Tuesday January 01, 2002 through Wednesday January 02, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
01 00	100 28.31	182 39.02	S23 38.79	112 16.02	S05 49.54	358 52.23	N23 00.77	032 32.40	N20 03.80	179 10.63	S23 01.96	336 25.81	04.54	N22 47.00	05.46	59.84
01	115 30.77	197 38.05	S23 38.72	127 16.80	S05 48.78	013 55.06	N23 00.81	047 35.03	N20 03.78	194 10.34	S23 01.76	350 49.35	04.58	N22 41.55	05.62	59.85
02	130 33.24	212 37.08	S23 38.64	142 17.59	S05 48.02	028 57.89	N23 00.84	062 37.66	N20 03.77	209 10.04	S23 01.56	005 12.92	04.62	N22 35.93	05.77	59.86
03	145 35.70	227 36.11	S23 38.56	157 18.38	S05 47.26	044 00.72	N23 00.87	077 40.30	N20 03.75	224 09.75	S23 01.36	019 36.54	04.66	N22 30.16	05.93	59.87
04	160 38.17	242 35.14	S23 38.49	172 19.17	S05 46.50	059 03.55	N23 00.91	092 42.93	N20 03.74	239 09.45	S23 01.16	034 00.21	04.71	N22 24.23	06.09	59.88
05	175 40.63	257 34.17	S23 38.41	187 19.96	S05 45.74	074 06.38	N23 00.94	107 45.56	N20 03.72	254 09.16	S23 00.96	048 23.91	04.75	N22 18.14	06.24	59.89
06	190 43.09	272 33.20	S23 38.32	202 20.75	S05 44.99	089 09.21	N23 00.97	122 48.19	N20 03.71	269 08.87	S23 00.76	062 47.67	04.80	N22 11.90	06.39	59.90
07	205 45.56	287 32.23	S23 38.24	217 21.55	S05 44.23	104 12.04	N23 01.01	137 50.82	N20 03.69	284 08.57	S23 00.55	077 11.47	04.85	N22 05.51	06.55	59.91
08	220 48.02	302 31.26	S23 38.16	232 22.34	S05 43.47	119 14.87	N23 01.04	152 53.46	N20 03.68	299 08.28	S23 00.35	091 35.32	04.91	N21 58.96	06.70	59.91
09	235 50.49	317 30.29	S23 38.07	247 23.13	S05 42.71	134 17.70	N23 01.07	167 56.09	N20 03.66	314 07.98	S23 00.14	105 59.23	04.96	N21 52.26	06.85	59.92
10	250 52.95	332 29.32	S23 37.98	262 23.92	S05 41.95	149 20.53	N23 01.10	182 58.72	N20 03.64	329 07.69	S22 59.94	120 23.19	05.01	N21 45.41	07.00	59.93
11	265 55.42	347 28.35	S23 37.90	277 24.71	S05 41.19	164 23.36	N23 01.14	198 01.35	N20 03.63	344 07.39	S22 59.73	134 47.20	05.07	N21 38.41	07.15	59.94
12	280 57.88	002 27.38	S23 37.81	292 25.50	S05 40.43	179 26.19	N23 01.17	213 03.98	N20 03.61	359 07.10	S22 59.52	149 11.27	05.13	N21 31.26	07.30	59.94
13	296 00.34	017 26.41	S23 37.72	307 26.29	S05 39.68	194 29.03	N23 01.20	228 06.61	N20 03.60	014 06.81	S22 59.31	163 35.39	05.18	N21 23.97	07.44	59.95
14	311 02.81	032 25.44	S23 37.62	322 27.08	S05 38.92	209 31.86	N23 01.24	243 09.25	N20 03.58	029 06.51	S22 59.10	177 59.58	05.24	N21 16.52	07.59	59.96
15	326 05.27	047 24.47	S23 37.53	337 27.87	S05 38.16	224 34.69	N23 01.27	258 11.88	N20 03.57	044 06.22	S22 58.89	192 23.82	05.31	N21 08.94	07.73	59.96
16	341 07.74	062 23.50	S23 37.44	352 28.66	S05 37.40	239 37.52	N23 01.30	273 14.51	N20 03.55	059 05.93	S22 58.68	206 48.13	05.37	N21 01.21	07.87	59.97
17	356 10.20	077 22.53	S23 37.34	007 29.45	S05 36.64	254 40.35	N23 01.33	288 17.14	N20 03.54	074 05.63	S22 58.47	221 12.50	05.43	N20 53.33	08.01	59.97
18	011 12.66	092 21.56	S23 37.24	022 30.24	S05 35.88	269 43.18	N23 01.37	303 19.77	N20 03.52	089 05.34	S22 58.26	235 36.93	05.50	N20 45.32	08.15	59.98
19	026 15.13	107 20.59	S23 37.15	037 31.03	S05 35.12	284 46.01	N23 01.40	318 22.40	N20 03.51	104 05.05	S22 58.05	250 01.42	05.56	N20 37.16	08.29	59.98
20	041 17.59	122 19.62	S23 37.05	052 31.82	S05 34.36	299 48.84	N23 01.43	333 25.03	N20 03.49	119 04.76	S22 57.83	264 25.98	05.63	N20 28.87	08.43	59.99
21	056 20.06	137 18.65	S23 36.95	067 32.62	S05 33.60	314 51.67	N23 01.47	348 27.66	N20 03.48	134 04.46	S22 57.62	278 50.61	05.69	N20 20.44	08.57	59.99
22	071 22.52	152 17.69	S23 36.84	082 33.41	S05 32.84	329 54.50	N23 01.50	003 30.29	N20 03.46	149 04.17	S22 57.40	293 15.31	05.76	N20 11.87	08.70	59.99
23	086 24.99	167 16.72	S23 36.74	097 34.20	S05 32.09	344 57.33	N23 01.53	018 32.92	N20 03.44	164 03.88	S22 57.19	307 40.07	05.83	N20 03.17	08.83	60.00
02 00	101 27.45	182 15.75	S23 36.64	112 34.99	S05 31.33	000 00.16	N23 01.56	033 35.55	N20 03.43	179 03.59	S22 56.97	322 04.90	05.90	N19 54.34	08.97	60.00
01	116 29.91	197 14.78	S23 36.53	127 35.78	S05 30.57	015 02.99	N23 01.60	048 38.18	N20 03.41	194 03.30	S22 56.75	336 29.80	05.97	N19 45.37	09.10	60.00
02	131 32.38	212 13.81	S23 36.42	142 36.57	S05 29.81	030 05.82	N23 01.63	063 40.81	N20 03.40	209 03.00	S22 56.53	350 54.78	06.05	N19 36.27	09.23	60.00
03	146 34.84	227 12.84	S23 36.32	157 37.36	S05 29.05	045 08.65	N23 01.66	078 43.44	N20 03.38	224 02.71	S22 56.31	005 19.82	06.12	N19 27.05	09.35	60.00
04	161 37.31	242 11.88	S23 36.21	172 38.16	S05 28.29	060 11.48	N23 01.69	093 46.07	N20 03.37	239 02.42	S22 56.09	019 44.94	06.19	N19 17.69	09.48	60.00
05	176 39.77	257 10.91	S23 36.09	187 38.95	S05 27.53	075 14.31	N23 01.73	108 48.70	N20 03.35	254 02.13	S22 55.87	034 10.13	06.26	N19 08.21	09.60	60.01
06	191 42.23	272 09.94	S23 35.98	202 39.74	S05 26.77	090 17.14	N23 01.76	123 51.33	N20 03.34	269 01.84	S22 55.65	048 35.39	06.34	N18 58.61	09.73	60.01
07	206 44.70	287 08.97	S23 35.87	217 40.53	S05 26.01	105 19.97	N23 01.79	138 53.96	N20 03.32	284 01.55	S22 55.43	063 00.73	06.41	N18 48.88	09.85	60.01
08	221 47.16	302 08.00	S23 35.75	232 41.32	S05 25.25	120 22.80	N23 01.82	153 56.58	N20 03.31	299 01.26	S22 55.20	077 26.14	06.49	N18 39.03	09.97	60.01
09	236 49.63	317 07.04	S23 35.64	247 42.12	S05 24.49	135 25.63	N23 01.86	168 59.21	N20 03.29	314 00.97	S22 54.98	091 51.63	06.56	N18 29.06	10.09	60.00
10	251 52.09	332 06.07	S23 35.52	262 42.91	S05 23.73	150 28.46	N23 01.89	184 01.84	N20 03.28	329 00.67	S22 54.75	106 17.20	06.64	N18 18.98	10.20	60.00
11	266 54.56	347 05.10	S23 35.40	277 43.70	S05 22.97	165 31.29	N23 01.92	199 04.47	N20 03.26	344 00.38	S22 54.53	120 42.83	06.72	N18 08.77	10.32	60.00
12	281 57.02	002 04.13	S23 35.28	292 44.49	S05 22.21	180 34.12	N23 01.95	214 07.10	N20 03.25	359 00.09	S22 54.30	135 08.55	06.79	N17 58.45	10.43	60.00
13	296 59.48	017 03.17	S23 35.16	307 45.29	S05 21.45	195 36.95	N23 01.99	229 09.73	N20 03.23	013 59.80	S22 54.07	149 34.34	06.87	N17 48.02	10.55	60.00
14	312 01.95	032 02.20	S23 35.04	322 46.08	S05 20.69	210 39.78	N23 02.02	244 12.35	N20 03.22	028 59.51	S22 53.84	164 00.21	06.95	N17 37.47	10.66	60.00
15	327 04.41	047 01.23	S23 34.92	337 46.87	S05 19.93	225 42.61	N23 02.05	259 14.98	N20 03.20	043 59.22	S22 53.62	178 26.16	07.02	N17 26.82	10.77	59.99
16	342 06.88	062 00.27	S23 34.79	352 47.66	S05 19.17	240 45.44	N23 02.08	274 17.61	N20 03.19	058 58.93	S22 53.39	192 52.18	07.10	N17 16.05	10.87	59.99
17	357 09.34	076 59.30	S23 34.66	007 48.46	S05 18.41	255 48.27	N23 02.12	289 20.24	N20 03.17	073 58.64	S22 53.16	207 18.28	07.18	N17 05.18	10.98	59.99
18	012 11.80	091 58.33	S23 34.54	022 49.25	S05 17.65	270 51.10	N23 02.15	304 22.86	N20 03.16	088 58.35	S22 52.92	221 44.46	07.26	N16 54.20	11.08	59.98
19	027 14.27	106 57.37	S23 34.41	037 50.04	S05 16.89	285 53.93	N23 02.18	319 25.49	N20 03.14	103 58.07	S22 52.69	236 10.72	07.33	N16 43.12	11.19	59.98
20	042 16.73	121 56.40	S23 34.28	052 50.83	S05 16.13	300 56.76	N23 02.21	334 28.12	N20 03.13	118 57.78	S22 52.46	250 37.05	07.41	N16 31.93	11.29	59.98
21	057 19.20	136 55.43	S23 34.15	067 51.63	S05 15.37	315 59.59	N23 02.25	349 30.75	N20 03.12	133 57.49	S22 52.23	265 03.46	07.49	N16 20.65	11.39	59.97
22	072 21.66	151 54.47	S23 34.01	082 52.42	S05 14.61	331 02.42	N23 02.28	004 33.37	N20 03.10	148 57.20	S22 51.99	279 29.96	07.57	N16 09.26	11.48	59.97
23	087 24.13	166 53.50	S23 33.88	097 53.21	S05 13.85	346 05.25	N23 02.31	019 36.00	N20 03.09	163 56.91	S22 51.76	293 56.52	07.65	N15 57.78	11.58	59.96
		v -0.97	d 0.11	v 0.79	d 0.76	v 2.83	d 0.03	v 2.63	d 0.02	v -0.29	d 0.22	SD	16.33	16.35		
		HP 0.09		HP 0.10						SD 16.27	HP 0.15					

Thursday January 03, 2002 through Friday January 04, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
03 00	102 26.59	181 52.53	S23 33.75	112 54.01	S05 13.09	001 08.08	N23 02.34	034 38.63	N20 03.07	178 56.62	S22 51.52	308 23.17	07.72	N15 46.20	11.67	59.96
01	117 29.05	196 51.57	S23 33.61	127 54.80	S05 12.33	016 10.91	N23 02.38	049 41.25	N20 03.06	193 56.33	S22 51.28	322 49.89	07.80	N15 34.52	11.77	59.95
02	132 31.52	211 50.60	S23 33.47	142 55.59	S05 11.57	031 13.74	N23 02.41	064 43.88	N20 03.04	208 56.04	S22 51.04	337 16.69	07.88	N15 22.75	11.86	59.95
03	147 33.98	226 49.64	S23 33.33	157 56.39	S05 10.81	046 16.57	N23 02.44	079 46.50	N20 03.03	223 55.76	S22 50.81	351 43.57	07.95	N15 10.90	11.95	59.94
04	162 36.45	241 48.67	S23 33.19	172 57.18	S05 10.04	061 19.40	N23 02.47	094 49.13	N20 03.01	238 55.47	S22 50.57	006 10.52	08.03	N14 58.95	12.04	59.93
05	177 38.91	256 47.71	S23 33.05	187 57.97	S05 09.28	076 22.23	N23 02.50	109 51.76	N20 03.00	253 55.18	S22 50.33	020 37.56	08.11	N14 46.91	12.12	59.93
06	192 41.37	271 46.74	S23 32.91	202 58.77	S05 08.52	091 25.06	N23 02.54	124 54.38	N20 02.98	268 54.89	S22 50.09	035 04.66	08.18	N14 34.79	12.21	59.92
07	207 43.84	286 45.78	S23 32.77	217 59.56	S05 07.76	106 27.89	N23 02.57	139 57.01	N20 02.97	283 54.61	S22 49.84	049 31.85	08.26	N14 22.58	12.29	59.91
08	222 46.30	301 44.81	S23 32.62	233 00.35	S05 07.00	121 30.72	N23 02.60	154 59.63	N20 02.95	298 54.32	S22 49.60	063 59.11	08.33	N14 10.29	12.37	59.90
09	237 48.77	316 43.85	S23 32.47	248 01.15	S05 06.24	136 33.55	N23 02.63	170 02.26	N20 02.94	313 54.03	S22 49.36	078 26.44	08.41	N13 57.92	12.45	59.90
10	252 51.23	331 42.88	S23 32.33	263 01.94	S05 05.48	151 36.38	N23 02.67	185 04.88	N20 02.93	328 53.74	S22 49.11	092 53.85	08.48	N13 45.47	12.53	59.89
11	267 53.69	346 41.92	S23 32.18	278 02.73	S05 04.72	166 39.21	N23 02.70	200 07.51	N20 02.91	343 53.46	S22 48.87	107 21.34	08.56	N13 32.94	12.61	59.88
12	282 56.16	001 40.95	S23 32.03	293 03.53	S05 03.96	181 42.04	N23 02.73	215 10.13	N20 02.90	358 53.17	S22 48.62	121 48.89	08.63	N13 20.33	12.68	59.87
13	297 58.62	016 39.99	S23 31.88	308 04.32	S05 03.20	196 44.87	N23 02.76	230 12.76	N20 02.88	013 52.88	S22 48.38	136 16.53	08.71	N13 07.65	12.75	59.86
14	313 01.09	031 39.02	S23 31.72	323 05.12	S05 02.44	211 47.70	N23 02.79	245 15.38	N20 02.87	028 52.60	S22 48.13	150 44.23	08.78	N12 54.90	12.83	59.85
15	328 03.55	046 38.06	S23 31.57	338 05.91	S05 01.67	226 50.53	N23 02.83	260 18.01	N20 02.85	043 52.31	S22 47.88	165 12.01	08.85	N12 42.07	12.90	59.84
16	343 06.02	061 37.10	S23 31.41	353 06.70	S05 00.91	241 53.36	N23 02.86	275 20.63	N20 02.84	058 52.03	S22 47.63	179 39.86	08.92	N12 29.18	12.96	59.83
17	358 08.48	076 36.13	S23 31.26	008 07.50	S05 00.15	256 56.19	N23 02.89	290 23.25	N20 02.83	073 51.74	S22 47.38	194 07.78	08.99	N12 16.21	13.03	59.82
18	013 10.94	091 35.17	S23 31.10	023 08.29	S04 59.39	271 59.02	N23 02.92	305 25.88	N20 02.81	088 51.45	S22 47.13	208 35.77	09.06	N12 03.18	13.10	59.81
19	028 13.41	106 34.21	S23 30.94	038 09.09	S04 58.63	287 01.85	N23 02.95	320 28.50	N20 02.80	103 51.17	S22 46.88	223 03.83	09.13	N11 50.09	13.16	59.80
20	043 15.87	121 33.24	S23 30.78	053 09.88	S04 57.87	302 04.68	N23 02.99	335 31.13	N20 02.78	118 50.88	S22 46.63	237 31.96	09.20	N11 36.93	13.22	59.79
21	058 18.34	136 32.28	S23 30.62	068 10.68	S04 57.11	317 07.51	N23 03.02	350 33.75	N20 02.77	133 50.60	S22 46.38	252 00.16	09.27	N11 23.71	13.28	59.78
22	073 20.80	151 31.32	S23 30.45	083 11.47	S04 56.34	332 10.34	N23 03.05	005 36.37	N20 02.75	148 50.31	S22 46.12	266 28.43	09.34	N11 10.42	13.34	59.77
23	088 23.26	166 30.35	S23 30.29	098 12.27	S04 55.58	347 13.17	N23 03.08	020 39.00	N20 02.74	163 50.03	S22 45.87	280 56.77	09.40	N10 57.08	13.40	59.76
04 00	103 25.73	181 29.39	S23 30.12	113 13.06	S04 54.82	002 16.00	N23 03.11	035 41.62	N20 02.73	178 49.74	S22 45.62	295 25.17	09.47	N10 43.69	13.45	59.74
01	118 28.19	196 28.43	S23 29.96	128 13.86	S04 54.06	017 18.83	N23 03.15	050 44.24	N20 02.71	193 49.46	S22 45.36	309 53.64	09.53	N10 30.23	13.51	59.73
02	133 30.66	211 27.47	S23 29.79	143 14.65	S04 53.30	032 21.66	N23 03.18	065 46.87	N20 02.70	208 49.17	S22 45.10	324 22.17	09.60	N10 16.73	13.56	59.72
03	148 33.12	226 26.50	S23 29.62	158 15.45	S04 52.54	047 24.49	N23 03.21	080 49.49	N20 02.68	223 48.89	S22 44.85	338 50.77	09.66	N10 03.17	13.61	59.71
04	163 35.58	241 25.54	S23 29.45	173 16.24	S04 51.77	062 27.32	N23 03.24	095 52.11	N20 02.67	238 48.60	S22 44.59	353 19.43	09.72	N09 49.56	13.66	59.70
05	178 38.05	256 24.58	S23 29.28	188 17.04	S04 51.01	077 30.15	N23 03.27	110 54.73	N20 02.66	253 48.32	S22 44.33	007 48.16	09.79	N09 35.90	13.71	59.68
06	193 40.51	271 23.62	S23 29.11	203 17.83	S04 50.25	092 32.97	N23 03.31	125 57.36	N20 02.64	268 48.04	S22 44.07	022 16.94	09.85	N09 22.19	13.75	59.67
07	208 42.98	286 22.66	S23 28.93	218 18.63	S04 49.49	107 35.80	N23 03.34	140 59.98	N20 02.63	283 47.75	S22 43.81	036 45.79	09.91	N09 08.44	13.80	59.66
08	223 45.44	301 21.69	S23 28.76	233 19.42	S04 48.73	122 38.63	N23 03.37	156 02.60	N20 02.61	298 47.47	S22 43.55	051 14.70	09.97	N08 54.64	13.84	59.64
09	238 47.90	316 20.73	S23 28.58	248 20.22	S04 47.97	137 41.46	N23 03.40	171 05.22	N20 02.60	313 47.19	S22 43.28	065 43.66	10.02	N08 40.80	13.88	59.63
10	253 50.37	331 19.77	S23 28.40	263 21.01	S04 47.20	152 44.29	N23 03.43	186 07.84	N20 02.59	328 46.90	S22 43.02	080 12.69	10.08	N08 26.92	13.92	59.62
11	268 52.83	346 18.81	S23 28.22	278 21.81	S04 46.44	167 47.12	N23 03.46	201 10.46	N20 02.57	343 46.62	S22 42.76	094 41.77	10.14	N08 12.99	13.96	59.60
12	283 55.30	001 17.85	S23 28.04	293 22.60	S04 45.68	182 49.95	N23 03.50	216 13.09	N20 02.56	358 46.34	S22 42.49	109 10.91	10.19	N07 59.03	14.00	59.59
13	298 57.76	016 16.89	S23 27.86	308 23.40	S04 44.92	197 52.78	N23 03.53	231 15.71	N20 02.54	013 46.06	S22 42.23	123 40.10	10.25	N07 45.04	14.03	59.57
14	314 00.23	031 15.93	S23 27.68	323 24.19	S04 44.15	212 55.61	N23 03.56	246 18.33	N20 02.53	028 45.77	S22 41.96	138 09.35	10.30	N07 31.00	14.07	59.56
15	329 02.69	046 14.97	S23 27.49	338 24.99	S04 43.39	227 58.44	N23 03.59	261 20.95	N20 02.52	043 45.49	S22 41.70	152 38.66	10.36	N07 16.93	14.10	59.54
16	344 05.15	061 14.01	S23 27.31	353 25.78	S04 42.63	243 01.27	N23 03.62	276 23.57	N20 02.50	058 45.21	S22 41.43	167 08.01	10.41	N07 02.83	14.13	59.53
17	359 07.62	076 13.05	S23 27.12	008 26.58	S04 41.87	258 04.09	N23 03.65	291 26.19	N20 02.49	073 44.93	S22 41.16	181 37.42	10.46	N06 48.70	14.16	59.51
18	014 10.08	091 12.09	S23 26.93	023 27.38	S04 41.11	273 06.92	N23 03.69	306 28.81	N20 02.47	088 44.64	S22 40.89	196 06.88	10.51	N06 34.54	14.19	59.50
19	029 12.55	106 11.13	S23 26.74	038 28.17	S04 40.34	288 09.75	N23 03.72	321 31.43	N20 02.46	103 44.36	S22 40.62	210 36.39	10.56	N06 20.35	14.22	59.48
20	044 15.01	121 10.17	S23 26.55	053 28.97	S04 39.58	303 12.58	N23 03.75	336 34.05	N20 02.45	118 44.08	S22 40.35	225 05.94	10.60	N06 06.14	14.24	59.47
21	059 17.47	136 09.21	S23 26.36	068 29.76	S04 38.82	318 15.41	N23 03.78	351 36.67	N20 02.43	133 43.80	S22 40.08	239 35.55	10.65	N05 51.90	14.26	59.45
22	074 19.94	151 08.25	S23 26.17	083 30.56	S04 38.06	333 18.24	N23 03.81	006 39.29	N20 02.42	148 43.52	S22 39.81	254 05.20	10.70	N05 37.63	14.29	59.44
23	089 22.40	166 07.29	S23 25.97	098 31.36	S04 37.29	348 21.07	N23 03.84	021 41.91	N20 02.41	163 43.24	S22 39.53	268 34.90	10.74	N05 23.35	14.31	59.42
		v -0.96	d 0.17	v 0.79	d 0.76	v 2.83	d 0.03	v 2.62	d 0.01	v -0.28	d 0.26	SD	16.31	16.24		
		HP 0.09		HP 0.10						SD 16.27	HP 0.15					

Saturday January 05, 2002 through Sunday January 06, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
05 00	104 24.87	181 06.33	S23 25.77	113 32.15	S04 36.53	003 23.90	N23 03.88	036 44.53	N20 02.39	178 42.96	S22 39.26	283 04.64	10.79	N05 09.04	14.33	59.40
01	119 27.33	196 05.37	S23 25.58	128 32.95	S04 35.77	018 26.72	N23 03.91	051 47.15	N20 02.38	193 42.68	S22 38.99	297 34.42	10.83	N04 54.71	14.35	59.39
02	134 29.79	211 04.41	S23 25.38	143 33.74	S04 35.01	033 29.55	N23 03.94	066 49.77	N20 02.37	208 42.40	S22 38.71	312 04.25	10.87	N04 40.37	14.36	59.37
03	149 32.26	226 03.46	S23 25.18	158 34.54	S04 34.24	048 32.38	N23 03.97	081 52.39	N20 02.35	223 42.12	S22 38.43	326 34.12	10.91	N04 26.01	14.38	59.36
04	164 34.72	241 02.50	S23 24.98	173 35.34	S04 33.48	063 35.21	N23 04.00	096 55.01	N20 02.34	238 41.84	S22 38.16	341 04.03	10.95	N04 11.63	14.39	59.34
05	179 37.19	256 01.54	S23 24.78	188 36.13	S04 32.72	078 38.04	N23 04.03	111 57.63	N20 02.33	253 41.56	S22 37.88	355 33.98	10.99	N03 57.24	14.40	59.32
06	194 39.65	271 00.58	S23 24.57	203 36.93	S04 31.95	093 40.87	N23 04.06	127 00.24	N20 02.31	268 41.28	S22 37.60	010 03.97	11.03	N03 42.83	14.41	59.30
07	209 42.11	285 59.62	S23 24.37	218 37.73	S04 31.19	108 43.70	N23 04.10	142 02.86	N20 02.30	283 41.00	S22 37.32	024 34.00	11.06	N03 28.42	14.42	59.29
08	224 44.58	300 58.67	S23 24.16	233 38.52	S04 30.43	123 46.52	N23 04.13	157 05.48	N20 02.29	298 40.72	S22 37.04	039 04.06	11.10	N03 13.99	14.43	59.27
09	239 47.04	315 57.71	S23 23.96	248 39.32	S04 29.67	138 49.35	N23 04.16	172 08.10	N20 02.27	313 40.44	S22 36.76	053 34.15	11.13	N02 59.56	14.44	59.25
10	254 49.51	330 56.75	S23 23.75	263 40.12	S04 28.90	153 52.18	N23 04.19	187 10.72	N20 02.26	328 40.16	S22 36.48	068 04.29	11.16	N02 45.12	14.45	59.24
11	269 51.97	345 55.80	S23 23.54	278 40.91	S04 28.14	168 55.01	N23 04.22	202 13.34	N20 02.24	343 39.88	S22 36.20	082 34.45	11.20	N02 30.68	14.45	59.22
12	284 54.43	000 54.84	S23 23.33	293 41.71	S04 27.38	183 57.84	N23 04.25	217 15.95	N20 02.23	358 39.60	S22 35.91	097 04.65	11.23	N02 16.23	14.45	59.20
13	299 56.90	015 53.88	S23 23.12	308 42.51	S04 26.61	199 00.66	N23 04.28	232 18.57	N20 02.22	013 39.32	S22 35.63	111 34.87	11.26	N02 01.77	14.45	59.18
14	314 59.36	030 52.93	S23 22.90	323 43.30	S04 25.85	214 03.49	N23 04.31	247 21.19	N20 02.21	028 39.05	S22 35.34	126 05.13	11.29	N01 47.32	14.45	59.16
15	330 01.83	045 51.97	S23 22.69	338 44.10	S04 25.09	229 06.32	N23 04.35	262 23.81	N20 02.19	043 38.77	S22 35.06	140 35.41	11.31	N01 32.86	14.45	59.15
16	345 04.29	060 51.01	S23 22.47	353 44.90	S04 24.33	244 09.15	N23 04.38	277 26.42	N20 02.18	058 38.49	S22 34.77	155 05.73	11.34	N01 18.41	14.45	59.13
17	000 06.76	075 50.06	S23 22.25	008 45.70	S04 23.56	259 11.98	N23 04.41	292 29.04	N20 02.17	073 38.21	S22 34.49	169 36.07	11.36	N01 03.96	14.45	59.11
18	015 09.22	090 49.10	S23 22.04	023 46.49	S04 22.80	274 14.80	N23 04.44	307 31.66	N20 02.15	088 37.93	S22 34.20	184 06.43	11.39	N00 49.51	14.44	59.09
19	030 11.68	105 48.15	S23 21.82	038 47.29	S04 22.04	289 17.63	N23 04.47	322 34.27	N20 02.14	103 37.66	S22 33.91	198 36.82	11.41	N00 35.07	14.44	59.07
20	045 14.15	120 47.19	S23 21.60	053 48.09	S04 21.27	304 20.46	N23 04.50	337 36.89	N20 02.13	118 37.38	S22 33.62	213 07.23	11.43	N00 20.63	14.43	59.05
21	060 16.61	135 46.24	S23 21.37	068 48.89	S04 20.51	319 23.29	N23 04.53	352 39.51	N20 02.11	133 37.10	S22 33.33	227 37.67	11.46	N00 06.20	14.42	59.04
22	075 19.08	150 45.28	S23 21.15	083 49.68	S04 19.75	334 26.12	N23 04.56	007 42.12	N20 02.10	148 36.83	S22 33.04	242 08.12	11.48	S00 08.22	14.41	59.02
23	090 21.54	165 44.33	S23 20.92	098 50.48	S04 18.98	349 28.94	N23 04.59	022 44.74	N20 02.09	163 36.55	S22 32.75	256 38.60	11.49	S00 22.63	14.40	59.00
06 00	105 24.00	180 43.37	S23 20.70	113 51.28	S04 18.22	004 31.77	N23 04.63	037 47.36	N20 02.07	178 36.27	S22 32.46	271 09.09	11.51	S00 37.03	14.39	58.98
01	120 26.47	195 42.42	S23 20.47	128 52.08	S04 17.46	019 34.60	N23 04.66	052 49.97	N20 02.06	193 36.00	S22 32.16	285 39.60	11.53	S00 51.42	14.37	58.96
02	135 28.93	210 41.46	S23 20.24	143 52.87	S04 16.69	034 37.43	N23 04.69	067 52.59	N20 02.05	208 35.72	S22 31.87	300 10.13	11.54	S01 05.79	14.36	58.94
03	150 31.40	225 40.51	S23 20.01	158 53.67	S04 15.93	049 40.25	N23 04.72	082 55.20	N20 02.03	223 35.45	S22 31.57	314 40.68	11.56	S01 20.15	14.34	58.92
04	165 33.86	240 39.56	S23 19.78	173 54.47	S04 15.16	064 43.08	N23 04.75	097 57.82	N20 02.02	238 35.17	S22 31.28	329 11.23	11.57	S01 34.49	14.32	58.90
05	180 36.32	255 38.60	S23 19.55	188 55.27	S04 14.40	079 45.91	N23 04.78	113 00.43	N20 02.01	253 34.89	S22 30.98	343 41.81	11.58	S01 48.82	14.31	58.88
06	195 38.79	270 37.65	S23 19.32	203 56.06	S04 13.64	094 48.73	N23 04.81	128 03.05	N20 02.00	268 34.62	S22 30.68	358 12.39	11.60	S02 03.12	14.29	58.86
07	210 41.25	285 36.70	S23 19.08	218 56.86	S04 12.87	109 51.56	N23 04.84	143 05.66	N20 01.98	283 34.34	S22 30.39	012 42.99	11.61	S02 17.41	14.26	58.84
08	225 43.72	300 35.74	S23 18.85	233 57.66	S04 12.11	124 54.39	N23 04.87	158 08.28	N20 01.97	298 34.07	S22 30.09	027 13.59	11.62	S02 31.67	14.24	58.83
09	240 46.18	315 34.79	S23 18.61	248 58.46	S04 11.35	139 57.22	N23 04.90	173 10.89	N20 01.96	313 33.79	S22 29.79	041 44.21	11.62	S02 45.92	14.22	58.81
10	255 48.64	330 33.84	S23 18.37	263 59.26	S04 10.58	155 00.04	N23 04.94	188 13.51	N20 01.94	328 33.52	S22 29.49	056 14.83	11.63	S03 00.14	14.19	58.79
11	270 51.11	345 32.89	S23 18.13	279 00.06	S04 09.82	170 02.87	N23 04.97	203 16.12	N20 01.93	343 33.25	S22 29.19	070 45.46	11.64	S03 14.33	14.17	58.77
12	285 53.57	000 31.93	S23 17.89	294 00.85	S04 09.05	185 05.70	N23 05.00	218 18.74	N20 01.92	358 32.97	S22 28.89	085 16.10	11.64	S03 28.50	14.14	58.75
13	300 56.04	015 30.98	S23 17.65	309 01.65	S04 08.29	200 08.52	N23 05.03	233 21.35	N20 01.91	013 32.70	S22 28.58	099 46.74	11.65	S03 42.64	14.11	58.73
14	315 58.50	030 30.03	S23 17.40	324 02.45	S04 07.53	215 11.35	N23 05.06	248 23.96	N20 01.89	028 32.42	S22 28.28	114 17.39	11.65	S03 56.75	14.08	58.71
15	331 00.96	045 29.08	S23 17.16	339 03.25	S04 06.76	230 14.18	N23 05.09	263 26.58	N20 01.88	043 32.15	S22 27.98	128 48.04	11.65	S04 10.84	14.05	58.69
16	346 03.43	060 28.13	S23 16.91	354 04.05	S04 06.00	245 17.00	N23 05.12	278 29.19	N20 01.87	058 31.88	S22 27.67	143 18.69	11.65	S04 24.89	14.02	58.67
17	001 05.89	075 27.18	S23 16.67	009 04.85	S04 05.23	260 19.83	N23 05.15	293 31.80	N20 01.86	073 31.60	S22 27.37	157 49.34	11.65	S04 38.91	13.99	58.65
18	016 08.36	090 26.23	S23 16.42	024 05.64	S04 04.47	275 22.66	N23 05.18	308 34.42	N20 01.84	088 31.33	S22 27.06	172 19.99	11.65	S04 52.90	13.95	58.63
19	031 10.82	105 25.28	S23 16.17	039 06.44	S04 03.71	290 25.48	N23 05.21	323 37.03	N20 01.83	103 31.06	S22 26.75	186 50.64	11.65	S05 06.85	13.92	58.61
20	046 13.29	120 24.33	S23 15.92	054 07.24	S04 02.94	305 28.31	N23 05.24	338 39.64	N20 01.82	118 30.79	S22 26.44	201 21.29	11.65	S05 20.77	13.88	58.59
21	061 15.75	135 23.38	S23 15.66	069 08.04	S04 02.18	320 31.14	N23 05.27	353 42.26	N20 01.81	133 30.51	S22 26.14	215 51.94	11.64	S05 34.65	13.84	58.57
22	076 18.21	150 22.43	S23 15.41	084 08.84	S04 01.41	335 33.96	N23 05.30	008 44.87	N20 01.79	148 30.24	S22 25.83	230 22.58	11.64	S05 48.49	13.80	58.55
23	091 20.68	165 21.48	S23 15.16	099 09.64	S04 00.65	350 36.79	N23 05.33	023 47.48	N20 01.78	163 29.97	S22 25.52	244 53.22	11.63	S06 02.30	13.76	58.53
		v -0.95	d 0.23	v 0.80	d 0.76	v 2.83	d 0.03	v 2.62	d 0.01	v -0.28	d 0.29	SD	16.13	16.01		
		HP 0.09		HP 0.10						SD 16.27	HP 0.15					

Monday January 07, 2002 through Tuesday January 08, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
07 00	106 23.14	180 20.53	S23 14.90	114 10.44	S03 59.89	005 39.61	N23 05.37	038 50.09	N20 01.77	178 29.70	S22 25.20	259 23.85	11.62	S06 16.06	13.72	58.51
01	121 25.61	195 19.58	S23 14.64	129 11.24	S03 59.12	020 42.44	N23 05.40	053 52.71	N20 01.76	193 29.43	S22 24.89	273 54.47	11.62	S06 29.79	13.68	58.49
02	136 28.07	210 18.63	S23 14.38	144 12.03	S03 58.36	035 45.27	N23 05.43	068 55.32	N20 01.74	208 29.15	S22 24.58	288 25.09	11.61	S06 43.47	13.64	58.47
03	151 30.53	225 17.68	S23 14.13	159 12.83	S03 57.59	050 48.09	N23 05.46	083 57.93	N20 01.73	223 28.88	S22 24.27	302 55.70	11.60	S06 57.11	13.59	58.45
04	166 33.00	240 16.73	S23 13.86	174 13.63	S03 56.83	065 50.92	N23 05.49	099 00.54	N20 01.72	238 28.61	S22 23.95	317 26.29	11.59	S07 10.70	13.55	58.43
05	181 35.46	255 15.78	S23 13.60	189 14.43	S03 56.06	080 53.74	N23 05.52	114 03.15	N20 01.71	253 28.34	S22 23.64	331 56.88	11.58	S07 24.25	13.50	58.40
06	196 37.93	270 14.84	S23 13.34	204 15.23	S03 55.30	095 56.57	N23 05.55	129 05.76	N20 01.69	268 28.07	S22 23.32	346 27.46	11.56	S07 37.75	13.45	58.38
07	211 40.39	285 13.89	S23 13.07	219 16.03	S03 54.54	110 59.39	N23 05.58	144 08.38	N20 01.68	283 27.80	S22 23.01	000 58.02	11.55	S07 51.20	13.40	58.36
08	226 42.85	300 12.94	S23 12.81	234 16.83	S03 53.77	126 02.22	N23 05.61	159 10.99	N20 01.67	298 27.53	S22 22.69	015 28.57	11.54	S08 04.61	13.35	58.34
09	241 45.32	315 11.99	S23 12.54	249 17.63	S03 53.01	141 05.05	N23 05.64	174 13.60	N20 01.66	313 27.26	S22 22.37	029 59.11	11.52	S08 17.96	13.30	58.32
10	256 47.78	330 11.05	S23 12.27	264 18.43	S03 52.24	156 07.87	N23 05.67	189 16.21	N20 01.64	328 26.99	S22 22.05	044 29.63	11.51	S08 31.26	13.25	58.30
11	271 50.25	345 10.10	S23 12.00	279 19.23	S03 51.48	171 10.70	N23 05.70	204 18.82	N20 01.63	343 26.72	S22 21.73	059 00.13	11.49	S08 44.51	13.20	58.28
12	286 52.71	000 09.15	S23 11.73	294 20.03	S03 50.71	186 13.52	N23 05.73	219 21.43	N20 01.62	358 26.45	S22 21.41	073 30.62	11.47	S08 57.71	13.14	58.26
13	301 55.18	015 08.21	S23 11.46	309 20.83	S03 49.95	201 16.35	N23 05.76	234 24.04	N20 01.61	013 26.18	S22 21.09	088 01.09	11.45	S09 10.85	13.09	58.24
14	316 57.64	030 07.26	S23 11.19	324 21.63	S03 49.18	216 19.17	N23 05.79	249 26.65	N20 01.60	028 25.91	S22 20.77	102 31.54	11.43	S09 23.94	13.03	58.22
15	332 00.10	045 06.31	S23 10.91	339 22.43	S03 48.42	231 22.00	N23 05.82	264 29.26	N20 01.58	043 25.64	S22 20.45	117 01.98	11.41	S09 36.97	12.97	58.20
16	347 02.57	060 05.37	S23 10.64	354 23.23	S03 47.65	246 24.82	N23 05.85	279 31.87	N20 01.57	058 25.38	S22 20.13	131 32.39	11.39	S09 49.94	12.91	58.18
17	002 05.03	075 04.42	S23 10.36	009 24.03	S03 46.89	261 27.65	N23 05.88	294 34.48	N20 01.56	073 25.11	S22 19.80	146 02.78	11.37	S10 02.86	12.85	58.16
18	017 07.50	090 03.48	S23 10.08	024 24.83	S03 46.12	276 30.47	N23 05.91	309 37.09	N20 01.55	088 24.84	S22 19.48	160 33.15	11.35	S10 15.71	12.79	58.14
19	032 09.96	105 02.53	S23 09.80	039 25.63	S03 45.36	291 33.30	N23 05.94	324 39.70	N20 01.54	103 24.57	S22 19.15	175 03.50	11.33	S10 28.50	12.73	58.12
20	047 12.42	120 01.59	S23 09.52	054 26.43	S03 44.60	306 36.12	N23 05.97	339 42.31	N20 01.52	118 24.30	S22 18.83	189 33.83	11.30	S10 41.23	12.67	58.10
21	062 14.89	135 00.64	S23 09.24	069 27.23	S03 43.83	321 38.95	N23 06.00	354 44.92	N20 01.51	133 24.04	S22 18.50	204 04.13	11.28	S10 53.90	12.60	58.08
22	077 17.35	149 59.70	S23 08.95	084 28.03	S03 43.07	336 41.77	N23 06.03	009 47.53	N20 01.50	148 23.77	S22 18.17	218 34.41	11.25	S11 06.50	12.54	58.05
23	092 19.82	164 58.76	S23 08.67	099 28.83	S03 42.30	351 44.60	N23 06.06	024 50.13	N20 01.49	163 23.50	S22 17.84	233 04.66	11.23	S11 19.04	12.47	58.03
08 00	107 22.28	179 57.81	S23 08.38	114 29.63	S03 41.54	006 47.42	N23 06.09	039 52.74	N20 01.48	178 23.23	S22 17.51	247 34.89	11.20	S11 31.51	12.40	58.01
01	122 24.74	194 56.87	S23 08.10	129 30.43	S03 40.77	021 50.24	N23 06.12	054 55.35	N20 01.46	193 22.97	S22 17.18	262 05.09	11.17	S11 43.91	12.34	57.99
02	137 27.21	209 55.93	S23 07.81	144 31.23	S03 40.01	036 53.07	N23 06.15	069 57.96	N20 01.45	208 22.70	S22 16.85	276 35.26	11.15	S11 56.25	12.27	57.97
03	152 29.67	224 54.98	S23 07.52	159 32.03	S03 39.24	051 55.89	N23 06.18	085 00.57	N20 01.44	223 22.44	S22 16.52	291 05.41	11.12	S12 08.51	12.20	57.95
04	167 32.14	239 54.04	S23 07.23	174 32.83	S03 38.48	066 58.72	N23 06.21	100 03.18	N20 01.43	238 22.17	S22 16.19	305 35.52	11.09	S12 20.71	12.12	57.93
05	182 34.60	254 53.10	S23 06.94	189 33.63	S03 37.71	082 01.54	N23 06.24	115 05.78	N20 01.42	253 21.90	S22 15.85	320 05.61	11.06	S12 32.83	12.05	57.91
06	197 37.07	269 52.15	S23 06.64	204 34.43	S03 36.95	097 04.37	N23 06.27	130 08.39	N20 01.41	268 21.64	S22 15.52	334 35.67	11.03	S12 44.88	11.98	57.89
07	212 39.53	284 51.21	S23 06.35	219 35.23	S03 36.18	112 07.19	N23 06.30	145 11.00	N20 01.39	283 21.37	S22 15.19	349 05.70	11.00	S12 56.86	11.90	57.87
08	227 41.99	299 50.27	S23 06.05	234 36.03	S03 35.42	127 10.01	N23 06.33	160 13.61	N20 01.38	298 21.11	S22 14.85	003 35.70	10.97	S13 08.76	11.83	57.85
09	242 44.46	314 49.33	S23 05.76	249 36.83	S03 34.65	142 12.84	N23 06.36	175 16.21	N20 01.37	313 20.84	S22 14.51	018 05.66	10.93	S13 20.59	11.75	57.83
10	257 46.92	329 48.39	S23 05.46	264 37.63	S03 33.89	157 15.66	N23 06.39	190 18.82	N20 01.36	328 20.58	S22 14.18	032 35.60	10.90	S13 32.34	11.67	57.81
11	272 49.39	344 47.45	S23 05.16	279 38.43	S03 33.12	172 18.48	N23 06.42	205 21.43	N20 01.35	343 20.31	S22 13.84	047 05.50	10.87	S13 44.01	11.59	57.78
12	287 51.85	359 46.51	S23 04.86	294 39.23	S03 32.35	187 21.31	N23 06.45	220 24.03	N20 01.34	358 20.05	S22 13.50	061 35.37	10.84	S13 55.60	11.51	57.76
13	302 54.31	014 45.57	S23 04.55	309 40.03	S03 31.59	202 24.13	N23 06.48	235 26.64	N20 01.32	013 19.78	S22 13.16	076 05.20	10.80	S14 07.12	11.43	57.74
14	317 56.78	029 44.63	S23 04.25	324 40.83	S03 30.82	217 26.95	N23 06.51	250 29.25	N20 01.31	028 19.52	S22 12.82	090 35.01	10.77	S14 18.55	11.35	57.72
15	332 59.24	044 43.69	S23 03.95	339 41.63	S03 30.06	232 29.78	N23 06.54	265 31.85	N20 01.30	043 19.26	S22 12.48	105 04.77	10.73	S14 29.90	11.27	57.70
16	348 01.71	059 42.75	S23 03.64	354 42.43	S03 29.29	247 32.60	N23 06.57	280 34.46	N20 01.29	058 18.99	S22 12.14	119 34.51	10.70	S14 41.17	11.18	57.68
17	003 04.17	074 41.81	S23 03.33	009 43.23	S03 28.53	262 35.42	N23 06.60	295 37.06	N20 01.28	073 18.73	S22 11.80	134 04.21	10.66	S14 52.35	11.10	57.66
18	018 06.63	089 40.87	S23 03.03	024 44.04	S03 27.76	277 38.25	N23 06.63	310 39.67	N20 01.27	088 18.47	S22 11.45	148 33.87	10.63	S15 03.45	11.01	57.64
19	033 09.10	104 39.93	S23 02.72	039 44.84	S03 27.00	292 41.07	N23 06.66	325 42.27	N20 01.26	103 18.20	S22 11.11	163 03.50	10.59	S15 14.46	10.93	57.62
20	048 11.56	119 38.99	S23 02.41	054 45.64	S03 26.23	307 43.89	N23 06.69	340 44.88	N20 01.24	118 17.94	S22 10.77	177 33.09	10.56	S15 25.39	10.84	57.60
21	063 14.03	134 38.05	S23 02.10	069 46.44	S03 25.47	322 46.71	N23 06.72	355 47.48	N20 01.23	133 17.68	S22 10.42	192 02.64	10.52	S15 36.23	10.75	57.58
22	078 16.49	149 37.11	S23 01.78	084 47.24	S03 24.70	337 49.54	N23 06.75	010 50.09	N20 01.22	148 17.42	S22 10.08	206 32.16	10.48	S15 46.98	10.66	57.56
23	093 18.96	164 36.18	S23 01.47	099 48.04	S03 23.94	352 52.36	N23 06.78	025 52.69	N20 01.21	163 17.16	S22 09.73	221 01.65	10.44	S15 57.64	10.57	57.54
		v -0.94	d 0.29	v 0.80	d 0.76	v 2.82	d 0.03	v 2.61	d 0.01	v -0.27	d 0.33	SD	15.88	15.74		
		HP 0.09		HP 0.09						SD 16.26	HP 0.15					

Wednesday January 09, 2002 through Thursday January 10, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
09 00	108 21.42	179 35.24	S23 01.15	114 48.84	S03 23.17	007 55.18	N23 06.81	040 55.30	N20 01.20	178 16.89	S22 09.38	235 31.09	10.41	S16 08.21	10.48	57.51
01	123 23.88	194 34.30	S23 00.84	129 49.64	S03 22.40	022 58.00	N23 06.84	055 57.90	N20 01.19	193 16.63	S22 09.03	250 00.50	10.37	S16 18.69	10.39	57.49
02	138 26.35	209 33.37	S23 00.52	144 50.45	S03 21.64	038 00.83	N23 06.87	071 00.51	N20 01.18	208 16.37	S22 08.68	264 29.87	10.33	S16 29.07	10.29	57.47
03	153 28.81	224 32.43	S23 00.20	159 51.25	S03 20.87	053 03.65	N23 06.90	086 03.11	N20 01.17	223 16.11	S22 08.33	278 59.20	10.29	S16 39.36	10.20	57.45
04	168 31.28	239 31.49	S22 59.88	174 52.05	S03 20.11	068 06.47	N23 06.93	101 05.72	N20 01.15	238 15.85	S22 07.98	293 28.49	10.26	S16 49.56	10.10	57.43
05	183 33.74	254 30.56	S22 59.56	189 52.85	S03 19.34	083 09.29	N23 06.96	116 08.32	N20 01.14	253 15.59	S22 07.63	307 57.75	10.22	S16 59.66	10.01	57.41
06	198 36.20	269 29.62	S22 59.23	204 53.65	S03 18.58	098 12.12	N23 06.99	131 10.92	N20 01.13	268 15.33	S22 07.28	322 26.97	10.18	S17 09.67	09.91	57.39
07	213 38.67	284 28.68	S22 58.91	219 54.45	S03 17.81	113 14.94	N23 07.02	146 13.53	N20 01.12	283 15.07	S22 06.93	336 56.15	10.14	S17 19.58	09.81	57.37
08	228 41.13	299 27.75	S22 58.58	234 55.25	S03 17.05	128 17.76	N23 07.05	161 16.13	N20 01.11	298 14.81	S22 06.57	351 25.29	10.10	S17 29.39	09.71	57.35
09	243 43.60	314 26.81	S22 58.26	249 56.06	S03 16.28	143 20.58	N23 07.08	176 18.73	N20 01.10	313 14.55	S22 06.22	005 54.39	10.06	S17 39.10	09.61	57.33
10	258 46.06	329 25.88	S22 57.93	264 56.86	S03 15.51	158 23.40	N23 07.11	191 21.34	N20 01.09	328 14.29	S22 05.86	020 23.46	10.03	S17 48.71	09.51	57.31
11	273 48.53	344 24.95	S22 57.60	279 57.66	S03 14.75	173 26.22	N23 07.14	206 23.94	N20 01.08	343 14.03	S22 05.51	034 52.48	09.99	S17 58.22	09.41	57.29
12	288 50.99	359 24.01	S22 57.27	294 58.46	S03 13.98	188 29.04	N23 07.16	221 26.54	N20 01.07	358 13.77	S22 05.15	049 21.47	09.95	S18 07.63	09.31	57.27
13	303 53.45	014 23.08	S22 56.94	309 59.26	S03 13.22	203 31.87	N23 07.19	236 29.15	N20 01.06	013 13.51	S22 04.80	063 50.42	09.91	S18 16.94	09.20	57.25
14	318 55.92	029 22.14	S22 56.61	325 00.07	S03 12.45	218 34.69	N23 07.22	251 31.75	N20 01.04	028 13.25	S22 04.44	078 19.33	09.87	S18 26.14	09.10	57.22
15	333 58.38	044 21.21	S22 56.27	340 00.87	S03 11.68	233 37.51	N23 07.25	266 34.35	N20 01.03	043 13.00	S22 04.08	092 48.21	09.84	S18 35.24	08.99	57.20
16	349 00.85	059 20.28	S22 55.94	355 01.67	S03 10.92	248 40.33	N23 07.28	281 36.95	N20 01.02	058 12.74	S22 03.72	107 17.04	09.80	S18 44.23	08.89	57.18
17	004 03.31	074 19.35	S22 55.60	010 02.47	S03 10.15	263 43.15	N23 07.31	296 39.55	N20 01.01	073 12.48	S22 03.36	121 45.84	09.76	S18 53.12	08.78	57.16
18	019 05.77	089 18.41	S22 55.26	025 03.27	S03 09.39	278 45.97	N23 07.34	311 42.16	N20 01.00	088 12.22	S22 03.00	136 14.60	09.72	S19 01.90	08.67	57.14
19	034 08.24	104 17.48	S22 54.93	040 04.08	S03 08.62	293 48.79	N23 07.37	326 44.76	N20 00.99	103 11.97	S22 02.64	150 43.32	09.68	S19 10.57	08.56	57.12
20	049 10.70	119 16.55	S22 54.58	055 04.88	S03 07.86	308 51.61	N23 07.40	341 47.36	N20 00.98	118 11.71	S22 02.27	165 12.00	09.65	S19 19.13	08.45	57.10
21	064 13.17	134 15.62	S22 54.24	070 05.68	S03 07.09	323 54.43	N23 07.43	356 49.96	N20 00.97	133 11.45	S22 01.91	179 40.65	09.61	S19 27.59	08.34	57.08
22	079 15.63	149 14.69	S22 53.90	085 06.48	S03 06.32	338 57.25	N23 07.46	011 52.56	N20 00.96	148 11.19	S22 01.55	194 09.26	09.57	S19 35.93	08.23	57.06
23	094 18.10	164 13.76	S22 53.56	100 07.28	S03 05.56	354 00.07	N23 07.49	026 55.16	N20 00.95	163 10.94	S22 01.18	208 37.83	09.54	S19 44.17	08.12	57.04
10 00	109 20.56	179 12.82	S22 53.21	115 08.09	S03 04.79	009 02.89	N23 07.52	041 57.76	N20 00.94	178 10.68	S22 00.82	223 06.37	09.50	S19 52.29	08.01	57.02
01	124 23.02	194 11.89	S22 52.87	130 08.89	S03 04.03	024 05.71	N23 07.55	057 00.36	N20 00.93	193 10.43	S22 00.45	237 34.87	09.47	S20 00.30	07.90	57.00
02	139 25.49	209 10.96	S22 52.52	145 09.69	S03 03.26	039 08.53	N23 07.57	072 02.96	N20 00.92	208 10.17	S22 00.08	252 03.34	09.43	S20 08.20	07.78	56.98
03	154 27.95	224 10.03	S22 52.17	160 10.49	S03 02.49	054 11.35	N23 07.60	087 05.56	N20 00.91	223 09.92	S21 59.71	266 31.77	09.40	S20 15.98	07.67	56.96
04	169 30.42	239 09.11	S22 51.82	175 11.30	S03 01.73	069 14.17	N23 07.63	102 08.16	N20 00.90	238 09.66	S21 59.35	281 00.16	09.36	S20 23.65	07.55	56.94
05	184 32.88	254 08.18	S22 51.47	190 12.10	S03 00.96	084 16.99	N23 07.66	117 10.76	N20 00.88	253 09.41	S21 58.98	295 28.53	09.33	S20 31.20	07.44	56.92
06	199 35.35	269 07.25	S22 51.12	205 12.90	S03 00.20	099 19.81	N23 07.69	132 13.36	N20 00.87	268 09.15	S21 58.61	309 56.85	09.29	S20 38.63	07.32	56.90
07	214 37.81	284 06.32	S22 50.76	220 13.70	S02 59.43	114 22.63	N23 07.72	147 15.96	N20 00.86	283 08.90	S21 58.24	324 25.15	09.26	S20 45.95	07.20	56.88
08	229 40.27	299 05.39	S22 50.41	235 14.51	S02 58.66	129 25.45	N23 07.75	162 18.56	N20 00.85	298 08.64	S21 57.86	338 53.41	09.23	S20 53.16	07.08	56.85
09	244 42.74	314 04.46	S22 50.05	250 15.31	S02 57.90	144 28.27	N23 07.78	177 21.16	N20 00.84	313 08.39	S21 57.49	353 21.64	09.20	S21 00.24	06.97	56.83
10	259 45.20	329 03.54	S22 49.70	265 16.11	S02 57.13	159 31.09	N23 07.81	192 23.76	N20 00.83	328 08.13	S21 57.12	007 49.83	09.16	S21 07.21	06.85	56.81
11	274 47.67	344 02.61	S22 49.34	280 16.92	S02 56.36	174 33.91	N23 07.84	207 26.36	N20 00.82	343 07.88	S21 56.75	022 18.00	09.13	S21 14.05	06.73	56.79
12	289 50.13	359 01.68	S22 48.98	295 17.72	S02 55.60	189 36.73	N23 07.86	222 28.96	N20 00.81	358 07.63	S21 56.37	036 46.13	09.10	S21 20.78	06.60	56.77
13	304 52.59	014 00.75	S22 48.62	310 18.52	S02 54.83	204 39.55	N23 07.89	237 31.56	N20 00.80	013 07.37	S21 56.00	051 14.23	09.07	S21 27.38	06.48	56.75
14	319 55.06	028 59.83	S22 48.26	325 19.32	S02 54.07	219 42.37	N23 07.92	252 34.16	N20 00.79	028 07.12	S21 55.62	065 42.31	09.05	S21 33.87	06.36	56.73
15	334 57.52	043 58.90	S22 47.89	340 20.13	S02 53.30	234 45.18	N23 07.95	267 36.75	N20 00.78	043 06.87	S21 55.24	080 10.35	09.02	S21 40.23	06.24	56.71
16	349 59.99	058 57.98	S22 47.53	355 20.93	S02 52.53	249 48.00	N23 07.98	282 39.35	N20 00.77	058 06.62	S21 54.87	094 38.37	08.99	S21 46.47	06.12	56.69
17	005 02.45	073 57.05	S22 47.16	010 21.73	S02 51.77	264 50.82	N23 08.01	297 41.95	N20 00.76	073 06.36	S21 54.49	109 06.36	08.96	S21 52.58	05.99	56.67
18	020 04.92	088 56.13	S22 46.80	025 22.54	S02 51.00	279 53.64	N23 08.04	312 44.55	N20 00.75	088 06.11	S21 54.11	123 34.33	08.94	S21 58.57	05.87	56.65
19	035 07.38	103 55.20	S22 46.43	040 23.34	S02 50.23	294 56.46	N23 08.07	327 47.15	N20 00.74	103 05.86	S21 53.73	138 02.26	08.91	S22 04.44	05.74	56.63
20	050 09.84	118 54.28	S22 46.06	055 24.14	S02 49.47	309 59.28	N23 08.09	342 49.74	N20 00.73	118 05.61	S21 53.35	152 30.17	08.89	S22 10.19	05.62	56.61
21	065 12.31	133 53.35	S22 45.69	070 24.95	S02 48.70	325 02.09	N23 08.12	357 52.34	N20 00.72	133 05.36	S21 52.97	166 58.06	08.86	S22 15.80	05.49	56.59
22	080 14.77	148 52.43	S22 45.32	085 25.75	S02 47.94	340 04.91	N23 08.15	012 54.94	N20 00.71	148 05.11	S21 52.59	181 25.93	08.84	S22 21.30	05.37	56.57
23	095 17.24	163 51.50	S22 44.94	100 26.55	S02 47.17	355 07.73	N23 08.18	027 57.54	N20 00.70	163 04.86	S21 52.20	195 53.77	08.82	S22 26.66	05.24	56.55
		v -0.93	d 0.35	v 0.80	d 0.77	v 2.82	d 0.03	v 2.60	d 0.01	v -0.26	d 0.37	SD	15.61	15.47		
		HP 0.09		HP 0.09						SD 16.26	HP 0.15					

Friday January 11, 2002 through Saturday January 12, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
11 00	110 19.70	178 50.58	S22 44.57	115 27.36	S02 46.40	010 10.55	N23 08.21	043 00.13	N20 00.69	178 04.61	S21 51.82	210 21.59	08.80	S22 31.90	05.11	56.53
01	125 22.16	193 49.66	S22 44.19	130 28.16	S02 45.64	025 13.36	N23 08.24	058 02.73	N20 00.68	193 04.36	S21 51.44	224 49.39	08.78	S22 37.01	04.98	56.51
02	140 24.63	208 48.74	S22 43.82	145 28.96	S02 44.87	040 16.18	N23 08.27	073 05.32	N20 00.67	208 04.11	S21 51.05	239 17.16	08.76	S22 42.00	04.86	56.49
03	155 27.09	223 47.81	S22 43.44	160 29.77	S02 44.10	055 19.00	N23 08.30	088 07.92	N20 00.66	223 03.86	S21 50.66	253 44.92	08.74	S22 46.85	04.73	56.47
04	170 29.56	238 46.89	S22 43.06	175 30.57	S02 43.34	070 21.82	N23 08.32	103 10.52	N20 00.65	238 03.61	S21 50.28	268 12.66	08.72	S22 51.58	04.60	56.45
05	185 32.02	253 45.97	S22 42.68	190 31.37	S02 42.57	085 24.63	N23 08.35	118 13.11	N20 00.64	253 03.36	S21 49.89	282 40.39	08.71	S22 56.18	04.47	56.43
06	200 34.49	268 45.05	S22 42.30	205 32.18	S02 41.80	100 27.45	N23 08.38	133 15.71	N20 00.63	268 03.11	S21 49.50	297 08.09	08.69	S23 00.65	04.34	56.41
07	215 36.95	283 44.13	S22 41.92	220 32.98	S02 41.04	115 30.27	N23 08.41	148 18.30	N20 00.62	283 02.86	S21 49.11	311 35.78	08.68	S23 04.99	04.21	56.39
08	230 39.41	298 43.21	S22 41.53	235 33.78	S02 40.27	130 33.08	N23 08.44	163 20.90	N20 00.61	298 02.61	S21 48.73	326 03.46	08.66	S23 09.20	04.08	56.37
09	245 41.88	313 42.29	S22 41.15	250 34.59	S02 39.51	145 35.90	N23 08.47	178 23.50	N20 00.60	313 02.36	S21 48.34	340 31.12	08.65	S23 13.28	03.95	56.35
10	260 44.34	328 41.37	S22 40.76	265 35.39	S02 38.74	160 38.72	N23 08.50	193 26.09	N20 00.59	328 02.12	S21 47.94	354 58.78	08.64	S23 17.23	03.82	56.33
11	275 46.81	343 40.45	S22 40.38	280 36.20	S02 37.97	175 41.53	N23 08.52	208 28.69	N20 00.58	343 01.87	S21 47.55	009 26.42	08.63	S23 21.05	03.69	56.31
12	290 49.27	358 39.53	S22 39.99	295 37.00	S02 37.21	190 44.35	N23 08.55	223 31.28	N20 00.57	358 01.62	S21 47.16	023 54.05	08.62	S23 24.74	03.56	56.29
13	305 51.74	013 38.61	S22 39.60	310 37.80	S02 36.44	205 47.17	N23 08.58	238 33.87	N20 00.56	013 01.37	S21 46.77	038 21.67	08.61	S23 28.30	03.43	56.27
14	320 54.20	028 37.69	S22 39.21	325 38.61	S02 35.67	220 49.98	N23 08.61	253 36.47	N20 00.55	028 01.13	S21 46.37	052 49.28	08.61	S23 31.73	03.29	56.25
15	335 56.66	043 36.77	S22 38.81	340 39.41	S02 34.91	235 52.80	N23 08.64	268 39.06	N20 00.55	043 00.88	S21 45.98	067 16.88	08.60	S23 35.02	03.16	56.23
16	350 59.13	058 35.85	S22 38.42	355 40.22	S02 34.14	250 55.61	N23 08.67	283 41.66	N20 00.54	058 00.63	S21 45.58	081 44.48	08.59	S23 38.18	03.03	56.21
17	006 01.59	073 34.94	S22 38.03	010 41.02	S02 33.37	265 58.43	N23 08.69	298 44.25	N20 00.53	073 00.39	S21 45.19	096 12.08	08.59	S23 41.21	02.90	56.19
18	021 04.06	088 34.02	S22 37.63	025 41.82	S02 32.61	281 01.25	N23 08.72	313 46.84	N20 00.52	088 00.14	S21 44.79	110 39.67	08.59	S23 44.11	02.77	56.17
19	036 06.52	103 33.10	S22 37.23	040 42.63	S02 31.84	296 04.06	N23 08.75	328 49.44	N20 00.51	102 59.90	S21 44.39	125 07.26	08.59	S23 46.87	02.63	56.15
20	051 08.98	118 32.19	S22 36.84	055 43.43	S02 31.07	311 06.88	N23 08.78	343 52.03	N20 00.50	117 59.65	S21 44.00	139 34.84	08.59	S23 49.51	02.50	56.13
21	066 11.45	133 31.27	S22 36.44	070 44.24	S02 30.31	326 09.69	N23 08.81	358 54.63	N20 00.49	132 59.41	S21 43.60	154 02.43	08.59	S23 52.01	02.37	56.11
22	081 13.91	148 30.35	S22 36.04	085 45.04	S02 29.54	341 12.51	N23 08.84	013 57.22	N20 00.48	147 59.16	S21 43.20	168 30.02	08.59	S23 54.37	02.23	56.09
23	096 16.38	163 29.44	S22 35.63	100 45.85	S02 28.77	356 15.32	N23 08.86	028 59.81	N20 00.47	162 58.92	S21 42.80	182 57.61	08.59	S23 56.61	02.10	56.07
12 00	111 18.84	178 28.52	S22 35.23	115 46.65	S02 28.01	011 18.14	N23 08.89	044 02.40	N20 00.46	177 58.67	S21 42.40	197 25.20	08.60	S23 58.71	01.97	56.05
01	126 21.31	193 27.61	S22 34.83	130 47.45	S02 27.24	026 20.95	N23 08.92	059 05.00	N20 00.45	192 58.43	S21 42.00	211 52.80	08.60	S24 00.68	01.84	56.03
02	141 23.77	208 26.69	S22 34.42	145 48.26	S02 26.47	041 23.77	N23 08.95	074 07.59	N20 00.44	207 58.18	S21 41.59	226 20.40	08.61	S24 02.51	01.70	56.01
03	156 26.23	223 25.78	S22 34.01	160 49.06	S02 25.71	056 26.58	N23 08.98	089 10.18	N20 00.43	222 57.94	S21 41.19	240 48.01	08.62	S24 04.22	01.57	55.99
04	171 28.70	238 24.87	S22 33.61	175 49.87	S02 24.94	071 29.39	N23 09.00	104 12.77	N20 00.42	237 57.70	S21 40.79	255 15.63	08.63	S24 05.79	01.44	55.97
05	186 31.16	253 23.95	S22 33.20	190 50.67	S02 24.17	086 32.21	N23 09.03	119 15.36	N20 00.41	252 57.45	S21 40.38	269 43.25	08.64	S24 07.23	01.30	55.95
06	201 33.63	268 23.04	S22 32.79	205 51.48	S02 23.41	101 35.02	N23 09.06	134 17.96	N20 00.41	267 57.21	S21 39.98	284 10.89	08.65	S24 08.53	01.17	55.93
07	216 36.09	283 22.13	S22 32.38	220 52.28	S02 22.64	116 37.84	N23 09.09	149 20.55	N20 00.40	282 56.97	S21 39.57	298 38.54	08.66	S24 09.70	01.04	55.91
08	231 38.56	298 21.21	S22 31.96	235 53.09	S02 21.87	131 40.65	N23 09.12	164 23.14	N20 00.39	297 56.73	S21 39.16	313 06.20	08.68	S24 10.74	00.91	55.89
09	246 41.02	313 20.30	S22 31.55	250 53.89	S02 21.11	146 43.46	N23 09.14	179 25.73	N20 00.38	312 56.49	S21 38.75	327 33.88	08.69	S24 11.65	00.77	55.87
10	261 43.48	328 19.39	S22 31.14	265 54.70	S02 20.34	161 46.28	N23 09.17	194 28.32	N20 00.37	327 56.24	S21 38.35	342 01.57	08.71	S24 12.42	00.64	55.85
11	276 45.95	343 18.48	S22 30.72	280 55.50	S02 19.57	176 49.09	N23 09.20	209 30.91	N20 00.36	342 56.00	S21 37.94	356 29.28	08.73	S24 13.07	00.51	55.83
12	291 48.41	358 17.57	S22 30.30	295 56.30	S02 18.81	191 51.90	N23 09.23	224 33.50	N20 00.35	357 55.76	S21 37.53	010 57.00	08.74	S24 13.58	00.38	55.81
13	306 50.88	013 16.66	S22 29.88	310 57.11	S02 18.04	206 54.72	N23 09.26	239 36.09	N20 00.34	012 55.52	S21 37.12	025 24.75	08.76	S24 13.96	00.25	55.79
14	321 53.34	028 15.75	S22 29.46	325 57.91	S02 17.27	221 57.53	N23 09.28	254 38.68	N20 00.33	027 55.28	S21 36.71	039 52.51	08.79	S24 14.20	00.12	55.77
15	336 55.80	043 14.84	S22 29.04	340 58.72	S02 16.51	237 00.34	N23 09.31	269 41.27	N20 00.32	042 55.04	S21 36.29	054 20.30	08.81	S24 14.32	00.02	55.75
16	351 58.27	058 13.93	S22 28.62	355 59.52	S02 15.74	252 03.16	N23 09.34	284 43.86	N20 00.32	057 54.80	S21 35.88	068 48.10	08.83	S24 14.30	00.15	55.74
17	007 00.73	073 13.02	S22 28.20	011 00.33	S02 14.97	267 05.97	N23 09.37	299 46.45	N20 00.31	072 54.56	S21 35.47	083 15.94	08.86	S24 14.16	00.28	55.72
18	022 03.20	088 12.11	S22 27.77	026 01.13	S02 14.21	282 08.78	N23 09.39	314 49.04	N20 00.30	087 54.32	S21 35.05	097 43.79	08.88	S24 13.88	00.41	55.70
19	037 05.66	103 11.20	S22 27.35	041 01.94	S02 13.44	297 11.59	N23 09.42	329 51.63	N20 00.29	102 54.08	S21 34.64	112 11.67	08.91	S24 13.47	00.54	55.68
20	052 08.13	118 10.29	S22 26.92	056 02.74	S02 12.67	312 14.41	N23 09.45	344 54.22	N20 00.28	117 53.84	S21 34.22	126 39.58	08.94	S24 12.94	00.67	55.66
21	067 10.59	133 09.38	S22 26.49	071 03.55	S02 11.91	327 17.22	N23 09.48	359 56.81	N20 00.27	132 53.60	S21 33.81	141 07.52	08.97	S24 12.27	00.80	55.64
22	082 13.05	148 08.48	S22 26.06	086 04.36	S02 11.14	342 20.03	N23 09.51	014 59.40	N20 00.26	147 53.36	S21 33.39	155 35.49	09.00	S24 11.47	00.92	55.62
23	097 15.52	163 07.57	S22 25.63	101 05.16	S02 10.37	357 22.84	N23 09.53	030 01.99	N20 00.25	162 53.13	S21 32.97	170 03.49	09.03	S24 10.55	01.05	55.60
		v -0.91	d 0.40	v 0.80	d 0.77	v 2.81	d 0.03	v 2.59	d 0.01	v -0.24	d 0.40	SD	15.34	15.21		
		HP 0.09		HP 0.09						SD 16.26	HP 0.15					

Sunday January 13, 2002 through Monday January 14, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
13 00	112 17.98	178 06.66	S22 25.20	116 05.97	S02 09.61	012 25.65	N23 09.56	045 04.58	N20 00.25	177 52.89	S21 32.55	184 31.52	09.06	S24 09.50	01.18	55.58
01	127 20.45	193 05.76	S22 24.77	131 06.77	S02 08.84	027 28.47	N23 09.59	060 07.17	N20 00.24	192 52.65	S21 32.13	198 59.58	09.10	S24 08.32	01.31	55.56
02	142 22.91	208 04.85	S22 24.33	146 07.58	S02 08.07	042 31.28	N23 09.62	075 09.75	N20 00.23	207 52.41	S21 31.71	213 27.68	09.13	S24 07.01	01.44	55.54
03	157 25.38	223 03.94	S22 23.90	161 08.38	S02 07.31	057 34.09	N23 09.64	090 12.34	N20 00.22	222 52.18	S21 31.29	227 55.81	09.17	S24 05.57	01.56	55.53
04	172 27.84	238 03.04	S22 23.46	176 09.19	S02 06.54	072 36.90	N23 09.67	105 14.93	N20 00.21	237 51.94	S21 30.87	242 23.97	09.20	S24 04.01	01.69	55.51
05	187 30.30	253 02.13	S22 23.03	191 09.99	S02 05.77	087 39.71	N23 09.70	120 17.52	N20 00.20	252 51.70	S21 30.45	256 52.18	09.24	S24 02.32	01.82	55.49
06	202 32.77	268 01.23	S22 22.59	206 10.80	S02 05.01	102 42.52	N23 09.73	135 20.10	N20 00.20	267 51.47	S21 30.03	271 20.42	09.28	S24 00.50	01.94	55.47
07	217 35.23	283 00.33	S22 22.15	221 11.60	S02 04.24	117 45.33	N23 09.75	150 22.69	N20 00.19	282 51.23	S21 29.60	285 48.70	09.32	S23 58.56	02.07	55.45
08	232 37.70	297 59.42	S22 21.71	236 12.41	S02 03.47	132 48.14	N23 09.78	165 25.28	N20 00.18	297 50.99	S21 29.18	300 17.03	09.36	S23 56.49	02.19	55.43
09	247 40.16	312 58.52	S22 21.26	251 13.21	S02 02.71	147 50.95	N23 09.81	180 27.87	N20 00.17	312 50.76	S21 28.75	314 45.39	09.41	S23 54.30	02.31	55.41
10	262 42.62	327 57.62	S22 20.82	266 14.02	S02 01.94	162 53.76	N23 09.84	195 30.45	N20 00.16	327 50.52	S21 28.33	329 13.80	09.45	S23 51.99	02.44	55.40
11	277 45.09	342 56.71	S22 20.38	281 14.83	S02 01.17	177 56.57	N23 09.86	210 33.04	N20 00.15	342 50.29	S21 27.90	343 42.25	09.49	S23 49.55	02.56	55.38
12	292 47.55	357 55.81	S22 19.93	296 15.63	S02 00.40	192 59.38	N23 09.89	225 35.63	N20 00.15	357 50.05	S21 27.48	358 10.74	09.54	S23 46.99	02.68	55.36
13	307 50.02	012 54.91	S22 19.48	311 16.44	S01 59.64	208 02.19	N23 09.92	240 38.21	N20 00.14	012 49.82	S21 27.05	012 39.28	09.58	S23 44.31	02.80	55.34
14	322 52.48	027 54.01	S22 19.03	326 17.24	S01 58.87	223 05.00	N23 09.95	255 40.80	N20 00.13	027 49.58	S21 26.62	027 07.86	09.63	S23 41.50	02.93	55.32
15	337 54.95	042 53.11	S22 18.59	341 18.05	S01 58.10	238 07.81	N23 09.97	270 43.38	N20 00.12	042 49.35	S21 26.19	041 36.49	09.68	S23 38.58	03.05	55.30
16	352 57.41	057 52.20	S22 18.13	356 18.85	S01 57.34	253 10.62	N23 10.00	285 45.97	N20 00.11	057 49.12	S21 25.76	056 05.17	09.73	S23 35.53	03.17	55.29
17	007 59.87	072 51.30	S22 17.68	011 19.66	S01 56.57	268 13.43	N23 10.03	300 48.56	N20 00.10	072 48.88	S21 25.33	070 33.90	09.78	S23 32.37	03.28	55.27
18	023 02.34	087 50.40	S22 17.23	026 20.47	S01 55.80	283 16.24	N23 10.06	315 51.14	N20 00.10	087 48.65	S21 24.90	085 02.68	09.83	S23 29.08	03.40	55.25
19	038 04.80	102 49.50	S22 16.78	041 21.27	S01 55.04	298 19.05	N23 10.08	330 53.73	N20 00.09	102 48.42	S21 24.46	099 31.51	09.88	S23 25.68	03.52	55.23
20	053 07.27	117 48.61	S22 16.32	056 22.08	S01 54.27	313 21.86	N23 10.11	345 56.31	N20 00.08	117 48.19	S21 24.03	114 00.39	09.93	S23 22.16	03.64	55.22
21	068 09.73	132 47.71	S22 15.86	071 22.88	S01 53.50	328 24.67	N23 10.14	000 58.90	N20 00.07	132 47.95	S21 23.60	128 29.32	09.99	S23 18.52	03.75	55.20
22	083 12.19	147 46.81	S22 15.41	086 23.69	S01 52.74	343 27.48	N23 10.16	016 01.48	N20 00.06	147 47.72	S21 23.16	142 58.31	10.04	S23 14.76	03.87	55.18
23	098 14.66	162 45.91	S22 14.95	101 24.50	S01 51.97	358 30.29	N23 10.19	031 04.07	N20 00.06	162 47.49	S21 22.73	157 27.35	10.09	S23 10.89	03.99	55.16
14 00	113 17.12	177 45.01	S22 14.49	116 25.30	S01 51.20	013 33.09	N23 10.22	046 06.65	N20 00.05	177 47.26	S21 22.29	171 56.44	10.15	S23 06.91	04.10	55.15
01	128 19.59	192 44.11	S22 14.03	131 26.11	S01 50.44	028 35.90	N23 10.25	061 09.23	N20 00.04	192 47.03	S21 21.86	186 25.59	10.20	S23 02.81	04.21	55.13
02	143 22.05	207 43.22	S22 13.56	146 26.91	S01 49.67	043 38.71	N23 10.27	076 11.82	N20 00.03	207 46.80	S21 21.42	200 54.79	10.26	S22 58.59	04.33	55.11
03	158 24.52	222 42.32	S22 13.10	161 27.72	S01 48.90	058 41.52	N23 10.30	091 14.40	N20 00.02	222 46.57	S21 20.98	215 24.06	10.32	S22 54.27	04.44	55.09
04	173 26.98	237 41.43	S22 12.64	176 28.53	S01 48.14	073 44.33	N23 10.33	106 16.99	N20 00.02	237 46.34	S21 20.54	229 53.37	10.38	S22 49.83	04.55	55.08
05	188 29.44	252 40.53	S22 12.17	191 29.33	S01 47.37	088 47.13	N23 10.35	121 19.57	N20 00.01	252 46.11	S21 20.10	244 22.75	10.43	S22 45.28	04.66	55.06
06	203 31.91	267 39.63	S22 11.70	206 30.14	S01 46.60	103 49.94	N23 10.38	136 22.15	N20 00.00	267 45.88	S21 19.66	258 52.18	10.49	S22 40.62	04.77	55.04
07	218 34.37	282 38.74	S22 11.24	221 30.95	S01 45.84	118 52.75	N23 10.41	151 24.74	N19 59.99	282 45.65	S21 19.22	273 21.68	10.55	S22 35.85	04.88	55.03
08	233 36.84	297 37.84	S22 10.77	236 31.75	S01 45.07	133 55.56	N23 10.43	166 27.32	N19 59.99	297 45.42	S21 18.78	287 51.23	10.61	S22 30.97	04.99	55.01
09	248 39.30	312 36.95	S22 10.30	251 32.56	S01 44.30	148 58.36	N23 10.46	181 29.90	N19 59.98	312 45.19	S21 18.34	302 20.84	10.67	S22 25.98	05.10	54.99
10	263 41.76	327 36.06	S22 09.82	266 33.37	S01 43.54	164 01.17	N23 10.49	196 32.48	N19 59.97	327 44.96	S21 17.90	316 50.52	10.74	S22 20.88	05.20	54.98
11	278 44.23	342 35.16	S22 09.35	281 34.17	S01 42.77	179 03.98	N23 10.52	211 35.07	N19 59.96	342 44.73	S21 17.45	331 20.25	10.80	S22 15.68	05.31	54.96
12	293 46.69	357 34.27	S22 08.88	296 34.98	S01 42.00	194 06.78	N23 10.54	226 37.65	N19 59.96	357 44.50	S21 17.01	345 50.05	10.86	S22 10.37	05.41	54.94
13	308 49.16	012 33.38	S22 08.40	311 35.79	S01 41.24	209 09.59	N23 10.57	241 40.23	N19 59.95	012 44.28	S21 16.56	000 19.91	10.92	S22 04.96	05.52	54.93
14	323 51.62	027 32.48	S22 07.93	326 36.59	S01 40.47	224 12.40	N23 10.60	256 42.81	N19 59.94	027 44.05	S21 16.12	014 49.83	10.98	S21 59.44	05.62	54.91
15	338 54.09	042 31.59	S22 07.45	341 37.40	S01 39.70	239 15.20	N23 10.62	271 45.39	N19 59.93	042 43.82	S21 15.67	029 19.82	11.05	S21 53.82	05.72	54.89
16	353 56.55	057 30.70	S22 06.97	356 38.20	S01 38.94	254 18.01	N23 10.65	286 47.97	N19 59.93	057 43.59	S21 15.22	043 49.86	11.11	S21 48.10	05.83	54.88
17	008 59.01	072 29.81	S22 06.49	011 39.01	S01 38.17	269 20.81	N23 10.68	301 50.56	N19 59.92	072 43.37	S21 14.78	058 19.98	11.18	S21 42.27	05.93	54.86
18	024 01.48	087 28.92	S22 06.01	026 39.82	S01 37.40	284 23.62	N23 10.70	316 53.14	N19 59.91	087 43.14	S21 14.33	072 50.15	11.24	S21 36.34	06.03	54.85
19	039 03.94	102 28.03	S22 05.53	041 40.63	S01 36.64	299 26.42	N23 10.73	331 55.72	N19 59.90	102 42.92	S21 13.88	087 20.39	11.30	S21 30.32	06.13	54.83
20	054 06.41	117 27.14	S22 05.04	056 41.43	S01 35.87	314 29.23	N23 10.76	346 58.30	N19 59.90	117 42.69	S21 13.43	101 50.70	11.37	S21 24.19	06.22	54.81
21	069 08.87	132 26.25	S22 04.56	071 42.24	S01 35.10	329 32.04	N23 10.78	002 00.88	N19 59.89	132 42.47	S21 12.98	116 21.07	11.44	S21 17.97	06.32	54.80
22	084 11.33	147 25.36	S22 04.07	086 43.05	S01 34.34	344 34.84	N23 10.81	017 03.46	N19 59.88	147 42.24	S21 12.53	130 51.50	11.50	S21 11.65	06.42	54.78
23	099 13.80	162 24.47	S22 03.59	101 43.85	S01 33.57	359 37.65	N23 10.84	032 06.04	N19 59.87	162 42.02	S21 12.07	145 22.00	11.57	S21 05.23	06.51	54.77
		v -0.90	d 0.46	v 0.81	d 0.77	v 2.81	d 0.03	v 2.58	d 0.01	v -0.23	d 0.44	SD	15.09	14.97		
		HP 0.09		HP 0.09						SD 16.26	HP 0.15					

Tuesday January 15, 2002 through Wednesday January 16, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
15 00	114 16.26	177 23.58	S22 03.10	116 44.66	S01 32.80	014 40.45	N23 10.86	047 08.62	N19 59.87	177 41.79	S21 11.62	159 52.57	11.63	S20 58.71	06.61	54.75
01	129 18.73	192 22.70	S22 02.61	131 45.47	S01 32.03	029 43.25	N23 10.89	062 11.20	N19 59.86	192 41.57	S21 11.17	174 23.20	11.70	S20 52.10	06.70	54.74
02	144 21.19	207 21.81	S22 02.12	146 46.27	S01 31.27	044 46.06	N23 10.92	077 13.78	N19 59.85	207 41.34	S21 10.71	188 53.90	11.76	S20 45.40	06.80	54.72
03	159 23.66	222 20.92	S22 01.63	161 47.08	S01 30.50	059 48.86	N23 10.94	092 16.36	N19 59.84	222 41.12	S21 10.26	203 24.66	11.83	S20 38.60	06.89	54.71
04	174 26.12	237 20.03	S22 01.14	176 47.89	S01 29.73	074 51.67	N23 10.97	107 18.94	N19 59.84	237 40.90	S21 09.80	217 55.49	11.90	S20 31.71	06.98	54.69
05	189 28.58	252 19.15	S22 00.64	191 48.69	S01 28.97	089 54.47	N23 11.00	122 21.52	N19 59.83	252 40.67	S21 09.35	232 26.39	11.96	S20 24.73	07.07	54.68
06	204 31.05	267 18.26	S22 00.15	206 49.50	S01 28.20	104 57.28	N23 11.02	137 24.10	N19 59.82	267 40.45	S21 08.89	246 57.36	12.03	S20 17.66	07.16	54.66
07	219 33.51	282 17.38	S21 59.65	221 50.31	S01 27.44	120 00.08	N23 11.05	152 26.68	N19 59.82	282 40.23	S21 08.43	261 28.39	12.10	S20 10.50	07.25	54.65
08	234 35.98	297 16.49	S21 59.16	236 51.12	S01 26.67	135 02.88	N23 11.08	167 29.25	N19 59.81	297 40.01	S21 07.97	275 59.48	12.16	S20 03.25	07.34	54.64
09	249 38.44	312 15.61	S21 58.66	251 51.92	S01 25.90	150 05.69	N23 11.10	182 31.83	N19 59.80	312 39.78	S21 07.51	290 30.65	12.23	S19 55.91	07.43	54.62
10	264 40.90	327 14.72	S21 58.16	266 52.73	S01 25.14	165 08.49	N23 11.13	197 34.41	N19 59.80	327 39.56	S21 07.05	305 01.88	12.30	S19 48.48	07.51	54.61
11	279 43.37	342 13.84	S21 57.66	281 53.54	S01 24.37	180 11.29	N23 11.15	212 36.99	N19 59.79	342 39.34	S21 06.59	319 33.18	12.36	S19 40.97	07.60	54.59
12	294 45.83	357 12.96	S21 57.15	296 54.35	S01 23.60	195 14.09	N23 11.18	227 39.57	N19 59.78	357 39.12	S21 06.13	334 04.54	12.43	S19 33.38	07.68	54.58
13	309 48.30	012 12.07	S21 56.65	311 55.15	S01 22.84	210 16.90	N23 11.21	242 42.15	N19 59.77	012 38.90	S21 05.67	348 35.97	12.50	S19 25.69	07.76	54.57
14	324 50.76	027 11.19	S21 56.15	326 55.96	S01 22.07	225 19.70	N23 11.23	257 44.72	N19 59.77	027 38.68	S21 05.21	003 07.47	12.56	S19 17.93	07.85	54.55
15	339 53.22	042 10.31	S21 55.64	341 56.77	S01 21.30	240 22.50	N23 11.26	272 47.30	N19 59.76	042 38.46	S21 04.74	017 39.03	12.63	S19 10.08	07.93	54.54
16	354 55.69	057 09.43	S21 55.14	356 57.57	S01 20.54	255 25.30	N23 11.29	287 49.88	N19 59.75	057 38.24	S21 04.28	032 10.66	12.70	S19 02.15	08.01	54.53
17	009 58.15	072 08.55	S21 54.63	011 58.38	S01 19.77	270 28.11	N23 11.31	302 52.45	N19 59.75	072 38.02	S21 03.81	046 42.36	12.76	S18 54.14	08.09	54.51
18	025 00.62	087 07.67	S21 54.12	026 59.19	S01 19.00	285 30.91	N23 11.34	317 55.03	N19 59.74	087 37.80	S21 03.35	061 14.12	12.83	S18 46.05	08.17	54.50
19	040 03.08	102 06.78	S21 53.61	041 60.00	S01 18.24	300 33.71	N23 11.36	332 57.61	N19 59.73	102 37.58	S21 02.88	075 45.95	12.89	S18 37.88	08.25	54.49
20	055 05.55	117 05.90	S21 53.10	057 00.80	S01 17.47	315 36.51	N23 11.39	348 00.18	N19 59.73	117 37.36	S21 02.42	090 17.84	12.96	S18 29.63	08.33	54.48
21	070 08.01	132 05.03	S21 52.59	072 01.61	S01 16.70	330 39.31	N23 11.42	003 02.76	N19 59.72	132 37.14	S21 01.95	104 49.80	13.02	S18 21.31	08.40	54.46
22	085 10.47	147 04.15	S21 52.07	087 02.42	S01 15.94	345 42.11	N23 11.44	018 05.34	N19 59.71	147 36.93	S21 01.48	119 21.83	13.09	S18 12.91	08.48	54.45
23	100 12.94	162 03.27	S21 51.56	102 03.23	S01 15.17	000 44.91	N23 11.47	033 07.91	N19 59.71	162 36.71	S21 01.01	133 53.92	13.15	S18 04.43	08.55	54.44
16 00	115 15.40	177 02.39	S21 51.04	117 04.04	S01 14.40	015 47.72	N23 11.50	048 10.49	N19 59.70	177 36.49	S21 00.54	148 26.07	13.22	S17 55.88	08.63	54.43
01	130 17.87	192 01.51	S21 50.53	132 04.84	S01 13.64	030 50.52	N23 11.52	063 13.06	N19 59.69	192 36.27	S21 00.07	162 58.29	13.28	S17 47.25	08.70	54.42
02	145 20.33	207 00.63	S21 50.01	147 05.65	S01 12.87	045 53.32	N23 11.55	078 15.64	N19 59.69	207 36.06	S20 59.60	177 30.57	13.35	S17 38.55	08.77	54.41
03	160 22.79	221 59.76	S21 49.49	162 06.46	S01 12.10	060 56.12	N23 11.57	093 18.21	N19 59.68	222 35.84	S20 59.13	192 02.92	13.41	S17 29.78	08.84	54.39
04	175 25.26	236 58.88	S21 48.97	177 07.27	S01 11.34	075 58.92	N23 11.60	108 20.79	N19 59.68	237 35.62	S20 58.66	206 35.33	13.47	S17 20.94	08.91	54.38
05	190 27.72	251 58.00	S21 48.45	192 08.07	S01 10.57	091 01.72	N23 11.62	123 23.36	N19 59.67	252 35.41	S20 58.18	221 07.80	13.54	S17 12.02	08.98	54.37
06	205 30.19	266 57.13	S21 47.93	207 08.88	S01 09.80	106 04.52	N23 11.65	138 25.94	N19 59.66	267 35.19	S20 57.71	235 40.34	13.60	S17 03.04	09.05	54.36
07	220 32.65	281 56.25	S21 47.40	222 09.69	S01 09.04	121 07.32	N23 11.68	153 28.51	N19 59.66	282 34.98	S20 57.23	250 12.94	13.66	S16 53.99	09.12	54.35
08	235 35.12	296 55.38	S21 46.88	237 10.50	S01 08.27	136 10.12	N23 11.70	168 31.09	N19 59.65	297 34.76	S20 56.76	264 45.60	13.72	S16 44.87	09.19	54.34
09	250 37.58	311 54.50	S21 46.35	252 11.31	S01 07.51	151 12.91	N23 11.73	183 33.66	N19 59.64	312 34.55	S20 56.28	279 18.33	13.78	S16 35.68	09.25	54.33
10	265 40.04	326 53.63	S21 45.83	267 12.11	S01 06.74	166 15.71	N23 11.75	198 36.24	N19 59.64	327 34.33	S20 55.81	293 51.11	13.85	S16 26.43	09.32	54.32
11	280 42.51	341 52.76	S21 45.30	282 12.92	S01 05.97	181 18.51	N23 11.78	213 38.81	N19 59.63	342 34.12	S20 55.33	308 23.96	13.91	S16 17.11	09.38	54.31
12	295 44.97	356 51.88	S21 44.77	297 13.73	S01 05.21	196 21.31	N23 11.81	228 41.38	N19 59.62	357 33.91	S20 54.85	322 56.86	13.97	S16 07.73	09.45	54.30
13	310 47.44	011 51.01	S21 44.24	312 14.54	S01 04.44	211 24.11	N23 11.83	243 43.96	N19 59.62	012 33.69	S20 54.37	337 29.83	14.03	S15 58.28	09.51	54.29
14	325 49.90	026 50.14	S21 43.71	327 15.35	S01 03.67	226 26.91	N23 11.86	258 46.53	N19 59.61	027 33.48	S20 53.89	352 02.85	14.08	S15 48.77	09.57	54.28
15	340 52.36	041 49.27	S21 43.17	342 16.15	S01 02.91	241 29.71	N23 11.88	273 49.10	N19 59.61	042 33.27	S20 53.41	006 35.94	14.14	S15 39.20	09.63	54.27
16	355 54.83	056 48.39	S21 42.64	357 16.96	S01 02.14	256 32.51	N23 11.91	288 51.68	N19 59.60	057 33.05	S20 52.93	021 09.08	14.20	S15 29.57	09.69	54.26
17	010 57.29	071 47.52	S21 42.10	012 17.77	S01 01.38	271 35.30	N23 11.93	303 54.25	N19 59.59	072 32.84	S20 52.45	035 42.28	14.26	S15 19.88	09.75	54.25
18	025 59.76	086 46.65	S21 41.57	027 18.58	S01 00.61	286 38.10	N23 11.96	318 56.82	N19 59.59	087 32.63	S20 51.97	050 15.54	14.32	S15 10.12	09.81	54.24
19	041 02.22	101 45.78	S21 41.03	042 19.39	S00 59.84	301 40.90	N23 11.99	333 59.39	N19 59.58	102 32.42	S20 51.49	064 48.86	14.37	S15 00.31	09.87	54.24
20	056 04.68	116 44.91	S21 40.49	057 20.20	S00 59.08	316 43.70	N23 12.01	349 01.97	N19 59.58	117 32.21	S20 51.00	079 22.23	14.43	S14 50.44	09.93	54.23
21	071 07.15	131 44.04	S21 39.95	072 21.00	S00 58.31	331 46.49	N23 12.04	004 04.54	N19 59.57	132 31.99	S20 50.52	093 55.66	14.48	S14 40.52	09.98	54.22
22	086 09.61	146 43.17	S21 39.41	087 21.81	S00 57.54	346 49.29	N23 12.06	019 07.11	N19 59.56	147 31.78	S20 50.03	108 29.14	14.54	S14 30.54	10.04	54.21
23	101 12.08	161 42.31	S21 38.87	102 22.62	S00 56.78	001 52.09	N23 12.09	034 09.68	N19 59.56	162 31.57	S20 49.55	123 02.68	14.59	S14 20.50	10.09	54.20
		v -0.88	d 0.52	v 0.81	d 0.77	v 2.80	d 0.03	v 2.58	d 0.01	v -0.22	d 0.47	SD	14.87	14.80		
		HP 0.09		HP 0.09						SD 16.26	HP 0.15					

Thursday January 17, 2002 through Friday January 18, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
17 00	116 14.54	176 41.44	S21 38.33	117 23.43	S00 56.01	016 54.88	N23 12.11	049 12.25	N19 59.55	177 31.36	S20 49.06	137 36.28	14.65	S14 10.41	10.15	54.20
01	131 17.00	191 40.57	S21 37.78	132 24.24	S00 55.25	031 57.68	N23 12.14	064 14.82	N19 59.55	192 31.15	S20 48.57	152 09.92	14.70	S14 00.26	10.20	54.19
02	146 19.47	206 39.70	S21 37.24	147 25.05	S00 54.48	047 00.48	N23 12.16	079 17.39	N19 59.54	207 30.94	S20 48.09	166 43.62	14.75	S13 50.06	10.25	54.18
03	161 21.93	221 38.84	S21 36.69	162 25.85	S00 53.71	062 03.27	N23 12.19	094 19.96	N19 59.54	222 30.73	S20 47.60	181 17.37	14.80	S13 39.81	10.30	54.17
04	176 24.40	236 37.97	S21 36.15	177 26.66	S00 52.95	077 06.07	N23 12.22	109 22.54	N19 59.53	237 30.53	S20 47.11	195 51.18	14.85	S13 29.50	10.35	54.17
05	191 26.86	251 37.10	S21 35.60	192 27.47	S00 52.18	092 08.86	N23 12.24	124 25.11	N19 59.52	252 30.32	S20 46.62	210 25.03	14.91	S13 19.15	10.40	54.16
06	206 29.33	266 36.24	S21 35.05	207 28.28	S00 51.42	107 11.66	N23 12.27	139 27.68	N19 59.52	267 30.11	S20 46.13	224 58.94	14.95	S13 08.75	10.45	54.16
07	221 31.79	281 35.37	S21 34.50	222 29.09	S00 50.65	122 14.46	N23 12.29	154 30.25	N19 59.51	282 29.90	S20 45.64	239 32.89	15.00	S12 58.29	10.50	54.15
08	236 34.25	296 34.51	S21 33.95	237 29.90	S00 49.88	137 17.25	N23 12.32	169 32.82	N19 59.51	297 29.69	S20 45.15	254 06.89	15.05	S12 47.79	10.55	54.14
09	251 36.72	311 33.65	S21 33.39	252 30.71	S00 49.12	152 20.05	N23 12.34	184 35.39	N19 59.50	312 29.49	S20 44.65	268 40.95	15.10	S12 37.24	10.60	54.14
10	266 39.18	326 32.78	S21 32.84	267 31.51	S00 48.35	167 22.84	N23 12.37	199 37.96	N19 59.50	327 29.28	S20 44.16	283 15.05	15.15	S12 26.64	10.64	54.13
11	281 41.65	341 31.92	S21 32.28	282 32.32	S00 47.59	182 25.63	N23 12.39	214 40.52	N19 59.49	342 29.07	S20 43.67	297 49.19	15.19	S12 16.00	10.69	54.13
12	296 44.11	356 31.06	S21 31.73	297 33.13	S00 46.82	197 28.43	N23 12.42	229 43.09	N19 59.48	357 28.87	S20 43.17	312 23.39	15.24	S12 05.31	10.73	54.12
13	311 46.57	011 30.19	S21 31.17	312 33.94	S00 46.05	212 31.22	N23 12.44	244 45.66	N19 59.48	012 28.66	S20 42.68	326 57.63	15.28	S11 54.58	10.78	54.12
14	326 49.04	026 29.33	S21 30.61	327 34.75	S00 45.29	227 34.02	N23 12.47	259 48.23	N19 59.47	027 28.45	S20 42.18	341 31.91	15.33	S11 43.80	10.82	54.11
15	341 51.50	041 28.47	S21 30.05	342 35.56	S00 44.52	242 36.81	N23 12.49	274 50.80	N19 59.47	042 28.25	S20 41.68	356 06.24	15.37	S11 32.98	10.86	54.11
16	356 53.97	056 27.61	S21 29.49	357 36.37	S00 43.76	257 39.61	N23 12.52	289 53.37	N19 59.46	057 28.04	S20 41.19	010 40.61	15.41	S11 22.12	10.90	54.10
17	011 56.43	071 26.75	S21 28.93	012 37.18	S00 42.99	272 42.40	N23 12.54	304 55.94	N19 59.46	072 27.84	S20 40.69	025 15.02	15.46	S11 11.21	10.95	54.10
18	026 58.89	086 25.89	S21 28.36	027 37.99	S00 42.22	287 45.19	N23 12.57	319 58.50	N19 59.45	087 27.63	S20 40.19	039 49.48	15.50	S11 00.27	10.99	54.10
19	042 01.36	101 25.03	S21 27.80	042 38.79	S00 41.46	302 47.99	N23 12.59	335 01.07	N19 59.45	102 27.43	S20 39.69	054 23.98	15.54	S10 49.28	11.03	54.09
20	057 03.82	116 24.17	S21 27.23	057 39.60	S00 40.69	317 50.78	N23 12.62	350 03.64	N19 59.44	117 27.23	S20 39.19	068 58.52	15.58	S10 38.26	11.06	54.09
21	072 06.29	131 23.31	S21 26.67	072 40.41	S00 39.93	332 53.57	N23 12.64	005 06.21	N19 59.44	132 27.02	S20 38.69	083 33.09	15.62	S10 27.19	11.10	54.09
22	087 08.75	146 22.45	S21 26.10	087 41.22	S00 39.16	347 56.36	N23 12.67	020 08.77	N19 59.43	147 26.82	S20 38.19	098 07.71	15.65	S10 16.09	11.14	54.09
23	102 11.21	161 21.60	S21 25.53	102 42.03	S00 38.40	002 59.16	N23 12.69	035 11.34	N19 59.43	162 26.62	S20 37.69	112 42.36	15.69	S10 04.95	11.18	54.08
18 00	117 13.68	176 20.74	S21 24.96	117 42.84	S00 37.63	018 01.95	N23 12.72	050 13.91	N19 59.42	177 26.41	S20 37.18	127 17.05	15.73	S09 53.77	11.21	54.08
01	132 16.14	191 19.88	S21 24.39	132 43.65	S00 36.86	033 04.74	N23 12.74	065 16.48	N19 59.42	192 26.21	S20 36.68	141 51.78	15.76	S09 42.56	11.25	54.08
02	147 18.61	206 19.03	S21 23.82	147 44.46	S00 36.10	048 07.53	N23 12.77	080 19.04	N19 59.41	207 26.01	S20 36.18	156 26.54	15.80	S09 31.31	11.28	54.08
03	162 21.07	221 18.17	S21 23.25	162 45.27	S00 35.33	063 10.32	N23 12.79	095 21.61	N19 59.41	222 25.81	S20 35.67	171 01.34	15.83	S09 20.03	11.32	54.08
04	177 23.54	236 17.32	S21 22.67	177 46.08	S00 34.57	078 13.12	N23 12.82	110 24.17	N19 59.40	237 25.61	S20 35.17	185 36.17	15.87	S09 08.71	11.35	54.07
05	192 26.00	251 16.46	S21 22.10	192 46.89	S00 33.80	093 15.91	N23 12.84	125 26.74	N19 59.40	252 25.41	S20 34.66	200 11.04	15.90	S08 57.36	11.38	54.07
06	207 28.46	266 15.61	S21 21.52	207 47.69	S00 33.04	108 18.70	N23 12.87	140 29.31	N19 59.39	267 25.20	S20 34.15	214 45.94	15.93	S08 45.97	11.42	54.07
07	222 30.93	281 14.75	S21 20.94	222 48.50	S00 32.27	123 21.49	N23 12.89	155 31.87	N19 59.39	282 25.00	S20 33.65	229 20.87	15.96	S08 34.56	11.45	54.07
08	237 33.39	296 13.90	S21 20.36	237 49.31	S00 31.50	138 24.28	N23 12.92	170 34.44	N19 59.38	297 24.80	S20 33.14	243 55.83	15.99	S08 23.11	11.48	54.07
09	252 35.86	311 13.05	S21 19.78	252 50.12	S00 30.74	153 27.07	N23 12.94	185 37.00	N19 59.38	312 24.60	S20 32.63	258 30.82	16.02	S08 11.63	11.51	54.07
10	267 38.32	326 12.19	S21 19.20	267 50.93	S00 29.97	168 29.86	N23 12.97	200 39.57	N19 59.37	327 24.41	S20 32.12	273 05.83	16.05	S08 00.12	11.54	54.07
11	282 40.78	341 11.34	S21 18.62	282 51.74	S00 29.21	183 32.65	N23 12.99	215 42.13	N19 59.37	342 24.21	S20 31.61	287 40.88	16.07	S07 48.58	11.57	54.07
12	297 43.25	356 10.49	S21 18.04	297 52.55	S00 28.44	198 35.44	N23 13.02	230 44.70	N19 59.36	357 24.01	S20 31.10	302 15.95	16.10	S07 37.02	11.59	54.07
13	312 45.71	011 09.64	S21 17.45	312 53.36	S00 27.68	213 38.23	N23 13.04	245 47.26	N19 59.36	012 23.81	S20 30.59	316 51.05	16.13	S07 25.42	11.62	54.07
14	327 48.18	026 08.79	S21 16.87	327 54.17	S00 26.91	228 41.02	N23 13.07	260 49.83	N19 59.35	027 23.61	S20 30.08	331 26.18	16.15	S07 13.80	11.65	54.08
15	342 50.64	041 07.94	S21 16.28	342 54.98	S00 26.15	243 43.81	N23 13.09	275 52.39	N19 59.35	042 23.41	S20 29.56	346 01.33	16.17	S07 02.15	11.67	54.08
16	357 53.10	056 07.09	S21 15.69	357 55.79	S00 25.38	258 46.60	N23 13.11	290 54.95	N19 59.34	057 23.22	S20 29.05	000 36.50	16.20	S06 50.48	11.70	54.08
17	012 55.57	071 06.24	S21 15.11	012 56.60	S00 24.62	273 49.39	N23 13.14	305 57.52	N19 59.34	072 23.02	S20 28.53	015 11.70	16.22	S06 38.78	11.73	54.08
18	027 58.03	086 05.39	S21 14.52	027 57.41	S00 23.85	288 52.18	N23 13.16	321 00.08	N19 59.33	087 22.82	S20 28.02	029 46.92	16.24	S06 27.05	11.75	54.08
19	043 00.50	101 04.54	S21 13.93	042 58.22	S00 23.08	303 54.97	N23 13.19	336 02.64	N19 59.33	102 22.62	S20 27.50	044 22.16	16.26	S06 15.30	11.77	54.09
20	058 02.96	116 03.69	S21 13.33	057 59.03	S00 22.32	318 57.75	N23 13.21	351 05.21	N19 59.32	117 22.43	S20 26.99	058 57.42	16.28	S06 03.53	11.80	54.09
21	073 05.42	131 02.84	S21 12.74	072 59.84	S00 21.55	334 00.54	N23 13.24	006 07.77	N19 59.32	132 22.23	S20 26.47	073 32.70	16.30	S05 51.73	11.82	54.09
22	088 07.89	146 02.00	S21 12.15	088 00.65	S00 20.79	349 03.33	N23 13.26	021 10.33	N19 59.31	147 22.04	S20 25.95	088 07.99	16.31	S05 39.91	11.84	54.10
23	103 10.35	161 01.15	S21 11.55	103 01.46	S00 20.02	004 06.12	N23 13.29	036 12.90	N19 59.31	162 21.84	S20 25.44	102 43.31	16.33	S05 28.07	11.86	54.10
		v -0.86	d 0.57	v 0.81	d 0.77	v 2.79	d 0.02	v 2.57	d 0.01	v -0.20	d 0.50	SD	14.75	14.73		
		HP 0.09		HP 0.09						SD 16.26	HP 0.15					

Saturday January 19, 2002 through Sunday January 20, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
19 00	118 12.82	176 00.30	S21 10.95	118 02.27	S00 19.26	019 08.91	N23 13.31	051 15.46	N19 59.31	177 21.65	S20 24.92	117 18.64	16.35	S05 16.21	11.88	54.10
01	133 15.28	190 59.46	S21 10.36	133 03.08	S00 18.49	034 11.69	N23 13.34	066 18.02	N19 59.30	192 21.45	S20 24.40	131 53.98	16.36	S05 04.33	11.90	54.11
02	148 17.74	205 58.61	S21 09.76	148 03.89	S00 17.73	049 14.48	N23 13.36	081 20.58	N19 59.30	207 21.26	S20 23.88	146 29.35	16.37	S04 52.43	11.92	54.11
03	163 20.21	220 57.77	S21 09.16	163 04.69	S00 16.96	064 17.27	N23 13.38	096 23.14	N19 59.29	222 21.06	S20 23.36	161 04.72	16.39	S04 40.51	11.94	54.12
04	178 22.67	235 56.92	S21 08.56	178 05.50	S00 16.20	079 20.05	N23 13.41	111 25.71	N19 59.29	237 20.87	S20 22.83	175 40.11	16.40	S04 28.57	11.96	54.12
05	193 25.14	250 56.08	S21 07.96	193 06.31	S00 15.43	094 22.84	N23 13.43	126 28.27	N19 59.28	252 20.68	S20 22.31	190 15.51	16.41	S04 16.61	11.98	54.13
06	208 27.60	265 55.24	S21 07.35	208 07.12	S00 14.67	109 25.63	N23 13.46	141 30.83	N19 59.28	267 20.48	S20 21.79	204 50.92	16.42	S04 04.64	11.99	54.13
07	223 30.07	280 54.39	S21 06.75	223 07.93	S00 13.90	124 28.41	N23 13.48	156 33.39	N19 59.28	282 20.29	S20 21.27	219 26.34	16.43	S03 52.64	12.01	54.14
08	238 32.53	295 53.55	S21 06.14	238 08.74	S00 13.14	139 31.20	N23 13.50	171 35.95	N19 59.27	297 20.10	S20 20.74	234 01.76	16.44	S03 40.64	12.02	54.15
09	253 34.99	310 52.71	S21 05.54	253 09.55	S00 12.37	154 33.99	N23 13.53	186 38.51	N19 59.27	312 19.91	S20 20.22	248 37.20	16.44	S03 28.61	12.04	54.15
10	268 37.46	325 51.87	S21 04.93	268 10.36	S00 11.61	169 36.77	N23 13.55	201 41.07	N19 59.26	327 19.72	S20 19.69	263 12.65	16.45	S03 16.57	12.05	54.16
11	283 39.92	340 51.03	S21 04.32	283 11.17	S00 10.84	184 39.56	N23 13.58	216 43.63	N19 59.26	342 19.52	S20 19.16	277 48.10	16.45	S03 04.52	12.07	54.17
12	298 42.39	355 50.19	S21 03.71	298 11.98	S00 10.08	199 42.34	N23 13.60	231 46.19	N19 59.25	357 19.33	S20 18.64	292 23.55	16.46	S02 52.45	12.08	54.17
13	313 44.85	010 49.35	S21 03.10	313 12.79	S00 09.31	214 45.13	N23 13.63	246 48.75	N19 59.25	012 19.14	S20 18.11	306 59.01	16.46	S02 40.37	12.09	54.18
14	328 47.31	025 48.51	S21 02.49	328 13.60	S00 08.55	229 47.91	N23 13.65	261 51.31	N19 59.25	027 18.95	S20 17.58	321 34.47	16.46	S02 28.28	12.10	54.19
15	343 49.78	040 47.67	S21 01.88	343 14.41	S00 07.78	244 50.70	N23 13.67	276 53.87	N19 59.24	042 18.76	S20 17.05	336 09.94	16.47	S02 16.18	12.12	54.20
16	358 52.24	055 46.83	S21 01.26	358 15.22	S00 07.02	259 53.48	N23 13.70	291 56.43	N19 59.24	057 18.57	S20 16.52	350 45.40	16.47	S02 04.06	12.13	54.21
17	013 54.71	070 45.99	S21 00.65	013 16.03	S00 06.26	274 56.26	N23 13.72	306 58.99	N19 59.23	072 18.38	S20 15.99	005 20.87	16.47	S01 51.93	12.14	54.21
18	028 57.17	085 45.16	S21 00.03	028 16.84	S00 05.49	289 59.05	N23 13.75	322 01.55	N19 59.23	087 18.19	S20 15.46	019 56.33	16.46	S01 39.80	12.15	54.22
19	043 59.63	100 44.32	S20 59.42	043 17.66	S00 04.73	305 01.83	N23 13.77	337 04.11	N19 59.23	102 18.00	S20 14.93	034 31.80	16.46	S01 27.65	12.16	54.23
20	059 02.10	115 43.48	S20 58.80	058 18.47	S00 03.96	320 04.62	N23 13.79	352 06.67	N19 59.22	117 17.82	S20 14.40	049 07.26	16.46	S01 15.50	12.16	54.24
21	074 04.56	130 42.65	S20 58.18	073 19.28	S00 03.20	335 07.40	N23 13.82	007 09.23	N19 59.22	132 17.63	S20 13.87	063 42.71	16.45	S01 03.33	12.17	54.25
22	089 07.03	145 41.81	S20 57.56	088 20.09	S00 02.43	350 10.18	N23 13.84	022 11.78	N19 59.22	147 17.44	S20 13.33	078 18.17	16.45	S00 51.16	12.18	54.26
23	104 09.49	160 40.97	S20 56.94	103 20.90	S00 01.67	005 12.96	N23 13.86	037 14.34	N19 59.21	162 17.25	S20 12.80	092 53.61	16.44	S00 38.98	12.18	54.27
20 00	119 11.95	175 40.14	S20 56.32	118 21.71	S00 00.90	020 15.75	N23 13.89	052 16.90	N19 59.21	177 17.07	S20 12.26	107 29.05	16.43	S00 26.80	12.19	54.28
01	134 14.42	190 39.31	S20 55.69	133 22.52	S00 00.14	035 18.53	N23 13.91	067 19.46	N19 59.20	192 16.88	S20 11.73	122 04.49	16.42	S00 14.61	12.20	54.30
02	149 16.88	205 38.47	S20 55.07	148 23.33	N00 00.63	050 21.31	N23 13.94	082 22.02	N19 59.20	207 16.69	S20 11.19	136 39.91	16.41	S00 02.41	12.20	54.31
03	164 19.35	220 37.64	S20 54.44	163 24.14	N00 01.39	065 24.09	N23 13.96	097 24.57	N19 59.20	222 16.51	S20 10.66	151 15.32	16.40	N00 09.79	12.20	54.32
04	179 21.81	235 36.81	S20 53.81	178 24.95	N00 02.15	080 26.88	N23 13.98	112 27.13	N19 59.19	237 16.32	S20 10.12	165 50.73	16.39	N00 21.99	12.21	54.33
05	194 24.27	250 35.97	S20 53.19	193 25.76	N00 02.92	095 29.66	N23 14.01	127 29.69	N19 59.19	252 16.14	S20 09.58	180 26.12	16.38	N00 34.20	12.21	54.34
06	209 26.74	265 35.14	S20 52.56	208 26.57	N00 03.68	110 32.44	N23 14.03	142 32.24	N19 59.19	267 15.95	S20 09.04	195 01.50	16.36	N00 46.41	12.21	54.36
07	224 29.20	280 34.31	S20 51.93	223 27.38	N00 04.45	125 35.22	N23 14.05	157 34.80	N19 59.18	282 15.77	S20 08.50	209 36.86	16.35	N00 58.63	12.21	54.37
08	239 31.67	295 33.48	S20 51.30	238 28.19	N00 05.21	140 38.00	N23 14.08	172 37.36	N19 59.18	297 15.58	S20 07.96	224 12.21	16.33	N01 10.84	12.22	54.38
09	254 34.13	310 32.65	S20 50.66	253 29.00	N00 05.98	155 40.78	N23 14.10	187 39.91	N19 59.18	312 15.40	S20 07.42	238 47.55	16.32	N01 23.06	12.22	54.40
10	269 36.60	325 31.82	S20 50.03	268 29.81	N00 06.74	170 43.56	N23 14.13	202 42.47	N19 59.17	327 15.21	S20 06.88	253 22.86	16.30	N01 35.27	12.22	54.41
11	284 39.06	340 30.99	S20 49.40	283 30.62	N00 07.50	185 46.34	N23 14.15	217 45.02	N19 59.17	342 15.03	S20 06.34	267 58.16	16.28	N01 47.49	12.22	54.42
12	299 41.52	355 30.16	S20 48.76	298 31.43	N00 08.27	200 49.12	N23 14.17	232 47.58	N19 59.17	357 14.85	S20 05.79	282 33.44	16.26	N01 59.70	12.21	54.44
13	314 43.99	010 29.33	S20 48.13	313 32.24	N00 09.03	215 51.90	N23 14.20	247 50.14	N19 59.16	012 14.66	S20 05.25	297 08.70	16.24	N02 11.92	12.21	54.45
14	329 46.45	025 28.51	S20 47.49	328 33.05	N00 09.80	230 54.68	N23 14.22	262 52.69	N19 59.16	027 14.48	S20 04.71	311 43.94	16.22	N02 24.13	12.21	54.47
15	344 48.92	040 27.68	S20 46.85	343 33.86	N00 10.56	245 57.46	N23 14.24	277 55.25	N19 59.16	042 14.30	S20 04.16	326 19.16	16.19	N02 36.34	12.21	54.48
16	359 51.38	055 26.85	S20 46.21	358 34.67	N00 11.33	261 00.24	N23 14.27	292 57.80	N19 59.15	057 14.12	S20 03.62	340 54.36	16.17	N02 48.54	12.20	54.50
17	014 53.84	070 26.03	S20 45.57	013 35.49	N00 12.09	276 03.02	N23 14.29	308 00.36	N19 59.15	072 13.94	S20 03.07	355 29.53	16.15	N03 00.74	12.20	54.51
18	029 56.31	085 25.20	S20 44.93	028 36.30	N00 12.85	291 05.80	N23 14.31	323 02.91	N19 59.15	087 13.76	S20 02.52	010 04.67	16.12	N03 12.94	12.19	54.53
19	044 58.77	100 24.37	S20 44.28	043 37.11	N00 13.62	306 08.58	N23 14.34	338 05.46	N19 59.14	102 13.57	S20 01.98	024 39.79	16.09	N03 25.13	12.19	54.55
20	060 01.24	115 23.55	S20 43.64	058 37.92	N00 14.38	321 11.36	N23 14.36	353 08.02	N19 59.14	117 13.39	S20 01.43	039 14.88	16.06	N03 37.32	12.18	54.56
21	075 03.70	130 22.72	S20 42.99	073 38.73	N00 15.14	336 14.14	N23 14.38	008 10.57	N19 59.14	132 13.21	S20 00.88	053 49.95	16.03	N03 49.50	12.17	54.58
22	090 06.16	145 21.90	S20 42.35	088 39.54	N00 15.91	351 16.91	N23 14.41	023 13.13	N19 59.13	147 13.03	S20 00.33	068 24.98	16.00	N04 01.67	12.16	54.60
23	105 08.63	160 21.08	S20 41.70	103 40.35	N00 16.67	006 19.69	N23 14.43	038 15.68	N19 59.13	162 12.85	S19 59.78	082 59.99	15.97	N04 13.83	12.16	54.62
		v -0.83	d 0.62	v 0.81	d 0.76	v 2.78	d 0.02	v 2.56	d 0.00	v -0.19	d 0.54	SD	14.76	14.83		
		HP 0.09		HP 0.09						SD 16.25	HP 0.15					

Monday January 21, 2002 through Tuesday January 22, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
21 00	120 11.09	175 20.25	S20 41.05	118 41.16	N00 17.44	021 22.47	N23 14.45	053 18.23	N19 59.13	177 12.68	S19 59.23	097 34.96	15.94	N04 25.99	12.15	54.63
01	135 13.56	190 19.43	S20 40.40	133 41.97	N00 18.20	036 25.25	N23 14.48	068 20.79	N19 59.12	192 12.50	S19 58.68	112 09.90	15.91	N04 38.13	12.14	54.65
02	150 16.02	205 18.61	S20 39.75	148 42.78	N00 18.96	051 28.02	N23 14.50	083 23.34	N19 59.12	207 12.32	S19 58.13	126 44.81	15.87	N04 50.27	12.13	54.67
03	165 18.48	220 17.79	S20 39.10	163 43.59	N00 19.73	066 30.80	N23 14.52	098 25.89	N19 59.12	222 12.14	S19 57.58	141 19.68	15.84	N05 02.40	12.11	54.69
04	180 20.95	235 16.97	S20 38.45	178 44.40	N00 20.49	081 33.58	N23 14.55	113 28.44	N19 59.12	237 11.96	S19 57.02	155 54.52	15.80	N05 14.51	12.10	54.71
05	195 23.41	250 16.15	S20 37.80	193 45.22	N00 21.25	096 36.35	N23 14.57	128 31.00	N19 59.11	252 11.79	S19 56.47	170 29.32	15.76	N05 26.61	12.09	54.73
06	210 25.88	265 15.33	S20 37.14	208 46.03	N00 22.02	111 39.13	N23 14.59	143 33.55	N19 59.11	267 11.61	S19 55.91	185 04.08	15.72	N05 38.70	12.08	54.75
07	225 28.34	280 14.51	S20 36.49	223 46.84	N00 22.78	126 41.91	N23 14.61	158 36.10	N19 59.11	282 11.43	S19 55.36	199 38.81	15.68	N05 50.78	12.06	54.77
08	240 30.80	295 13.69	S20 35.83	238 47.65	N00 23.54	141 44.68	N23 14.64	173 38.65	N19 59.10	297 11.26	S19 54.80	214 13.49	15.64	N06 02.84	12.05	54.79
09	255 33.27	310 12.87	S20 35.17	253 48.46	N00 24.31	156 47.46	N23 14.66	188 41.20	N19 59.10	312 11.08	S19 54.25	228 48.13	15.60	N06 14.89	12.03	54.81
10	270 35.73	325 12.05	S20 34.51	268 49.27	N00 25.07	171 50.23	N23 14.68	203 43.75	N19 59.10	327 10.90	S19 53.69	243 22.73	15.56	N06 26.92	12.02	54.83
11	285 38.20	340 11.24	S20 33.85	283 50.08	N00 25.83	186 53.01	N23 14.71	218 46.31	N19 59.10	342 10.73	S19 53.13	257 57.29	15.51	N06 38.93	12.00	54.85
12	300 40.66	355 10.42	S20 33.19	298 50.89	N00 26.60	201 55.78	N23 14.73	233 48.86	N19 59.09	357 10.55	S19 52.57	272 31.81	15.47	N06 50.93	11.98	54.87
13	315 43.13	010 09.60	S20 32.53	313 51.70	N00 27.36	216 58.56	N23 14.75	248 51.41	N19 59.09	012 10.38	S19 52.02	287 06.28	15.42	N07 02.91	11.96	54.89
14	330 45.59	025 08.79	S20 31.87	328 52.51	N00 28.12	232 01.33	N23 14.78	263 53.96	N19 59.09	027 10.20	S19 51.46	301 40.70	15.38	N07 14.88	11.94	54.92
15	345 48.05	040 07.97	S20 31.20	343 53.33	N00 28.89	247 04.11	N23 14.80	278 56.51	N19 59.09	042 10.03	S19 50.90	316 15.07	15.33	N07 26.82	11.92	54.94
16	000 50.52	055 07.16	S20 30.54	358 54.14	N00 29.65	262 06.88	N23 14.82	293 59.06	N19 59.08	057 09.86	S19 50.34	330 49.40	15.28	N07 38.74	11.90	54.96
17	015 52.98	070 06.34	S20 29.87	013 54.95	N00 30.41	277 09.65	N23 14.84	309 01.61	N19 59.08	072 09.68	S19 49.77	345 23.68	15.23	N07 50.65	11.88	54.98
18	030 55.45	085 05.53	S20 29.20	028 55.76	N00 31.18	292 12.43	N23 14.87	324 04.16	N19 59.08	087 09.51	S19 49.21	359 57.91	15.18	N08 02.53	11.86	55.01
19	045 57.91	100 04.71	S20 28.54	043 56.57	N00 31.94	307 15.20	N23 14.89	339 06.71	N19 59.08	102 09.34	S19 48.65	014 32.08	15.12	N08 14.39	11.84	55.03
20	061 00.37	115 03.90	S20 27.87	058 57.38	N00 32.70	322 17.97	N23 14.91	354 09.26	N19 59.07	117 09.16	S19 48.09	029 06.21	15.07	N08 26.23	11.81	55.05
21	076 02.84	130 03.09	S20 27.20	073 58.19	N00 33.47	337 20.75	N23 14.94	009 11.81	N19 59.07	132 08.99	S19 47.52	043 40.28	15.02	N08 38.04	11.79	55.08
22	091 05.30	145 02.28	S20 26.53	088 59.00	N00 34.23	352 23.52	N23 14.96	024 14.36	N19 59.07	147 08.82	S19 46.96	058 14.29	14.96	N08 49.83	11.76	55.10
23	106 07.77	160 01.47	S20 25.85	103 59.82	N00 34.99	007 26.29	N23 14.98	039 16.90	N19 59.07	162 08.65	S19 46.39	072 48.25	14.90	N09 01.59	11.74	55.13
22 00	121 10.23	175 00.65	S20 25.18	119 00.63	N00 35.75	022 29.07	N23 15.00	054 19.45	N19 59.06	177 08.48	S19 45.83	087 22.15	14.84	N09 13.33	11.71	55.15
01	136 12.69	189 59.84	S20 24.50	134 01.44	N00 36.52	037 31.84	N23 15.03	069 22.00	N19 59.06	192 08.31	S19 45.26	101 56.00	14.79	N09 25.04	11.68	55.18
02	151 15.16	204 59.03	S20 23.83	149 02.25	N00 37.28	052 34.61	N23 15.05	084 24.55	N19 59.06	207 08.14	S19 44.69	116 29.78	14.73	N09 36.72	11.65	55.20
03	166 17.62	219 58.22	S20 23.15	164 03.06	N00 38.04	067 37.38	N23 15.07	099 27.10	N19 59.06	222 07.97	S19 44.12	131 03.51	14.67	N09 48.37	11.62	55.23
04	181 20.09	234 57.42	S20 22.47	179 03.87	N00 38.81	082 40.15	N23 15.09	114 29.65	N19 59.06	237 07.80	S19 43.56	145 37.18	14.60	N09 60.00	11.59	55.26
05	196 22.55	249 56.61	S20 21.80	194 04.68	N00 39.57	097 42.92	N23 15.12	129 32.19	N19 59.05	252 07.63	S19 42.99	160 10.78	14.54	N10 11.59	11.56	55.28
06	211 25.01	264 55.80	S20 21.12	209 05.50	N00 40.33	112 45.69	N23 15.14	144 34.74	N19 59.05	267 07.46	S19 42.42	174 44.32	14.48	N10 23.16	11.53	55.31
07	226 27.48	279 54.99	S20 20.44	224 06.31	N00 41.09	127 48.46	N23 15.16	159 37.29	N19 59.05	282 07.29	S19 41.85	189 17.80	14.41	N10 34.69	11.50	55.34
08	241 29.94	294 54.19	S20 19.75	239 07.12	N00 41.86	142 51.24	N23 15.18	174 39.84	N19 59.05	297 07.12	S19 41.28	203 51.21	14.35	N10 46.19	11.46	55.36
09	256 32.41	309 53.38	S20 19.07	254 07.93	N00 42.62	157 54.01	N23 15.21	189 42.38	N19 59.05	312 06.96	S19 40.70	218 24.55	14.28	N10 57.65	11.43	55.39
10	271 34.87	324 52.57	S20 18.39	269 08.74	N00 43.38	172 56.78	N23 15.23	204 44.93	N19 59.04	327 06.79	S19 40.13	232 57.83	14.21	N11 09.08	11.39	55.42
11	286 37.34	339 51.77	S20 17.70	284 09.55	N00 44.14	187 59.54	N23 15.25	219 47.48	N19 59.04	342 06.62	S19 39.56	247 31.04	14.14	N11 20.47	11.36	55.45
12	301 39.80	354 50.96	S20 17.02	299 10.36	N00 44.91	203 02.31	N23 15.27	234 50.02	N19 59.04	357 06.45	S19 38.99	262 04.18	14.07	N11 31.83	11.32	55.47
13	316 42.26	009 50.16	S20 16.33	314 11.18	N00 45.67	218 05.08	N23 15.30	249 52.57	N19 59.04	012 06.29	S19 38.41	276 37.25	14.00	N11 43.15	11.28	55.50
14	331 44.73	024 49.36	S20 15.64	329 11.99	N00 46.43	233 07.85	N23 15.32	264 55.11	N19 59.04	027 06.12	S19 37.84	291 10.25	13.93	N11 54.44	11.24	55.53
15	346 47.19	039 48.55	S20 14.95	344 12.80	N00 47.19	248 10.62	N23 15.34	279 57.66	N19 59.03	042 05.96	S19 37.26	305 43.18	13.85	N12 05.68	11.20	55.56
16	001 49.66	054 47.75	S20 14.26	359 13.61	N00 47.95	263 13.39	N23 15.36	295 00.21	N19 59.03	057 05.79	S19 36.68	320 16.03	13.78	N12 16.88	11.16	55.59
17	016 52.12	069 46.95	S20 13.57	014 14.42	N00 48.72	278 16.16	N23 15.38	310 02.75	N19 59.03	072 05.62	S19 36.11	334 48.81	13.70	N12 28.05	11.12	55.62
18	031 54.58	084 46.15	S20 12.88	029 15.23	N00 49.48	293 18.93	N23 15.41	325 05.30	N19 59.03	087 05.46	S19 35.53	349 21.51	13.63	N12 39.17	11.08	55.65
19	046 57.05	099 45.34	S20 12.19	044 16.05	N00 50.24	308 21.69	N23 15.43	340 07.84	N19 59.03	102 05.30	S19 34.95	003 54.14	13.55	N12 50.24	11.03	55.68
20	061 59.51	114 44.54	S20 11.49	059 16.86	N00 51.00	323 24.46	N23 15.45	355 10.39	N19 59.03	117 05.13	S19 34.37	018 26.69	13.47	N13 01.28	10.99	55.71
21	077 01.98	129 43.74	S20 10.80	074 17.67	N00 51.77	338 27.23	N23 15.47	010 12.93	N19 59.02	132 04.97	S19 33.79	032 59.17	13.39	N13 12.27	10.94	55.74
22	092 04.44	144 42.94	S20 10.10	089 18.48	N00 52.53	353 30.00	N23 15.50	025 15.48	N19 59.02	147 04.80	S19 33.21	047 31.56	13.31	N13 23.21	10.90	55.77
23	107 06.90	159 42.14	S20 09.40	104 19.29	N00 53.29	008 32.76	N23 15.52	040 18.02	N19 59.02	162 04.64	S19 32.63	062 03.88	13.23	N13 34.10	10.85	55.80
		v -0.81	d 0.67	v 0.81	d 0.76	v 2.77	d 0.02	v 2.55	d 0.00	v -0.17	d 0.57	SD	14.95	15.11		
		HP 0.09		HP 0.09						SD 16.25	HP 0.15					

Wednesday January 23, 2002 through Thursday January 24, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
23 00	122 09.37	174 41.35	S20 08.70	119 20.10	N00 54.05	023 35.53	N23 15.54	055 20.56	N19 59.02	177 04.48	S19 32.05	076 36.11	13.15	N13 44.95	10.80	55.83
01	137 11.83	189 40.55	S20 08.00	134 20.92	N00 54.81	038 38.30	N23 15.56	070 23.11	N19 59.02	192 04.32	S19 31.47	091 08.26	13.07	N13 55.75	10.75	55.86
02	152 14.30	204 39.75	S20 07.30	149 21.73	N00 55.57	053 41.06	N23 15.58	085 25.65	N19 59.02	207 04.15	S19 30.89	105 40.33	12.99	N14 06.50	10.70	55.90
03	167 16.76	219 38.95	S20 06.60	164 22.54	N00 56.34	068 43.83	N23 15.61	100 28.19	N19 59.01	222 03.99	S19 30.31	120 12.31	12.90	N14 17.19	10.64	55.93
04	182 19.23	234 38.16	S20 05.90	179 23.35	N00 57.10	083 46.59	N23 15.63	115 30.74	N19 59.01	237 03.83	S19 29.72	134 44.22	12.82	N14 27.84	10.59	55.96
05	197 21.69	249 37.36	S20 05.20	194 24.16	N00 57.86	098 49.36	N23 15.65	130 33.28	N19 59.01	252 03.67	S19 29.14	149 16.03	12.73	N14 38.43	10.54	55.99
06	212 24.15	264 36.56	S20 04.49	209 24.98	N00 58.62	113 52.13	N23 15.67	145 35.82	N19 59.01	267 03.51	S19 28.55	163 47.76	12.64	N14 48.97	10.48	56.02
07	227 26.62	279 35.77	S20 03.79	224 25.79	N00 59.38	128 54.89	N23 15.69	160 38.37	N19 59.01	282 03.35	S19 27.97	178 19.40	12.55	N14 59.45	10.43	56.06
08	242 29.08	294 34.98	S20 03.08	239 26.60	N01 00.14	143 57.66	N23 15.72	175 40.91	N19 59.01	297 03.19	S19 27.38	192 50.95	12.46	N15 09.88	10.37	56.09
09	257 31.55	309 34.18	S20 02.37	254 27.41	N01 00.91	159 00.42	N23 15.74	190 43.45	N19 59.01	312 03.03	S19 26.79	207 22.42	12.38	N15 20.24	10.31	56.12
10	272 34.01	324 33.39	S20 01.66	269 28.22	N01 01.67	174 03.18	N23 15.76	205 45.99	N19 59.00	327 02.87	S19 26.21	221 53.79	12.28	N15 30.55	10.25	56.16
11	287 36.47	339 32.59	S20 00.95	284 29.04	N01 02.43	189 05.95	N23 15.78	220 48.54	N19 59.00	342 02.71	S19 25.62	236 25.08	12.19	N15 40.80	10.19	56.19
12	302 38.94	354 31.80	S20 00.24	299 29.85	N01 03.19	204 08.71	N23 15.80	235 51.08	N19 59.00	357 02.55	S19 25.03	250 56.27	12.10	N15 50.99	10.13	56.22
13	317 41.40	009 31.01	S19 59.53	314 30.66	N01 03.95	219 11.48	N23 15.82	250 53.62	N19 59.00	012 02.39	S19 24.44	265 27.37	12.01	N16 01.11	10.06	56.26
14	332 43.87	024 30.22	S19 58.82	329 31.47	N01 04.71	234 14.24	N23 15.85	265 56.16	N19 59.00	027 02.24	S19 23.85	279 58.38	11.91	N16 11.18	10.00	56.29
15	347 46.33	039 29.43	S19 58.11	344 32.28	N01 05.47	249 17.00	N23 15.87	280 58.70	N19 59.00	042 02.08	S19 23.26	294 29.30	11.82	N16 21.17	09.93	56.33
16	002 48.79	054 28.64	S19 57.39	359 33.10	N01 06.23	264 19.77	N23 15.89	296 01.24	N19 59.00	057 01.92	S19 22.67	309 00.12	11.73	N16 31.11	09.86	56.36
17	017 51.26	069 27.85	S19 56.68	014 33.91	N01 07.00	279 22.53	N23 15.91	311 03.78	N19 59.00	072 01.76	S19 22.08	323 30.84	11.63	N16 40.97	09.80	56.40
18	032 53.72	084 27.06	S19 55.96	029 34.72	N01 07.76	294 25.29	N23 15.93	326 06.32	N19 59.00	087 01.61	S19 21.49	338 01.47	11.53	N16 50.77	09.73	56.43
19	047 56.19	099 26.27	S19 55.24	044 35.53	N01 08.52	309 28.05	N23 15.95	341 08.86	N19 59.00	102 01.45	S19 20.89	352 32.00	11.44	N17 00.50	09.66	56.47
20	062 58.65	114 25.48	S19 54.52	059 36.34	N01 09.28	324 30.81	N23 15.98	356 11.40	N19 58.99	117 01.30	S19 20.30	007 02.44	11.34	N17 10.15	09.58	56.50
21	078 01.12	129 24.69	S19 53.80	074 37.16	N01 10.04	339 33.58	N23 16.00	011 13.94	N19 58.99	132 01.14	S19 19.71	021 32.78	11.24	N17 19.74	09.51	56.54
22	093 03.58	144 23.91	S19 53.08	089 37.97	N01 10.80	354 36.34	N23 16.02	026 16.48	N19 58.99	147 00.99	S19 19.11	036 03.02	11.14	N17 29.25	09.44	56.57
23	108 06.04	159 23.12	S19 52.36	104 38.78	N01 11.56	009 39.10	N23 16.04	041 19.02	N19 58.99	162 00.83	S19 18.52	050 33.16	11.04	N17 38.69	09.36	56.61
24 00	123 08.51	174 22.33	S19 51.64	119 39.59	N01 12.32	024 41.86	N23 16.06	056 21.56	N19 58.99	177 00.68	S19 17.92	065 03.20	10.94	N17 48.05	09.28	56.65
01	138 10.97	189 21.55	S19 50.91	134 40.40	N01 13.08	039 44.62	N23 16.08	071 24.10	N19 58.99	192 00.52	S19 17.32	079 33.14	10.84	N17 57.33	09.21	56.68
02	153 13.44	204 20.76	S19 50.19	149 41.22	N01 13.84	054 47.38	N23 16.11	086 26.64	N19 58.99	207 00.37	S19 16.73	094 02.98	10.74	N18 06.54	09.13	56.72
03	168 15.90	219 19.98	S19 49.46	164 42.03	N01 14.60	069 50.14	N23 16.13	101 29.18	N19 58.99	222 00.22	S19 16.13	108 32.72	10.64	N18 15.67	09.05	56.76
04	183 18.36	234 19.19	S19 48.74	179 42.84	N01 15.36	084 52.90	N23 16.15	116 31.72	N19 58.99	237 00.06	S19 15.53	123 02.36	10.53	N18 24.71	08.96	56.79
05	198 20.83	249 18.41	S19 48.01	194 43.65	N01 16.12	099 55.66	N23 16.17	131 34.26	N19 58.99	251 59.91	S19 14.93	137 31.89	10.43	N18 33.68	08.88	56.83
06	213 23.29	264 17.63	S19 47.28	209 44.47	N01 16.89	114 58.42	N23 16.19	146 36.79	N19 58.99	266 59.76	S19 14.33	152 01.32	10.33	N18 42.56	08.80	56.87
07	228 25.76	279 16.85	S19 46.55	224 45.28	N01 17.65	130 01.18	N23 16.21	161 39.33	N19 58.99	281 59.61	S19 13.73	166 30.65	10.23	N18 51.36	08.71	56.90
08	243 28.22	294 16.06	S19 45.82	239 46.09	N01 18.41	145 03.94	N23 16.23	176 41.87	N19 58.99	296 59.45	S19 13.13	180 59.88	10.12	N19 00.07	08.62	56.94
09	258 30.69	309 15.28	S19 45.09	254 46.90	N01 19.17	160 06.70	N23 16.26	191 44.41	N19 58.99	311 59.30	S19 12.53	195 29.00	10.02	N19 08.69	08.53	56.98
10	273 33.15	324 14.50	S19 44.35	269 47.72	N01 19.93	175 09.46	N23 16.28	206 46.94	N19 58.98	326 59.15	S19 11.93	209 58.02	09.91	N19 17.22	08.44	57.02
11	288 35.61	339 13.72	S19 43.62	284 48.53	N01 20.69	190 12.21	N23 16.30	221 49.48	N19 58.98	341 59.00	S19 11.32	224 26.93	09.81	N19 25.67	08.35	57.05
12	303 38.08	354 12.94	S19 42.89	299 49.34	N01 21.45	205 14.97	N23 16.32	236 52.02	N19 58.98	356 58.85	S19 10.72	238 55.74	09.70	N19 34.02	08.26	57.09
13	318 40.54	009 12.16	S19 42.15	314 50.15	N01 22.21	220 17.73	N23 16.34	251 54.55	N19 58.98	011 58.70	S19 10.12	253 24.44	09.60	N19 42.28	08.17	57.13
14	333 43.01	024 11.38	S19 41.41	329 50.96	N01 22.97	235 20.49	N23 16.36	266 57.09	N19 58.98	026 58.55	S19 09.51	267 53.04	09.49	N19 50.45	08.07	57.17
15	348 45.47	039 10.60	S19 40.68	344 51.78	N01 23.73	250 23.24	N23 16.38	281 59.63	N19 58.98	041 58.40	S19 08.91	282 21.53	09.39	N19 58.52	07.97	57.20
16	003 47.93	054 09.83	S19 39.94	359 52.59	N01 24.49	265 26.00	N23 16.40	297 02.16	N19 58.98	056 58.25	S19 08.30	296 49.91	09.28	N20 06.49	07.87	57.24
17	018 50.40	069 09.05	S19 39.20	014 53.40	N01 25.25	280 28.76	N23 16.42	312 04.70	N19 58.98	071 58.10	S19 07.69	311 18.19	09.17	N20 14.36	07.77	57.28
18	033 52.86	084 08.27	S19 38.46	029 54.21	N01 26.01	295 31.51	N23 16.45	327 07.24	N19 58.98	086 57.96	S19 07.09	325 46.37	09.07	N20 22.14	07.67	57.32
19	048 55.33	099 07.50	S19 37.71	044 55.03	N01 26.77	310 34.27	N23 16.47	342 09.77	N19 58.98	101 57.81	S19 06.48	340 14.44	08.96	N20 29.81	07.57	57.36
20	063 57.79	114 06.72	S19 36.97	059 55.84	N01 27.53	325 37.03	N23 16.49	357 12.31	N19 58.98	116 57.66	S19 05.87	354 42.40	08.86	N20 37.38	07.47	57.40
21	079 00.26	129 05.95	S19 36.23	074 56.65	N01 28.29	340 39.78	N23 16.51	012 14.84	N19 58.98	131 57.51	S19 05.26	009 10.25	08.75	N20 44.85	07.36	57.44
22	094 02.72	144 05.17	S19 35.48	089 57.46	N01 29.05	355 42.54	N23 16.53	027 17.38	N19 58.98	146 57.37	S19 04.65	023 38.01	08.64	N20 52.21	07.25	57.47
23	109 05.18	159 04.40	S19 34.74	104 58.28	N01 29.81	010 45.29	N23 16.55	042 19.91	N19 58.98	161 57.22	S19 04.04	038 05.65	08.54	N20 59.47	07.15	57.51
		v -0.79	d 0.72	v 0.81	d 0.76	v 2.76	d 0.02	v 2.54	d 0.00	v -0.15	d 0.60	SD	15.32	15.55		
		HP 0.09		HP 0.09						SD 16.25	HP 0.15					

Friday January 25, 2002 through Saturday January 26, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
25 00	124 07.65	174 03.62	S19 33.99	119 59.09	N01 30.56	025 48.05	N23 16.57	057 22.45	N19 58.98	176 57.08	S19 03.43	052 33.19	08.43	N21 06.61	07.04	57.55
01	139 10.11	189 02.85	S19 33.24	134 59.90	N01 31.32	040 50.80	N23 16.59	072 24.98	N19 58.98	191 56.93	S19 02.82	067 00.62	08.33	N21 13.65	06.93	57.59
02	154 12.58	204 02.08	S19 32.50	150 00.71	N01 32.08	055 53.56	N23 16.61	087 27.51	N19 58.98	206 56.78	S19 02.21	081 27.95	08.22	N21 20.58	06.81	57.63
03	169 15.04	219 01.31	S19 31.75	165 01.53	N01 32.84	070 56.31	N23 16.63	102 30.05	N19 58.98	221 56.64	S19 01.60	095 55.17	08.12	N21 27.39	06.70	57.67
04	184 17.50	234 00.54	S19 30.99	180 02.34	N01 33.60	085 59.07	N23 16.66	117 32.58	N19 58.98	236 56.49	S19 00.98	110 22.29	08.01	N21 34.09	06.58	57.71
05	199 19.97	248 59.76	S19 30.24	195 03.15	N01 34.36	101 01.82	N23 16.68	132 35.12	N19 58.98	251 56.35	S19 00.37	124 49.30	07.91	N21 40.67	06.47	57.75
06	214 22.43	263 58.99	S19 29.49	210 03.96	N01 35.12	116 04.57	N23 16.70	147 37.65	N19 58.98	266 56.21	S18 59.75	139 16.20	07.80	N21 47.14	06.35	57.78
07	229 24.90	278 58.22	S19 28.74	225 04.78	N01 35.88	131 07.33	N23 16.72	162 40.18	N19 58.98	281 56.06	S18 59.14	153 43.01	07.70	N21 53.49	06.23	57.82
08	244 27.36	293 57.45	S19 27.98	240 05.59	N01 36.64	146 10.08	N23 16.74	177 42.72	N19 58.98	296 55.92	S18 58.52	168 09.71	07.60	N21 59.72	06.11	57.86
09	259 29.83	308 56.69	S19 27.23	255 06.40	N01 37.40	161 12.83	N23 16.76	192 45.25	N19 58.98	311 55.78	S18 57.91	182 36.30	07.49	N22 05.83	05.99	57.90
10	274 32.29	323 55.92	S19 26.47	270 07.21	N01 38.16	176 15.58	N23 16.78	207 47.78	N19 58.98	326 55.63	S18 57.29	197 02.80	07.39	N22 11.81	05.86	57.94
11	289 34.75	338 55.15	S19 25.71	285 08.03	N01 38.92	191 18.34	N23 16.80	222 50.31	N19 58.98	341 55.49	S18 56.67	211 29.19	07.29	N22 17.68	05.74	57.98
12	304 37.22	353 54.38	S19 24.95	300 08.84	N01 39.67	206 21.09	N23 16.82	237 52.85	N19 58.98	356 55.35	S18 56.06	225 55.48	07.19	N22 23.42	05.61	58.02
13	319 39.68	008 53.62	S19 24.20	315 09.65	N01 40.43	221 23.84	N23 16.84	252 55.38	N19 58.98	011 55.21	S18 55.44	240 21.67	07.09	N22 29.03	05.48	58.06
14	334 42.15	023 52.85	S19 23.43	330 10.47	N01 41.19	236 26.59	N23 16.86	267 57.91	N19 58.98	026 55.07	S18 54.82	254 47.75	06.99	N22 34.51	05.35	58.10
15	349 44.61	038 52.08	S19 22.67	345 11.28	N01 41.95	251 29.34	N23 16.88	283 00.44	N19 58.98	041 54.93	S18 54.20	269 13.74	06.89	N22 39.86	05.22	58.14
16	004 47.08	053 51.32	S19 21.91	000 12.09	N01 42.71	266 32.09	N23 16.90	298 02.97	N19 58.99	056 54.79	S18 53.58	283 39.63	06.79	N22 45.09	05.09	58.18
17	019 49.54	068 50.56	S19 21.15	015 12.90	N01 43.47	281 34.84	N23 16.92	313 05.50	N19 58.99	071 54.65	S18 52.96	298 05.42	06.69	N22 50.18	04.96	58.21
18	034 52.00	083 49.79	S19 20.38	030 13.72	N01 44.23	296 37.59	N23 16.95	328 08.04	N19 58.99	086 54.51	S18 52.34	312 31.12	06.60	N22 55.13	04.82	58.25
19	049 54.47	098 49.03	S19 19.62	045 14.53	N01 44.99	311 40.34	N23 16.97	343 10.57	N19 58.99	101 54.37	S18 51.71	326 56.72	06.50	N22 59.96	04.69	58.29
20	064 56.93	113 48.27	S19 18.85	060 15.34	N01 45.74	326 43.09	N23 16.99	358 13.10	N19 58.99	116 54.23	S18 51.09	341 22.22	06.41	N23 04.64	04.55	58.33
21	079 59.40	128 47.50	S19 18.08	075 16.15	N01 46.50	341 45.84	N23 17.01	013 15.63	N19 58.99	131 54.09	S18 50.47	355 47.63	06.31	N23 09.19	04.41	58.37
22	095 01.86	143 46.74	S19 17.32	090 16.97	N01 47.26	356 48.59	N23 17.03	028 18.16	N19 58.99	146 53.95	S18 49.84	010 12.94	06.22	N23 13.60	04.27	58.41
23	110 04.32	158 45.98	S19 16.55	105 17.78	N01 48.02	011 51.34	N23 17.05	043 20.69	N19 58.99	161 53.81	S18 49.22	024 38.16	06.13	N23 17.88	04.13	58.45
26 00	125 06.79	173 45.22	S19 15.78	120 18.59	N01 48.78	026 54.09	N23 17.07	058 23.22	N19 58.99	176 53.68	S18 48.59	039 03.29	06.04	N23 22.00	03.99	58.48
01	140 09.25	188 44.46	S19 15.01	135 19.41	N01 49.53	041 56.84	N23 17.09	073 25.75	N19 58.99	191 53.54	S18 47.97	053 28.33	05.95	N23 25.99	03.84	58.52
02	155 11.72	203 43.70	S19 14.23	150 20.22	N01 50.29	056 59.59	N23 17.11	088 28.28	N19 58.99	206 53.40	S18 47.34	067 53.28	05.86	N23 29.83	03.70	58.56
03	170 14.18	218 42.94	S19 13.46	165 21.03	N01 51.05	072 02.34	N23 17.13	103 30.81	N19 58.99	221 53.27	S18 46.72	082 18.15	05.78	N23 33.53	03.55	58.60
04	185 16.65	233 42.18	S19 12.69	180 21.84	N01 51.81	087 05.08	N23 17.15	118 33.33	N19 58.99	236 53.13	S18 46.09	096 42.92	05.69	N23 37.08	03.40	58.64
05	200 19.11	248 41.42	S19 11.91	195 22.66	N01 52.57	102 07.83	N23 17.17	133 35.86	N19 58.99	251 52.99	S18 45.46	111 07.62	05.61	N23 40.49	03.26	58.68
06	215 21.57	263 40.67	S19 11.14	210 23.47	N01 53.32	117 10.58	N23 17.19	148 38.39	N19 58.99	266 52.86	S18 44.83	125 32.22	05.52	N23 43.74	03.11	58.71
07	230 24.04	278 39.91	S19 10.36	225 24.28	N01 54.08	132 13.33	N23 17.21	163 40.92	N19 59.00	281 52.72	S18 44.20	139 56.75	05.44	N23 46.85	02.95	58.75
08	245 26.50	293 39.15	S19 09.58	240 25.10	N01 54.84	147 16.07	N23 17.23	178 43.45	N19 59.00	296 52.59	S18 43.57	154 21.19	05.36	N23 49.81	02.80	58.79
09	260 28.97	308 38.40	S19 08.80	255 25.91	N01 55.60	162 18.82	N23 17.25	193 45.98	N19 59.00	311 52.45	S18 42.94	168 45.55	05.29	N23 52.61	02.65	58.83
10	275 31.43	323 37.64	S19 08.02	270 26.72	N01 56.36	177 21.56	N23 17.27	208 48.51	N19 59.00	326 52.32	S18 42.31	183 09.84	05.21	N23 55.26	02.50	58.86
11	290 33.90	338 36.89	S19 07.24	285 27.53	N01 57.11	192 24.31	N23 17.29	223 51.03	N19 59.00	341 52.19	S18 41.68	197 34.05	05.13	N23 57.75	02.34	58.90
12	305 36.36	353 36.13	S19 06.46	300 28.35	N01 57.87	207 27.06	N23 17.31	238 53.56	N19 59.00	356 52.05	S18 41.05	211 58.18	05.06	N24 00.09	02.18	58.94
13	320 38.82	008 35.38	S19 05.68	315 29.16	N01 58.63	222 29.80	N23 17.33	253 56.09	N19 59.00	011 51.92	S18 40.42	226 22.24	04.99	N24 02.28	02.03	58.97
14	335 41.29	023 34.63	S19 04.89	330 29.97	N01 59.39	237 32.55	N23 17.35	268 58.61	N19 59.00	026 51.79	S18 39.78	240 46.23	04.92	N24 04.30	01.87	59.01
15	350 43.75	038 33.87	S19 04.11	345 30.79	N02 00.14	252 35.29	N23 17.37	284 01.14	N19 59.00	041 51.66	S18 39.15	255 10.15	04.85	N24 06.17	01.71	59.05
16	005 46.22	053 33.12	S19 03.32	000 31.60	N02 00.90	267 38.04	N23 17.39	299 03.67	N19 59.01	056 51.52	S18 38.51	269 34.00	04.78	N24 07.88	01.55	59.08
17	020 48.68	068 32.37	S19 02.54	015 32.41	N02 01.66	282 40.78	N23 17.41	314 06.19	N19 59.01	071 51.39	S18 37.88	283 57.78	04.72	N24 09.43	01.39	59.12
18	035 51.14	083 31.62	S19 01.75	030 33.23	N02 02.41	297 43.53	N23 17.43	329 08.72	N19 59.01	086 51.26	S18 37.24	298 21.50	04.66	N24 10.81	01.22	59.16
19	050 53.61	098 30.87	S19 00.96	045 34.04	N02 03.17	312 46.27	N23 17.45	344 11.25	N19 59.01	101 51.13	S18 36.61	312 45.16	04.59	N24 12.04	01.06	59.19
20	065 56.07	113 30.12	S19 00.17	060 34.85	N02 03.93	327 49.01	N23 17.47	359 13.77	N19 59.01	116 51.00	S18 35.97	327 08.75	04.54	N24 13.10	00.90	59.23
21	080 58.54	128 29.37	S18 59.38	075 35.66	N02 04.69	342 51.76	N23 17.49	014 16.30	N19 59.01	131 50.87	S18 35.33	341 32.29	04.48	N24 14.00	00.73	59.26
22	096 01.00	143 28.62	S18 58.59	090 36.48	N02 05.44	357 54.50	N23 17.51	029 18.82	N19 59.01	146 50.74	S18 34.69	355 55.77	04.42	N24 14.73	00.57	59.30
23	111 03.47	158 27.87	S18 57.80	105 37.29	N02 06.20	012 57.24	N23 17.53	044 21.35	N19 59.02	161 50.61	S18 34.06	010 19.19	04.37	N24 15.30	00.40	59.33
		v -0.76	d 0.77	v 0.81	d 0.76	v 2.75	d 0.02	v 2.53	d 0.00	v -0.14	d 0.63	SD	15.80	16.05		
		HP 0.09		HP 0.09						SD 16.24	HP 0.15					

Sunday January 27, 2002 through Monday January 28, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
27 00	126 05.93	173 27.12	S18 57.01	120 38.10	N02 06.96	027 59.98	N23 17.55	059 23.87	N19 59.02	176 50.48	S18 33.42	024 42.56	04.32	N24 15.70	00.24	59.37
01	141 08.39	188 26.38	S18 56.21	135 38.92	N02 07.71	043 02.73	N23 17.57	074 26.40	N19 59.02	191 50.35	S18 32.78	039 05.88	04.27	N24 15.94	00.07	59.40
02	156 10.86	203 25.63	S18 55.42	150 39.73	N02 08.47	058 05.47	N23 17.59	089 28.92	N19 59.02	206 50.22	S18 32.14	053 29.15	04.22	N24 16.01	00.10	59.44
03	171 13.32	218 24.88	S18 54.62	165 40.54	N02 09.23	073 08.21	N23 17.61	104 31.45	N19 59.02	221 50.10	S18 31.50	067 52.37	04.18	N24 15.91	00.27	59.47
04	186 15.79	233 24.14	S18 53.82	180 41.36	N02 09.98	088 10.95	N23 17.63	119 33.97	N19 59.02	236 49.97	S18 30.85	082 15.54	04.13	N24 15.64	00.44	59.50
05	201 18.25	248 23.39	S18 53.03	195 42.17	N02 10.74	103 13.69	N23 17.65	134 36.50	N19 59.02	251 49.84	S18 30.21	096 38.68	04.09	N24 15.20	00.61	59.54
06	216 20.72	263 22.65	S18 52.23	210 42.98	N02 11.49	118 16.43	N23 17.67	149 39.02	N19 59.03	266 49.71	S18 29.57	111 01.77	04.05	N24 14.60	00.78	59.57
07	231 23.18	278 21.90	S18 51.43	225 43.79	N02 12.25	133 19.17	N23 17.69	164 41.54	N19 59.03	281 49.59	S18 28.93	125 24.82	04.02	N24 13.82	00.95	59.60
08	246 25.64	293 21.16	S18 50.63	240 44.61	N02 13.01	148 21.91	N23 17.71	179 44.07	N19 59.03	296 49.46	S18 28.28	139 47.84	03.98	N24 12.87	01.12	59.64
09	261 28.11	308 20.42	S18 49.83	255 45.42	N02 13.76	163 24.65	N23 17.73	194 46.59	N19 59.03	311 49.33	S18 27.64	154 10.82	03.95	N24 11.76	01.29	59.67
10	276 30.57	323 19.67	S18 49.02	270 46.23	N02 14.52	178 27.39	N23 17.75	209 49.11	N19 59.03	326 49.21	S18 26.99	168 33.77	03.92	N24 10.47	01.46	59.70
11	291 33.04	338 18.93	S18 48.22	285 47.05	N02 15.28	193 30.13	N23 17.77	224 51.64	N19 59.04	341 49.08	S18 26.35	182 56.69	03.89	N24 09.01	01.63	59.73
12	306 35.50	353 18.19	S18 47.41	300 47.86	N02 16.03	208 32.87	N23 17.79	239 54.16	N19 59.04	356 48.96	S18 25.70	197 19.59	03.87	N24 07.37	01.81	59.76
13	321 37.96	008 17.45	S18 46.61	315 48.67	N02 16.79	223 35.61	N23 17.81	254 56.68	N19 59.04	011 48.83	S18 25.05	211 42.45	03.84	N24 05.57	01.98	59.79
14	336 40.43	023 16.71	S18 45.80	330 49.49	N02 17.54	238 38.35	N23 17.83	269 59.21	N19 59.04	026 48.71	S18 24.41	226 05.30	03.82	N24 03.59	02.15	59.82
15	351 42.89	038 15.97	S18 45.00	345 50.30	N02 18.30	253 41.09	N23 17.85	285 01.73	N19 59.04	041 48.59	S18 23.76	240 28.12	03.80	N24 01.44	02.32	59.85
16	006 45.36	053 15.23	S18 44.19	000 51.11	N02 19.05	268 43.83	N23 17.87	300 04.25	N19 59.05	056 48.46	S18 23.11	254 50.92	03.79	N23 59.12	02.50	59.88
17	021 47.82	068 14.49	S18 43.38	015 51.93	N02 19.81	283 46.57	N23 17.88	315 06.77	N19 59.05	071 48.34	S18 22.46	269 13.71	03.77	N23 56.62	02.67	59.91
18	036 50.29	083 13.75	S18 42.57	030 52.74	N02 20.57	298 49.30	N23 17.90	330 09.29	N19 59.05	086 48.22	S18 21.81	283 36.48	03.76	N23 53.95	02.84	59.94
19	051 52.75	098 13.02	S18 41.76	045 53.55	N02 21.32	313 52.04	N23 17.92	345 11.81	N19 59.05	101 48.10	S18 21.16	297 59.24	03.75	N23 51.11	03.01	59.97
20	066 55.21	113 12.28	S18 40.95	060 54.37	N02 22.08	328 54.78	N23 17.94	000 14.33	N19 59.05	116 47.97	S18 20.51	312 21.99	03.74	N23 48.10	03.19	60.00
21	081 57.68	128 11.54	S18 40.13	075 55.18	N02 22.83	343 57.51	N23 17.96	015 16.86	N19 59.06	131 47.85	S18 19.86	326 44.73	03.74	N23 44.91	03.36	60.03
22	097 00.14	143 10.81	S18 39.32	090 55.99	N02 23.59	359 00.25	N23 17.98	030 19.38	N19 59.06	146 47.73	S18 19.21	341 07.47	03.73	N23 41.55	03.53	60.06
23	112 02.61	158 10.07	S18 38.51	105 56.81	N02 24.34	014 02.99	N23 18.00	045 21.90	N19 59.06	161 47.61	S18 18.56	355 30.20	03.73	N23 38.02	03.71	60.08
28 00	127 05.07	173 09.34	S18 37.69	120 57.62	N02 25.10	029 05.72	N23 18.02	060 24.42	N19 59.06	176 47.49	S18 17.90	009 52.93	03.73	N23 34.31	03.88	60.11
01	142 07.54	188 08.60	S18 36.87	135 58.43	N02 25.85	044 08.46	N23 18.04	075 26.94	N19 59.06	191 47.37	S18 17.25	024 15.67	03.74	N23 30.43	04.05	60.14
02	157 10.00	203 07.87	S18 36.06	150 59.24	N02 26.61	059 11.20	N23 18.06	090 29.46	N19 59.07	206 47.25	S18 16.60	038 38.40	03.74	N23 26.38	04.22	60.17
03	172 12.46	218 07.14	S18 35.24	166 00.06	N02 27.36	074 13.93	N23 18.08	105 31.98	N19 59.07	221 47.13	S18 15.94	053 01.14	03.75	N23 22.16	04.39	60.19
04	187 14.93	233 06.40	S18 34.42	181 00.87	N02 28.12	089 16.67	N23 18.10	120 34.50	N19 59.07	236 47.01	S18 15.29	067 23.89	03.76	N23 17.77	04.56	60.22
05	202 17.39	248 05.67	S18 33.60	196 01.68	N02 28.87	104 19.40	N23 18.12	135 37.02	N19 59.07	251 46.89	S18 14.63	081 46.65	03.77	N23 13.21	04.73	60.24
06	217 19.86	263 04.94	S18 32.78	211 02.50	N02 29.63	119 22.13	N23 18.14	150 39.53	N19 59.08	266 46.77	S18 13.97	096 09.42	03.78	N23 08.47	04.90	60.27
07	232 22.32	278 04.21	S18 31.95	226 03.31	N02 30.38	134 24.87	N23 18.16	165 42.05	N19 59.08	281 46.65	S18 13.32	110 32.21	03.80	N23 03.57	05.07	60.29
08	247 24.78	293 03.48	S18 31.13	241 04.12	N02 31.14	149 27.60	N23 18.17	180 44.57	N19 59.08	296 46.54	S18 12.66	124 55.01	03.82	N22 58.50	05.24	60.31
09	262 27.25	308 02.75	S18 30.31	256 04.94	N02 31.89	164 30.34	N23 18.19	195 47.09	N19 59.08	311 46.42	S18 12.00	139 17.83	03.84	N22 53.26	05.41	60.34
10	277 29.71	323 02.02	S18 29.48	271 05.75	N02 32.65	179 33.07	N23 18.21	210 49.61	N19 59.09	326 46.30	S18 11.34	153 40.67	03.86	N22 47.85	05.58	60.36
11	292 32.18	338 01.29	S18 28.66	286 06.56	N02 33.40	194 35.80	N23 18.23	225 52.13	N19 59.09	341 46.19	S18 10.68	168 03.53	03.89	N22 42.27	05.74	60.38
12	307 34.64	353 00.56	S18 27.83	301 07.38	N02 34.15	209 38.53	N23 18.25	240 54.65	N19 59.09	356 46.07	S18 10.02	182 26.41	03.91	N22 36.52	05.91	60.41
13	322 37.11	007 59.83	S18 27.00	316 08.19	N02 34.91	224 41.27	N23 18.27	255 57.16	N19 59.09	011 45.95	S18 09.36	196 49.32	03.94	N22 30.61	06.08	60.43
14	337 39.57	022 59.11	S18 26.17	331 09.00	N02 35.66	239 44.00	N23 18.29	270 59.68	N19 59.10	026 45.84	S18 08.70	211 12.26	03.97	N22 24.54	06.24	60.45
15	352 42.03	037 58.38	S18 25.35	346 09.82	N02 36.42	254 46.73	N23 18.31	286 02.20	N19 59.10	041 45.72	S18 08.04	225 35.23	04.00	N22 18.30	06.41	60.47
16	007 44.50	052 57.65	S18 24.51	001 10.63	N02 37.17	269 49.46	N23 18.33	301 04.71	N19 59.10	056 45.61	S18 07.38	239 58.24	04.04	N22 11.89	06.57	60.49
17	022 46.96	067 56.93	S18 23.68	016 11.44	N02 37.93	284 52.19	N23 18.35	316 07.23	N19 59.11	071 45.49	S18 06.71	254 21.27	04.07	N22 05.32	06.73	60.51
18	037 49.43	082 56.20	S18 22.85	031 12.26	N02 38.68	299 54.93	N23 18.36	331 09.75	N19 59.11	086 45.38	S18 06.05	268 44.34	04.11	N21 58.59	06.89	60.53
19	052 51.89	097 55.48	S18 22.02	046 13.07	N02 39.43	314 57.66	N23 18.38	346 12.27	N19 59.11	101 45.26	S18 05.39	283 07.45	04.15	N21 51.70	07.05	60.55
20	067 54.35	112 54.75	S18 21.18	061 13.88	N02 40.19	330 00.39	N23 18.40	001 14.78	N19 59.11	116 45.15	S18 04.72	297 30.60	04.19	N21 44.65	07.21	60.57
21	082 56.82	127 54.03	S18 20.35	076 14.70	N02 40.94	345 03.12	N23 18.42	016 17.30	N19 59.12	131 45.04	S18 04.06	311 53.79	04.23	N21 37.44	07.37	60.59
22	097 59.28	142 53.31	S18 19.51	091 15.51	N02 41.69	000 05.85	N23 18.44	031 19.81	N19 59.12	146 44.92	S18 03.39	326 17.02	04.28	N21 30.07	07.53	60.60
23	113 01.75	157 52.59	S18 18.68	106 16.32	N02 42.45	015 08.58	N23 18.46	046 22.33	N19 59.12	161 44.81	S18 02.73	340 40.29	04.32	N21 22.54	07.68	60.62
		v -0.73	d 0.82	v 0.81	d 0.76	v 2.74	d 0.02	v 2.52	d 0.00	v -0.12	d 0.65	SD	16.28	16.46		
		HP 0.09		HP 0.09						SD 16.24	HP 0.15					

Tuesday January 29, 2002 through Wednesday January 30, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
29 00	128 04.21	172 51.86	S18 17.84	121 17.14	N02 43.20	030 11.31	N23 18.48	061 24.84	N19 59.13	176 44.70	S18 02.06	355 03.61	04.37	N21 14.86	07.84	60.64
01	143 06.68	187 51.14	S18 17.00	136 17.95	N02 43.96	045 14.04	N23 18.50	076 27.36	N19 59.13	191 44.59	S18 01.39	009 26.98	04.42	N21 07.02	07.99	60.65
02	158 09.14	202 50.42	S18 16.16	151 18.76	N02 44.71	060 16.76	N23 18.51	091 29.88	N19 59.13	206 44.48	S18 00.73	023 50.40	04.47	N20 59.03	08.14	60.67
03	173 11.60	217 49.70	S18 15.32	166 19.58	N02 45.46	075 19.49	N23 18.53	106 32.39	N19 59.14	221 44.37	S18 00.06	038 13.87	04.52	N20 50.88	08.30	60.69
04	188 14.07	232 48.98	S18 14.48	181 20.39	N02 46.22	090 22.22	N23 18.55	121 34.90	N19 59.14	236 44.26	S17 59.39	052 37.39	04.57	N20 42.59	08.45	60.70
05	203 16.53	247 48.26	S18 13.64	196 21.20	N02 46.97	105 24.95	N23 18.57	136 37.42	N19 59.14	251 44.14	S17 58.72	067 00.96	04.63	N20 34.14	08.59	60.71
06	218 19.00	262 47.54	S18 12.80	211 22.02	N02 47.72	120 27.68	N23 18.59	151 39.93	N19 59.14	266 44.03	S17 58.05	081 24.58	04.68	N20 25.55	08.74	60.73
07	233 21.46	277 46.83	S18 11.95	226 22.83	N02 48.47	135 30.40	N23 18.61	166 42.45	N19 59.15	281 43.93	S17 57.38	095 48.27	04.74	N20 16.80	08.89	60.74
08	248 23.92	292 46.11	S18 11.11	241 23.64	N02 49.23	150 33.13	N23 18.63	181 44.96	N19 59.15	296 43.82	S17 56.71	110 12.01	04.80	N20 07.92	09.03	60.75
09	263 26.39	307 45.39	S18 10.26	256 24.46	N02 49.98	165 35.86	N23 18.65	196 47.48	N19 59.15	311 43.71	S17 56.04	124 35.80	04.86	N19 58.88	09.18	60.77
10	278 28.85	322 44.68	S18 09.41	271 25.27	N02 50.73	180 38.58	N23 18.66	211 49.99	N19 59.16	326 43.60	S17 55.36	138 59.66	04.92	N19 49.71	09.32	60.78
11	293 31.32	337 43.96	S18 08.57	286 26.08	N02 51.49	195 41.31	N23 18.68	226 52.50	N19 59.16	341 43.49	S17 54.69	153 23.58	04.98	N19 40.39	09.46	60.79
12	308 33.78	352 43.24	S18 07.72	301 26.90	N02 52.24	210 44.04	N23 18.70	241 55.02	N19 59.16	356 43.38	S17 54.02	167 47.56	05.04	N19 30.93	09.60	60.80
13	323 36.25	007 42.53	S18 06.87	316 27.71	N02 52.99	225 46.76	N23 18.72	256 57.53	N19 59.17	011 43.27	S17 53.34	182 11.60	05.11	N19 21.33	09.73	60.81
14	338 38.71	022 41.82	S18 06.02	331 28.52	N02 53.74	240 49.49	N23 18.74	272 00.04	N19 59.17	026 43.17	S17 52.67	196 35.71	05.17	N19 11.60	09.87	60.82
15	353 41.17	037 41.10	S18 05.17	346 29.34	N02 54.50	255 52.21	N23 18.76	287 02.55	N19 59.18	041 43.06	S17 52.00	210 59.88	05.24	N19 01.73	10.00	60.83
16	008 43.64	052 40.39	S18 04.32	001 30.15	N02 55.25	270 54.94	N23 18.77	302 05.07	N19 59.18	056 42.95	S17 51.32	225 24.11	05.30	N18 51.72	10.14	60.84
17	023 46.10	067 39.68	S18 03.46	016 30.96	N02 56.00	285 57.66	N23 18.79	317 07.58	N19 59.18	071 42.85	S17 50.64	239 48.42	05.37	N18 41.59	10.27	60.85
18	038 48.57	082 38.96	S18 02.61	031 31.78	N02 56.75	301 00.39	N23 18.81	332 10.09	N19 59.19	086 42.74	S17 49.97	254 12.79	05.44	N18 31.32	10.40	60.85
19	053 51.03	097 38.25	S18 01.76	046 32.59	N02 57.50	316 03.11	N23 18.83	347 12.60	N19 59.19	101 42.64	S17 49.29	268 37.23	05.51	N18 22.92	10.53	60.86
20	068 53.49	112 37.54	S18 00.90	061 33.40	N02 58.26	331 05.83	N23 18.85	002 15.11	N19 59.19	116 42.53	S17 48.61	283 01.74	05.58	N18 10.39	10.65	60.87
21	083 55.96	127 36.83	S18 00.04	076 34.22	N02 59.01	346 08.56	N23 18.87	017 17.62	N19 59.20	131 42.43	S17 47.93	297 26.31	05.65	N17 59.74	10.78	60.87
22	098 58.42	142 36.12	S17 59.19	091 35.03	N02 59.76	001 11.28	N23 18.88	032 20.14	N19 59.20	146 42.32	S17 47.26	311 50.96	05.72	N17 48.96	10.90	60.88
23	114 00.89	157 35.41	S17 58.33	106 35.84	N03 00.51	016 14.00	N23 18.90	047 22.65	N19 59.20	161 42.22	S17 46.58	326 15.68	05.79	N17 38.06	11.02	60.88
30 00	129 03.35	172 34.70	S17 57.47	121 36.65	N03 01.26	031 16.73	N23 18.92	062 25.16	N19 59.21	176 42.11	S17 45.90	340 40.47	05.86	N17 27.04	11.14	60.89
01	144 05.82	187 34.00	S17 56.61	136 37.47	N03 02.02	046 19.45	N23 18.94	077 27.67	N19 59.21	191 42.01	S17 45.22	355 05.33	05.93	N17 15.90	11.26	60.89
02	159 08.28	202 33.29	S17 55.75	151 38.28	N03 02.77	061 22.17	N23 18.96	092 30.18	N19 59.22	206 41.91	S17 44.53	009 30.27	06.01	N17 04.64	11.37	60.90
03	174 10.74	217 32.58	S17 54.89	166 39.09	N03 03.52	076 24.89	N23 18.98	107 32.69	N19 59.22	221 41.81	S17 43.85	023 55.27	06.08	N16 53.27	11.49	60.90
04	189 13.21	232 31.87	S17 54.02	181 39.91	N03 04.27	091 27.61	N23 18.99	122 35.20	N19 59.22	236 41.70	S17 43.17	038 20.36	06.16	N16 41.78	11.60	60.90
05	204 15.67	247 31.17	S17 53.16	196 40.72	N03 05.02	106 30.34	N23 19.01	137 37.71	N19 59.23	251 41.60	S17 42.49	052 45.51	06.23	N16 30.18	11.71	60.90
06	219 18.14	262 30.46	S17 52.30	211 41.53	N03 05.77	121 33.06	N23 19.03	152 40.22	N19 59.23	266 41.50	S17 41.81	067 10.74	06.30	N16 18.46	11.82	60.91
07	234 20.60	277 29.76	S17 51.43	226 42.35	N03 06.52	136 35.78	N23 19.05	167 42.73	N19 59.24	281 41.40	S17 41.12	081 36.04	06.38	N16 06.64	11.93	60.91
08	249 23.06	292 29.05	S17 50.56	241 43.16	N03 07.28	151 38.50	N23 19.07	182 45.24	N19 59.24	296 41.30	S17 40.44	096 01.42	06.45	N15 54.72	12.03	60.91
09	264 25.53	307 28.35	S17 49.70	256 43.97	N03 08.03	166 41.22	N23 19.08	197 47.74	N19 59.24	311 41.20	S17 39.75	110 26.87	06.53	N15 42.68	12.14	60.91
10	279 27.99	322 27.65	S17 48.83	271 44.79	N03 08.78	181 43.94	N23 19.10	212 50.25	N19 59.25	326 41.10	S17 39.07	124 52.40	06.60	N15 30.55	12.24	60.91
11	294 30.46	337 26.94	S17 47.96	286 45.60	N03 09.53	196 46.66	N23 19.12	227 52.76	N19 59.25	341 41.00	S17 38.38	139 18.01	06.68	N15 18.31	12.34	60.91
12	309 32.92	352 26.24	S17 47.09	301 46.41	N03 10.28	211 49.38	N23 19.14	242 55.27	N19 59.26	356 40.90	S17 37.69	153 43.68	06.75	N15 05.97	12.44	60.90
13	324 35.38	007 25.54	S17 46.22	316 47.23	N03 11.03	226 52.09	N23 19.16	257 57.78	N19 59.26	011 40.80	S17 37.01	168 09.44	06.83	N14 53.54	12.53	60.90
14	339 37.85	022 24.84	S17 45.35	331 48.04	N03 11.78	241 54.81	N23 19.17	273 00.29	N19 59.26	026 40.70	S17 36.32	182 35.27	06.90	N14 41.00	12.63	60.90
15	354 40.31	037 24.14	S17 44.48	346 48.85	N03 12.53	256 57.53	N23 19.19	288 02.79	N19 59.27	041 40.60	S17 35.63	197 01.17	06.98	N14 28.38	12.72	60.90
16	009 42.78	052 23.44	S17 43.60	001 49.67	N03 13.28	272 00.25	N23 19.21	303 05.30	N19 59.27	056 40.50	S17 34.94	211 27.15	07.05	N14 15.66	12.81	60.89
17	024 45.24	067 22.74	S17 42.73	016 50.48	N03 14.03	287 02.97	N23 19.23	318 07.81	N19 59.28	071 40.41	S17 34.25	225 53.20	07.13	N14 02.85	12.90	60.89
18	039 47.70	082 22.04	S17 41.86	031 51.29	N03 14.78	302 05.68	N23 19.25	333 10.31	N19 59.28	086 40.31	S17 33.56	240 19.33	07.20	N13 49.96	12.98	60.88
19	054 50.17	097 21.34	S17 40.98	046 52.11	N03 15.53	317 08.40	N23 19.26	348 12.82	N19 59.29	101 40.21	S17 32.87	254 45.54	07.28	N13 36.97	13.07	60.88
20	069 52.63	112 20.64	S17 40.10	061 52.92	N03 16.28	332 11.12	N23 19.28	003 15.33	N19 59.29	116 40.12	S17 32.18	269 11.82	07.35	N13 23.90	13.15	60.87
21	084 55.10	127 19.95	S17 39.23	076 53.73	N03 17.03	347 13.83	N23 19.30	018 17.83	N19 59.29	131 40.02	S17 31.49	283 38.17	07.43	N13 10.75	13.23	60.87
22	099 57.56	142 19.25	S17 38.35	091 54.55	N03 17.78	002 16.55	N23 19.32	033 20.34	N19 59.30	146 39.92	S17 30.80	298 04.60	07.50	N12 57.52	13.31	60.86
23	115 00.03	157 18.55	S17 37.47	106 55.36	N03 18.53	017 19.27	N23 19.33	048 22.85	N19 59.30	161 39.83	S17 30.11	312 31.10	07.57	N12 44.21	13.39	60.85
		v -0.71	d 0.86	v 0.81	d 0.75	v 2.72	d 0.02	v 2.51	d 0.00	v -0.10	d 0.68	SD	16.57	16.60		
		HP 0.09		HP 0.09						SD 16.24	HP 0.15					

Thursday January 31, 2002 through Friday February 01, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
31 00	130 02.49	172 17.86	S17 36.59	121 56.17	N03 19.28	032 21.98	N23 19.35	063 25.35	N19 59.31	176 39.73	S17 29.42	326 57.67	07.65	N12 30.82	13.46	60.85
01	145 04.95	187 17.16	S17 35.71	136 56.99	N03 20.03	047 24.70	N23 19.37	078 27.86	N19 59.31	191 39.64	S17 28.72	341 24.32	07.72	N12 17.36	13.54	60.84
02	160 07.42	202 16.47	S17 34.83	151 57.80	N03 20.78	062 27.41	N23 19.39	093 30.36	N19 59.32	206 39.54	S17 28.03	355 51.04	07.79	N12 03.82	13.61	60.83
03	175 09.88	217 15.77	S17 33.94	166 58.61	N03 21.53	077 30.13	N23 19.40	108 32.87	N19 59.32	221 39.45	S17 27.33	010 17.83	07.87	N11 50.21	13.68	60.82
04	190 12.35	232 15.08	S17 33.06	181 59.43	N03 22.28	092 32.84	N23 19.42	123 35.37	N19 59.33	236 39.35	S17 26.64	024 44.70	07.94	N11 36.54	13.75	60.81
05	205 14.81	247 14.39	S17 32.18	197 00.24	N03 23.03	107 35.56	N23 19.44	138 37.88	N19 59.33	251 39.26	S17 25.94	039 11.63	08.01	N11 22.79	13.81	60.80
06	220 17.27	262 13.69	S17 31.29	212 01.05	N03 23.78	122 38.27	N23 19.46	153 40.38	N19 59.34	266 39.17	S17 25.25	053 38.64	08.08	N11 08.98	13.88	60.79
07	235 19.74	277 13.00	S17 30.40	227 01.86	N03 24.53	137 40.98	N23 19.48	168 42.89	N19 59.34	281 39.08	S17 24.55	068 05.72	08.15	N10 55.10	13.94	60.78
08	250 22.20	292 12.31	S17 29.52	242 02.68	N03 25.28	152 43.70	N23 19.49	183 45.39	N19 59.34	296 38.98	S17 23.85	082 32.87	08.22	N10 41.17	14.00	60.77
09	265 24.67	307 11.62	S17 28.63	257 03.49	N03 26.03	167 46.41	N23 19.51	198 47.90	N19 59.35	311 38.89	S17 23.15	097 00.09	08.29	N10 27.17	14.06	60.76
10	280 27.13	322 10.93	S17 27.74	272 04.30	N03 26.78	182 49.12	N23 19.53	213 50.40	N19 59.35	326 38.80	S17 22.46	111 27.37	08.36	N10 13.11	14.11	60.75
11	295 29.59	337 10.24	S17 26.85	287 05.12	N03 27.53	197 51.83	N23 19.54	228 52.90	N19 59.36	341 38.71	S17 21.76	125 54.73	08.42	N09 59.00	14.17	60.74
12	310 32.06	352 09.55	S17 25.96	302 05.93	N03 28.27	212 54.55	N23 19.56	243 55.41	N19 59.36	356 38.62	S17 21.06	140 22.15	08.49	N09 44.83	14.22	60.72
13	325 34.52	007 08.86	S17 25.07	317 06.74	N03 29.02	227 57.26	N23 19.58	258 57.91	N19 59.37	011 38.53	S17 20.36	154 49.64	08.56	N09 30.61	14.27	60.71
14	340 36.99	022 08.17	S17 24.18	332 07.56	N03 29.77	242 59.97	N23 19.60	274 00.41	N19 59.37	026 38.44	S17 19.66	169 17.20	08.62	N09 16.34	14.32	60.70
15	355 39.45	037 07.49	S17 23.28	347 08.37	N03 30.52	258 02.68	N23 19.61	289 02.92	N19 59.38	041 38.35	S17 18.96	183 44.82	08.69	N09 02.02	14.37	60.68
16	010 41.91	052 06.80	S17 22.39	002 09.18	N03 31.27	273 05.39	N23 19.63	304 05.42	N19 59.38	056 38.26	S17 18.26	198 12.51	08.75	N08 47.66	14.41	60.67
17	025 44.38	067 06.11	S17 21.50	017 10.00	N03 32.02	288 08.10	N23 19.65	319 07.92	N19 59.39	071 38.17	S17 17.55	212 40.26	08.81	N08 33.24	14.46	60.65
18	040 46.84	082 05.43	S17 20.60	032 10.81	N03 32.77	303 10.81	N23 19.67	334 10.42	N19 59.39	086 38.08	S17 16.85	227 08.07	08.88	N08 18.79	14.50	60.64
19	055 49.31	097 04.74	S17 19.70	047 11.62	N03 33.51	318 13.52	N23 19.68	349 12.93	N19 59.40	101 37.99	S17 16.15	241 35.95	08.94	N08 04.29	14.54	60.62
20	070 51.77	112 04.06	S17 18.81	062 12.43	N03 34.26	333 16.23	N23 19.70	004 15.43	N19 59.40	116 37.90	S17 15.44	256 03.89	09.00	N07 49.75	14.58	60.60
21	085 54.23	127 03.37	S17 17.91	077 13.25	N03 35.01	348 18.94	N23 19.72	019 17.93	N19 59.41	131 37.81	S17 14.74	270 31.89	09.06	N07 35.18	14.61	60.59
22	100 56.70	142 02.69	S17 17.01	092 14.06	N03 35.76	003 21.65	N23 19.74	034 20.43	N19 59.41	146 37.72	S17 14.03	284 59.95	09.12	N07 20.57	14.65	60.57
23	115 59.16	157 02.00	S17 16.11	107 14.87	N03 36.51	018 24.36	N23 19.75	049 22.93	N19 59.42	161 37.64	S17 13.33	299 28.07	09.18	N07 05.92	14.68	60.55
01 00	131 01.63	172 01.32	S17 15.21	122 15.69	N03 37.25	033 27.07	N23 19.77	064 25.43	N19 59.43	176 37.55	S17 12.62	313 56.25	09.24	N06 51.24	14.71	60.54
01	146 04.09	187 00.64	S17 14.31	137 16.50	N03 38.00	048 29.78	N23 19.79	079 27.93	N19 59.43	191 37.46	S17 11.92	328 24.49	09.29	N06 36.53	14.74	60.52
02	161 06.56	201 59.96	S17 13.41	152 17.31	N03 38.75	063 32.49	N23 19.80	094 30.43	N19 59.44	206 37.38	S17 11.21	342 52.78	09.35	N06 21.79	14.77	60.50
03	176 09.02	216 59.28	S17 12.50	167 18.13	N03 39.50	078 35.19	N23 19.82	109 32.93	N19 59.44	221 37.29	S17 10.50	357 21.13	09.41	N06 07.02	14.79	60.48
04	191 11.48	231 58.60	S17 11.60	182 18.94	N03 40.25	093 37.90	N23 19.84	124 35.43	N19 59.45	236 37.21	S17 09.80	011 49.54	09.46	N05 52.23	14.82	60.46
05	206 13.95	246 57.92	S17 10.69	197 19.75	N03 40.99	108 40.61	N23 19.85	139 37.93	N19 59.45	251 37.12	S17 09.09	026 18.00	09.51	N05 37.41	14.84	60.44
06	221 16.41	261 57.24	S17 09.79	212 20.56	N03 41.74	123 43.31	N23 19.87	154 40.43	N19 59.46	266 37.04	S17 08.38	040 46.51	09.57	N05 22.57	14.86	60.42
07	236 18.88	276 56.56	S17 08.88	227 21.38	N03 42.49	138 46.02	N23 19.89	169 42.93	N19 59.46	281 36.95	S17 07.67	055 15.07	09.62	N05 07.71	14.88	60.40
08	251 21.34	291 55.88	S17 07.98	242 22.19	N03 43.24	153 48.73	N23 19.91	184 45.43	N19 59.47	296 36.87	S17 06.96	069 43.69	09.67	N04 52.84	14.90	60.38
09	266 23.80	306 55.20	S17 07.07	257 23.00	N03 43.98	168 51.43	N23 19.92	199 47.93	N19 59.47	311 36.78	S17 06.25	084 12.36	09.72	N04 37.94	14.91	60.36
10	281 26.27	321 54.52	S17 06.16	272 23.82	N03 44.73	183 54.14	N23 19.94	214 50.43	N19 59.48	326 36.70	S17 05.54	098 41.08	09.77	N04 23.03	14.93	60.34
11	296 28.73	336 53.85	S17 05.25	287 24.63	N03 45.48	198 56.84	N23 19.96	229 52.93	N19 59.48	341 36.62	S17 04.83	113 09.84	09.81	N04 08.10	14.94	60.32
12	311 31.20	351 53.17	S17 04.34	302 25.44	N03 46.22	213 59.55	N23 19.97	244 55.43	N19 59.49	356 36.53	S17 04.11	127 38.66	09.86	N03 53.17	14.95	60.30
13	326 33.66	006 52.50	S17 03.43	317 26.26	N03 46.97	229 02.25	N23 19.99	259 57.93	N19 59.50	011 36.45	S17 03.40	142 07.52	09.91	N03 38.22	14.96	60.27
14	341 36.12	021 51.82	S17 02.51	332 27.07	N03 47.72	244 04.96	N23 20.01	275 00.43	N19 59.50	026 36.37	S17 02.69	156 36.43	09.95	N03 23.26	14.96	60.25
15	356 38.59	036 51.15	S17 01.60	347 27.88	N03 48.46	259 07.66	N23 20.02	290 02.92	N19 59.51	041 36.29	S17 01.97	171 05.38	10.00	N03 08.30	14.97	60.23
16	011 41.05	051 50.47	S17 00.69	002 28.69	N03 49.21	274 10.36	N23 20.04	305 05.42	N19 59.51	056 36.21	S17 01.26	185 34.37	10.04	N02 53.33	14.97	60.21
17	026 43.52	066 49.80	S16 59.77	017 29.51	N03 49.96	289 13.07	N23 20.06	320 07.92	N19 59.52	071 36.13	S17 00.55	200 03.41	10.08	N02 38.35	14.98	60.18
18	041 45.98	081 49.13	S16 58.86	032 30.32	N03 50.70	304 15.77	N23 20.07	335 10.42	N19 59.52	086 36.05	S16 59.83	214 32.49	10.12	N02 23.38	14.98	60.16
19	056 48.44	096 48.45	S16 57.94	047 31.13	N03 51.45	319 18.47	N23 20.09	350 12.91	N19 59.53	101 35.97	S16 59.12	229 01.61	10.16	N02 08.40	14.98	60.13
20	071 50.91	111 47.78	S16 57.02	062 31.94	N03 52.20	334 21.18	N23 20.11	005 15.41	N19 59.54	116 35.89	S16 58.40	243 30.77	10.20	N01 53.42	14.97	60.11
21	086 53.37	126 47.11	S16 56.10	077 32.76	N03 52.94	349 23.88	N23 20.12	020 17.91	N19 59.54	131 35.81	S16 57.68	257 59.97	10.24	N01 38.45	14.97	60.09
22	101 55.84	141 46.44	S16 55.19	092 33.57	N03 53.69	004 26.58	N23 20.14	035 20.40	N19 59.55	146 35.73	S16 56.96	272 29.21	10.27	N01 23.48	14.96	60.06
23	116 58.30	156 45.77	S16 54.27	107 34.38	N03 54.43	019 29.28	N23 20.16	050 22.90	N19 59.55	161 35.65	S16 56.25	286 58.48	10.31	N01 08.52	14.96	60.04
		v -0.68	d 0.90	v 0.81	d 0.75	v 2.71	d 0.02	v 2.50	d 0.01	v -0.09	d 0.71	SD	16.55	16.43		
		HP 0.09		HP 0.08						SD 16.23	HP 0.15					

Saturday February 02, 2002 through Sunday February 03, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
02 00	132 00.76	171 45.10	S16 53.35	122 35.20	N03 55.18	034 31.98	N23 20.17	065 25.40	N19 59.56	176 35.57	S16 55.53	301 27.79	10.34	N00 53.56	14.95	60.01
01	147 03.23	186 44.43	S16 52.42	137 36.01	N03 55.93	049 34.68	N23 20.19	080 27.89	N19 59.57	191 35.49	S16 54.81	315 57.14	10.38	N00 38.61	14.94	59.99
02	162 05.69	201 43.76	S16 51.50	152 36.82	N03 56.67	064 37.39	N23 20.21	095 30.39	N19 59.57	206 35.41	S16 54.09	330 26.52	10.41	N00 23.67	14.93	59.96
03	177 08.16	216 43.09	S16 50.58	167 37.63	N03 57.42	079 40.09	N23 20.22	110 32.88	N19 59.58	221 35.34	S16 53.37	344 55.93	10.44	N00 08.74	14.91	59.93
04	192 10.62	231 42.42	S16 49.66	182 38.45	N03 58.16	094 42.79	N23 20.24	125 35.38	N19 59.58	236 35.26	S16 52.65	359 25.37	10.47	S00 06.17	14.90	59.91
05	207 13.08	246 41.76	S16 48.73	197 39.26	N03 58.91	109 45.49	N23 20.26	140 37.87	N19 59.59	251 35.18	S16 51.93	013 54.84	10.50	S00 21.07	14.88	59.88
06	222 15.55	261 41.09	S16 47.81	212 40.07	N03 59.65	124 48.18	N23 20.27	155 40.37	N19 59.60	266 35.11	S16 51.21	028 24.34	10.53	S00 35.96	14.87	59.86
07	237 18.01	276 40.43	S16 46.88	227 40.88	N04 00.40	139 50.88	N23 20.29	170 42.86	N19 59.60	281 35.03	S16 50.49	042 53.88	10.56	S00 50.83	14.85	59.83
08	252 20.48	291 39.76	S16 45.95	242 41.70	N04 01.14	154 53.58	N23 20.31	185 45.36	N19 59.61	296 34.95	S16 49.76	057 23.43	10.59	S01 05.67	14.83	59.80
09	267 22.94	306 39.09	S16 45.02	257 42.51	N04 01.89	169 56.28	N23 20.32	200 47.85	N19 59.62	311 34.88	S16 49.04	071 53.02	10.61	S01 20.50	14.81	59.77
10	282 25.40	321 38.43	S16 44.09	272 43.32	N04 02.63	184 58.98	N23 20.34	215 50.34	N19 59.62	326 34.80	S16 48.32	086 22.63	10.64	S01 35.31	14.78	59.75
11	297 27.87	336 37.77	S16 43.17	287 44.13	N04 03.38	200 01.68	N23 20.35	230 52.84	N19 59.63	341 34.73	S16 47.59	100 52.27	10.66	S01 50.09	14.76	59.72
12	312 30.33	351 37.10	S16 42.24	302 44.95	N04 04.12	215 04.37	N23 20.37	245 55.33	N19 59.63	356 34.65	S16 46.87	115 21.92	10.68	S02 04.85	14.73	59.69
13	327 32.80	006 36.44	S16 41.30	317 45.76	N04 04.87	230 07.07	N23 20.39	260 57.83	N19 59.64	011 34.58	S16 46.14	129 51.61	10.70	S02 19.59	14.71	59.66
14	342 35.26	021 35.78	S16 40.37	332 46.57	N04 05.61	245 09.77	N23 20.40	276 00.32	N19 59.65	026 34.51	S16 45.42	144 21.31	10.72	S02 34.29	14.68	59.64
15	357 37.73	036 35.12	S16 39.44	347 47.38	N04 06.36	260 12.47	N23 20.42	291 02.81	N19 59.65	041 34.43	S16 44.69	158 51.03	10.74	S02 48.97	14.65	59.61
16	012 40.19	051 34.46	S16 38.51	002 48.20	N04 07.10	275 15.16	N23 20.44	306 05.31	N19 59.66	056 34.36	S16 43.97	173 20.77	10.76	S03 03.62	14.62	59.58
17	027 42.65	066 33.79	S16 37.57	017 49.01	N04 07.85	290 17.86	N23 20.45	321 07.80	N19 59.67	071 34.29	S16 43.24	187 50.53	10.78	S03 18.23	14.58	59.55
18	042 45.12	081 33.13	S16 36.64	032 49.82	N04 08.59	305 20.55	N23 20.47	336 10.29	N19 59.67	086 34.21	S16 42.51	202 20.31	10.79	S03 32.82	14.55	59.52
19	057 47.58	096 32.48	S16 35.70	047 50.63	N04 09.33	320 23.25	N23 20.48	351 12.78	N19 59.68	101 34.14	S16 41.78	216 50.11	10.81	S03 47.37	14.51	59.49
20	072 50.05	111 31.82	S16 34.76	062 51.45	N04 10.08	335 25.94	N23 20.50	006 15.27	N19 59.69	116 34.07	S16 41.06	231 19.92	10.82	S04 01.88	14.48	59.46
21	087 52.51	126 31.16	S16 33.83	077 52.26	N04 10.82	350 28.64	N23 20.52	021 17.77	N19 59.69	131 34.00	S16 40.33	245 49.74	10.84	S04 16.36	14.44	59.43
22	102 54.97	141 30.50	S16 32.89	092 53.07	N04 11.57	005 31.33	N23 20.53	036 20.26	N19 59.70	146 33.93	S16 39.60	260 19.58	10.85	S04 30.80	14.40	59.40
23	117 57.44	156 29.84	S16 31.95	107 53.88	N04 12.31	020 34.03	N23 20.55	051 22.75	N19 59.71	161 33.86	S16 38.87	274 49.43	10.86	S04 45.20	14.36	59.37
03 00	132 59.90	171 29.19	S16 31.01	122 54.70	N04 13.05	035 36.72	N23 20.56	066 25.24	N19 59.71	176 33.79	S16 38.14	289 19.29	10.87	S04 59.56	14.32	59.35
01	148 02.37	186 28.53	S16 30.07	137 55.51	N04 13.80	050 39.42	N23 20.58	081 27.73	N19 59.72	191 33.72	S16 37.40	303 49.16	10.88	S05 13.88	14.28	59.32
02	163 04.83	201 27.87	S16 29.13	152 56.32	N04 14.54	065 42.11	N23 20.60	096 30.22	N19 59.73	206 33.65	S16 36.67	318 19.04	10.89	S05 28.15	14.23	59.29
03	178 07.29	216 27.22	S16 28.18	167 57.13	N04 15.29	080 44.80	N23 20.61	111 32.71	N19 59.73	221 33.58	S16 35.94	332 48.93	10.90	S05 42.39	14.19	59.26
04	193 09.76	231 26.56	S16 27.24	182 57.95	N04 16.03	095 47.49	N23 20.63	126 35.20	N19 59.74	236 33.51	S16 35.21	347 18.83	10.90	S05 56.57	14.14	59.23
05	208 12.22	246 25.91	S16 26.30	197 58.76	N04 16.77	110 50.19	N23 20.64	141 37.69	N19 59.75	251 33.44	S16 34.48	001 48.73	10.91	S06 10.71	14.09	59.20
06	223 14.69	261 25.26	S16 25.35	212 59.57	N04 17.52	125 52.88	N23 20.66	156 40.18	N19 59.75	266 33.37	S16 33.74	016 18.64	10.91	S06 24.80	14.04	59.17
07	238 17.15	276 24.60	S16 24.40	228 00.38	N04 18.26	140 55.57	N23 20.68	171 42.67	N19 59.76	281 33.31	S16 33.01	030 48.55	10.92	S06 38.84	13.99	59.14
08	253 19.61	291 23.95	S16 23.46	243 01.19	N04 19.00	155 58.26	N23 20.69	186 45.16	N19 59.77	296 33.24	S16 32.27	045 18.47	10.92	S06 52.84	13.94	59.10
09	268 22.08	306 23.30	S16 22.51	258 02.01	N04 19.74	171 00.95	N23 20.71	201 47.65	N19 59.78	311 33.17	S16 31.54	059 48.39	10.92	S07 06.78	13.89	59.07
10	283 24.54	321 22.65	S16 21.56	273 02.82	N04 20.49	186 03.64	N23 20.72	216 50.14	N19 59.78	326 33.10	S16 30.80	074 18.32	10.92	S07 20.66	13.83	59.04
11	298 27.01	336 22.00	S16 20.61	288 03.63	N04 21.23	201 06.33	N23 20.74	231 52.63	N19 59.79	341 33.04	S16 30.07	088 48.24	10.92	S07 34.50	13.78	59.01
12	313 29.47	351 21.34	S16 19.66	303 04.44	N04 21.97	216 09.02	N23 20.75	246 55.12	N19 59.80	356 32.97	S16 29.33	103 18.17	10.92	S07 48.28	13.72	58.98
13	328 31.93	006 20.69	S16 18.71	318 05.26	N04 22.72	231 11.71	N23 20.77	261 57.61	N19 59.80	011 32.91	S16 28.59	117 48.09	10.92	S08 02.00	13.67	58.95
14	343 34.40	021 20.05	S16 17.76	333 06.07	N04 23.46	246 14.40	N23 20.79	277 00.10	N19 59.81	026 32.84	S16 27.86	132 18.01	10.92	S08 15.67	13.61	58.92
15	358 36.86	036 19.40	S16 16.81	348 06.88	N04 24.20	261 17.09	N23 20.80	292 02.58	N19 59.82	041 32.78	S16 27.12	146 47.93	10.92	S08 29.27	13.55	58.89
16	013 39.33	051 18.75	S16 15.86	003 07.69	N04 24.94	276 19.78	N23 20.82	307 05.07	N19 59.83	056 32.71	S16 26.38	161 17.85	10.91	S08 42.82	13.49	58.86
17	028 41.79	066 18.10	S16 14.91	018 08.50	N04 25.69	291 22.47	N23 20.83	322 07.56	N19 59.83	071 32.65	S16 25.64	175 47.76	10.91	S08 56.31	13.42	58.83
18	043 44.26	081 17.45	S16 13.95	033 09.32	N04 26.43	306 25.16	N23 20.85	337 10.05	N19 59.84	086 32.58	S16 24.90	190 17.67	10.90	S09 09.73	13.36	58.80
19	058 46.72	096 16.81	S16 13.00	048 10.13	N04 27.17	321 27.85	N23 20.86	352 12.53	N19 59.85	101 32.52	S16 24.16	204 47.57	10.90	S09 23.09	13.30	58.77
20	073 49.18	111 16.16	S16 12.04	063 10.94	N04 27.91	336 30.53	N23 20.88	007 15.02	N19 59.85	116 32.45	S16 23.42	219 17.47	10.89	S09 36.39	13.23	58.73
21	088 51.65	126 15.51	S16 11.08	078 11.75	N04 28.65	351 33.22	N23 20.90	022 17.51	N19 59.86	131 32.39	S16 22.68	233 47.36	10.88	S09 49.63	13.17	58.70
22	103 54.11	141 14.87	S16 10.13	093 12.56	N04 29.39	006 35.91	N23 20.91	037 19.99	N19 59.87	146 32.33	S16 21.94	248 17.24	10.87	S10 02.79	13.10	58.67
23	118 56.58	156 14.22	S16 09.17	108 13.38	N04 30.14	021 38.59	N23 20.93	052 22.48	N19 59.88	161 32.27	S16 21.19	262 47.11	10.86	S10 15.89	13.03	58.64
		v -0.66	d 0.94	v 0.81	d 0.74	v 2.69	d 0.02	v 2.49	d 0.01	v -0.07	d 0.73	SD	16.27	16.08		
		HP 0.09		HP 0.08						SD 16.23	HP 0.15					

Monday February 04, 2002 through Tuesday February 05, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
04 00	133 59.04	171 13.58	S16 08.21	123 14.19	N04 30.88	036 41.28	N23 20.94	067 24.97	N19 59.88	176 32.20	S16 20.45	277 16.97	10.85	S10 28.92	12.96	58.61
01	149 01.50	186 12.94	S16 07.25	138 15.00	N04 31.62	051 43.97	N23 20.96	082 27.45	N19 59.89	191 32.14	S16 19.71	291 46.83	10.84	S10 41.88	12.89	58.58
02	164 03.97	201 12.29	S16 06.29	153 15.81	N04 32.36	066 46.65	N23 20.97	097 29.94	N19 59.90	206 32.08	S16 18.97	306 16.67	10.83	S10 54.78	12.82	58.55
03	179 06.43	216 11.65	S16 05.33	168 16.62	N04 33.10	081 49.34	N23 20.99	112 32.42	N19 59.91	221 32.02	S16 18.22	320 46.50	10.82	S11 07.60	12.75	58.52
04	194 08.90	231 11.01	S16 04.36	183 17.43	N04 33.84	096 52.02	N23 21.00	127 34.91	N19 59.91	236 31.96	S16 17.48	335 16.31	10.80	S11 20.34	12.67	58.49
05	209 11.36	246 10.37	S16 03.40	198 18.25	N04 34.58	111 54.71	N23 21.02	142 37.40	N19 59.92	251 31.90	S16 16.73	349 46.12	10.79	S11 33.02	12.60	58.45
06	224 13.82	261 09.73	S16 02.44	213 19.06	N04 35.33	126 57.39	N23 21.03	157 39.88	N19 59.93	266 31.84	S16 15.99	004 15.91	10.78	S11 45.62	12.52	58.42
07	239 16.29	276 09.09	S16 01.47	228 19.87	N04 36.07	142 00.08	N23 21.05	172 42.37	N19 59.94	281 31.78	S16 15.24	018 45.68	10.76	S11 58.14	12.45	58.39
08	254 18.75	291 08.45	S16 00.51	243 20.68	N04 36.81	157 02.76	N23 21.07	187 44.85	N19 59.95	296 31.72	S16 14.49	033 15.45	10.74	S12 10.59	12.37	58.36
09	269 21.22	306 07.81	S15 59.54	258 21.49	N04 37.55	172 05.44	N23 21.08	202 47.33	N19 59.95	311 31.66	S16 13.75	047 45.19	10.73	S12 22.96	12.29	58.33
10	284 23.68	321 07.17	S15 58.58	273 22.30	N04 38.29	187 08.13	N23 21.10	217 49.82	N19 59.96	326 31.60	S16 13.00	062 14.92	10.71	S12 35.25	12.21	58.30
11	299 26.14	336 06.53	S15 57.61	288 23.12	N04 39.03	202 10.81	N23 21.11	232 52.30	N19 59.97	341 31.55	S16 12.25	076 44.63	10.69	S12 47.46	12.13	58.27
12	314 28.61	351 05.89	S15 56.64	303 23.93	N04 39.77	217 13.49	N23 21.13	247 54.79	N19 59.98	356 31.49	S16 11.50	091 14.32	10.68	S12 59.59	12.05	58.24
13	329 31.07	006 05.26	S15 55.67	318 24.74	N04 40.51	232 16.17	N23 21.14	262 57.27	N19 59.98	011 31.43	S16 10.75	105 44.00	10.66	S13 11.64	11.97	58.21
14	344 33.54	021 04.62	S15 54.70	333 25.55	N04 41.25	247 18.85	N23 21.16	277 59.75	N19 59.99	026 31.37	S16 10.00	120 13.66	10.64	S13 23.61	11.88	58.17
15	359 36.00	036 03.98	S15 53.73	348 26.36	N04 41.99	262 21.54	N23 21.17	293 02.24	N20 00.00	041 31.32	S16 09.25	134 43.30	10.62	S13 35.50	11.80	58.14
16	014 38.47	051 03.35	S15 52.76	003 27.17	N04 42.73	277 24.22	N23 21.19	308 04.72	N20 00.01	056 31.26	S16 08.50	149 12.91	10.60	S13 47.30	11.72	58.11
17	029 40.93	066 02.71	S15 51.79	018 27.99	N04 43.47	292 26.90	N23 21.20	323 07.20	N20 00.02	071 31.20	S16 07.75	163 42.51	10.58	S13 59.01	11.63	58.08
18	044 43.39	081 02.08	S15 50.81	033 28.80	N04 44.21	307 29.58	N23 21.22	338 09.68	N20 00.02	086 31.15	S16 07.00	178 12.09	10.56	S14 10.64	11.54	58.05
19	059 45.86	096 01.44	S15 49.84	048 29.61	N04 44.95	322 32.26	N23 21.23	353 12.17	N20 00.03	101 31.09	S16 06.25	192 41.64	10.53	S14 22.18	11.45	58.02
20	074 48.32	111 00.81	S15 48.87	063 30.42	N04 45.69	337 34.94	N23 21.25	008 14.65	N20 00.04	116 31.04	S16 05.50	207 11.18	10.51	S14 33.64	11.37	57.99
21	089 50.79	126 00.18	S15 47.89	078 31.23	N04 46.43	352 37.62	N23 21.26	023 17.13	N20 00.05	131 30.98	S16 04.74	221 40.69	10.49	S14 45.00	11.28	57.96
22	104 53.25	140 59.54	S15 46.91	093 32.04	N04 47.17	007 40.30	N23 21.28	038 19.61	N20 00.06	146 30.93	S16 03.99	236 10.18	10.47	S14 56.28	11.18	57.93
23	119 55.71	155 58.91	S15 45.94	108 32.85	N04 47.91	022 42.98	N23 21.29	053 22.09	N20 00.07	161 30.87	S16 03.24	250 39.65	10.44	S15 07.46	11.09	57.90
05 00	134 58.18	170 58.28	S15 44.96	123 33.67	N04 48.65	037 45.66	N23 21.31	068 24.58	N20 00.07	176 30.82	S16 02.48	265 09.09	10.42	S15 18.56	11.00	57.87
01	150 00.64	185 57.65	S15 43.98	138 34.48	N04 49.39	052 48.33	N23 21.32	083 27.06	N20 00.08	191 30.77	S16 01.73	279 38.51	10.40	S15 29.56	10.91	57.84
02	165 03.11	200 57.02	S15 43.00	153 35.29	N04 50.13	067 51.01	N23 21.34	098 29.54	N20 00.09	206 30.71	S16 00.97	294 07.90	10.37	S15 40.47	10.81	57.81
03	180 05.57	215 56.39	S15 42.02	168 36.10	N04 50.87	082 53.69	N23 21.35	113 32.02	N20 00.10	221 30.66	S16 00.22	308 37.27	10.35	S15 51.28	10.72	57.78
04	195 08.03	230 55.76	S15 41.04	183 36.91	N04 51.60	097 56.37	N23 21.37	128 34.50	N20 00.11	236 30.61	S15 59.46	323 06.62	10.32	S16 02.00	10.62	57.74
05	210 10.50	245 55.13	S15 40.06	198 37.72	N04 52.34	112 59.04	N23 21.38	143 36.98	N20 00.12	251 30.56	S15 58.70	337 35.94	10.30	S16 12.62	10.53	57.71
06	225 12.96	260 54.50	S15 39.08	213 38.53	N04 53.08	128 01.72	N23 21.40	158 39.46	N20 00.12	266 30.50	S15 57.95	352 05.24	10.27	S16 23.15	10.43	57.68
07	240 15.43	275 53.88	S15 38.10	228 39.34	N04 53.82	143 04.40	N23 21.41	173 41.94	N20 00.13	281 30.45	S15 57.19	006 34.51	10.24	S16 33.58	10.33	57.65
08	255 17.89	290 53.25	S15 37.11	243 40.16	N04 54.56	158 07.07	N23 21.43	188 44.42	N20 00.14	296 30.40	S15 56.43	021 03.75	10.22	S16 43.91	10.23	57.62
09	270 20.36	305 52.62	S15 36.13	258 40.97	N04 55.30	173 09.75	N23 21.44	203 46.90	N20 00.15	311 30.35	S15 55.67	035 32.97	10.19	S16 54.14	10.13	57.59
10	285 22.82	320 52.00	S15 35.14	273 41.78	N04 56.04	188 12.42	N23 21.46	218 49.38	N20 00.16	326 30.30	S15 54.91	050 02.16	10.16	S17 04.27	10.03	57.56
11	300 25.28	335 51.37	S15 34.16	288 42.59	N04 56.77	203 15.10	N23 21.47	233 51.86	N20 00.17	341 30.25	S15 54.15	064 31.32	10.14	S17 14.30	09.93	57.54
12	315 27.75	350 50.75	S15 33.17	303 43.40	N04 57.51	218 17.77	N23 21.49	248 54.34	N20 00.18	356 30.20	S15 53.39	079 00.46	10.11	S17 24.23	09.83	57.51
13	330 30.21	005 50.12	S15 32.18	318 44.21	N04 58.25	233 20.45	N23 21.50	263 56.81	N20 00.18	011 30.15	S15 52.63	093 29.57	10.08	S17 34.06	09.72	57.48
14	345 32.68	020 49.50	S15 31.20	333 45.02	N04 58.99	248 23.12	N23 21.51	278 59.29	N20 00.19	026 30.10	S15 51.87	107 58.66	10.06	S17 43.79	09.62	57.45
15	000 35.14	035 48.87	S15 30.21	348 45.83	N04 59.73	263 25.80	N23 21.53	294 01.77	N20 00.20	041 30.05	S15 51.11	122 27.71	10.03	S17 53.41	09.52	57.42
16	015 37.60	050 48.25	S15 29.22	003 46.64	N05 00.46	278 28.47	N23 21.54	309 04.25	N20 00.21	056 30.01	S15 50.35	136 56.75	10.00	S18 02.92	09.41	57.39
17	030 40.07	065 47.63	S15 28.23	018 47.45	N05 01.20	293 31.14	N23 21.56	324 06.73	N20 00.22	071 29.96	S15 49.59	151 25.75	09.98	S18 12.33	09.31	57.36
18	045 42.53	080 47.01	S15 27.24	033 48.26	N05 01.94	308 33.81	N23 21.57	339 09.20	N20 00.23	086 29.91	S15 48.82	165 54.72	09.95	S18 21.64	09.20	57.33
19	060 45.00	095 46.38	S15 26.25	048 49.08	N05 02.68	323 36.49	N23 21.59	354 11.68	N20 00.24	101 29.86	S15 48.06	180 23.67	09.92	S18 30.84	09.09	57.30
20	075 47.46	110 45.76	S15 25.25	063 49.89	N05 03.41	338 39.16	N23 21.60	009 14.16	N20 00.25	116 29.82	S15 47.30	194 52.59	09.89	S18 39.93	08.98	57.27
21	090 49.93	125 45.14	S15 24.26	078 50.70	N05 04.15	353 41.83	N23 21.62	024 16.64	N20 00.25	131 29.77	S15 46.53	209 21.49	09.87	S18 48.91	08.87	57.24
22	105 52.39	140 44.52	S15 23.27	093 51.51	N05 04.89	008 44.50	N23 21.63	039 19.11	N20 00.26	146 29.72	S15 45.77	223 50.36	09.84	S18 57.79	08.76	57.21
23	120 54.85	155 43.90	S15 22.27	108 52.32	N05 05.63	023 47.17	N23 21.65	054 21.59	N20 00.27	161 29.68	S15 45.00	238 19.20	09.81	S19 06.55	08.65	57.19
		v -0.63	d 0.98	v 0.81	d 0.74	v 2.68	d 0.01	v 2.48	d 0.01	v -0.05	d 0.75	SD	15.87	15.67		
		HP 0.09		HP 0.08						SD 16.22	HP 0.15					

Wednesday February 06, 2002 through Thursday February 07, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
06 00	135 57.32	170 43.29	S15 21.28	123 53.13	N05 06.36	038 49.84	N23 21.66	069 24.07	N20 00.28	176 29.63	S15 44.24	252 48.01	09.79	S19 15.21	08.54	57.16
01	150 59.78	185 42.67	S15 20.28	138 53.94	N05 07.10	053 52.51	N23 21.67	084 26.54	N20 00.29	191 29.59	S15 43.47	267 16.79	09.76	S19 23.75	08.43	57.13
02	166 02.25	200 42.05	S15 19.28	153 54.75	N05 07.84	068 55.18	N23 21.69	099 29.02	N20 00.30	206 29.54	S15 42.70	281 45.55	09.73	S19 32.18	08.32	57.10
03	181 04.71	215 41.43	S15 18.29	168 55.56	N05 08.57	083 57.85	N23 21.70	114 31.49	N20 00.31	221 29.50	S15 41.94	296 14.29	09.71	S19 40.50	08.21	57.07
04	196 07.17	230 40.82	S15 17.29	183 56.37	N05 09.31	099 00.52	N23 21.72	129 33.97	N20 00.32	236 29.45	S15 41.17	310 42.99	09.68	S19 48.71	08.09	57.04
05	211 09.64	245 40.20	S15 16.29	198 57.18	N05 10.05	114 03.19	N23 21.73	144 36.44	N20 00.33	251 29.41	S15 40.40	325 11.67	09.65	S19 56.80	07.98	57.02
06	226 12.10	260 39.58	S15 15.29	213 57.99	N05 10.78	129 05.86	N23 21.75	159 38.92	N20 00.34	266 29.36	S15 39.63	339 40.32	09.63	S20 04.78	07.86	56.99
07	241 14.57	275 38.97	S15 14.29	228 58.80	N05 11.52	144 08.53	N23 21.76	174 41.39	N20 00.35	281 29.32	S15 38.86	354 08.95	09.60	S20 12.64	07.75	56.96
08	256 17.03	290 38.35	S15 13.29	243 59.61	N05 12.25	159 11.20	N23 21.78	189 43.87	N20 00.35	296 29.28	S15 38.09	008 37.55	09.58	S20 20.39	07.63	56.93
09	271 19.50	305 37.74	S15 12.29	259 00.42	N05 12.99	174 13.87	N23 21.79	204 46.34	N20 00.36	311 29.24	S15 37.32	023 06.13	09.55	S20 28.03	07.52	56.91
10	286 21.96	320 37.13	S15 11.28	274 01.23	N05 13.73	189 16.53	N23 21.80	219 48.82	N20 00.37	326 29.19	S15 36.55	037 34.68	09.53	S20 35.54	07.40	56.88
11	301 24.42	335 36.51	S15 10.28	289 02.05	N05 14.46	204 19.20	N23 21.82	234 51.29	N20 00.38	341 29.15	S15 35.78	052 03.21	09.50	S20 42.94	07.28	56.85
12	316 26.89	350 35.90	S15 09.28	304 02.86	N05 15.20	219 21.87	N23 21.83	249 53.77	N20 00.39	356 29.11	S15 35.01	066 31.71	09.48	S20 50.23	07.16	56.82
13	331 29.35	005 35.29	S15 08.27	319 03.67	N05 15.93	234 24.53	N23 21.85	264 56.24	N20 00.40	011 29.07	S15 34.24	081 00.19	09.45	S20 57.39	07.05	56.80
14	346 31.82	020 34.68	S15 07.26	334 04.48	N05 16.67	249 27.20	N23 21.86	279 58.71	N20 00.41	026 29.03	S15 33.47	095 28.64	09.43	S21 04.43	06.93	56.77
15	001 34.28	035 34.07	S15 06.26	349 05.29	N05 17.40	264 29.87	N23 21.87	295 01.19	N20 00.42	041 28.99	S15 32.69	109 57.07	09.41	S21 11.36	06.81	56.74
16	016 36.74	050 33.46	S15 05.25	004 06.10	N05 18.14	279 32.53	N23 21.89	310 03.66	N20 00.43	056 28.95	S15 31.92	124 25.48	09.39	S21 18.17	06.69	56.72
17	031 39.21	065 32.85	S15 04.24	019 06.91	N05 18.87	294 35.20	N23 21.90	325 06.13	N20 00.44	071 28.91	S15 31.15	138 53.87	09.36	S21 24.85	06.56	56.69
18	046 41.67	080 32.24	S15 03.24	034 07.72	N05 19.61	309 37.86	N23 21.92	340 08.60	N20 00.45	086 28.87	S15 30.37	153 22.23	09.34	S21 31.42	06.44	56.66
19	061 44.14	095 31.63	S15 02.23	049 08.53	N05 20.34	324 40.53	N23 21.93	355 11.08	N20 00.46	101 28.83	S15 29.60	167 50.57	09.32	S21 37.86	06.32	56.64
20	076 46.60	110 31.02	S15 01.22	064 09.34	N05 21.08	339 43.19	N23 21.95	010 13.55	N20 00.47	116 28.79	S15 28.82	182 18.89	09.30	S21 44.18	06.20	56.61
21	091 49.07	125 30.41	S15 00.21	079 10.15	N05 21.81	354 45.85	N23 21.96	025 16.02	N20 00.48	131 28.75	S15 28.05	196 47.19	09.28	S21 50.38	06.08	56.59
22	106 51.53	140 29.80	S14 59.19	094 10.96	N05 22.55	009 48.52	N23 21.97	040 18.49	N20 00.49	146 28.71	S15 27.27	211 15.48	09.26	S21 56.46	05.95	56.56
23	121 53.99	155 29.20	S14 58.18	109 11.77	N05 23.28	024 51.18	N23 21.99	055 20.96	N20 00.50	161 28.68	S15 26.50	225 43.74	09.24	S22 02.41	05.83	56.53
07 00	136 56.46	170 28.59	S14 57.17	124 12.58	N05 24.02	039 53.84	N23 22.00	070 23.44	N20 00.51	176 28.64	S15 25.72	240 11.98	09.22	S22 08.24	05.71	56.51
01	151 58.92	185 27.98	S14 56.16	139 13.39	N05 24.75	054 56.51	N23 22.02	085 25.91	N20 00.52	191 28.60	S15 24.94	254 40.20	09.21	S22 13.95	05.58	56.48
02	167 01.39	200 27.38	S14 55.14	154 14.20	N05 25.49	069 59.17	N23 22.03	100 28.38	N20 00.53	206 28.57	S15 24.16	269 08.41	09.19	S22 19.53	05.46	56.46
03	182 03.85	215 26.77	S14 54.13	169 15.01	N05 26.22	085 01.83	N23 22.04	115 30.85	N20 00.54	221 28.53	S15 23.39	283 36.60	09.17	S22 24.99	05.33	56.43
04	197 06.31	230 26.17	S14 53.11	184 15.82	N05 26.96	100 04.49	N23 22.06	130 33.32	N20 00.55	236 28.49	S15 22.61	298 04.77	09.16	S22 30.32	05.21	56.41
05	212 08.78	245 25.57	S14 52.10	199 16.63	N05 27.69	115 07.15	N23 22.07	145 35.79	N20 00.56	251 28.46	S15 21.83	312 32.93	09.14	S22 35.52	05.08	56.38
06	227 11.24	260 24.96	S14 51.08	214 17.44	N05 28.42	130 09.81	N23 22.08	160 38.26	N20 00.57	266 28.42	S15 21.05	327 01.07	09.13	S22 40.61	04.95	56.36
07	242 13.71	275 24.36	S14 50.06	229 18.25	N05 29.16	145 12.47	N23 22.10	175 40.73	N20 00.58	281 28.39	S15 20.27	341 29.20	09.11	S22 45.56	04.83	56.33
08	257 16.17	290 23.76	S14 49.04	244 19.06	N05 29.89	160 15.13	N23 22.11	190 43.20	N20 00.59	296 28.35	S15 19.49	355 57.32	09.10	S22 50.39	04.70	56.31
09	272 18.64	305 23.16	S14 48.02	259 19.87	N05 30.62	175 17.79	N23 22.13	205 45.67	N20 00.60	311 28.32	S15 18.71	010 25.42	09.09	S22 55.09	04.57	56.28
10	287 21.10	320 22.55	S14 47.00	274 20.68	N05 31.36	190 20.45	N23 22.14	220 48.14	N20 00.61	326 28.28	S15 17.93	024 53.51	09.08	S22 59.66	04.45	56.26
11	302 23.56	335 21.95	S14 45.98	289 21.49	N05 32.09	205 23.11	N23 22.15	235 50.61	N20 00.62	341 28.25	S15 17.14	039 21.59	09.07	S23 04.11	04.32	56.23
12	317 26.03	350 21.35	S14 44.96	304 22.29	N05 32.82	220 25.77	N23 22.17	250 53.08	N20 00.63	356 28.22	S15 16.36	053 49.66	09.06	S23 08.43	04.19	56.21
13	332 28.49	005 20.75	S14 43.94	319 23.10	N05 33.56	235 28.43	N23 22.18	265 55.55	N20 00.64	011 28.18	S15 15.58	068 17.71	09.05	S23 12.62	04.06	56.19
14	347 30.96	020 20.15	S14 42.92	334 23.91	N05 34.29	250 31.09	N23 22.19	280 58.01	N20 00.65	026 28.15	S15 14.80	082 45.76	09.04	S23 16.68	03.93	56.16
15	002 33.42	035 19.56	S14 41.89	349 24.72	N05 35.02	265 33.74	N23 22.21	296 00.48	N20 00.66	041 28.12	S15 14.01	097 13.80	09.03	S23 20.62	03.81	56.14
16	017 35.88	050 18.96	S14 40.87	004 25.53	N05 35.76	280 36.40	N23 22.22	311 02.95	N20 00.67	056 28.09	S15 13.23	111 41.84	09.03	S23 24.42	03.68	56.12
17	032 38.35	065 18.36	S14 39.84	019 26.34	N05 36.49	295 39.06	N23 22.24	326 05.42	N20 00.68	071 28.05	S15 12.44	126 09.87	09.02	S23 28.10	03.55	56.09
18	047 40.81	080 17.76	S14 38.82	034 27.15	N05 37.22	310 41.72	N23 22.25	341 07.89	N20 00.69	086 28.02	S15 11.66	140 37.89	09.02	S23 31.65	03.42	56.07
19	062 43.28	095 17.17	S14 37.79	049 27.96	N05 37.95	325 44.37	N23 22.26	356 10.35	N20 00.70	101 27.99	S15 10.87	155 05.90	09.01	S23 35.06	03.29	56.05
20	077 45.74	110 16.57	S14 36.77	064 28.77	N05 38.69	340 47.03	N23 22.28	011 12.82	N20 00.71	116 27.96	S15 10.09	169 33.92	09.01	S23 38.35	03.16	56.02
21	092 48.21	125 15.97	S14 35.74	079 29.58	N05 39.42	355 49.68	N23 22.29	026 15.29	N20 00.72	131 27.93	S15 09.30	184 01.93	09.01	S23 41.51	03.03	56.00
22	107 50.67	140 15.38	S14 34.71	094 30.39	N05 40.15	010 52.34	N23 22.30	041 17.75	N20 00.73	146 27.90	S15 08.51	198 29.94	09.01	S23 44.54	02.90	55.98
23	122 53.13	155 14.79	S14 33.68	109 31.20	N05 40.88	025 54.99	N23 22.32	056 20.22	N20 00.74	161 27.87	S15 07.73	212 57.94	09.01	S23 47.45	02.77	55.95
		v -0.61	d 1.01	v 0.81	d 0.73	v 2.66	d 0.01	v 2.47	d 0.01	v -0.04	d 0.78	SD	15.49	15.32		
		HP 0.09		HP 0.08						SD 16.22	HP 0.15					

Friday February 08, 2002 through Saturday February 09, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
08 00	137 55.60	170 14.19	S14 32.65	124 32.01	N05 41.61	040 57.65	N23 22.33	071 22.69	N20 00.75	176 27.84	S15 06.94	227 25.95	09.01	S23 50.22	02.64	55.93
01	152 58.06	185 13.60	S14 31.62	139 32.82	N05 42.35	056 00.30	N23 22.34	086 25.15	N20 00.76	191 27.81	S15 06.15	241 53.96	09.01	S23 52.86	02.51	55.91
02	168 00.53	200 13.00	S14 30.59	154 33.63	N05 43.08	071 02.96	N23 22.36	101 27.62	N20 00.77	206 27.78	S15 05.36	256 21.97	09.01	S23 55.37	02.38	55.89
03	183 02.99	215 12.41	S14 29.56	169 34.44	N05 43.81	086 05.61	N23 22.37	116 30.09	N20 00.78	221 27.76	S15 04.57	270 49.98	09.02	S23 57.75	02.25	55.87
04	198 05.45	230 11.82	S14 28.53	184 35.24	N05 44.54	101 08.26	N23 22.38	131 32.55	N20 00.79	236 27.73	S15 03.78	285 18.00	09.02	S24 00.00	02.12	55.84
05	213 07.92	245 11.23	S14 27.49	199 36.05	N05 45.27	116 10.92	N23 22.40	146 35.02	N20 00.81	251 27.70	S15 02.99	299 46.02	09.03	S24 02.12	01.99	55.82
06	228 10.38	260 10.64	S14 26.46	214 36.86	N05 46.00	131 13.57	N23 22.41	161 37.48	N20 00.82	266 27.67	S15 02.20	314 14.04	09.03	S24 04.11	01.86	55.80
07	243 12.85	275 10.05	S14 25.43	229 37.67	N05 46.74	146 16.22	N23 22.42	176 39.95	N20 00.83	281 27.65	S15 01.41	328 42.08	09.04	S24 05.97	01.73	55.78
08	258 15.31	290 09.46	S14 24.39	244 38.48	N05 47.47	161 18.87	N23 22.44	191 42.41	N20 00.84	296 27.62	S15 00.62	343 10.12	09.05	S24 07.70	01.60	55.76
09	273 17.78	305 08.87	S14 23.36	259 39.29	N05 48.20	176 21.53	N23 22.45	206 44.88	N20 00.85	311 27.59	S14 59.83	357 38.16	09.06	S24 09.31	01.47	55.74
10	288 20.24	320 08.28	S14 22.32	274 40.10	N05 48.93	191 24.18	N23 22.46	221 47.34	N20 00.86	326 27.57	S14 59.04	012 06.22	09.07	S24 10.78	01.34	55.71
11	303 22.70	335 07.69	S14 21.28	289 40.91	N05 49.66	206 26.83	N23 22.48	236 49.80	N20 00.87	341 27.54	S14 58.24	026 34.29	09.08	S24 12.12	01.21	55.69
12	318 25.17	350 07.10	S14 20.24	304 41.72	N05 50.39	221 29.48	N23 22.49	251 52.27	N20 00.88	356 27.52	S14 57.45	041 02.37	09.09	S24 13.33	01.08	55.67
13	333 27.63	005 06.51	S14 19.21	319 42.52	N05 51.12	236 32.13	N23 22.50	266 54.73	N20 00.89	011 27.49	S14 56.66	055 30.47	09.11	S24 14.41	00.95	55.65
14	348 30.10	020 05.93	S14 18.17	334 43.33	N05 51.85	251 34.78	N23 22.52	281 57.20	N20 00.90	026 27.47	S14 55.86	069 58.57	09.12	S24 15.36	00.82	55.63
15	003 32.56	035 05.34	S14 17.13	349 44.14	N05 52.58	266 37.43	N23 22.53	296 59.66	N20 00.91	041 27.44	S14 55.07	084 26.69	09.14	S24 16.19	00.69	55.61
16	018 35.02	050 04.76	S14 16.09	004 44.95	N05 53.31	281 40.08	N23 22.54	312 02.12	N20 00.93	056 27.42	S14 54.27	098 54.83	09.15	S24 16.88	00.56	55.59
17	033 37.49	065 04.17	S14 15.05	019 45.76	N05 54.04	296 42.73	N23 22.56	327 04.58	N20 00.94	071 27.40	S14 53.48	113 22.98	09.17	S24 17.44	00.44	55.57
18	048 39.95	080 03.58	S14 14.00	034 46.57	N05 54.77	311 45.38	N23 22.57	342 07.05	N20 00.95	086 27.37	S14 52.68	127 51.15	09.19	S24 17.88	00.31	55.55
19	063 42.42	095 03.00	S14 12.96	049 47.38	N05 55.50	326 48.02	N23 22.58	357 09.51	N20 00.96	101 27.35	S14 51.89	142 19.34	09.21	S24 18.19	00.18	55.53
20	078 44.88	110 02.42	S14 11.92	064 48.19	N05 56.23	341 50.67	N23 22.60	012 11.97	N20 00.97	116 27.33	S14 51.09	156 47.55	09.23	S24 18.36	00.05	55.51
21	093 47.35	125 01.83	S14 10.87	079 48.99	N05 56.96	356 53.32	N23 22.61	027 14.43	N20 00.98	131 27.31	S14 50.29	171 15.78	09.25	S24 18.41	00.08	55.49
22	108 49.81	140 01.25	S14 09.83	094 49.80	N05 57.69	011 55.97	N23 22.62	042 16.90	N20 00.99	146 27.28	S14 49.50	185 44.03	09.27	S24 18.33	00.21	55.47
23	123 52.27	155 00.67	S14 08.78	109 50.61	N05 58.42	026 58.61	N23 22.64	057 19.36	N20 01.00	161 27.26	S14 48.70	200 12.31	09.30	S24 18.13	00.33	55.45
09 00	138 54.74	170 00.09	S14 07.74	124 51.42	N05 59.15	042 01.26	N23 22.65	072 21.82	N20 01.02	176 27.24	S14 47.90	214 40.60	09.32	S24 17.79	00.46	55.43
01	153 57.20	184 59.50	S14 06.69	139 52.23	N05 59.88	057 03.91	N23 22.66	087 24.28	N20 01.03	191 27.22	S14 47.10	229 08.92	09.35	S24 17.33	00.59	55.41
02	168 59.67	199 58.92	S14 05.64	154 53.04	N06 00.61	072 06.55	N23 22.67	102 26.74	N20 01.04	206 27.20	S14 46.30	243 37.27	09.37	S24 16.75	00.72	55.39
03	184 02.13	214 58.34	S14 04.60	169 53.84	N06 01.34	087 09.20	N23 22.69	117 29.20	N20 01.05	221 27.18	S14 45.50	258 05.65	09.40	S24 16.03	00.84	55.37
04	199 04.59	229 57.76	S14 03.55	184 54.65	N06 02.06	102 11.84	N23 22.70	132 31.66	N20 01.06	236 27.16	S14 44.70	272 34.05	09.43	S24 15.19	00.97	55.35
05	214 07.06	244 57.18	S14 02.50	199 55.46	N06 02.79	117 14.49	N23 22.71	147 34.12	N20 01.07	251 27.14	S14 43.90	287 02.48	09.46	S24 14.22	01.09	55.34
06	229 09.52	259 56.60	S14 01.45	214 56.27	N06 03.52	132 17.13	N23 22.73	162 36.58	N20 01.08	266 27.12	S14 43.10	301 30.94	09.49	S24 13.13	01.22	55.32
07	244 11.99	274 56.03	S14 00.40	229 57.08	N06 04.25	147 19.78	N23 22.74	177 39.04	N20 01.10	281 27.10	S14 42.30	315 59.43	09.52	S24 11.91	01.34	55.30
08	259 14.45	289 55.45	S13 59.35	244 57.88	N06 04.98	162 22.42	N23 22.75	192 41.50	N20 01.11	296 27.08	S14 41.50	330 27.95	09.55	S24 10.57	01.47	55.28
09	274 16.92	304 54.87	S13 58.30	259 58.69	N06 05.71	177 25.06	N23 22.76	207 43.96	N20 01.12	311 27.07	S14 40.70	344 56.50	09.59	S24 09.10	01.59	55.26
10	289 19.38	319 54.29	S13 57.24	274 59.50	N06 06.44	192 27.71	N23 22.78	222 46.42	N20 01.13	326 27.05	S14 39.89	359 25.09	09.62	S24 07.50	01.72	55.24
11	304 21.84	334 53.72	S13 56.19	290 00.31	N06 07.16	207 30.35	N23 22.79	237 48.88	N20 01.14	341 27.03	S14 39.09	013 53.71	09.66	S24 05.79	01.84	55.23
12	319 24.31	349 53.14	S13 55.14	305 01.12	N06 07.89	222 32.99	N23 22.80	252 51.34	N20 01.15	356 27.01	S14 38.29	028 22.37	09.69	S24 03.95	01.96	55.21
13	334 26.77	004 52.57	S13 54.08	320 01.92	N06 08.62	237 35.63	N23 22.82	267 53.80	N20 01.17	011 27.00	S14 37.48	042 51.06	09.73	S24 01.99	02.08	55.19
14	349 29.24	019 51.99	S13 53.03	335 02.73	N06 09.35	252 38.27	N23 22.83	282 56.26	N20 01.18	026 26.98	S14 36.68	057 19.79	09.77	S23 59.90	02.21	55.17
15	004 31.70	034 51.42	S13 51.97	350 03.54	N06 10.07	267 40.92	N23 22.84	297 58.72	N20 01.19	041 26.96	S14 35.87	071 48.56	09.81	S23 57.69	02.33	55.15
16	019 34.16	049 50.84	S13 50.91	005 04.35	N06 10.80	282 43.56	N23 22.85	313 01.17	N20 01.20	056 26.95	S14 35.07	086 17.36	09.84	S23 55.37	02.45	55.14
17	034 36.63	064 50.27	S13 49.86	020 05.16	N06 11.53	297 46.20	N23 22.87	328 03.63	N20 01.21	071 26.93	S14 34.26	100 46.21	09.89	S23 52.92	02.57	55.12
18	049 39.09	079 49.70	S13 48.80	035 05.96	N06 12.26	312 48.84	N23 22.88	343 06.09	N20 01.22	086 26.92	S14 33.46	115 15.09	09.93	S23 50.35	02.69	55.10
19	064 41.56	094 49.12	S13 47.74	050 06.77	N06 12.98	327 51.48	N23 22.89	358 08.55	N20 01.24	101 26.90	S14 32.65	129 44.02	09.97	S23 47.66	02.81	55.09
20	079 44.02	109 48.55	S13 46.68	065 07.58	N06 13.71	342 54.12	N23 22.90	013 11.00	N20 01.25	116 26.89	S14 31.85	144 12.99	10.01	S23 44.85	02.93	55.07
21	094 46.49	124 47.98	S13 45.62	080 08.39	N06 14.44	357 56.76	N23 22.92	028 13.46	N20 01.26	131 26.87	S14 31.04	158 42.00	10.05	S23 41.92	03.05	55.05
22	109 48.95	139 47.41	S13 44.56	095 09.19	N06 15.16	012 59.40	N23 22.93	043 15.92	N20 01.27	146 26.86	S14 30.23	173 11.05	10.10	S23 38.87	03.16	55.03
23	124 51.41	154 46.84	S13 43.50	110 10.00	N06 15.89	028 02.03	N23 22.94	058 18.37	N20 01.29	161 26.85	S14 29.42	187 40.15	10.14	S23 35.71	03.28	55.02
		v -0.58	d 1.05	v 0.81	d 0.73	v 2.65	d 0.01	v 2.46	d 0.01	v -0.02	d 0.80	SD	15.17	15.05		
		HP 0.09		HP 0.08						SD 16.21	HP 0.15					

Sunday February 10, 2002 through Monday February 11, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
10 00	139 53.88	169 46.27	S13 42.44	125 10.81	N06 16.62	043 04.67	N23 22.95	073 20.83	N20 01.30	176 26.83	S14 28.61	202 09.29	10.19	S23 32.42	03.40	55.00
01	154 56.34	184 45.70	S13 41.38	140 11.62	N06 17.34	058 07.31	N23 22.97	088 23.29	N20 01.31	191 26.82	S14 27.80	216 38.48	10.24	S23 29.03	03.51	54.99
02	169 58.81	199 45.13	S13 40.32	155 12.42	N06 18.07	073 09.95	N23 22.98	103 25.74	N20 01.32	206 26.81	S14 27.00	231 07.72	10.28	S23 25.51	03.63	54.97
03	185 01.27	214 44.56	S13 39.25	170 13.23	N06 18.80	088 12.58	N23 22.99	118 28.20	N20 01.33	221 26.80	S14 26.19	245 37.00	10.33	S23 21.88	03.75	54.95
04	200 03.73	229 43.99	S13 38.19	185 14.04	N06 19.52	103 15.22	N23 23.00	133 30.65	N20 01.35	236 26.78	S14 25.38	260 06.34	10.38	S23 18.14	03.86	54.94
05	215 06.20	244 43.43	S13 37.12	200 14.85	N06 20.25	118 17.86	N23 23.02	148 33.11	N20 01.36	251 26.77	S14 24.56	274 35.72	10.43	S23 14.28	03.97	54.92
06	230 08.66	259 42.86	S13 36.06	215 15.65	N06 20.97	133 20.49	N23 23.03	163 35.57	N20 01.37	266 26.76	S14 23.75	289 05.15	10.48	S23 10.30	04.09	54.91
07	245 11.13	274 42.29	S13 34.99	230 16.46	N06 21.70	148 23.13	N23 23.04	178 38.02	N20 01.38	281 26.75	S14 22.94	303 34.62	10.53	S23 06.22	04.20	54.89
08	260 13.59	289 41.73	S13 33.92	245 17.27	N06 22.43	163 25.76	N23 23.05	193 40.48	N20 01.40	296 26.74	S14 22.13	318 04.15	10.58	S23 02.02	04.31	54.87
09	275 16.06	304 41.16	S13 32.86	260 18.07	N06 23.15	178 28.40	N23 23.07	208 42.93	N20 01.41	311 26.73	S14 21.32	332 33.74	10.63	S22 57.71	04.42	54.86
10	290 18.52	319 40.60	S13 31.79	275 18.88	N06 23.88	193 31.03	N23 23.08	223 45.38	N20 01.42	326 26.72	S14 20.51	347 03.37	10.69	S22 53.29	04.53	54.84
11	305 20.98	334 40.03	S13 30.72	290 19.69	N06 24.60	208 33.67	N23 23.09	238 47.84	N20 01.43	341 26.71	S14 19.69	001 33.06	10.74	S22 48.76	04.64	54.83
12	320 23.45	349 39.47	S13 29.65	305 20.50	N06 25.33	223 36.30	N23 23.10	253 50.29	N20 01.44	356 26.70	S14 18.88	016 02.79	10.79	S22 44.12	04.75	54.81
13	335 25.91	004 38.90	S13 28.58	320 21.30	N06 26.05	238 38.94	N23 23.12	268 52.75	N20 01.46	011 26.69	S14 18.06	030 32.59	10.85	S22 39.37	04.86	54.80
14	350 28.38	019 38.34	S13 27.51	335 22.11	N06 26.78	253 41.57	N23 23.13	283 55.20	N20 01.47	026 26.68	S14 17.25	045 02.43	10.90	S22 34.51	04.97	54.78
15	005 30.84	034 37.78	S13 26.44	350 22.92	N06 27.50	268 44.20	N23 23.14	298 57.65	N20 01.48	041 26.68	S14 16.44	059 32.33	10.96	S22 29.54	05.07	54.77
16	020 33.30	049 37.22	S13 25.37	005 23.72	N06 28.23	283 46.84	N23 23.15	314 00.11	N20 01.50	056 26.67	S14 15.62	074 02.29	11.01	S22 24.47	05.18	54.75
17	035 35.77	064 36.65	S13 24.30	020 24.53	N06 28.95	298 49.47	N23 23.17	329 02.56	N20 01.51	071 26.66	S14 14.80	088 32.30	11.07	S22 19.29	05.28	54.74
18	050 38.23	079 36.09	S13 23.22	035 25.34	N06 29.67	313 52.10	N23 23.18	344 05.01	N20 01.52	086 26.65	S14 13.99	103 02.37	11.12	S22 14.01	05.39	54.73
19	065 40.70	094 35.53	S13 22.15	050 26.14	N06 30.40	328 54.73	N23 23.19	359 07.46	N20 01.53	101 26.65	S14 13.17	117 32.49	11.18	S22 08.62	05.49	54.71
20	080 43.16	109 34.97	S13 21.07	065 26.95	N06 31.12	343 57.36	N23 23.20	014 09.92	N20 01.55	116 26.64	S14 12.36	132 02.67	11.24	S22 03.13	05.60	54.70
21	095 45.63	124 34.41	S13 20.00	080 27.76	N06 31.85	358 59.99	N23 23.21	029 12.37	N20 01.56	131 26.63	S14 11.54	146 32.91	11.30	S21 57.53	05.70	54.68
22	110 48.09	139 33.85	S13 18.92	095 28.56	N06 32.57	014 02.62	N23 23.23	044 14.82	N20 01.57	146 26.63	S14 10.72	161 03.20	11.35	S21 51.83	05.80	54.67
23	125 50.55	154 33.29	S13 17.85	110 29.37	N06 33.30	029 05.25	N23 23.24	059 17.27	N20 01.58	161 26.62	S14 09.90	175 33.56	11.41	S21 46.03	05.90	54.66
11 00	140 53.02	169 32.74	S13 16.77	125 30.18	N06 34.02	044 07.88	N23 23.25	074 19.72	N20 01.60	176 26.62	S14 09.08	190 03.97	11.47	S21 40.13	06.00	54.64
01	155 55.48	184 32.18	S13 15.69	140 30.98	N06 34.74	059 10.51	N23 23.26	089 22.17	N20 01.61	191 26.61	S14 08.26	204 34.44	11.53	S21 34.13	06.10	54.63
02	170 57.95	199 31.62	S13 14.62	155 31.79	N06 35.47	074 13.14	N23 23.27	104 24.63	N20 01.62	206 26.61	S14 07.45	219 04.97	11.59	S21 28.03	06.20	54.62
03	186 00.41	214 31.06	S13 13.54	170 32.60	N06 36.19	089 15.77	N23 23.29	119 27.08	N20 01.64	221 26.61	S14 06.63	233 35.56	11.65	S21 21.84	06.30	54.60
04	201 02.87	229 30.51	S13 12.46	185 33.40	N06 36.91	104 18.40	N23 23.30	134 29.53	N20 01.65	236 26.60	S14 05.81	248 06.20	11.71	S21 15.54	06.39	54.59
05	216 05.34	244 29.95	S13 11.38	200 34.21	N06 37.64	119 21.03	N23 23.31	149 31.98	N20 01.66	251 26.60	S14 04.99	262 36.91	11.77	S21 09.15	06.49	54.58
06	231 07.80	259 29.40	S13 10.30	215 35.02	N06 38.36	134 23.65	N23 23.32	164 34.43	N20 01.67	266 26.59	S14 04.16	277 07.68	11.83	S21 02.66	06.58	54.56
07	246 10.27	274 28.84	S13 09.22	230 35.82	N06 39.08	149 26.28	N23 23.33	179 36.88	N20 01.69	281 26.59	S14 03.34	291 38.51	11.89	S20 56.07	06.68	54.55
08	261 12.73	289 28.29	S13 08.13	245 36.63	N06 39.80	164 28.91	N23 23.35	194 39.33	N20 01.70	296 26.59	S14 02.52	306 09.39	11.95	S20 49.40	06.77	54.54
09	276 15.19	304 27.73	S13 07.05	260 37.43	N06 40.53	179 31.54	N23 23.36	209 41.78	N20 01.71	311 26.59	S14 01.70	320 40.34	12.01	S20 42.62	06.87	54.53
10	291 17.66	319 27.18	S13 05.97	275 38.24	N06 41.25	194 34.16	N23 23.37	224 44.23	N20 01.73	326 26.59	S14 00.88	335 11.35	12.07	S20 35.76	06.96	54.51
11	306 20.12	334 26.63	S13 04.89	290 39.05	N06 41.97	209 36.79	N23 23.38	239 46.68	N20 01.74	341 26.58	S14 00.05	349 42.42	12.13	S20 28.80	07.05	54.50
12	321 22.59	349 26.08	S13 03.80	305 39.85	N06 42.69	224 39.41	N23 23.39	254 49.12	N20 01.75	356 26.58	S13 59.23	004 13.55	12.19	S20 21.75	07.14	54.49
13	336 25.05	004 25.52	S13 02.72	320 40.66	N06 43.42	239 42.04	N23 23.41	269 51.57	N20 01.77	011 26.58	S13 58.41	018 44.75	12.25	S20 14.61	07.23	54.48
14	351 27.52	019 24.97	S13 01.63	335 41.46	N06 44.14	254 44.66	N23 23.42	284 54.02	N20 01.78	026 26.58	S13 57.58	033 16.00	12.32	S20 07.39	07.32	54.47
15	006 29.98	034 24.42	S13 00.55	350 42.27	N06 44.86	269 47.29	N23 23.43	299 56.47	N20 01.79	041 26.58	S13 56.76	047 47.32	12.38	S20 00.07	07.41	54.45
16	021 32.44	049 23.87	S12 59.46	005 43.08	N06 45.58	284 49.91	N23 23.44	314 58.92	N20 01.81	056 26.58	S13 55.93	062 18.69	12.44	S19 52.66	07.49	54.44
17	036 34.91	064 23.32	S12 58.37	020 43.88	N06 46.30	299 52.54	N23 23.45	330 01.37	N20 01.82	071 26.58	S13 55.11	076 50.13	12.50	S19 45.17	07.58	54.43
18	051 37.37	079 22.77	S12 57.28	035 44.69	N06 47.02	314 55.16	N23 23.46	345 03.81	N20 01.83	086 26.58	S13 54.28	091 21.63	12.56	S19 37.59	07.66	54.42
19	066 39.84	094 22.22	S12 56.20	050 45.49	N06 47.75	329 57.78	N23 23.48	000 06.26	N20 01.85	101 26.58	S13 53.46	105 53.19	12.62	S19 29.93	07.75	54.41
20	081 42.30	109 21.67	S12 55.11	065 46.30	N06 48.47	345 00.40	N23 23.49	015 08.71	N20 01.86	116 26.59	S13 52.63	120 24.81	12.68	S19 22.18	07.83	54.40
21	096 44.76	124 21.12	S12 54.02	080 47.11	N06 49.19	000 03.03	N23 23.50	030 11.16	N20 01.87	131 26.59	S13 51.80	134 56.50	12.74	S19 14.35	07.92	54.39
22	111 47.23	139 20.58	S12 52.93	095 47.91	N06 49.91	015 05.65	N23 23.51	045 13.60	N20 01.89	146 26.59	S13 50.97	149 28.24	12.81	S19 06.43	08.00	54.37
23	126 49.69	154 20.03	S12 51.84	110 48.72	N06 50.63	030 08.27	N23 23.52	060 16.05	N20 01.90	161 26.59	S13 50.15	164 00.05	12.87	S18 58.44	08.08	54.36
		v -0.56	d 1.08	v 0.81	d 0.72	v 2.63	d 0.01	v 2.45	d 0.01	v 0.00	d 0.82	SD	14.94	14.85		
		HP 0.09		HP 0.08						SD 16.20	HP 0.15					

Tuesday February 12, 2002 through Wednesday February 13, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
12 00	141 52.16	169 19.48	S12 50.74	125 49.52	N06 51.35	045 10.89	N23 23.53	075 18.50	N20 01.92	176 26.60	S13 49.32	178 31.91	12.93	S18 50.36	08.16	54.35
01	156 54.62	184 18.94	S12 49.65	140 50.33	N06 52.07	060 13.51	N23 23.55	090 20.94	N20 01.93	191 26.60	S13 48.49	193 03.84	12.99	S18 42.20	08.24	54.34
02	171 57.08	199 18.39	S12 48.56	155 51.13	N06 52.79	075 16.13	N23 23.56	105 23.39	N20 01.94	206 26.60	S13 47.66	207 35.83	13.05	S18 33.96	08.32	54.33
03	186 59.55	214 17.85	S12 47.47	170 51.94	N06 53.51	090 18.75	N23 23.57	120 25.83	N20 01.96	221 26.61	S13 46.83	222 07.88	13.11	S18 25.64	08.39	54.32
04	202 02.01	229 17.30	S12 46.37	185 52.74	N06 54.23	105 21.37	N23 23.58	135 28.28	N20 01.97	236 26.61	S13 46.00	236 39.99	13.17	S18 17.25	08.47	54.31
05	217 04.48	244 16.76	S12 45.28	200 53.55	N06 54.95	120 23.99	N23 23.59	150 30.73	N20 01.98	251 26.61	S13 45.17	251 12.16	13.23	S18 08.78	08.55	54.30
06	232 06.94	259 16.21	S12 44.18	215 54.35	N06 55.67	135 26.61	N23 23.60	165 33.17	N20 02.00	266 26.62	S13 44.34	265 44.39	13.29	S18 00.23	08.62	54.29
07	247 09.40	274 15.67	S12 43.09	230 55.16	N06 56.39	150 29.23	N23 23.62	180 35.62	N20 02.01	281 26.62	S13 43.51	280 16.68	13.35	S17 51.61	08.70	54.28
08	262 11.87	289 15.13	S12 41.99	245 55.97	N06 57.11	165 31.85	N23 23.63	195 38.06	N20 02.03	296 26.63	S13 42.68	294 49.03	13.41	S17 42.91	08.77	54.27
09	277 14.33	304 14.58	S12 40.89	260 56.77	N06 57.83	180 34.47	N23 23.64	210 40.50	N20 02.04	311 26.64	S13 41.85	309 21.44	13.47	S17 34.14	08.84	54.26
10	292 16.80	319 14.04	S12 39.80	275 57.58	N06 58.55	195 37.08	N23 23.65	225 42.95	N20 02.05	326 26.64	S13 41.02	323 53.91	13.53	S17 25.30	08.92	54.25
11	307 19.26	334 13.50	S12 38.70	290 58.38	N06 59.27	210 39.70	N23 23.66	240 45.39	N20 02.07	341 26.65	S13 40.18	338 26.44	13.59	S17 16.38	08.99	54.24
12	322 21.73	349 12.96	S12 37.60	305 59.19	N06 59.99	225 42.32	N23 23.67	255 47.84	N20 02.08	356 26.66	S13 39.35	352 59.03	13.65	S17 07.39	09.06	54.24
13	337 24.19	004 12.42	S12 36.50	320 59.99	N07 00.71	240 44.94	N23 23.68	270 50.28	N20 02.09	011 26.66	S13 38.52	007 31.68	13.71	S16 58.34	09.13	54.23
14	352 26.65	019 11.88	S12 35.40	336 00.80	N07 01.43	255 47.55	N23 23.70	285 52.72	N20 02.11	026 26.67	S13 37.68	022 04.38	13.76	S16 49.21	09.19	54.22
15	007 29.12	034 11.34	S12 34.30	351 01.60	N07 02.15	270 50.17	N23 23.71	300 55.17	N20 02.12	041 26.68	S13 36.85	036 37.15	13.82	S16 40.02	09.26	54.21
16	022 31.58	049 10.80	S12 33.20	006 02.41	N07 02.87	285 52.78	N23 23.72	315 57.61	N20 02.14	056 26.69	S13 36.01	051 09.97	13.88	S16 30.75	09.33	54.20
17	037 34.05	064 10.26	S12 32.10	021 03.21	N07 03.58	300 55.40	N23 23.73	331 00.05	N20 02.15	071 26.69	S13 35.18	065 42.85	13.94	S16 21.42	09.40	54.19
18	052 36.51	079 09.72	S12 31.00	036 04.01	N07 04.30	315 58.01	N23 23.74	346 02.50	N20 02.17	086 26.70	S13 34.34	080 15.78	13.99	S16 12.03	09.46	54.18
19	067 38.97	094 09.19	S12 29.89	051 04.82	N07 05.02	331 00.63	N23 23.75	001 04.94	N20 02.18	101 26.71	S13 33.51	094 48.78	14.05	S16 02.57	09.52	54.18
20	082 41.44	109 08.65	S12 28.79	066 05.62	N07 05.74	346 03.24	N23 23.76	016 07.38	N20 02.19	116 26.72	S13 32.67	109 21.82	14.10	S15 53.04	09.59	54.17
21	097 43.90	124 08.11	S12 27.69	081 06.43	N07 06.46	001 05.86	N23 23.77	031 09.82	N20 02.21	131 26.73	S13 31.84	123 54.93	14.16	S15 43.45	09.65	54.16
22	112 46.37	139 07.57	S12 26.58	096 07.23	N07 07.17	016 08.47	N23 23.79	046 12.27	N20 02.22	146 26.74	S13 31.00	138 28.09	14.21	S15 33.80	09.71	54.15
23	127 48.83	154 07.04	S12 25.48	111 08.04	N07 07.89	031 11.08	N23 23.80	061 14.71	N20 02.24	161 26.75	S13 30.16	153 01.30	14.27	S15 24.09	09.77	54.14
13 00	142 51.29	169 06.50	S12 24.37	126 08.84	N07 08.61	046 13.69	N23 23.81	076 17.15	N20 02.25	176 26.76	S13 29.33	167 34.57	14.32	S15 14.32	09.83	54.14
01	157 53.76	184 05.97	S12 23.27	141 09.65	N07 09.33	061 16.31	N23 23.82	091 19.59	N20 02.27	191 26.77	S13 28.49	182 07.90	14.38	S15 04.48	09.89	54.13
02	172 56.22	199 05.43	S12 22.16	156 10.45	N07 10.05	076 18.92	N23 23.83	106 22.03	N20 02.28	206 26.78	S13 27.65	196 41.27	14.43	S14 54.59	09.95	54.12
03	187 58.69	214 04.90	S12 21.05	171 11.26	N07 10.76	091 21.53	N23 23.84	121 24.47	N20 02.29	221 26.80	S13 26.81	211 14.70	14.48	S14 44.64	10.01	54.11
04	203 01.15	229 04.37	S12 19.94	186 12.06	N07 11.48	106 24.14	N23 23.85	136 26.91	N20 02.31	236 26.81	S13 25.97	225 48.19	14.54	S14 34.63	10.07	54.11
05	218 03.61	244 03.83	S12 18.84	201 12.86	N07 12.20	121 26.75	N23 23.86	151 29.35	N20 02.32	251 26.82	S13 25.13	240 21.72	14.59	S14 24.56	10.12	54.10
06	233 06.08	259 03.30	S12 17.73	216 13.67	N07 12.91	136 29.36	N23 23.87	166 31.79	N20 02.34	266 26.83	S13 24.29	254 55.31	14.64	S14 14.44	10.18	54.09
07	248 08.54	274 02.77	S12 16.62	231 14.47	N07 13.63	151 31.97	N23 23.89	181 34.23	N20 02.35	281 26.85	S13 23.45	269 28.95	14.69	S14 04.26	10.23	54.09
08	263 11.01	289 02.24	S12 15.51	246 15.28	N07 14.35	166 34.58	N23 23.90	196 36.67	N20 02.37	296 26.86	S13 22.61	284 02.64	14.74	S13 54.03	10.29	54.08
09	278 13.47	304 01.71	S12 14.40	261 16.08	N07 15.06	181 37.19	N23 23.91	211 39.11	N20 02.38	311 26.87	S13 21.77	298 36.38	14.79	S13 43.74	10.34	54.08
10	293 15.94	319 01.18	S12 13.29	276 16.89	N07 15.78	196 39.80	N23 23.92	226 41.55	N20 02.40	326 26.89	S13 20.93	313 10.17	14.84	S13 33.40	10.39	54.07
11	308 18.40	334 00.64	S12 12.17	291 17.69	N07 16.50	211 42.41	N23 23.93	241 43.99	N20 02.41	341 26.90	S13 20.09	327 44.01	14.89	S13 23.01	10.44	54.06
12	323 20.86	349 00.11	S12 11.06	306 18.49	N07 17.21	226 45.02	N23 23.94	256 46.43	N20 02.43	356 26.92	S13 19.25	342 17.90	14.94	S13 12.57	10.49	54.06
13	338 23.33	003 59.59	S12 09.95	321 19.30	N07 17.93	241 47.63	N23 23.95	271 48.87	N20 02.44	011 26.93	S13 18.40	356 51.84	14.98	S13 02.07	10.54	54.05
14	353 25.79	018 59.06	S12 08.83	336 20.10	N07 18.64	256 50.23	N23 23.96	286 51.31	N20 02.46	026 26.95	S13 17.56	011 25.82	15.03	S12 51.53	10.59	54.05
15	008 28.26	033 58.53	S12 07.72	351 20.90	N07 19.36	271 52.84	N23 23.97	301 53.75	N20 02.47	041 26.96	S13 16.72	025 59.86	15.08	S12 40.94	10.64	54.04
16	023 30.72	048 58.00	S12 06.61	006 21.71	N07 20.08	286 55.45	N23 23.98	316 56.18	N20 02.48	056 26.98	S13 15.87	040 33.93	15.12	S12 30.30	10.69	54.04
17	038 33.18	063 57.47	S12 05.49	021 22.51	N07 20.79	301 58.05	N23 23.99	331 58.62	N20 02.50	071 26.99	S13 15.03	055 08.06	15.17	S12 19.61	10.73	54.03
18	053 35.65	078 56.95	S12 04.37	036 23.32	N07 21.51	317 00.66	N23 24.01	347 01.06	N20 02.51	086 27.01	S13 14.19	069 42.23	15.21	S12 08.88	10.78	54.03
19	068 38.11	093 56.42	S12 03.26	051 24.12	N07 22.22	332 03.27	N23 24.02	002 03.50	N20 02.53	101 27.03	S13 13.34	084 16.44	15.26	S11 58.10	10.82	54.02
20	083 40.58	108 55.89	S12 02.14	066 24.92	N07 22.94	347 05.87	N23 24.03	017 05.93	N20 02.54	116 27.05	S13 12.50	098 50.70	15.30	S11 47.28	10.87	54.02
21	098 43.04	123 55.37	S12 01.02	081 25.73	N07 23.65	002 08.48	N23 24.04	032 08.37	N20 02.56	131 27.06	S13 11.65	113 25.00	15.34	S11 36.41	10.91	54.01
22	113 45.50	138 54.84	S11 59.91	096 26.53	N07 24.37	017 11.08	N23 24.05	047 10.81	N20 02.57	146 27.08	S13 10.80	127 59.35	15.39	S11 25.50	10.95	54.01
23	128 47.97	153 54.32	S11 58.79	111 27.33	N07 25.08	032 13.69	N23 24.06	062 13.25	N20 02.59	161 27.10	S13 09.96	142 33.73	15.43	S11 14.54	11.00	54.00
		v -0.53	d 1.11	v 0.80	d 0.72	v 2.61	d 0.01	v 2.44	d 0.01	v 0.01	d 0.84	SD	14.78	14.73		
		HP 0.09		HP 0.08						SD 16.20	HP 0.15					

Thursday February 14, 2002 through Friday February 15, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
14 00	143 50.43	168 53.79	S11 57.67	126 28.14	N07 25.80	047 16.29	N23 24.07	077 15.68	N20 02.60	176 27.12	S13 09.11	157 08.16	15.47	S11 03.55	11.04	54.00
01	158 52.90	183 53.27	S11 56.55	141 28.94	N07 26.51	062 18.89	N23 24.08	092 18.12	N20 02.62	191 27.14	S13 08.26	171 42.63	15.51	S10 52.51	11.08	54.00
02	173 55.36	198 52.75	S11 55.43	156 29.74	N07 27.22	077 21.50	N23 24.09	107 20.55	N20 02.63	206 27.16	S13 07.42	186 17.14	15.55	S10 41.43	11.12	53.99
03	188 57.82	213 52.22	S11 54.31	171 30.55	N07 27.94	092 24.10	N23 24.10	122 22.99	N20 02.65	221 27.18	S13 06.57	200 51.69	15.59	S10 30.31	11.16	53.99
04	204 00.29	228 51.70	S11 53.19	186 31.35	N07 28.65	107 26.70	N23 24.11	137 25.43	N20 02.67	236 27.20	S13 05.72	215 26.27	15.63	S10 19.16	11.19	53.99
05	219 02.75	243 51.18	S11 52.06	201 32.15	N07 29.37	122 29.30	N23 24.12	152 27.86	N20 02.68	251 27.22	S13 04.87	230 00.90	15.66	S10 07.96	11.23	53.98
06	234 05.22	258 50.66	S11 50.94	216 32.96	N07 30.08	137 31.91	N23 24.13	167 30.30	N20 02.70	266 27.24	S13 04.02	244 35.56	15.70	S09 56.73	11.27	53.98
07	249 07.68	273 50.13	S11 49.82	231 33.76	N07 30.79	152 34.51	N23 24.14	182 32.73	N20 02.71	281 27.26	S13 03.17	259 10.26	15.74	S09 45.46	11.30	53.98
08	264 10.14	288 49.61	S11 48.70	246 34.56	N07 31.51	167 37.11	N23 24.15	197 35.17	N20 02.73	296 27.28	S13 02.33	273 45.00	15.77	S09 34.16	11.34	53.98
09	279 12.61	303 49.09	S11 47.57	261 35.37	N07 32.22	182 39.71	N23 24.17	212 37.60	N20 02.74	311 27.30	S13 01.48	288 19.77	15.81	S09 22.82	11.37	53.97
10	294 15.07	318 48.57	S11 46.45	276 36.17	N07 32.93	197 42.31	N23 24.18	227 40.04	N20 02.76	326 27.32	S13 00.63	302 54.57	15.84	S09 11.44	11.41	53.97
11	309 17.54	333 48.05	S11 45.32	291 36.97	N07 33.65	212 44.91	N23 24.19	242 42.47	N20 02.77	341 27.34	S12 59.77	317 29.41	15.87	S09 00.03	11.44	53.97
12	324 20.00	348 47.54	S11 44.20	306 37.77	N07 34.36	227 47.51	N23 24.20	257 44.90	N20 02.79	356 27.37	S12 58.92	332 04.29	15.91	S08 48.59	11.47	53.97
13	339 22.46	003 47.02	S11 43.07	321 38.58	N07 35.07	242 50.11	N23 24.21	272 47.34	N20 02.80	011 27.39	S12 58.07	346 39.19	15.94	S08 37.12	11.50	53.96
14	354 24.93	018 46.50	S11 41.94	336 39.38	N07 35.78	257 52.71	N23 24.22	287 49.77	N20 02.82	026 27.41	S12 57.22	001 14.13	15.97	S08 25.62	11.54	53.96
15	009 27.39	033 45.98	S11 40.82	351 40.18	N07 36.50	272 55.31	N23 24.23	302 52.20	N20 02.83	041 27.43	S12 56.37	015 49.10	16.00	S08 14.08	11.57	53.96
16	024 29.86	048 45.46	S11 39.69	006 40.99	N07 37.21	287 57.90	N23 24.24	317 54.64	N20 02.85	056 27.46	S12 55.52	030 24.09	16.03	S08 02.51	11.59	53.96
17	039 32.32	063 44.95	S11 38.56	021 41.79	N07 37.92	303 00.50	N23 24.25	332 57.07	N20 02.87	071 27.48	S12 54.66	044 59.12	16.06	S07 50.92	11.62	53.96
18	054 34.78	078 44.43	S11 37.43	036 42.59	N07 38.63	318 03.10	N23 24.26	347 59.50	N20 02.88	086 27.51	S12 53.81	059 34.18	16.08	S07 39.30	11.65	53.96
19	069 37.25	093 43.92	S11 36.30	051 43.39	N07 39.35	333 05.70	N23 24.27	003 01.94	N20 02.90	101 27.53	S12 52.96	074 09.26	16.11	S07 27.64	11.68	53.96
20	084 39.71	108 43.40	S11 35.17	066 44.20	N07 40.06	348 08.29	N23 24.28	018 04.37	N20 02.91	116 27.56	S12 52.10	088 44.37	16.14	S07 15.97	11.71	53.96
21	099 42.18	123 42.89	S11 34.04	081 45.00	N07 40.77	003 10.89	N23 24.29	033 06.80	N20 02.93	131 27.58	S12 51.25	103 19.51	16.16	S07 04.26	11.73	53.96
22	114 44.64	138 42.37	S11 32.91	096 45.80	N07 41.48	018 13.49	N23 24.30	048 09.23	N20 02.94	146 27.61	S12 50.39	117 54.67	16.19	S06 52.53	11.76	53.96
23	129 47.11	153 41.86	S11 31.78	111 46.60	N07 42.19	033 16.08	N23 24.31	063 11.66	N20 02.96	161 27.63	S12 49.54	132 29.86	16.21	S06 40.77	11.78	53.96
15 00	144 49.57	168 41.34	S11 30.65	126 47.41	N07 42.90	048 18.68	N23 24.32	078 14.10	N20 02.98	176 27.66	S12 48.68	147 05.07	16.24	S06 28.99	11.80	53.96
01	159 52.03	183 40.83	S11 29.51	141 48.21	N07 43.62	063 21.27	N23 24.33	093 16.53	N20 02.99	191 27.69	S12 47.83	161 40.31	16.26	S06 17.19	11.83	53.96
02	174 54.50	198 40.32	S11 28.38	156 49.01	N07 44.33	078 23.87	N23 24.34	108 18.96	N20 03.01	206 27.71	S12 46.97	176 15.57	16.28	S06 05.36	11.85	53.96
03	189 56.96	213 39.80	S11 27.25	171 49.81	N07 45.04	093 26.46	N23 24.35	123 21.39	N20 03.02	221 27.74	S12 46.11	190 50.85	16.30	S05 53.51	11.87	53.96
04	204 59.43	228 39.29	S11 26.11	186 50.61	N07 45.75	108 29.05	N23 24.36	138 23.82	N20 03.04	236 27.77	S12 45.26	205 26.15	16.32	S05 41.64	11.89	53.96
05	220 01.89	243 38.78	S11 24.98	201 51.42	N07 46.46	123 31.65	N23 24.37	153 26.25	N20 03.06	251 27.80	S12 44.40	220 01.47	16.34	S05 29.75	11.91	53.96
06	235 04.35	258 38.27	S11 23.84	216 52.22	N07 47.17	138 34.24	N23 24.38	168 28.68	N20 03.07	266 27.82	S12 43.54	234 36.81	16.36	S05 17.83	11.93	53.96
07	250 06.82	273 37.76	S11 22.71	231 53.02	N07 47.88	153 36.83	N23 24.39	183 31.11	N20 03.09	281 27.85	S12 42.69	249 12.16	16.38	S05 05.90	11.95	53.97
08	265 09.28	288 37.25	S11 21.57	246 53.82	N07 48.59	168 39.43	N23 24.40	198 33.54	N20 03.10	296 27.88	S12 41.83	263 47.54	16.39	S04 53.95	11.97	53.97
09	280 11.75	303 36.74	S11 20.43	261 54.62	N07 49.30	183 42.02	N23 24.41	213 35.97	N20 03.12	311 27.91	S12 40.97	278 22.93	16.41	S04 41.98	11.99	53.97
10	295 14.21	318 36.23	S11 19.30	276 55.43	N07 50.01	198 44.61	N23 24.42	228 38.40	N20 03.14	326 27.94	S12 40.11	292 58.34	16.42	S04 29.99	12.00	53.97
11	310 16.67	333 35.72	S11 18.16	291 56.23	N07 50.72	213 47.20	N23 24.43	243 40.83	N20 03.15	341 27.97	S12 39.25	307 33.76	16.44	S04 17.99	12.02	53.97
12	325 19.14	348 35.21	S11 17.02	306 57.03	N07 51.43	228 49.79	N23 24.44	258 43.26	N20 03.17	356 28.00	S12 38.39	322 09.20	16.45	S04 05.97	12.04	53.98
13	340 21.60	003 34.71	S11 15.88	321 57.83	N07 52.14	243 52.38	N23 24.45	273 45.69	N20 03.18	011 28.03	S12 37.53	336 44.65	16.46	S03 53.93	12.05	53.98
14	355 24.07	018 34.20	S11 14.74	336 58.63	N07 52.85	258 54.97	N23 24.46	288 48.12	N20 03.20	026 28.06	S12 36.67	351 20.12	16.47	S03 41.88	12.07	53.98
15	010 26.53	033 33.69	S11 13.60	351 59.43	N07 53.56	273 57.56	N23 24.47	303 50.54	N20 03.22	041 28.09	S12 35.81	005 55.59	16.49	S03 29.81	12.08	53.99
16	025 28.99	048 33.19	S11 12.46	007 00.24	N07 54.27	289 00.15	N23 24.48	318 52.97	N20 03.23	056 28.12	S12 34.95	020 31.08	16.50	S03 17.73	12.09	53.99
17	040 31.46	063 32.68	S11 11.32	022 01.04	N07 54.97	304 02.74	N23 24.49	333 55.40	N20 03.25	071 28.16	S12 34.09	035 06.57	16.50	S03 05.64	12.10	53.99
18	055 33.92	078 32.17	S11 10.18	037 01.84	N07 55.68	319 05.33	N23 24.50	348 57.83	N20 03.27	086 28.19	S12 33.23	049 42.08	16.51	S02 53.54	12.12	54.00
19	070 36.39	093 31.67	S11 09.04	052 02.64	N07 56.39	334 07.92	N23 24.51	004 00.26	N20 03.28	101 28.22	S12 32.36	064 17.59	16.52	S02 41.42	12.13	54.00
20	085 38.85	108 31.16	S11 07.89	067 03.44	N07 57.10	349 10.50	N23 24.52	019 02.68	N20 03.30	116 28.25	S12 31.50	078 53.11	16.53	S02 29.29	12.14	54.01
21	100 41.31	123 30.66	S11 06.75	082 04.24	N07 57.81	004 13.09	N23 24.53	034 05.11	N20 03.31	131 28.29	S12 30.64	093 28.64	16.53	S02 17.16	12.15	54.01
22	115 43.78	138 30.16	S11 05.61	097 05.04	N07 58.52	019 15.68	N23 24.54	049 07.54	N20 03.33	146 28.32	S12 29.78	108 04.17	16.54	S02 05.01	12.16	54.02
23	130 46.24	153 29.65	S11 04.46	112 05.84	N07 59.23	034 18.27	N23 24.55	064 09.96	N20 03.35	161 28.35	S12 28.91	122 39.71	16.54	S01 52.85	12.16	54.02
		v -0.51	d 1.13	v 0.80	d 0.71	v 2.59	d 0.01	v 2.43	d 0.02	v 0.03	d 0.86	SD	14.71	14.71		
		HP 0.09		HP 0.08						SD 16.19	HP 0.15					

Saturday February 16, 2002 through Sunday February 17, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
16 00	145 48.71	168 29.15	S11 03.32	127 06.65	N07 59.93	049 20.85	N23 24.56	079 12.39	N20 03.36	176 28.39	S12 28.05	137 15.25	16.54	S01 40.69	12.17	54.03
01	160 51.17	183 28.65	S11 02.17	142 07.45	N08 00.64	064 23.44	N23 24.57	094 14.82	N20 03.38	191 28.42	S12 27.18	151 50.79	16.55	S01 28.52	12.18	54.03
02	175 53.63	198 28.14	S11 01.03	157 08.25	N08 01.35	079 26.02	N23 24.58	109 17.24	N20 03.40	206 28.46	S12 26.32	166 26.34	16.55	S01 16.34	12.19	54.04
03	190 56.10	213 27.64	S10 59.88	172 09.05	N08 02.06	094 28.61	N23 24.59	124 19.67	N20 03.41	221 28.49	S12 25.45	181 01.89	16.55	S01 04.15	12.19	54.04
04	205 58.56	228 27.14	S10 58.73	187 09.85	N08 02.76	109 31.19	N23 24.60	139 22.09	N20 03.43	236 28.53	S12 24.59	195 37.43	16.55	S00 51.96	12.20	54.05
05	221 01.03	243 26.64	S10 57.59	202 10.65	N08 03.47	124 33.78	N23 24.61	154 24.52	N20 03.45	251 28.56	S12 23.72	210 12.98	16.55	S00 39.77	12.20	54.05
06	236 03.49	258 26.14	S10 56.44	217 11.45	N08 04.18	139 36.36	N23 24.62	169 26.95	N20 03.46	266 28.60	S12 22.86	224 48.53	16.54	S00 27.56	12.20	54.06
07	251 05.95	273 25.64	S10 55.29	232 12.25	N08 04.88	154 38.95	N23 24.63	184 29.37	N20 03.48	281 28.63	S12 21.99	239 24.07	16.54	S00 15.36	12.21	54.07
08	266 08.42	288 25.14	S10 54.14	247 13.05	N08 05.59	169 41.53	N23 24.64	199 31.80	N20 03.50	296 28.67	S12 21.12	253 59.61	16.54	S00 03.15	12.21	54.07
09	281 10.88	303 24.64	S10 52.99	262 13.85	N08 06.30	184 44.11	N23 24.65	214 34.22	N20 03.51	311 28.71	S12 20.26	268 35.15	16.53	N00 09.06	12.21	54.08
10	296 13.35	318 24.14	S10 51.84	277 14.65	N08 07.00	199 46.70	N23 24.66	229 36.64	N20 03.53	326 28.74	S12 19.39	283 10.68	16.53	N00 21.27	12.21	54.09
11	311 15.81	333 23.64	S10 50.69	292 15.45	N08 07.71	214 49.28	N23 24.67	244 39.07	N20 03.55	341 28.78	S12 18.52	297 46.20	16.52	N00 33.48	12.21	54.10
12	326 18.27	348 23.15	S10 49.54	307 16.26	N08 08.42	229 51.86	N23 24.68	259 41.49	N20 03.57	356 28.82	S12 17.65	312 21.72	16.51	N00 45.70	12.21	54.11
13	341 20.74	003 22.65	S10 48.39	322 17.06	N08 09.12	244 54.44	N23 24.69	274 43.92	N20 03.58	011 28.86	S12 16.79	326 57.23	16.50	N00 57.91	12.21	54.11
14	356 23.20	018 22.15	S10 47.24	337 17.86	N08 09.83	259 57.02	N23 24.70	289 46.34	N20 03.60	026 28.89	S12 15.92	341 32.73	16.49	N01 10.12	12.21	54.12
15	011 25.67	033 21.65	S10 46.09	352 18.66	N08 10.54	274 59.60	N23 24.71	304 48.76	N20 03.62	041 28.93	S12 15.05	356 08.23	16.48	N01 22.33	12.21	54.13
16	026 28.13	048 21.16	S10 44.94	007 19.46	N08 11.24	290 02.19	N23 24.72	319 51.19	N20 03.63	056 28.97	S12 14.18	010 43.71	16.47	N01 34.54	12.21	54.14
17	041 30.59	063 20.66	S10 43.78	022 20.26	N08 11.95	305 04.77	N23 24.73	334 53.61	N20 03.65	071 29.01	S12 13.31	025 19.18	16.46	N01 46.75	12.20	54.15
18	056 33.06	078 20.17	S10 42.63	037 21.06	N08 12.65	320 07.35	N23 24.73	349 56.03	N20 03.67	086 29.05	S12 12.44	039 54.64	16.44	N01 58.95	12.20	54.16
19	071 35.52	093 19.67	S10 41.47	052 21.86	N08 13.36	335 09.92	N23 24.74	004 58.46	N20 03.68	101 29.09	S12 11.57	054 30.08	16.43	N02 11.15	12.19	54.17
20	086 37.99	108 19.18	S10 40.32	067 22.66	N08 14.06	350 12.50	N23 24.75	020 00.88	N20 03.70	116 29.13	S12 10.70	069 05.51	16.42	N02 23.35	12.19	54.18
21	101 40.45	123 18.68	S10 39.16	082 23.46	N08 14.77	005 15.08	N23 24.76	035 03.30	N20 03.72	131 29.17	S12 09.83	083 40.93	16.40	N02 35.54	12.18	54.19
22	116 42.92	138 18.19	S10 38.01	097 24.26	N08 15.47	020 17.66	N23 24.77	050 05.72	N20 03.74	146 29.21	S12 08.96	098 16.33	16.38	N02 47.72	12.18	54.20
23	131 45.38	153 17.70	S10 36.85	112 25.06	N08 16.18	035 20.24	N23 24.78	065 08.14	N20 03.75	161 29.25	S12 08.09	112 51.71	16.36	N02 59.90	12.17	54.21
17 00	146 47.84	168 17.20	S10 35.70	127 25.86	N08 16.88	050 22.82	N23 24.79	080 10.57	N20 03.77	176 29.30	S12 07.21	127 27.07	16.34	N03 12.07	12.16	54.22
01	161 50.31	183 16.71	S10 34.54	142 26.66	N08 17.59	065 25.39	N23 24.80	095 12.99	N20 03.79	191 29.34	S12 06.34	142 02.42	16.33	N03 24.23	12.15	54.23
02	176 52.77	198 16.22	S10 33.38	157 27.46	N08 18.29	080 27.97	N23 24.81	110 15.41	N20 03.80	206 29.38	S12 05.47	156 37.74	16.30	N03 36.38	12.14	54.24
03	191 55.24	213 15.73	S10 32.22	172 28.26	N08 18.99	095 30.55	N23 24.82	125 17.83	N20 03.82	221 29.42	S12 04.59	171 13.05	16.28	N03 48.53	12.13	54.25
04	206 57.70	228 15.24	S10 31.07	187 29.06	N08 19.70	110 33.12	N23 24.83	140 20.25	N20 03.84	236 29.46	S12 03.72	185 48.33	16.26	N04 00.66	12.12	54.26
05	222 00.16	243 14.74	S10 29.91	202 29.86	N08 20.40	125 35.70	N23 24.84	155 22.67	N20 03.86	251 29.51	S12 02.85	200 23.59	16.24	N04 12.78	12.11	54.28
06	237 02.63	258 14.25	S10 28.75	217 30.66	N08 21.10	140 38.27	N23 24.85	170 25.09	N20 03.87	266 29.55	S12 01.97	214 58.82	16.21	N04 24.90	12.10	54.29
07	252 05.09	273 13.76	S10 27.59	232 31.46	N08 21.81	155 40.85	N23 24.86	185 27.51	N20 03.89	281 29.59	S12 01.10	229 34.04	16.19	N04 37.00	12.09	54.30
08	267 07.56	288 13.28	S10 26.43	247 32.25	N08 22.51	170 43.42	N23 24.87	200 29.93	N20 03.91	296 29.64	S12 00.22	244 09.22	16.16	N04 49.08	12.07	54.31
09	282 10.02	303 12.79	S10 25.27	262 33.05	N08 23.21	185 46.00	N23 24.87	215 32.35	N20 03.93	311 29.68	S11 59.35	258 44.38	16.13	N05 01.16	12.06	54.33
10	297 12.48	318 12.30	S10 24.10	277 33.85	N08 23.92	200 48.57	N23 24.88	230 34.77	N20 03.94	326 29.73	S11 58.47	273 19.51	16.10	N05 13.22	12.05	54.34
11	312 14.95	333 11.81	S10 22.94	292 34.65	N08 24.62	215 51.15	N23 24.89	245 37.19	N20 03.96	341 29.77	S11 57.60	287 54.62	16.07	N05 25.26	12.03	54.35
12	327 17.41	348 11.32	S10 21.78	307 35.45	N08 25.32	230 53.72	N23 24.90	260 39.61	N20 03.98	356 29.82	S11 56.72	302 29.69	16.04	N05 37.29	12.01	54.37
13	342 19.88	003 10.83	S10 20.62	322 36.25	N08 26.03	245 56.29	N23 24.91	275 42.03	N20 04.00	011 29.86	S11 55.85	317 04.73	16.01	N05 49.31	12.00	54.38
14	357 22.34	018 10.35	S10 19.45	337 37.05	N08 26.73	260 58.86	N23 24.92	290 44.45	N20 04.01	026 29.91	S11 54.97	331 39.75	15.98	N06 01.30	11.98	54.39
15	012 24.80	033 09.86	S10 18.29	352 37.85	N08 27.43	276 01.44	N23 24.93	305 46.87	N20 04.03	041 29.95	S11 54.09	346 14.73	15.95	N06 13.28	11.96	54.41
16	027 27.27	048 09.37	S10 17.13	007 38.65	N08 28.13	291 04.01	N23 24.94	320 49.28	N20 04.05	056 30.00	S11 53.22	000 49.68	15.91	N06 25.25	11.94	54.42
17	042 29.73	063 08.89	S10 15.96	022 39.45	N08 28.83	306 06.58	N23 24.95	335 51.70	N20 04.07	071 30.05	S11 52.34	015 24.59	15.88	N06 37.19	11.92	54.44
18	057 32.20	078 08.40	S10 14.80	037 40.25	N08 29.54	321 09.15	N23 24.96	350 54.12	N20 04.09	086 30.09	S11 51.46	029 59.47	15.84	N06 49.11	11.90	54.45
19	072 34.66	093 07.92	S10 13.63	052 41.05	N08 30.24	336 11.72	N23 24.97	005 56.54	N20 04.10	101 30.14	S11 50.58	044 34.31	15.80	N07 01.02	11.88	54.47
20	087 37.12	108 07.43	S10 12.46	067 41.84	N08 30.94	351 14.29	N23 24.97	020 58.95	N20 04.12	116 30.19	S11 49.70	059 09.11	15.77	N07 12.90	11.86	54.49
21	102 39.59	123 06.95	S10 11.30	082 42.64	N08 31.64	006 16.86	N23 24.98	036 01.37	N20 04.14	131 30.24	S11 48.82	073 43.88	15.73	N07 24.76	11.84	54.50
22	117 42.05	138 06.46	S10 10.13	097 43.44	N08 32.34	021 19.43	N23 24.99	051 03.79	N20 04.16	146 30.29	S11 47.94	088 18.61	15.69	N07 36.60	11.82	54.52
23	132 44.52	153 05.98	S10 08.96	112 44.24	N08 33.04	036 22.00	N23 25.00	066 06.21	N20 04.18	161 30.33	S11 47.07	102 53.30	15.65	N07 48.41	11.79	54.53
		v -0.49	d 1.16	v 0.80	d 0.70	v 2.58	d 0.01	v 2.42	d 0.02	v 0.04	d 0.87	SD	14.74	14.81		
		HP 0.09		HP 0.08						SD 16.19	HP 0.15					

Monday February 18, 2002 through Tuesday February 19, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
18 00	147 46.98	168 05.50	S10 07.80	127 45.04	N08 33.74	051 24.57	N23 25.01	081 08.62	N20 04.19	176 30.38	S11 46.19	117 27.94	15.61	N08 00.21	11.77	54.55
01	162 49.44	183 05.02	S10 06.63	142 45.84	N08 34.45	066 27.14	N23 25.02	096 11.04	N20 04.21	191 30.43	S11 45.31	132 02.55	15.56	N08 11.97	11.74	54.57
02	177 51.91	198 04.53	S10 05.46	157 46.64	N08 35.15	081 29.70	N23 25.03	111 13.46	N20 04.23	206 30.48	S11 44.42	146 37.11	15.52	N08 23.72	11.72	54.59
03	192 54.37	213 04.05	S10 04.29	172 47.44	N08 35.85	096 32.27	N23 25.04	126 15.87	N20 04.25	221 30.53	S11 43.54	161 11.63	15.47	N08 35.43	11.69	54.60
04	207 56.84	228 03.57	S10 03.12	187 48.23	N08 36.55	111 34.84	N23 25.05	141 18.29	N20 04.27	236 30.58	S11 42.66	175 46.10	15.43	N08 47.12	11.66	54.62
05	222 59.30	243 03.09	S10 01.95	202 49.03	N08 37.25	126 37.40	N23 25.05	156 20.70	N20 04.28	251 30.63	S11 41.78	190 20.53	15.38	N08 58.78	11.63	54.64
06	238 01.76	258 02.61	S10 00.78	217 49.83	N08 37.95	141 39.97	N23 25.06	171 23.12	N20 04.30	266 30.68	S11 40.90	204 54.91	15.33	N09 10.42	11.60	54.66
07	253 04.23	273 02.13	S09 59.61	232 50.63	N08 38.65	156 42.54	N23 25.07	186 25.53	N20 04.32	281 30.73	S11 40.02	219 29.25	15.29	N09 22.02	11.58	54.68
08	268 06.69	288 01.65	S09 58.43	247 51.43	N08 39.35	171 45.10	N23 25.08	201 27.95	N20 04.34	296 30.79	S11 39.13	234 03.53	15.24	N09 33.60	11.54	54.70
09	283 09.16	303 01.17	S09 57.26	262 52.23	N08 40.05	186 47.67	N23 25.09	216 30.36	N20 04.36	311 30.84	S11 38.25	248 37.77	15.19	N09 45.14	11.51	54.72
10	298 11.62	318 00.69	S09 56.09	277 53.02	N08 40.75	201 50.23	N23 25.10	231 32.78	N20 04.37	326 30.89	S11 37.37	263 11.95	15.13	N09 56.66	11.48	54.73
11	313 14.09	333 00.21	S09 54.92	292 53.82	N08 41.45	216 52.80	N23 25.11	246 35.19	N20 04.39	341 30.94	S11 36.49	277 46.09	15.08	N10 08.14	11.45	54.75
12	328 16.55	347 59.73	S09 53.74	307 54.62	N08 42.14	231 55.36	N23 25.12	261 37.61	N20 04.41	356 30.99	S11 35.60	292 20.17	15.03	N10 19.59	11.41	54.77
13	343 19.01	002 59.26	S09 52.57	322 55.42	N08 42.84	246 57.93	N23 25.12	276 40.02	N20 04.43	011 31.05	S11 34.72	306 54.20	14.97	N10 31.00	11.38	54.80
14	358 21.48	017 58.78	S09 51.40	337 56.22	N08 43.54	262 00.49	N23 25.13	291 42.43	N20 04.45	026 31.10	S11 33.83	321 28.17	14.92	N10 42.38	11.35	54.82
15	013 23.94	032 58.30	S09 50.22	352 57.01	N08 44.24	277 03.05	N23 25.14	306 44.85	N20 04.47	041 31.15	S11 32.95	336 02.09	14.86	N10 53.73	11.31	54.84
16	028 26.41	047 57.83	S09 49.05	007 57.81	N08 44.94	292 05.61	N23 25.15	321 47.26	N20 04.48	056 31.21	S11 32.06	350 35.95	14.81	N11 05.04	11.27	54.86
17	043 28.87	062 57.35	S09 47.87	022 58.61	N08 45.64	307 08.18	N23 25.16	336 49.67	N20 04.50	071 31.26	S11 31.18	005 09.76	14.75	N11 16.31	11.23	54.88
18	058 31.33	077 56.87	S09 46.69	037 59.41	N08 46.34	322 10.74	N23 25.17	351 52.09	N20 04.52	086 31.32	S11 30.29	019 43.51	14.69	N11 27.54	11.20	54.90
19	073 33.80	092 56.40	S09 45.52	053 00.20	N08 47.03	337 13.30	N23 25.18	006 54.50	N20 04.54	101 31.37	S11 29.41	034 17.20	14.63	N11 38.74	11.16	54.92
20	088 36.26	107 55.92	S09 44.34	068 01.00	N08 47.73	352 15.86	N23 25.19	021 56.91	N20 04.56	116 31.43	S11 28.52	048 50.82	14.57	N11 49.90	11.12	54.94
21	103 38.73	122 55.45	S09 43.16	083 01.80	N08 48.43	007 18.42	N23 25.19	036 59.33	N20 04.58	131 31.48	S11 27.63	063 24.39	14.51	N12 01.01	11.08	54.97
22	118 41.19	137 54.97	S09 41.98	098 02.60	N08 49.13	022 20.98	N23 25.20	052 01.74	N20 04.60	146 31.54	S11 26.75	077 57.90	14.44	N12 12.09	11.03	54.99
23	133 43.65	152 54.50	S09 40.81	113 03.39	N08 49.83	037 23.54	N23 25.21	067 04.15	N20 04.61	161 31.59	S11 25.86	092 31.34	14.38	N12 23.12	10.99	55.01
19 00	148 46.12	167 54.03	S09 39.63	128 04.19	N08 50.52	052 26.10	N23 25.22	082 06.56	N20 04.63	176 31.65	S11 24.97	107 04.72	14.31	N12 34.12	10.95	55.04
01	163 48.58	182 53.55	S09 38.45	143 04.99	N08 51.22	067 28.66	N23 25.23	097 08.97	N20 04.65	191 31.70	S11 24.08	121 38.03	14.25	N12 45.06	10.90	55.06
02	178 51.05	197 53.08	S09 37.27	158 05.79	N08 51.92	082 31.22	N23 25.24	112 11.38	N20 04.67	206 31.76	S11 23.20	136 11.28	14.18	N12 55.97	10.86	55.08
03	193 53.51	212 52.61	S09 36.09	173 06.58	N08 52.61	097 33.78	N23 25.24	127 13.80	N20 04.69	221 31.82	S11 22.31	150 44.47	14.12	N13 06.83	10.81	55.11
04	208 55.97	227 52.14	S09 34.91	188 07.38	N08 53.31	112 36.34	N23 25.25	142 16.21	N20 04.71	236 31.88	S11 21.42	165 17.58	14.05	N13 17.64	10.77	55.13
05	223 58.44	242 51.67	S09 33.73	203 08.18	N08 54.01	127 38.90	N23 25.26	157 18.62	N20 04.73	251 31.93	S11 20.53	179 50.63	13.98	N13 28.40	10.72	55.16
06	239 00.90	257 51.19	S09 32.55	218 08.97	N08 54.70	142 41.45	N23 25.27	172 21.03	N20 04.75	266 31.99	S11 19.64	194 23.61	13.91	N13 39.12	10.67	55.18
07	254 03.37	272 50.72	S09 31.36	233 09.77	N08 55.40	157 44.01	N23 25.28	187 23.44	N20 04.76	281 32.05	S11 18.75	208 56.52	13.84	N13 49.79	10.62	55.21
08	269 05.83	287 50.25	S09 30.18	248 10.57	N08 56.10	172 46.57	N23 25.29	202 25.85	N20 04.78	296 32.11	S11 17.86	223 29.35	13.77	N14 00.41	10.57	55.23
09	284 08.30	302 49.78	S09 29.00	263 11.37	N08 56.79	187 49.12	N23 25.29	217 28.26	N20 04.80	311 32.17	S11 16.97	238 02.12	13.69	N14 10.97	10.52	55.26
10	299 10.76	317 49.31	S09 27.82	278 12.16	N08 57.49	202 51.68	N23 25.30	232 30.67	N20 04.82	326 32.23	S11 16.08	252 34.81	13.62	N14 21.49	10.46	55.28
11	314 13.22	332 48.85	S09 26.63	293 12.96	N08 58.18	217 54.23	N23 25.31	247 33.08	N20 04.84	341 32.29	S11 15.19	267 07.43	13.55	N14 31.95	10.41	55.31
12	329 15.69	347 48.38	S09 25.45	308 13.76	N08 58.88	232 56.79	N23 25.32	262 35.49	N20 04.86	356 32.35	S11 14.30	281 39.98	13.47	N14 42.36	10.36	55.34
13	344 18.15	002 47.91	S09 24.26	323 14.55	N08 59.57	247 59.35	N23 25.33	277 37.90	N20 04.88	011 32.41	S11 13.41	296 12.45	13.39	N14 52.72	10.30	55.36
14	359 20.62	017 47.44	S09 23.08	338 15.35	N09 00.27	263 01.90	N23 25.34	292 40.30	N20 04.90	026 32.47	S11 12.52	310 44.85	13.32	N15 03.02	10.24	55.39
15	014 23.08	032 46.97	S09 21.89	353 16.15	N09 00.96	278 04.45	N23 25.34	307 42.71	N20 04.92	041 32.53	S11 11.62	325 17.16	13.24	N15 13.27	10.19	55.42
16	029 25.54	047 46.51	S09 20.71	008 16.94	N09 01.66	293 07.01	N23 25.35	322 45.12	N20 04.94	056 32.59	S11 10.73	339 49.40	13.16	N15 23.45	10.13	55.44
17	044 28.01	062 46.04	S09 19.52	023 17.74	N09 02.35	308 09.56	N23 25.36	337 47.53	N20 04.96	071 32.65	S11 09.84	354 21.57	13.08	N15 33.58	10.07	55.47
18	059 30.47	077 45.57	S09 18.33	038 18.53	N09 03.05	323 12.11	N23 25.37	352 49.94	N20 04.97	086 32.71	S11 08.95	008 53.65	13.00	N15 43.65	10.01	55.50
19	074 32.94	092 45.11	S09 17.15	053 19.33	N09 03.74	338 14.67	N23 25.38	007 52.35	N20 04.99	101 32.77	S11 08.05	023 25.65	12.92	N15 53.66	09.95	55.53
20	089 35.40	107 44.64	S09 15.96	068 20.13	N09 04.44	353 17.22	N23 25.39	022 54.75	N20 05.01	116 32.83	S11 07.16	037 57.57	12.84	N16 03.61	09.89	55.56
21	104 37.86	122 44.17	S09 14.77	083 20.92	N09 05.13	008 19.77	N23 25.39	037 57.16	N20 05.03	131 32.90	S11 06.26	052 29.41	12.76	N16 13.49	09.82	55.59
22	119 40.33	137 43.71	S09 13.58	098 21.72	N09 05.82	023 22.32	N23 25.40	052 59.57	N20 05.05	146 32.96	S11 05.37	067 01.17	12.68	N16 23.31	09.76	55.62
23	134 42.79	152 43.25	S09 12.39	113 22.52	N09 06.52	038 24.87	N23 25.41	068 01.97	N20 05.07	161 33.02	S11 04.48	081 32.85	12.59	N16 33.07	09.69	55.64
		v -0.47	d 1.18	v 0.80	d 0.70	v 2.56	d 0.01	v 2.41	d 0.02	v 0.06	d 0.89	SD	14.92	15.07		
		HP 0.09		HP 0.08						SD 16.18	HP 0.15					

Wednesday February 20, 2002 through Thursday February 21, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
20 00	149 45.26	167 42.78	S09 11.21	128 23.31	N09 07.21	053 27.42	N23 25.42	083 04.38	N20 05.09	176 33.09	S11 03.58	096 04.44	12.51	N16 42.76	09.63	55.67
01	164 47.72	182 42.32	S09 10.02	143 24.11	N09 07.90	068 29.97	N23 25.43	098 06.79	N20 05.11	191 33.15	S11 02.69	110 35.95	12.42	N16 52.39	09.56	55.70
02	179 50.18	197 41.85	S09 08.83	158 24.90	N09 08.60	083 32.52	N23 25.43	113 09.19	N20 05.13	206 33.21	S11 01.79	125 07.37	12.34	N17 01.95	09.49	55.73
03	194 52.65	212 41.39	S09 07.64	173 25.70	N09 09.29	098 35.07	N23 25.44	128 11.60	N20 05.15	221 33.28	S11 00.89	139 38.70	12.25	N17 11.44	09.42	55.76
04	209 55.11	227 40.93	S09 06.44	188 26.50	N09 09.98	113 37.62	N23 25.45	143 14.01	N20 05.17	236 33.34	S10 60.00	154 09.95	12.16	N17 20.86	09.35	55.80
05	224 57.58	242 40.47	S09 05.25	203 27.29	N09 10.68	128 40.17	N23 25.46	158 16.41	N20 05.19	251 33.41	S10 59.10	168 41.12	12.07	N17 30.21	09.28	55.83
06	240 00.04	257 40.00	S09 04.06	218 28.09	N09 11.37	143 42.72	N23 25.47	173 18.82	N20 05.21	266 33.47	S10 58.21	183 12.19	11.99	N17 39.49	09.20	55.86
07	255 02.51	272 39.54	S09 02.87	233 28.88	N09 12.06	158 45.27	N23 25.47	188 21.22	N20 05.23	281 33.54	S10 57.31	197 43.18	11.90	N17 48.69	09.13	55.89
08	270 04.97	287 39.08	S09 01.68	248 29.68	N09 12.75	173 47.82	N23 25.48	203 23.63	N20 05.25	296 33.60	S10 56.41	212 14.07	11.81	N17 57.82	09.06	55.92
09	285 07.43	302 38.62	S09 00.48	263 30.47	N09 13.45	188 50.36	N23 25.49	218 26.03	N20 05.27	311 33.67	S10 55.51	226 44.88	11.72	N18 06.88	08.98	55.95
10	300 09.90	317 38.16	S08 59.29	278 31.27	N09 14.14	203 52.91	N23 25.50	233 28.44	N20 05.29	326 33.74	S10 54.62	241 15.60	11.63	N18 15.86	08.90	55.98
11	315 12.36	332 37.70	S08 58.10	293 32.06	N09 14.83	218 55.46	N23 25.51	248 30.84	N20 05.31	341 33.80	S10 53.72	255 46.22	11.53	N18 24.76	08.82	56.02
12	330 14.83	347 37.24	S08 56.90	308 32.86	N09 15.52	233 58.00	N23 25.51	263 33.25	N20 05.33	356 33.87	S10 52.82	270 16.76	11.44	N18 33.58	08.74	56.05
13	345 17.29	002 36.78	S08 55.71	323 33.66	N09 16.21	249 00.55	N23 25.52	278 35.65	N20 05.35	011 33.94	S10 51.92	284 47.20	11.35	N18 42.33	08.66	56.08
14	000 19.75	017 36.32	S08 54.51	338 34.45	N09 16.91	264 03.09	N23 25.53	293 38.06	N20 05.36	026 34.00	S10 51.02	299 17.55	11.26	N18 50.99	08.58	56.11
15	015 22.22	032 35.86	S08 53.32	353 35.25	N09 17.60	279 05.64	N23 25.54	308 40.46	N20 05.38	041 34.07	S10 50.12	313 47.81	11.16	N18 59.57	08.50	56.15
16	030 24.68	047 35.41	S08 52.12	008 36.04	N09 18.29	294 08.18	N23 25.54	323 42.86	N20 05.40	056 34.14	S10 49.22	328 17.97	11.07	N19 08.07	08.41	56.18
17	045 27.15	062 34.95	S08 50.93	023 36.84	N09 18.98	309 10.73	N23 25.55	338 45.27	N20 05.42	071 34.21	S10 48.32	342 48.04	10.98	N19 16.49	08.33	56.21
18	060 29.61	077 34.49	S08 49.73	038 37.63	N09 19.67	324 13.27	N23 25.56	353 47.67	N20 05.44	086 34.28	S10 47.42	357 18.01	10.88	N19 24.82	08.24	56.25
19	075 32.07	092 34.03	S08 48.53	053 38.43	N09 20.36	339 15.82	N23 25.57	008 50.07	N20 05.46	101 34.35	S10 46.52	011 47.89	10.79	N19 33.06	08.16	56.28
20	090 34.54	107 33.58	S08 47.34	068 39.22	N09 21.05	354 18.36	N23 25.58	023 52.48	N20 05.48	116 34.42	S10 45.62	026 17.68	10.69	N19 41.22	08.07	56.32
21	105 37.00	122 33.12	S08 46.14	083 40.02	N09 21.74	009 20.90	N23 25.58	038 54.88	N20 05.50	131 34.48	S10 44.72	040 47.37	10.59	N19 49.28	07.98	56.35
22	120 39.47	137 32.66	S08 44.94	098 40.81	N09 22.43	024 23.44	N23 25.59	053 57.28	N20 05.52	146 34.55	S10 43.82	055 16.96	10.50	N19 57.26	07.89	56.39
23	135 41.93	152 32.21	S08 43.74	113 41.61	N09 23.12	039 25.99	N23 25.60	068 59.68	N20 05.54	161 34.62	S10 42.92	069 46.46	10.40	N20 05.14	07.79	56.42
21 00	150 44.40	167 31.75	S08 42.54	128 42.40	N09 23.81	054 28.53	N23 25.61	084 02.09	N20 05.56	176 34.70	S10 42.02	084 15.86	10.30	N20 12.94	07.70	56.46
01	165 46.86	182 31.30	S08 41.34	143 43.19	N09 24.50	069 31.07	N23 25.61	099 04.49	N20 05.58	191 34.77	S10 41.12	098 45.16	10.21	N20 20.63	07.60	56.49
02	180 49.32	197 30.84	S08 40.14	158 43.99	N09 25.19	084 33.61	N23 25.62	114 06.89	N20 05.60	206 34.84	S10 40.21	113 14.37	10.11	N20 28.24	07.51	56.53
03	195 51.79	212 30.39	S08 38.94	173 44.78	N09 25.88	099 36.15	N23 25.63	129 09.29	N20 05.62	221 34.91	S10 39.31	127 43.48	10.01	N20 35.75	07.41	56.56
04	210 54.25	227 29.93	S08 37.74	188 45.58	N09 26.57	114 38.69	N23 25.64	144 11.69	N20 05.65	236 34.98	S10 38.41	142 12.49	09.91	N20 43.16	07.31	56.60
05	225 56.72	242 29.48	S08 36.54	203 46.37	N09 27.26	129 41.23	N23 25.64	159 14.09	N20 05.67	251 35.05	S10 37.51	156 41.41	09.82	N20 50.47	07.21	56.64
06	240 59.18	257 29.03	S08 35.34	218 47.17	N09 27.95	144 43.77	N23 25.65	174 16.49	N20 05.69	266 35.12	S10 36.60	171 10.22	09.72	N20 57.68	07.11	56.67
07	256 01.64	272 28.58	S08 34.14	233 47.96	N09 28.63	159 46.31	N23 25.66	189 18.89	N20 05.71	281 35.20	S10 35.70	185 38.94	09.62	N21 04.79	07.01	56.71
08	271 04.11	287 28.12	S08 32.94	248 48.76	N09 29.32	174 48.85	N23 25.67	204 21.29	N20 05.73	296 35.27	S10 34.79	200 07.56	09.52	N21 11.80	06.91	56.75
09	286 06.57	302 27.67	S08 31.73	263 49.55	N09 30.01	189 51.39	N23 25.67	219 23.69	N20 05.75	311 35.34	S10 33.89	214 36.09	09.42	N21 18.71	06.80	56.78
10	301 09.04	317 27.22	S08 30.53	278 50.34	N09 30.70	204 53.93	N23 25.68	234 26.09	N20 05.77	326 35.41	S10 32.98	229 04.51	09.33	N21 25.51	06.69	56.82
11	316 11.50	332 26.77	S08 29.33	293 51.14	N09 31.39	219 56.46	N23 25.69	249 28.49	N20 05.79	341 35.49	S10 32.08	243 32.84	09.23	N21 32.20	06.59	56.86
12	331 13.97	347 26.32	S08 28.13	308 51.93	N09 32.07	234 59.00	N23 25.70	264 30.89	N20 05.81	356 35.56	S10 31.17	258 01.06	09.13	N21 38.79	06.48	56.89
13	346 16.43	002 25.87	S08 26.92	323 52.73	N09 32.76	250 01.54	N23 25.70	279 33.29	N20 05.83	011 35.64	S10 30.27	272 29.19	09.03	N21 45.27	06.37	56.93
14	001 18.89	017 25.42	S08 25.72	338 53.52	N09 33.45	265 04.07	N23 25.71	294 35.69	N20 05.85	026 35.71	S10 29.36	286 57.23	08.93	N21 51.64	06.26	56.97
15	016 21.36	032 24.97	S08 24.51	353 54.31	N09 34.14	280 06.61	N23 25.72	309 38.09	N20 05.87	041 35.79	S10 28.46	301 25.16	08.84	N21 57.90	06.15	57.01
16	031 23.82	047 24.52	S08 23.31	008 55.11	N09 34.82	295 09.15	N23 25.73	324 40.49	N20 05.89	056 35.86	S10 27.55	315 53.00	08.74	N22 04.05	06.03	57.05
17	046 26.29	062 24.07	S08 22.10	023 55.90	N09 35.51	310 11.68	N23 25.73	339 42.89	N20 05.91	071 35.94	S10 26.64	330 20.73	08.64	N22 10.08	05.92	57.08
18	061 28.75	077 23.62	S08 20.90	038 56.69	N09 36.20	325 14.22	N23 25.74	354 45.29	N20 05.93	086 36.01	S10 25.74	344 48.38	08.54	N22 16.00	05.80	57.12
19	076 31.21	092 23.17	S08 19.69	053 57.49	N09 36.88	340 16.75	N23 25.75	009 47.68	N20 05.95	101 36.09	S10 24.83	359 15.92	08.45	N22 21.80	05.68	57.16
20	091 33.68	107 22.72	S08 18.48	068 58.28	N09 37.57	355 19.28	N23 25.76	024 50.08	N20 05.97	116 36.16	S10 23.92	013 43.37	08.35	N22 27.48	05.57	57.20
21	106 36.14	122 22.27	S08 17.28	083 59.08	N09 38.26	010 21.82	N23 25.76	039 52.48	N20 05.99	131 36.24	S10 23.02	028 10.72	08.25	N22 33.05	05.45	57.24
22	121 38.61	137 21.83	S08 16.07	098 59.87	N09 38.94	025 24.35	N23 25.77	054 54.88	N20 06.01	146 36.32	S10 22.11	042 37.97	08.16	N22 38.49	05.33	57.28
23	136 41.07	152 21.38	S08 14.86	114 00.66	N09 39.63	040 26.88	N23 25.78	069 57.28	N20 06.03	161 36.39	S10 21.20	057 05.13	08.06	N22 43.82	05.20	57.32
		v -0.45	d 1.20	v 0.79	d 0.69	v 2.54	d 0.01	v 2.40	d 0.02	v 0.07	d 0.90	SD	15.27	15.50		
		HP 0.09		HP 0.08						SD 16.17	HP 0.15					

Friday February 22, 2002 through Saturday February 23, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
22 00	151 43.54	167 20.93	S08 13.65	129 01.46	N09 40.32	055 29.42	N23 25.79	084 59.67	N20 06.06	176 36.47	S10 20.29	071 32.19	07.97	N22 49.02	05.08	57.36
01	166 46.00	182 20.49	S08 12.44	144 02.25	N09 41.00	070 31.95	N23 25.79	100 02.07	N20 06.08	191 36.55	S10 19.38	085 59.16	07.87	N22 54.10	04.95	57.40
02	181 48.46	197 20.04	S08 11.23	159 03.04	N09 41.69	085 34.48	N23 25.80	115 04.47	N20 06.10	206 36.63	S10 18.47	100 26.04	07.78	N22 59.06	04.83	57.44
03	196 50.93	212 19.59	S08 10.03	174 03.83	N09 42.37	100 37.01	N23 25.81	130 06.86	N20 06.12	221 36.70	S10 17.56	114 52.82	07.69	N23 03.89	04.70	57.48
04	211 53.39	227 19.15	S08 08.82	189 04.63	N09 43.06	115 39.54	N23 25.81	145 09.26	N20 06.14	236 36.78	S10 16.65	129 19.50	07.59	N23 08.59	04.57	57.52
05	226 55.86	242 18.70	S08 07.61	204 05.42	N09 43.74	130 42.08	N23 25.82	160 11.65	N20 06.16	251 36.86	S10 15.74	143 46.10	07.50	N23 13.16	04.44	57.56
06	241 58.32	257 18.26	S08 06.40	219 06.21	N09 44.43	145 44.61	N23 25.83	175 14.05	N20 06.18	266 36.94	S10 14.83	158 12.60	07.41	N23 17.61	04.31	57.60
07	257 00.78	272 17.81	S08 05.18	234 07.01	N09 45.11	160 47.14	N23 25.84	190 16.45	N20 06.20	281 37.02	S10 13.92	172 39.01	07.32	N23 21.92	04.18	57.64
08	272 03.25	287 17.37	S08 03.97	249 07.80	N09 45.80	175 49.67	N23 25.84	205 18.84	N20 06.22	296 37.10	S10 13.01	187 05.33	07.23	N23 26.10	04.05	57.68
09	287 05.71	302 16.93	S08 02.76	264 08.59	N09 46.48	190 52.19	N23 25.85	220 21.24	N20 06.24	311 37.18	S10 12.10	201 31.55	07.14	N23 30.15	03.91	57.72
10	302 08.18	317 16.48	S08 01.55	279 09.39	N09 47.16	205 54.72	N23 25.86	235 23.63	N20 06.26	326 37.26	S10 11.19	215 57.69	07.05	N23 34.06	03.78	57.76
11	317 10.64	332 16.04	S08 00.34	294 10.18	N09 47.85	220 57.25	N23 25.86	250 26.03	N20 06.29	341 37.34	S10 10.28	230 23.74	06.96	N23 37.84	03.64	57.80
12	332 13.11	347 15.60	S07 59.13	309 10.97	N09 48.53	235 59.78	N23 25.87	265 28.42	N20 06.31	356 37.42	S10 09.37	244 49.71	06.88	N23 41.48	03.50	57.84
13	347 15.57	002 15.16	S07 57.91	324 11.76	N09 49.22	251 02.31	N23 25.88	280 30.82	N20 06.33	011 37.50	S10 08.46	259 15.58	06.79	N23 44.98	03.36	57.88
14	002 18.03	017 14.71	S07 56.70	339 12.56	N09 49.90	266 04.84	N23 25.89	295 33.21	N20 06.35	026 37.58	S10 07.54	273 41.38	06.71	N23 48.35	03.22	57.92
15	017 20.50	032 14.27	S07 55.49	354 13.35	N09 50.58	281 07.36	N23 25.89	310 35.61	N20 06.37	041 37.66	S10 06.63	288 07.08	06.62	N23 51.57	03.08	57.96
16	032 22.96	047 13.83	S07 54.27	009 14.14	N09 51.27	296 09.89	N23 25.90	325 38.00	N20 06.39	056 37.74	S10 05.72	302 32.70	06.54	N23 54.65	02.94	58.00
17	047 25.43	062 13.39	S07 53.06	024 14.93	N09 51.95	311 12.42	N23 25.91	340 40.39	N20 06.41	071 37.83	S10 04.81	316 58.24	06.46	N23 57.59	02.80	58.04
18	062 27.89	077 12.95	S07 51.84	039 15.72	N09 52.63	326 14.94	N23 25.91	355 42.79	N20 06.43	086 37.91	S10 03.89	331 23.70	06.38	N24 00.39	02.65	58.08
19	077 30.35	092 12.51	S07 50.63	054 16.52	N09 53.31	341 17.47	N23 25.92	010 45.18	N20 06.46	101 37.99	S10 02.98	345 49.07	06.30	N24 03.04	02.51	58.12
20	092 32.82	107 12.07	S07 49.41	069 17.31	N09 54.00	356 19.99	N23 25.93	025 47.57	N20 06.48	116 38.07	S10 02.07	000 14.37	06.22	N24 05.55	02.36	58.16
21	107 35.28	122 11.63	S07 48.20	084 18.10	N09 54.68	011 22.52	N23 25.93	040 49.97	N20 06.50	131 38.16	S10 01.15	014 39.59	06.14	N24 07.91	02.21	58.21
22	122 37.75	137 11.19	S07 46.98	099 18.89	N09 55.36	026 25.04	N23 25.94	055 52.36	N20 06.52	146 38.24	S10 00.24	029 04.73	06.06	N24 10.12	02.06	58.25
23	137 40.21	152 10.75	S07 45.76	114 19.69	N09 56.04	041 27.57	N23 25.95	070 54.75	N20 06.54	161 38.32	S09 59.32	043 29.79	05.99	N24 12.18	01.91	58.29
23 00	152 42.68	167 10.31	S07 44.55	129 20.48	N09 56.72	056 30.09	N23 25.95	085 57.14	N20 06.56	176 38.41	S09 58.41	057 54.78	05.92	N24 14.10	01.76	58.33
01	167 45.14	182 09.87	S07 43.33	144 21.27	N09 57.41	071 32.61	N23 25.96	100 59.54	N20 06.58	191 38.49	S09 57.49	072 19.70	05.84	N24 15.86	01.61	58.37
02	182 47.60	197 09.44	S07 42.11	159 22.06	N09 58.09	086 35.14	N23 25.97	116 01.93	N20 06.61	206 38.58	S09 56.58	086 44.54	05.77	N24 17.47	01.46	58.41
03	197 50.07	212 09.00	S07 40.89	174 22.85	N09 58.77	101 37.66	N23 25.98	131 04.32	N20 06.63	221 38.66	S09 55.66	101 09.32	05.70	N24 18.93	01.31	58.45
04	212 52.53	227 08.56	S07 39.68	189 23.64	N09 59.45	116 40.18	N23 25.98	146 06.71	N20 06.65	236 38.75	S09 54.74	115 34.02	05.64	N24 20.23	01.15	58.49
05	227 55.00	242 08.12	S07 38.46	204 24.44	N10 00.13	131 42.70	N23 25.99	161 09.10	N20 06.67	251 38.83	S09 53.83	129 58.66	05.57	N24 21.38	01.00	58.53
06	242 57.46	257 07.69	S07 37.24	219 25.23	N10 00.81	146 45.22	N23 26.00	176 11.49	N20 06.69	266 38.92	S09 52.91	144 23.22	05.50	N24 22.38	00.84	58.57
07	257 59.92	272 07.25	S07 36.02	234 26.02	N10 01.49	161 47.74	N23 26.00	191 13.88	N20 06.71	281 39.00	S09 52.00	158 47.73	05.44	N24 23.22	00.68	58.62
08	273 02.39	287 06.81	S07 34.80	249 26.81	N10 02.17	176 50.27	N23 26.01	206 16.27	N20 06.74	296 39.09	S09 51.08	173 12.17	05.38	N24 23.90	00.52	58.66
09	288 04.85	302 06.38	S07 33.58	264 27.60	N10 02.85	191 52.79	N23 26.02	221 18.66	N20 06.76	311 39.18	S09 50.16	187 36.55	05.32	N24 24.42	00.37	58.70
10	303 07.32	317 05.94	S07 32.36	279 28.39	N10 03.53	206 55.31	N23 26.02	236 21.06	N20 06.78	326 39.26	S09 49.24	202 00.87	05.26	N24 24.79	00.21	58.74
11	318 09.78	332 05.51	S07 31.14	294 29.18	N10 04.21	221 57.82	N23 26.03	251 23.45	N20 06.80	341 39.35	S09 48.33	216 25.12	05.20	N24 25.00	00.05	58.78
12	333 12.25	347 05.07	S07 29.92	309 29.97	N10 04.89	237 00.34	N23 26.04	266 25.84	N20 06.82	356 39.44	S09 47.41	230 49.33	05.15	N24 25.04	00.11	58.82
13	348 14.71	002 04.64	S07 28.70	324 30.77	N10 05.57	252 02.86	N23 26.04	281 28.22	N20 06.84	011 39.52	S09 46.49	245 13.47	05.09	N24 24.93	00.28	58.86
14	003 17.17	017 04.21	S07 27.47	339 31.56	N10 06.25	267 05.38	N23 26.05	296 30.61	N20 06.87	026 39.61	S09 45.57	259 37.56	05.04	N24 24.65	00.44	58.90
15	018 19.64	032 03.77	S07 26.25	354 32.35	N10 06.93	282 07.90	N23 26.06	311 33.00	N20 06.89	041 39.70	S09 44.65	274 01.60	04.99	N24 24.21	00.60	58.94
16	033 22.10	047 03.34	S07 25.03	009 33.14	N10 07.61	297 10.42	N23 26.06	326 35.39	N20 06.91	056 39.79	S09 43.73	288 25.59	04.94	N24 23.61	00.76	58.98
17	048 24.57	062 02.91	S07 23.81	024 33.93	N10 08.29	312 12.93	N23 26.07	341 37.78	N20 06.93	071 39.88	S09 42.81	302 49.54	04.89	N24 22.85	00.93	59.02
18	063 27.03	077 02.47	S07 22.58	039 34.72	N10 08.97	327 15.45	N23 26.08	356 40.17	N20 06.95	086 39.97	S09 41.90	317 13.43	04.85	N24 21.92	01.09	59.06
19	078 29.50	092 02.04	S07 21.36	054 35.51	N10 09.65	342 17.97	N23 26.08	011 42.56	N20 06.98	101 40.05	S09 40.98	331 37.28	04.80	N24 20.82	01.26	59.10
20	093 31.96	107 01.61	S07 20.14	069 36.30	N10 10.33	357 20.48	N23 26.09	026 44.95	N20 07.00	116 40.14	S09 40.06	346 01.08	04.76	N24 19.57	01.42	59.14
21	108 34.42	122 01.18	S07 18.91	084 37.09	N10 11.00	012 23.00	N23 26.10	041 47.34	N20 07.02	131 40.23	S09 39.14	000 24.85	04.72	N24 18.14	01.59	59.18
22	123 36.89	137 00.74	S07 17.69	099 37.88	N10 11.68	027 25.52	N23 26.10	056 49.72	N20 07.04	146 40.32	S09 38.21	014 48.57	04.69	N24 16.55	01.76	59.22
23	138 39.35	152 00.31	S07 16.46	114 38.67	N10 12.36	042 28.03	N23 26.11	071 52.11	N20 07.06	161 40.41	S09 37.29	029 12.25	04.65	N24 14.80	01.92	59.26
		v -0.44	d 1.22	v 0.79	d 0.68	v 2.52	d 0.01	v 2.39	d 0.02	v 0.08	d 0.92	SD	15.75	16.02		
		HP 0.09		HP 0.08						SD 16.17	HP 0.15					

Sunday February 24, 2002 through Monday February 25, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
24 00	153 41.82	166 59.88	S07 15.24	129 39.46	N10 13.04	057 30.54	N23 26.11	086 54.50	N20 07.09	176 40.50	S09 36.37	043 35.90	04.61	N24 12.87	02.09	59.30
01	168 44.28	181 59.45	S07 14.01	144 40.25	N10 13.71	072 33.06	N23 26.12	101 56.89	N20 07.11	191 40.59	S09 35.45	057 59.52	04.58	N24 10.78	02.26	59.34
02	183 46.74	196 59.02	S07 12.79	159 41.04	N10 14.39	087 35.57	N23 26.13	116 59.27	N20 07.13	206 40.69	S09 34.53	072 23.10	04.55	N24 08.52	02.43	59.38
03	198 49.21	211 58.59	S07 11.56	174 41.83	N10 15.07	102 38.09	N23 26.13	132 01.66	N20 07.15	221 40.78	S09 33.61	086 46.65	04.52	N24 06.10	02.59	59.42
04	213 51.67	226 58.16	S07 10.34	189 42.62	N10 15.75	117 40.60	N23 26.14	147 04.05	N20 07.18	236 40.87	S09 32.69	101 10.18	04.50	N24 03.50	02.76	59.46
05	228 54.14	241 57.73	S07 09.11	204 43.42	N10 16.42	132 43.11	N23 26.15	162 06.43	N20 07.20	251 40.96	S09 31.76	115 33.67	04.47	N24 00.74	02.93	59.50
06	243 56.60	256 57.30	S07 07.88	219 44.21	N10 17.10	147 45.62	N23 26.15	177 08.82	N20 07.22	266 41.05	S09 30.84	129 57.14	04.45	N23 57.81	03.10	59.54
07	258 59.07	271 56.87	S07 06.65	234 45.00	N10 17.78	162 48.14	N23 26.16	192 11.21	N20 07.24	281 41.14	S09 29.92	144 20.59	04.43	N23 54.71	03.27	59.57
08	274 01.53	286 56.45	S07 05.43	249 45.79	N10 18.45	177 50.65	N23 26.17	207 13.59	N20 07.27	296 41.24	S09 29.00	158 44.02	04.41	N23 51.44	03.44	59.61
09	289 03.99	301 56.02	S07 04.20	264 46.57	N10 19.13	192 53.16	N23 26.17	222 15.98	N20 07.29	311 41.33	S09 28.07	173 07.43	04.39	N23 48.00	03.61	59.65
10	304 06.46	316 55.59	S07 02.97	279 47.36	N10 19.80	207 55.67	N23 26.18	237 18.36	N20 07.31	326 41.42	S09 27.15	187 30.82	04.38	N23 44.40	03.78	59.69
11	319 08.92	331 55.16	S07 01.74	294 48.15	N10 20.48	222 58.18	N23 26.18	252 20.75	N20 07.33	341 41.52	S09 26.23	201 54.19	04.36	N23 40.62	03.94	59.73
12	334 11.39	346 54.74	S07 00.51	309 48.94	N10 21.16	238 00.69	N23 26.19	267 23.13	N20 07.36	356 41.61	S09 25.30	216 17.56	04.35	N23 36.68	04.11	59.76
13	349 13.85	001 54.31	S06 59.28	324 49.73	N10 21.83	253 03.20	N23 26.20	282 25.52	N20 07.38	011 41.70	S09 24.38	230 40.91	04.34	N23 32.56	04.28	59.80
14	004 16.31	016 53.88	S06 58.05	339 50.52	N10 22.51	268 05.71	N23 26.20	297 27.90	N20 07.40	026 41.80	S09 23.45	245 04.25	04.33	N23 28.28	04.45	59.84
15	019 18.78	031 53.46	S06 56.82	354 51.31	N10 23.18	283 08.22	N23 26.21	312 30.29	N20 07.42	041 41.89	S09 22.53	259 27.58	04.33	N23 23.83	04.62	59.87
16	034 21.24	046 53.03	S06 55.59	009 52.10	N10 23.86	298 10.73	N23 26.22	327 32.67	N20 07.45	056 41.99	S09 21.60	273 50.91	04.32	N23 19.21	04.79	59.91
17	049 23.71	061 52.60	S06 54.36	024 52.89	N10 24.53	313 13.24	N23 26.22	342 35.06	N20 07.47	071 42.08	S09 20.68	288 14.23	04.32	N23 14.42	04.96	59.95
18	064 26.17	076 52.18	S06 53.13	039 53.68	N10 25.21	328 15.74	N23 26.23	357 37.44	N20 07.49	086 42.18	S09 19.75	302 37.55	04.32	N23 09.47	05.12	59.98
19	079 28.64	091 51.75	S06 51.90	054 54.47	N10 25.88	343 18.25	N23 26.23	012 39.82	N20 07.51	101 42.27	S09 18.83	317 00.87	04.32	N23 04.34	05.29	60.02
20	094 31.10	106 51.33	S06 50.67	069 55.26	N10 26.55	358 20.76	N23 26.24	027 42.21	N20 07.54	116 42.37	S09 17.90	331 24.19	04.33	N22 59.05	05.46	60.05
21	109 33.56	121 50.91	S06 49.44	084 56.05	N10 27.23	013 23.27	N23 26.25	042 44.59	N20 07.56	131 42.46	S09 16.98	345 47.52	04.33	N22 53.59	05.63	60.09
22	124 36.03	136 50.48	S06 48.21	099 56.84	N10 27.90	028 25.77	N23 26.25	057 46.97	N20 07.58	146 42.56	S09 16.05	000 10.85	04.34	N22 47.97	05.79	60.12
23	139 38.49	151 50.06	S06 46.97	114 57.63	N10 28.58	043 28.28	N23 26.26	072 49.36	N20 07.60	161 42.66	S09 15.12	014 34.18	04.35	N22 42.17	05.96	60.16
25 00	154 40.96	166 49.63	S06 45.74	129 58.42	N10 29.25	058 30.78	N23 26.27	087 51.74	N20 07.63	176 42.75	S09 14.20	028 57.53	04.36	N22 36.22	06.12	60.19
01	169 43.42	181 49.21	S06 44.51	144 59.20	N10 29.92	073 33.29	N23 26.27	102 54.12	N20 07.65	191 42.85	S09 13.27	043 20.89	04.37	N22 30.09	06.29	60.22
02	184 45.88	196 48.79	S06 43.28	159 59.99	N10 30.59	088 35.79	N23 26.28	117 56.50	N20 07.67	206 42.95	S09 12.34	057 44.26	04.38	N22 23.80	06.45	60.26
03	199 48.35	211 48.36	S06 42.04	175 00.78	N10 31.27	103 38.30	N23 26.28	132 58.89	N20 07.70	221 43.05	S09 11.41	072 07.64	04.40	N22 17.35	06.62	60.29
04	214 50.81	226 47.94	S06 40.81	190 01.57	N10 31.94	118 40.80	N23 26.29	148 01.27	N20 07.72	236 43.14	S09 10.49	086 31.04	04.42	N22 10.73	06.78	60.32
05	229 53.28	241 47.52	S06 39.57	205 02.36	N10 32.61	133 43.31	N23 26.30	163 03.65	N20 07.74	251 43.24	S09 09.56	100 54.45	04.43	N22 03.95	06.94	60.35
06	244 55.74	256 47.10	S06 38.34	220 03.15	N10 33.29	148 45.81	N23 26.30	178 06.03	N20 07.77	266 43.34	S09 08.63	115 17.89	04.45	N21 57.01	07.10	60.39
07	259 58.21	271 46.68	S06 37.10	235 03.94	N10 33.96	163 48.31	N23 26.31	193 08.41	N20 07.79	281 43.44	S09 07.70	129 41.34	04.48	N21 49.91	07.27	60.42
08	275 00.67	286 46.26	S06 35.87	250 04.72	N10 34.63	178 50.82	N23 26.31	208 10.79	N20 07.81	296 43.54	S09 06.77	144 04.82	04.50	N21 42.64	07.43	60.45
09	290 03.13	301 45.83	S06 34.63	265 05.51	N10 35.30	193 53.32	N23 26.32	223 13.18	N20 07.83	311 43.64	S09 05.84	158 28.32	04.53	N21 35.22	07.59	60.48
10	305 05.60	316 45.41	S06 33.40	280 06.30	N10 35.97	208 55.82	N23 26.33	238 15.56	N20 07.86	326 43.74	S09 04.91	172 51.84	04.55	N21 27.63	07.74	60.51
11	320 08.06	331 44.99	S06 32.16	295 07.09	N10 36.64	223 58.32	N23 26.33	253 17.94	N20 07.88	341 43.83	S09 03.98	187 15.40	04.58	N21 19.89	07.90	60.54
12	335 10.53	346 44.57	S06 30.93	310 07.88	N10 37.32	239 00.82	N23 26.34	268 20.32	N20 07.90	356 43.93	S09 03.05	201 38.98	04.61	N21 11.99	08.06	60.57
13	350 12.99	001 44.15	S06 29.69	325 08.67	N10 37.99	254 03.32	N23 26.34	283 22.70	N20 07.93	011 44.03	S09 02.13	216 02.59	04.64	N21 03.93	08.21	60.60
14	005 15.45	016 43.73	S06 28.45	340 09.45	N10 38.66	269 05.82	N23 26.35	298 25.08	N20 07.95	026 44.13	S09 01.19	230 26.23	04.67	N20 55.71	08.37	60.63
15	020 17.92	031 43.32	S06 27.22	355 10.24	N10 39.33	284 08.32	N23 26.36	313 27.46	N20 07.97	041 44.24	S09 00.26	244 49.90	04.71	N20 47.34	08.52	60.66
16	035 20.38	046 42.90	S06 25.98	010 11.03	N10 40.00	299 10.82	N23 26.36	328 29.84	N20 08.00	056 44.34	S08 59.33	259 13.61	04.74	N20 38.82	08.68	60.69
17	050 22.85	061 42.48	S06 24.74	025 11.82	N10 40.67	314 13.32	N23 26.37	343 32.22	N20 08.02	071 44.44	S08 58.40	273 37.36	04.78	N20 30.14	08.83	60.71
18	065 25.31	076 42.06	S06 23.50	040 12.60	N10 41.34	329 15.82	N23 26.37	358 34.60	N20 08.04	086 44.54	S08 57.47	288 01.14	04.82	N20 21.32	08.98	60.74
19	080 27.77	091 41.64	S06 22.26	055 13.39	N10 42.01	344 18.32	N23 26.38	013 36.97	N20 08.07	101 44.64	S08 56.54	302 24.95	04.86	N20 12.34	09.13	60.77
20	095 30.24	106 41.22	S06 21.02	070 14.18	N10 42.68	359 20.82	N23 26.38	028 39.35	N20 08.09	116 44.74	S08 55.61	316 48.81	04.90	N20 03.21	09.28	60.79
21	110 32.70	121 40.81	S06 19.79	085 14.97	N10 43.35	014 23.32	N23 26.39	043 41.73	N20 08.11	131 44.84	S08 54.68	331 12.71	04.94	N19 53.93	09.42	60.82
22	125 35.17	136 40.39	S06 18.55	100 15.76	N10 44.02	029 25.81	N23 26.40	058 44.11	N20 08.14	146 44.95	S08 53.75	345 36.65	04.98	N19 44.51	09.57	60.84
23	140 37.63	151 39.97	S06 17.31	115 16.54	N10 44.69	044 28.31	N23 26.40	073 46.49	N20 08.16	161 45.05	S08 52.81	000 00.63	05.02	N19 34.94	09.71	60.87
		v -0.42	d 1.23	v 0.79	d 0.67	v 2.51	d 0.01	v 2.38	d 0.02	v 0.10	d 0.93	SD	16.28	16.50		
		HP 0.09		HP 0.08						SD 16.16	HP 0.15					

Tuesday February 26, 2002 through Wednesday February 27, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
26 00	155 40.10	166 39.56	S06 16.07	130 17.33	N10 45.36	059 30.81	N23 26.41	088 48.87	N20 08.18	176 45.15	S08 51.88	014 24.65	05.07	N19 25.23	09.86	60.89
01	170 42.56	181 39.14	S06 14.83	145 18.12	N10 46.03	074 33.30	N23 26.41	103 51.24	N20 08.21	191 45.26	S08 50.95	028 48.72	05.11	N19 15.37	10.00	60.92
02	185 45.02	196 38.72	S06 13.59	160 18.90	N10 46.70	089 35.80	N23 26.42	118 53.62	N20 08.23	206 45.36	S08 50.02	043 12.83	05.16	N19 05.37	10.14	60.94
03	200 47.49	211 38.31	S06 12.35	175 19.69	N10 47.36	104 38.29	N23 26.42	133 56.00	N20 08.25	221 45.46	S08 49.08	057 37.00	05.21	N18 55.23	10.28	60.96
04	215 49.95	226 37.89	S06 11.11	190 20.48	N10 48.03	119 40.79	N23 26.43	148 58.38	N20 08.28	236 45.57	S08 48.15	072 01.20	05.26	N18 44.95	10.42	60.99
05	230 52.42	241 37.48	S06 09.86	205 21.27	N10 48.70	134 43.28	N23 26.44	164 00.75	N20 08.30	251 45.67	S08 47.22	086 25.46	05.31	N18 34.53	10.55	61.01
06	245 54.88	256 37.06	S06 08.62	220 22.05	N10 49.37	149 45.78	N23 26.44	179 03.13	N20 08.33	266 45.77	S08 46.28	100 49.77	05.36	N18 23.98	10.69	61.03
07	260 57.34	271 36.65	S06 07.38	235 22.84	N10 50.04	164 48.27	N23 26.45	194 05.51	N20 08.35	281 45.88	S08 45.35	115 14.13	05.41	N18 13.29	10.82	61.05
08	275 59.81	286 36.23	S06 06.14	250 23.63	N10 50.70	179 50.77	N23 26.45	209 07.88	N20 08.37	296 45.98	S08 44.41	129 38.53	05.46	N18 02.47	10.95	61.07
09	291 02.27	301 35.82	S06 04.90	265 24.41	N10 51.37	194 53.26	N23 26.46	224 10.26	N20 08.40	311 46.09	S08 43.48	144 02.99	05.51	N17 51.51	11.08	61.09
10	306 04.74	316 35.41	S06 03.65	280 25.20	N10 52.04	209 55.75	N23 26.46	239 12.64	N20 08.42	326 46.19	S08 42.54	158 27.51	05.57	N17 40.43	11.21	61.11
11	321 07.20	331 34.99	S06 02.41	295 25.99	N10 52.71	224 58.24	N23 26.47	254 15.01	N20 08.44	341 46.30	S08 41.61	172 52.07	05.62	N17 29.22	11.34	61.13
12	336 09.66	346 34.58	S06 01.17	310 26.77	N10 53.37	240 00.74	N23 26.47	269 17.39	N20 08.47	356 46.41	S08 40.67	187 16.69	05.67	N17 17.87	11.47	61.15
13	351 12.13	001 34.17	S05 59.92	325 27.56	N10 54.04	255 03.23	N23 26.48	284 19.76	N20 08.49	011 46.51	S08 39.74	201 41.36	05.73	N17 06.41	11.59	61.17
14	006 14.59	016 33.75	S05 58.68	340 28.35	N10 54.71	270 05.72	N23 26.49	299 22.14	N20 08.52	026 46.62	S08 38.80	216 06.09	05.78	N16 54.82	11.71	61.18
15	021 17.06	031 33.34	S05 57.44	355 29.13	N10 55.37	285 08.21	N23 26.49	314 24.51	N20 08.54	041 46.72	S08 37.87	230 30.88	05.84	N16 43.10	11.83	61.20
16	036 19.52	046 32.93	S05 56.19	010 29.92	N10 56.04	300 10.70	N23 26.50	329 26.89	N20 08.56	056 46.83	S08 36.93	244 55.72	05.90	N16 31.27	11.95	61.22
17	051 21.99	061 32.52	S05 54.95	025 30.70	N10 56.70	315 13.19	N23 26.50	344 29.26	N20 08.59	071 46.94	S08 36.00	259 20.61	05.95	N16 19.32	12.07	61.23
18	066 24.45	076 32.10	S05 53.70	040 31.49	N10 57.37	330 15.68	N23 26.51	359 31.64	N20 08.61	086 47.05	S08 35.06	273 45.57	06.01	N16 07.25	12.19	61.25
19	081 26.91	091 31.69	S05 52.46	055 32.28	N10 58.04	345 18.17	N23 26.51	014 34.01	N20 08.64	101 47.15	S08 34.12	288 10.58	06.07	N15 55.06	12.30	61.26
20	096 29.38	106 31.28	S05 51.21	070 33.06	N10 58.70	000 20.66	N23 26.52	029 36.39	N20 08.66	116 47.26	S08 33.19	302 35.65	06.13	N15 42.76	12.41	61.28
21	111 31.84	121 30.87	S05 49.97	085 33.85	N10 59.37	015 23.15	N23 26.52	044 38.76	N20 08.68	131 47.37	S08 32.25	317 00.77	06.18	N15 30.35	12.52	61.29
22	126 34.31	136 30.46	S05 48.72	100 34.63	N11 00.03	030 25.64	N23 26.53	059 41.13	N20 08.71	146 47.48	S08 31.31	331 25.96	06.24	N15 17.83	12.63	61.30
23	141 36.77	151 30.05	S05 47.48	115 35.42	N11 00.70	045 28.13	N23 26.53	074 43.51	N20 08.73	161 47.59	S08 30.37	345 51.20	06.30	N15 05.19	12.74	61.31
27 00	156 39.23	166 29.64	S05 46.23	130 36.21	N11 01.36	060 30.61	N23 26.54	089 45.88	N20 08.76	176 47.69	S08 29.44	000 16.50	06.36	N14 52.46	12.84	61.33
01	171 41.70	181 29.23	S05 44.98	145 36.99	N11 02.03	075 33.10	N23 26.54	104 48.25	N20 08.78	191 47.80	S08 28.50	014 41.86	06.42	N14 39.61	12.95	61.34
02	186 44.16	196 28.82	S05 43.74	160 37.78	N11 02.69	090 35.59	N23 26.55	119 50.63	N20 08.80	206 47.91	S08 27.56	029 07.28	06.48	N14 26.67	13.05	61.35
03	201 46.63	211 28.41	S05 42.49	175 38.56	N11 03.35	105 38.07	N23 26.56	134 53.00	N20 08.83	221 48.02	S08 26.62	043 32.76	06.54	N14 13.62	13.15	61.36
04	216 49.09	226 28.00	S05 41.24	190 39.35	N11 04.02	120 40.56	N23 26.56	149 55.37	N20 08.85	236 48.13	S08 25.68	057 58.30	06.60	N14 00.47	13.24	61.37
05	231 51.55	241 27.59	S05 39.99	205 40.13	N11 04.68	135 43.05	N23 26.57	164 57.74	N20 08.88	251 48.24	S08 24.75	072 23.90	06.66	N13 47.23	13.34	61.38
06	246 54.02	256 27.18	S05 38.75	220 40.92	N11 05.35	150 45.53	N23 26.57	180 00.12	N20 08.90	266 48.35	S08 23.81	086 49.55	06.72	N13 33.89	13.43	61.38
07	261 56.48	271 26.78	S05 37.50	235 41.70	N11 06.01	165 48.02	N23 26.58	195 02.49	N20 08.93	281 48.46	S08 22.87	101 15.27	06.78	N13 20.45	13.53	61.39
08	276 58.95	286 26.37	S05 36.25	250 42.49	N11 06.67	180 50.50	N23 26.58	210 04.86	N20 08.95	296 48.57	S08 21.93	115 41.05	06.83	N13 06.93	13.62	61.40
09	292 01.41	301 25.96	S05 35.00	265 43.28	N11 07.34	195 52.99	N23 26.59	225 07.23	N20 08.97	311 48.68	S08 20.99	130 06.88	06.89	N12 53.31	13.70	61.40
10	307 03.87	316 25.55	S05 33.75	280 44.06	N11 08.00	210 55.47	N23 26.59	240 09.60	N20 09.00	326 48.79	S08 20.05	144 32.77	06.95	N12 39.61	13.79	61.41
11	322 06.34	331 25.15	S05 32.50	295 44.85	N11 08.66	225 57.95	N23 26.60	255 11.97	N20 09.02	341 48.91	S08 19.11	158 58.73	07.01	N12 25.82	13.87	61.42
12	337 08.80	346 24.74	S05 31.25	310 45.63	N11 09.32	241 00.44	N23 26.60	270 14.35	N20 09.05	356 49.02	S08 18.17	173 24.74	07.07	N12 11.95	13.96	61.42
13	352 11.27	001 24.33	S05 30.00	325 46.41	N11 09.99	256 02.92	N23 26.61	285 16.72	N20 09.07	011 49.13	S08 17.23	187 50.81	07.13	N11 57.99	14.04	61.42
14	007 13.73	016 23.92	S05 28.75	340 47.20	N11 10.65	271 05.40	N23 26.61	300 19.09	N20 09.10	026 49.24	S08 16.29	202 16.93	07.19	N11 43.95	14.11	61.43
15	022 16.19	031 23.52	S05 27.50	355 47.98	N11 11.31	286 07.88	N23 26.62	315 21.46	N20 09.12	041 49.35	S08 15.35	216 43.12	07.24	N11 29.84	14.19	61.43
16	037 18.66	046 23.11	S05 26.25	010 48.77	N11 11.97	301 10.37	N23 26.62	330 23.83	N20 09.14	056 49.47	S08 14.40	231 09.37	07.30	N11 15.65	14.27	61.43
17	052 21.12	061 22.71	S05 25.00	025 49.55	N11 12.63	316 12.85	N23 26.63	345 26.20	N20 09.17	071 49.58	S08 13.46	245 35.67	07.36	N11 01.38	14.34	61.43
18	067 23.59	076 22.30	S05 23.75	040 50.34	N11 13.29	331 15.33	N23 26.63	000 28.57	N20 09.19	086 49.69	S08 12.52	260 02.03	07.42	N10 47.05	14.41	61.44
19	082 26.05	091 21.90	S05 22.50	055 51.12	N11 13.95	346 17.81	N23 26.64	015 30.94	N20 09.22	101 49.80	S08 11.58	274 28.44	07.47	N10 32.64	14.48	61.44
20	097 28.51	106 21.49	S05 21.25	070 51.91	N11 14.62	001 20.29	N23 26.64	030 33.31	N20 09.24	116 49.92	S08 10.64	288 54.91	07.53	N10 18.16	14.54	61.44
21	112 30.98	121 21.09	S05 20.00	085 52.69	N11 15.28	016 22.77	N23 26.65	045 35.68	N20 09.27	131 50.03	S08 09.70	303 21.44	07.58	N10 03.62	14.61	61.44
22	127 33.44	136 20.68	S05 18.74	100 53.48	N11 15.94	031 25.25	N23 26.65	060 38.05	N20 09.29	146 50.15	S08 08.75	317 48.03	07.64	N09 49.01	14.67	61.43
23	142 35.91	151 20.28	S05 17.49	115 54.26	N11 16.60	046 27.73	N23 26.66	075 40.41	N20 09.32	161 50.26	S08 07.81	332 14.67	07.69	N09 34.34	14.73	61.43
		v -0.41	d 1.25	v 0.79	d 0.66	v 2.49	d 0.01	v 2.37	d 0.02	v 0.11	d 0.94	SD	16.66	16.74		
		HP 0.09		HP 0.08						SD 16.15	HP 0.15					

Thursday February 28, 2002 through Friday March 01, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
28 00	157 38.37	166 19.87	S05 16.24	130 55.04	N11 17.26	061 30.20	N23 26.66	090 42.78	N20 09.34	176 50.37	S08 06.87	346 41.36	07.75	N09 19.61	14.79	61.43
01	172 40.84	181 19.47	S05 14.99	145 55.83	N11 17.92	076 32.68	N23 26.67	105 45.15	N20 09.37	191 50.49	S08 05.93	001 08.11	07.80	N09 04.83	14.84	61.43
02	187 43.30	196 19.07	S05 13.73	160 56.61	N11 18.58	091 35.16	N23 26.67	120 47.52	N20 09.39	206 50.60	S08 04.98	015 34.91	07.86	N08 49.98	14.90	61.42
03	202 45.76	211 18.66	S05 12.48	175 57.40	N11 19.24	106 37.64	N23 26.68	135 49.89	N20 09.42	221 50.72	S08 04.04	030 01.77	07.91	N08 35.09	14.95	61.42
04	217 48.23	226 18.26	S05 11.23	190 58.18	N11 19.90	121 40.12	N23 26.68	150 52.26	N20 09.44	236 50.83	S08 03.10	044 28.68	07.96	N08 20.13	15.00	61.41
05	232 50.69	241 17.86	S05 09.97	205 58.96	N11 20.56	136 42.59	N23 26.69	165 54.62	N20 09.47	251 50.95	S08 02.15	058 55.64	08.01	N08 05.13	15.05	61.41
06	247 53.16	256 17.45	S05 08.72	220 59.75	N11 21.22	151 45.07	N23 26.69	180 56.99	N20 09.49	266 51.06	S08 01.21	073 22.65	08.06	N07 50.09	15.10	61.40
07	262 55.62	271 17.05	S05 07.47	236 00.53	N11 21.87	166 47.55	N23 26.70	195 59.36	N20 09.52	281 51.18	S08 00.26	087 49.71	08.11	N07 34.99	15.14	61.39
08	277 58.08	286 16.65	S05 06.21	251 01.31	N11 22.53	181 50.02	N23 26.70	211 01.72	N20 09.54	296 51.30	S07 59.32	102 16.83	08.16	N07 19.85	15.18	61.39
09	293 00.55	301 16.25	S05 04.96	266 02.10	N11 23.19	196 52.50	N23 26.71	226 04.09	N20 09.57	311 51.41	S07 58.37	116 43.99	08.21	N07 04.67	15.22	61.38
10	308 03.01	316 15.85	S05 03.70	281 02.88	N11 23.85	211 54.97	N23 26.71	241 06.46	N20 09.59	326 51.53	S07 57.43	131 11.20	08.26	N06 49.45	15.26	61.37
11	323 05.48	331 15.44	S05 02.45	296 03.66	N11 24.51	226 57.45	N23 26.72	256 08.83	N20 09.62	341 51.65	S07 56.49	145 38.46	08.31	N06 34.19	15.30	61.36
12	338 07.94	346 15.04	S05 01.19	311 04.45	N11 25.17	241 59.92	N23 26.72	271 11.19	N20 09.64	356 51.76	S07 55.54	160 05.77	08.36	N06 18.89	15.33	61.35
13	353 10.40	001 14.64	S04 59.94	326 05.23	N11 25.82	257 02.39	N23 26.72	286 13.56	N20 09.67	011 51.88	S07 54.59	174 33.13	08.40	N06 03.56	15.36	61.34
14	008 12.87	016 14.24	S04 58.68	341 06.01	N11 26.48	272 04.87	N23 26.73	301 15.92	N20 09.69	026 52.00	S07 53.65	189 00.53	08.45	N05 48.20	15.39	61.33
15	023 15.33	031 13.84	S04 57.42	356 06.80	N11 27.14	287 07.34	N23 26.73	316 18.29	N20 09.72	041 52.12	S07 52.70	203 27.98	08.49	N05 32.80	15.42	61.32
16	038 17.80	046 13.44	S04 56.17	011 07.58	N11 27.80	302 09.81	N23 26.74	331 20.65	N20 09.74	056 52.23	S07 51.76	217 55.47	08.54	N05 17.38	15.45	61.31
17	053 20.26	061 13.04	S04 54.91	026 08.36	N11 28.45	317 12.29	N23 26.74	346 23.02	N20 09.77	071 52.35	S07 50.81	232 23.01	08.58	N05 01.93	15.47	61.30
18	068 22.72	076 12.64	S04 53.66	041 09.14	N11 29.11	332 14.76	N23 26.75	001 25.39	N20 09.79	086 52.47	S07 49.86	246 50.59	08.62	N04 46.46	15.50	61.28
19	083 25.19	091 12.24	S04 52.40	056 09.93	N11 29.77	347 17.23	N23 26.75	016 27.75	N20 09.82	101 52.59	S07 48.92	261 18.21	08.67	N04 30.96	15.52	61.27
20	098 27.65	106 11.84	S04 51.14	071 10.71	N11 30.42	002 19.70	N23 26.76	031 30.12	N20 09.84	116 52.71	S07 47.97	275 45.88	08.71	N04 15.45	15.53	61.26
21	113 30.12	121 11.44	S04 49.88	086 11.49	N11 31.08	017 22.17	N23 26.76	046 32.48	N20 09.87	131 52.83	S07 47.02	290 13.58	08.75	N03 59.91	15.55	61.24
22	128 32.58	136 11.04	S04 48.63	101 12.27	N11 31.73	032 24.64	N23 26.77	061 34.84	N20 09.89	146 52.95	S07 46.08	304 41.33	08.79	N03 44.36	15.57	61.23
23	143 35.04	151 10.65	S04 47.37	116 13.06	N11 32.39	047 27.11	N23 26.77	076 37.21	N20 09.92	161 53.07	S07 45.13	319 09.11	08.82	N03 28.80	15.58	61.21
01 00	158 37.51	166 10.25	S04 46.11	131 13.84	N11 33.05	062 29.58	N23 26.78	091 39.57	N20 09.94	176 53.19	S07 44.18	333 36.94	08.86	N03 13.22	15.59	61.19
01	173 39.97	181 09.85	S04 44.85	146 14.62	N11 33.70	077 32.05	N23 26.78	106 41.94	N20 09.97	191 53.31	S07 43.23	348 04.80	08.90	N02 57.63	15.60	61.18
02	188 42.44	196 09.45	S04 43.59	161 15.40	N11 34.36	092 34.52	N23 26.78	121 44.30	N20 09.99	206 53.43	S07 42.29	002 32.70	08.94	N02 42.03	15.61	61.16
03	203 44.90	211 09.05	S04 42.33	176 16.19	N11 35.01	107 36.99	N23 26.79	136 46.66	N20 10.02	221 53.55	S07 41.34	017 00.64	08.97	N02 26.42	15.61	61.14
04	218 47.36	226 08.66	S04 41.08	191 16.97	N11 35.67	122 39.46	N23 26.79	151 49.03	N20 10.04	236 53.67	S07 40.39	031 28.61	09.01	N02 10.81	15.61	61.12
05	233 49.83	241 08.26	S04 39.82	206 17.75	N11 36.32	137 41.92	N23 26.80	166 51.39	N20 10.07	251 53.79	S07 39.44	045 56.62	09.04	N01 55.20	15.62	61.11
06	248 52.29	256 07.86	S04 38.56	221 18.53	N11 36.98	152 44.39	N23 26.80	181 53.75	N20 10.10	266 53.91	S07 38.49	060 24.65	09.07	N01 39.58	15.62	61.09
07	263 54.76	271 07.46	S04 37.30	236 19.31	N11 37.63	167 46.86	N23 26.81	196 56.12	N20 10.12	281 54.03	S07 37.54	074 52.73	09.10	N01 23.97	15.61	61.07
08	278 57.22	286 07.07	S04 36.04	251 20.10	N11 38.28	182 49.33	N23 26.81	211 58.48	N20 10.15	296 54.15	S07 36.59	089 20.83	09.14	N01 08.35	15.61	61.05
09	293 59.68	301 06.67	S04 34.78	266 20.88	N11 38.94	197 51.79	N23 26.81	227 00.84	N20 10.17	311 54.27	S07 35.65	103 48.97	09.17	N00 52.75	15.60	61.03
10	309 02.15	316 06.28	S04 33.52	281 21.66	N11 39.59	212 54.26	N23 26.82	242 03.20	N20 10.20	326 54.40	S07 34.70	118 17.13	09.20	N00 37.14	15.60	61.00
11	324 04.61	331 05.88	S04 32.26	296 22.44	N11 40.24	227 56.72	N23 26.82	257 05.56	N20 10.22	341 54.52	S07 33.75	132 45.33	09.22	N00 21.55	15.59	60.98
12	339 07.08	346 05.48	S04 31.00	311 23.22	N11 40.90	242 59.19	N23 26.83	272 07.93	N20 10.25	356 54.64	S07 32.80	147 13.55	09.25	N00 05.96	15.57	60.96
13	354 09.54	001 05.09	S04 29.74	326 24.00	N11 41.55	258 01.65	N23 26.83	287 10.29	N20 10.27	011 54.76	S07 31.85	161 41.80	09.28	S00 09.61	15.56	60.94
14	009 12.00	016 04.69	S04 28.48	341 24.78	N11 42.20	273 04.12	N23 26.84	302 12.65	N20 10.30	026 54.88	S07 30.90	176 10.08	09.30	S00 25.18	15.55	60.92
15	024 14.47	031 04.30	S04 27.21	356 25.57	N11 42.86	288 06.58	N23 26.84	317 15.01	N20 10.33	041 55.01	S07 29.95	190 38.39	09.33	S00 40.72	15.53	60.89
16	039 16.93	046 03.90	S04 25.95	011 26.35	N11 43.51	303 09.05	N23 26.84	332 17.37	N20 10.35	056 55.13	S07 29.00	205 06.72	09.35	S00 56.25	15.51	60.87
17	054 19.40	061 03.51	S04 24.69	026 27.13	N11 44.16	318 11.51	N23 26.85	347 19.73	N20 10.38	071 55.25	S07 28.04	219 35.07	09.38	S01 11.76	15.49	60.84
18	069 21.86	076 03.11	S04 23.43	041 27.91	N11 44.81	333 13.97	N23 26.85	002 22.09	N20 10.40	086 55.38	S07 27.09	234 03.45	09.40	S01 27.25	15.47	60.82
19	084 24.32	091 02.72	S04 22.17	056 28.69	N11 45.47	348 16.43	N23 26.86	017 24.45	N20 10.43	101 55.50	S07 26.14	248 31.84	09.42	S01 42.72	15.45	60.79
20	099 26.79	106 02.32	S04 20.90	071 29.47	N11 46.12	003 18.90	N23 26.86	032 26.81	N20 10.45	116 55.63	S07 25.19	263 00.26	09.44	S01 58.17	15.42	60.77
21	114 29.25	121 01.93	S04 19.64	086 30.25	N11 46.77	018 21.36	N23 26.87	047 29.17	N20 10.48	131 55.75	S07 24.24	277 28.71	09.46	S02 13.59	15.39	60.74
22	129 31.72	136 01.54	S04 18.38	101 31.03	N11 47.42	033 23.82	N23 26.87	062 31.53	N20 10.51	146 55.87	S07 23.29	291 57.17	09.48	S02 28.99	15.37	60.72
23	144 34.18	151 01.14	S04 17.12	116 31.81	N11 48.07	048 26.28	N23 26.87	077 33.89	N20 10.53	161 56.00	S07 22.34	306 25.65	09.50	S02 44.35	15.33	60.69
		v -0.40	d 1.26	v 0.78	d 0.66	v 2.47	d 0.00	v 2.36	d 0.03	v 0.12	d 0.95	SD	16.72	16.61		
		HP 0.09		HP 0.08						SD 16.14	HP 0.15					

Saturday March 02, 2002 through Sunday March 03, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
02 00	159 36.64	166 00.75	S04 15.85	131 32.59	N11 48.72	063 28.74	N23 26.88	092 36.25	N20 10.56	176 56.12	S07 21.38	320 54.14	09.52	S02 59.68	15.30	60.66
01	174 39.11	181 00.36	S04 14.59	146 33.37	N11 49.37	078 31.20	N23 26.88	107 38.61	N20 10.58	191 56.25	S07 20.43	335 22.66	09.53	S03 14.99	15.27	60.63
02	189 41.57	195 59.96	S04 13.33	161 34.15	N11 50.02	093 33.66	N23 26.89	122 40.97	N20 10.61	206 56.37	S07 19.48	349 51.19	09.55	S03 30.26	15.23	60.61
03	204 44.04	210 59.57	S04 12.06	176 34.93	N11 50.67	108 36.12	N23 26.89	137 43.33	N20 10.64	221 56.50	S07 18.53	004 19.74	09.56	S03 45.49	15.20	60.58
04	219 46.50	225 59.18	S04 10.80	191 35.71	N11 51.32	123 38.58	N23 26.89	152 45.69	N20 10.66	236 56.63	S07 17.57	018 48.30	09.58	S04 00.69	15.16	60.55
05	234 48.96	240 58.79	S04 09.53	206 36.49	N11 51.97	138 41.04	N23 26.90	167 48.04	N20 10.69	251 56.75	S07 16.62	033 16.87	09.59	S04 15.85	15.12	60.52
06	249 51.43	255 58.39	S04 08.27	221 37.27	N11 52.62	153 43.50	N23 26.90	182 50.40	N20 10.71	266 56.88	S07 15.67	047 45.46	09.60	S04 30.96	15.08	60.49
07	264 53.89	270 58.00	S04 07.01	236 38.05	N11 53.27	168 45.96	N23 26.91	197 52.76	N20 10.74	281 57.00	S07 14.71	062 14.06	09.61	S04 46.04	15.03	60.46
08	279 56.36	285 57.61	S04 05.74	251 38.83	N11 53.92	183 48.41	N23 26.91	212 55.12	N20 10.77	296 57.13	S07 13.76	076 42.67	09.62	S05 01.08	14.99	60.43
09	294 58.82	300 57.22	S04 04.48	266 39.61	N11 54.57	198 50.87	N23 26.91	227 57.48	N20 10.79	311 57.26	S07 12.81	091 11.30	09.63	S05 16.06	14.94	60.40
10	310 01.28	315 56.83	S04 03.21	281 40.39	N11 55.22	213 53.33	N23 26.92	242 59.83	N20 10.82	326 57.38	S07 11.85	105 39.93	09.64	S05 31.01	14.89	60.37
11	325 03.75	330 56.44	S04 01.95	296 41.17	N11 55.87	228 55.79	N23 26.92	258 02.19	N20 10.85	341 57.51	S07 10.90	120 08.57	09.65	S05 45.90	14.85	60.34
12	340 06.21	345 56.05	S04 00.68	311 41.95	N11 56.52	243 58.24	N23 26.93	273 04.55	N20 10.87	356 57.64	S07 09.94	134 37.22	09.66	S06 00.75	14.79	60.31
13	355 08.68	000 55.66	S03 59.41	326 42.73	N11 57.17	259 00.70	N23 26.93	288 06.91	N20 10.90	011 57.77	S07 08.99	149 05.87	09.66	S06 15.54	14.74	60.27
14	010 11.14	015 55.27	S03 58.15	341 43.51	N11 57.82	274 03.15	N23 26.93	303 09.26	N20 10.92	026 57.89	S07 08.04	163 34.53	09.67	S06 30.28	14.69	60.24
15	025 13.61	030 54.88	S03 56.88	356 44.29	N11 58.46	289 05.61	N23 26.94	318 11.62	N20 10.95	041 58.02	S07 07.08	178 03.20	09.67	S06 44.97	14.63	60.21
16	040 16.07	045 54.49	S03 55.62	011 45.07	N11 59.11	304 08.06	N23 26.94	333 13.97	N20 10.98	056 58.15	S07 06.13	192 31.87	09.68	S06 59.60	14.58	60.18
17	055 18.53	060 54.10	S03 54.35	026 45.85	N11 59.76	319 10.52	N23 26.95	348 16.33	N20 11.00	071 58.28	S07 05.17	207 00.55	09.68	S07 14.18	14.52	60.15
18	070 21.00	075 53.71	S03 53.08	041 46.63	N12 00.41	334 12.97	N23 26.95	003 18.69	N20 11.03	086 58.41	S07 04.21	221 29.23	09.68	S07 28.70	14.46	60.11
19	085 23.46	090 53.32	S03 51.82	056 47.41	N12 01.05	349 15.43	N23 26.95	018 21.04	N20 11.06	101 58.54	S07 03.26	235 57.91	09.68	S07 43.16	14.40	60.08
20	100 25.93	105 52.93	S03 50.55	071 48.19	N12 01.70	004 17.88	N23 26.96	033 23.40	N20 11.08	116 58.67	S07 02.30	250 26.59	09.68	S07 57.55	14.34	60.04
21	115 28.39	120 52.54	S03 49.28	086 48.97	N12 02.35	019 20.33	N23 26.96	048 25.75	N20 11.11	131 58.79	S07 01.35	264 55.28	09.68	S08 11.89	14.27	60.01
22	130 30.85	135 52.15	S03 48.02	101 49.74	N12 03.00	034 22.78	N23 26.96	063 28.11	N20 11.14	146 58.92	S07 00.39	279 23.96	09.68	S08 26.16	14.21	59.98
23	145 33.32	150 51.76	S03 46.75	116 50.52	N12 03.64	049 25.24	N23 26.97	078 30.46	N20 11.16	161 59.05	S06 59.44	293 52.64	09.68	S08 40.37	14.14	59.94
03 00	160 35.78	165 51.37	S03 45.48	131 51.30	N12 04.29	064 27.69	N23 26.97	093 32.82	N20 11.19	176 59.18	S06 58.48	308 21.33	09.68	S08 54.51	14.07	59.91
01	175 38.25	180 50.98	S03 44.21	146 52.08	N12 04.93	079 30.14	N23 26.98	108 35.17	N20 11.21	191 59.31	S06 57.52	322 50.01	09.68	S09 08.58	14.00	59.87
02	190 40.71	195 50.59	S03 42.94	161 52.86	N12 05.58	094 32.59	N23 26.98	123 37.53	N20 11.24	206 59.44	S06 56.57	337 18.69	09.68	S09 22.58	13.93	59.84
03	205 43.17	210 50.21	S03 41.68	176 53.64	N12 06.23	109 35.04	N23 26.98	138 39.88	N20 11.27	221 59.57	S06 55.61	351 47.36	09.67	S09 36.51	13.86	59.80
04	220 45.64	225 49.82	S03 40.41	191 54.42	N12 06.87	124 37.49	N23 26.99	153 42.24	N20 11.29	236 59.70	S06 54.65	006 16.03	09.67	S09 50.37	13.79	59.77
05	235 48.10	240 49.43	S03 39.14	206 55.19	N12 07.52	139 39.94	N23 26.99	168 44.59	N20 11.32	251 59.84	S06 53.69	020 44.70	09.66	S10 04.16	13.71	59.73
06	250 50.57	255 49.04	S03 37.87	221 55.97	N12 08.16	154 42.39	N23 26.99	183 46.94	N20 11.35	266 59.97	S06 52.74	035 13.36	09.66	S10 17.87	13.64	59.70
07	265 53.03	270 48.66	S03 36.60	236 56.75	N12 08.81	169 44.84	N23 27.00	198 49.30	N20 11.37	282 00.10	S06 51.78	049 42.02	09.65	S10 31.51	13.56	59.66
08	280 55.49	285 48.27	S03 35.33	251 57.53	N12 09.45	184 47.29	N23 27.00	213 51.65	N20 11.40	297 00.23	S06 50.82	064 10.67	09.64	S10 45.07	13.48	59.62
09	295 57.96	300 47.88	S03 34.06	266 58.31	N12 10.10	199 49.74	N23 27.00	228 54.00	N20 11.43	312 00.36	S06 49.86	078 39.31	09.64	S10 58.55	13.40	59.59
10	311 00.42	315 47.50	S03 32.79	281 59.08	N12 10.74	214 52.19	N23 27.01	243 56.36	N20 11.45	327 00.49	S06 48.91	093 07.95	09.63	S11 11.96	13.32	59.55
11	326 02.89	330 47.11	S03 31.52	296 59.86	N12 11.38	229 54.63	N23 27.01	258 58.71	N20 11.48	342 00.62	S06 47.95	107 36.58	09.62	S11 25.28	13.24	59.51
12	341 05.35	345 46.72	S03 30.25	312 00.64	N12 12.03	244 57.08	N23 27.01	274 01.06	N20 11.51	357 00.76	S06 46.99	122 05.19	09.61	S11 38.52	13.16	59.48
13	356 07.81	000 46.34	S03 28.98	327 01.42	N12 12.67	259 59.53	N23 27.02	289 03.41	N20 11.54	012 00.89	S06 46.03	136 33.80	09.60	S11 51.68	13.07	59.44
14	011 10.28	015 45.95	S03 27.71	342 02.19	N12 13.32	275 01.97	N23 27.02	304 05.77	N20 11.56	027 01.02	S06 45.07	151 02.40	09.59	S12 04.75	12.99	59.40
15	026 12.74	030 45.56	S03 26.44	357 02.97	N12 13.96	290 04.42	N23 27.02	319 08.12	N20 11.59	042 01.15	S06 44.11	165 30.99	09.58	S12 17.74	12.90	59.37
16	041 15.21	045 45.18	S03 25.17	012 03.75	N12 14.60	305 06.87	N23 27.03	334 10.47	N20 11.62	057 01.29	S06 43.15	179 59.57	09.57	S12 30.64	12.81	59.33
17	056 17.67	060 44.79	S03 23.90	027 04.53	N12 15.24	320 09.31	N23 27.03	349 12.82	N20 11.64	072 01.42	S06 42.19	194 28.14	09.56	S12 43.46	12.73	59.29
18	071 20.13	075 44.41	S03 22.63	042 05.30	N12 15.89	335 11.76	N23 27.04	004 15.17	N20 11.67	087 01.55	S06 41.23	208 56.70	09.54	S12 56.18	12.64	59.25
19	086 22.60	090 44.02	S03 21.36	057 06.08	N12 16.53	350 14.20	N23 27.04	019 17.52	N20 11.70	102 01.69	S06 40.27	223 25.24	09.53	S13 08.82	12.55	59.22
20	101 25.06	105 43.64	S03 20.09	072 06.86	N12 17.17	005 16.65	N23 27.04	034 19.87	N20 11.72	117 01.82	S06 39.31	237 53.77	09.52	S13 21.36	12.45	59.18
21	116 27.53	120 43.25	S03 18.82	087 07.63	N12 17.81	020 19.09	N23 27.05	049 22.22	N20 11.75	132 01.95	S06 38.35	252 22.29	09.50	S13 33.82	12.36	59.14
22	131 29.99	135 42.87	S03 17.55	102 08.41	N12 18.46	035 21.53	N23 27.05	064 24.57	N20 11.78	147 02.09	S06 37.39	266 50.79	09.49	S13 46.18	12.27	59.10
23	146 32.46	150 42.48	S03 16.27	117 09.19	N12 19.10	050 23.98	N23 27.05	079 26.93	N20 11.80	162 02.22	S06 36.43	281 19.28	09.48	S13 58.45	12.17	59.06
		v -0.39	d 1.27	v 0.78	d 0.65	v 2.45	d 0.00	v 2.35	d 0.03	v 0.13	d 0.96	SD	16.44	16.21		
		HP 0.09		HP 0.08						SD 16.13	HP 0.15					

Monday March 04, 2002 through Tuesday March 05, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
04 00	161 34.92	165 42.10	S03 15.00	132 09.96	N12 19.74	065 26.42	N23 27.06	094 29.28	N20 11.83	177 02.36	S06 35.47	295 47.76	09.46	S14 10.62	12.08	59.03
01	176 37.38	180 41.72	S03 13.73	147 10.74	N12 20.38	080 28.86	N23 27.06	109 31.63	N20 11.86	192 02.49	S06 34.51	310 16.22	09.45	S14 22.69	11.98	58.99
02	191 39.85	195 41.33	S03 12.46	162 11.52	N12 21.02	095 31.30	N23 27.06	124 33.98	N20 11.89	207 02.63	S06 33.55	324 44.67	09.43	S14 34.67	11.88	58.95
03	206 42.31	210 40.95	S03 11.19	177 12.29	N12 21.66	110 33.75	N23 27.06	139 36.32	N20 11.91	222 02.76	S06 32.59	339 13.10	09.42	S14 46.55	11.78	58.91
04	221 44.78	225 40.56	S03 09.91	192 13.07	N12 22.30	125 36.19	N23 27.07	154 38.67	N20 11.94	237 02.90	S06 31.63	353 41.52	09.40	S14 58.33	11.68	58.87
05	236 47.24	240 40.18	S03 08.64	207 13.85	N12 22.94	140 38.63	N23 27.07	169 41.02	N20 11.97	252 03.03	S06 30.67	008 09.92	09.38	S15 10.02	11.58	58.83
06	251 49.70	255 39.80	S03 07.37	222 14.62	N12 23.58	155 41.07	N23 27.07	184 43.37	N20 12.00	267 03.17	S06 29.71	022 38.30	09.37	S15 21.60	11.48	58.80
07	266 52.17	270 39.41	S03 06.10	237 15.40	N12 24.22	170 43.51	N23 27.08	199 45.72	N20 12.02	282 03.30	S06 28.75	037 06.67	09.35	S15 33.08	11.38	58.76
08	281 54.63	285 39.03	S03 04.82	252 16.18	N12 24.86	185 45.95	N23 27.08	214 48.07	N20 12.05	297 03.44	S06 27.78	051 35.02	09.34	S15 44.45	11.27	58.72
09	296 57.10	300 38.65	S03 03.55	267 16.95	N12 25.50	200 48.39	N23 27.08	229 50.42	N20 12.08	312 03.58	S06 26.82	066 03.36	09.32	S15 55.72	11.17	58.68
10	311 59.56	315 38.27	S03 02.28	282 17.73	N12 26.14	215 50.83	N23 27.09	244 52.77	N20 12.10	327 03.71	S06 25.86	080 31.68	09.30	S16 06.89	11.06	58.64
11	327 02.02	330 37.88	S03 01.00	297 18.50	N12 26.78	230 53.27	N23 27.09	259 55.12	N20 12.13	342 03.85	S06 24.90	094 59.98	09.28	S16 17.96	10.96	58.60
12	342 04.49	345 37.50	S02 59.73	312 19.28	N12 27.42	245 55.71	N23 27.09	274 57.46	N20 12.16	357 03.99	S06 23.94	109 28.26	09.27	S16 28.91	10.85	58.56
13	357 06.95	000 37.12	S02 58.46	327 20.05	N12 28.06	260 58.14	N23 27.10	289 59.81	N20 12.19	012 04.12	S06 22.97	123 56.53	09.25	S16 39.76	10.74	58.53
14	012 09.42	015 36.74	S02 57.18	342 20.83	N12 28.70	276 00.58	N23 27.10	305 02.16	N20 12.21	027 04.26	S06 22.01	138 24.78	09.23	S16 50.50	10.63	58.49
15	027 11.88	030 36.35	S02 55.91	357 21.60	N12 29.34	291 03.02	N23 27.10	320 04.51	N20 12.24	042 04.40	S06 21.05	152 53.01	09.21	S17 01.13	10.52	58.45
16	042 14.35	045 35.97	S02 54.63	012 22.38	N12 29.98	306 05.46	N23 27.11	335 06.85	N20 12.27	057 04.54	S06 20.08	167 21.22	09.20	S17 11.65	10.41	58.41
17	057 16.81	060 35.59	S02 53.36	027 23.16	N12 30.61	321 07.89	N23 27.11	350 09.20	N20 12.30	072 04.67	S06 19.12	181 49.42	09.18	S17 22.07	10.30	58.37
18	072 19.27	075 35.21	S02 52.08	042 23.93	N12 31.25	336 10.33	N23 27.11	005 11.55	N20 12.32	087 04.81	S06 18.16	196 17.60	09.16	S17 32.37	10.19	58.33
19	087 21.74	090 34.83	S02 50.81	057 24.71	N12 31.89	351 12.76	N23 27.11	020 13.89	N20 12.35	102 04.95	S06 17.19	210 45.76	09.14	S17 42.55	10.08	58.29
20	102 24.20	105 34.45	S02 49.54	072 25.48	N12 32.53	006 15.20	N23 27.12	035 16.24	N20 12.38	117 05.09	S06 16.23	225 13.90	09.12	S17 52.63	09.96	58.26
21	117 26.67	120 34.07	S02 48.26	087 26.26	N12 33.16	021 17.63	N23 27.12	050 18.59	N20 12.41	132 05.23	S06 15.27	239 42.02	09.11	S18 02.59	09.85	58.22
22	132 29.13	135 33.69	S02 46.99	102 27.03	N12 33.80	036 20.07	N23 27.12	065 20.93	N20 12.43	147 05.36	S06 14.30	254 10.13	09.09	S18 12.44	09.73	58.18
23	147 31.59	150 33.31	S02 45.71	117 27.81	N12 34.44	051 22.50	N23 27.13	080 23.28	N20 12.46	162 05.50	S06 13.34	268 38.22	09.07	S18 22.17	09.62	58.14
05 00	162 34.06	165 32.92	S02 44.43	132 28.58	N12 35.08	066 24.94	N23 27.13	095 25.62	N20 12.49	177 05.64	S06 12.38	283 06.29	09.05	S18 31.78	09.50	58.10
01	177 36.52	180 32.54	S02 43.16	147 29.35	N12 35.71	081 27.37	N23 27.13	110 27.97	N20 12.52	192 05.78	S06 11.41	297 34.34	09.04	S18 41.28	09.38	58.06
02	192 38.99	195 32.16	S02 41.88	162 30.13	N12 36.35	096 29.80	N23 27.14	125 30.31	N20 12.55	207 05.92	S06 10.45	312 02.38	09.02	S18 50.67	09.26	58.03
03	207 41.45	210 31.78	S02 40.61	177 30.90	N12 36.98	111 32.24	N23 27.14	140 32.66	N20 12.57	222 06.06	S06 09.48	326 30.40	09.00	S18 59.93	09.15	57.99
04	222 43.91	225 31.40	S02 39.33	192 31.68	N12 37.62	126 34.67	N23 27.14	155 35.00	N20 12.60	237 06.20	S06 08.52	340 58.40	08.98	S19 09.08	09.03	57.95
05	237 46.38	240 31.02	S02 38.06	207 32.45	N12 38.26	141 37.10	N23 27.14	170 37.35	N20 12.63	252 06.34	S06 07.55	355 26.38	08.97	S19 18.10	08.91	57.91
06	252 48.84	255 30.64	S02 36.78	222 33.23	N12 38.89	156 39.53	N23 27.15	185 39.69	N20 12.66	267 06.48	S06 06.59	009 54.35	08.95	S19 27.01	08.79	57.87
07	267 51.31	270 30.27	S02 35.50	237 34.00	N12 39.53	171 41.96	N23 27.15	200 42.04	N20 12.68	282 06.62	S06 05.62	024 22.30	08.93	S19 35.80	08.67	57.84
08	282 53.77	285 29.89	S02 34.23	252 34.77	N12 40.16	186 44.40	N23 27.15	215 44.38	N20 12.71	297 06.76	S06 04.66	038 50.24	08.92	S19 44.46	08.54	57.80
09	297 56.24	300 29.51	S02 32.95	267 35.55	N12 40.80	201 46.83	N23 27.15	230 46.73	N20 12.74	312 06.90	S06 03.69	053 18.15	08.90	S19 53.00	08.42	57.76
10	312 58.70	315 29.13	S02 31.67	282 36.32	N12 41.43	216 49.26	N23 27.16	245 49.07	N20 12.77	327 07.04	S06 02.72	067 46.06	08.89	S20 01.43	08.30	57.72
11	328 01.16	330 28.75	S02 30.40	297 37.10	N12 42.07	231 51.69	N23 27.16	260 51.41	N20 12.80	342 07.18	S06 01.76	082 13.94	08.87	S20 09.72	08.18	57.69
12	343 03.63	345 28.37	S02 29.12	312 37.87	N12 42.70	246 54.12	N23 27.16	275 53.76	N20 12.82	357 07.32	S06 00.79	096 41.81	08.86	S20 17.90	08.05	57.65
13	358 06.09	000 27.99	S02 27.84	327 38.64	N12 43.33	261 56.54	N23 27.17	290 56.10	N20 12.85	012 07.47	S05 59.83	111 09.67	08.84	S20 25.95	07.93	57.61
14	013 08.56	015 27.61	S02 26.57	342 39.42	N12 43.97	276 58.97	N23 27.17	305 58.44	N20 12.88	027 07.61	S05 58.86	125 37.51	08.83	S20 33.88	07.80	57.58
15	028 11.02	030 27.23	S02 25.29	357 40.19	N12 44.60	292 01.40	N23 27.17	321 00.78	N20 12.91	042 07.75	S05 57.89	140 05.34	08.81	S20 41.68	07.68	57.54
16	043 13.48	045 26.86	S02 24.01	012 40.96	N12 45.23	307 03.83	N23 27.17	336 03.13	N20 12.94	057 07.89	S05 56.93	154 33.15	08.80	S20 49.36	07.55	57.50
17	058 15.95	060 26.48	S02 22.73	027 41.74	N12 45.87	322 06.26	N23 27.18	351 05.47	N20 12.97	072 08.03	S05 55.96	169 00.95	08.79	S20 56.91	07.42	57.46
18	073 18.41	075 26.10	S02 21.46	042 42.51	N12 46.50	337 08.68	N23 27.18	006 07.81	N20 12.99	087 08.17	S05 54.99	183 28.74	08.77	S21 04.33	07.30	57.43
19	088 20.88	090 25.72	S02 20.18	057 43.28	N12 47.13	352 11.11	N23 27.18	021 10.15	N20 13.02	102 08.32	S05 54.03	197 56.51	08.76	S21 11.63	07.17	57.39
20	103 23.34	105 25.35	S02 18.90	072 44.06	N12 47.77	007 13.54	N23 27.18	036 12.50	N20 13.05	117 08.46	S05 53.06	212 24.28	08.75	S21 18.80	07.04	57.36
21	118 25.81	120 24.97	S02 17.62	087 44.83	N12 48.40	022 15.96	N23 27.19	051 14.84	N20 13.08	132 08.60	S05 52.09	226 52.03	08.74	S21 25.84	06.91	57.32
22	133 28.27	135 24.59	S02 16.34	102 45.60	N12 49.03	037 18.39	N23 27.19	066 17.18	N20 13.11	147 08.75	S05 51.12	241 19.77	08.73	S21 32.75	06.79	57.28
23	148 30.73	150 24.21	S02 15.06	117 46.37	N12 49.66	052 20.82	N23 27.19	081 19.52	N20 13.13	162 08.89	S05 50.16	255 47.49	08.72	S21 39.54	06.66	57.25
		v -0.38	d 1.28	v 0.77	d 0.64	v 2.43	d 0.00	v 2.35	d 0.03	v 0.14	d 0.96	SD	15.96	15.71		
		HP 0.09		HP 0.07						SD 16.13	HP 0.15					

Wednesday March 06, 2002 through Thursday March 07, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
06 00	163 33.20	165 23.84	S02 13.79	132 47.15	N12 50.29	067 23.24	N23 27.19	096 21.86	N20 13.16	177 09.03	S05 49.19	270 15.21	08.71	S21 46.20	06.53	57.21
01	178 35.66	180 23.46	S02 12.51	147 47.92	N12 50.93	082 25.67	N23 27.20	111 24.20	N20 13.19	192 09.18	S05 48.22	284 42.92	08.70	S21 52.72	06.40	57.18
02	193 38.13	195 23.08	S02 11.23	162 48.69	N12 51.56	097 28.09	N23 27.20	126 26.54	N20 13.22	207 09.32	S05 47.25	299 10.62	08.69	S21 59.12	06.27	57.14
03	208 40.59	210 22.71	S02 09.95	177 49.46	N12 52.19	112 30.51	N23 27.20	141 28.88	N20 13.25	222 09.46	S05 46.28	313 38.31	08.68	S22 05.39	06.14	57.11
04	223 43.05	225 22.33	S02 08.67	192 50.24	N12 52.82	127 32.94	N23 27.20	156 31.22	N20 13.28	237 09.61	S05 45.32	328 05.99	08.68	S22 11.53	06.01	57.07
05	238 45.52	240 21.95	S02 07.39	207 51.01	N12 53.45	142 35.36	N23 27.21	171 33.56	N20 13.30	252 09.75	S05 44.35	342 33.67	08.67	S22 17.54	05.88	57.03
06	253 47.98	255 21.58	S02 06.11	222 51.78	N12 54.08	157 37.78	N23 27.21	186 35.90	N20 13.33	267 09.90	S05 43.38	357 01.34	08.66	S22 23.41	05.75	57.00
07	268 50.45	270 21.20	S02 04.83	237 52.55	N12 54.71	172 40.21	N23 27.21	201 38.24	N20 13.36	282 10.04	S05 42.41	011 29.00	08.66	S22 29.16	05.61	56.97
08	283 52.91	285 20.82	S02 03.56	252 53.32	N12 55.34	187 42.63	N23 27.21	216 40.58	N20 13.39	297 10.18	S05 41.44	025 56.66	08.65	S22 34.77	05.48	56.93
09	298 55.37	300 20.45	S02 02.28	267 54.10	N12 55.97	202 45.05	N23 27.22	231 42.92	N20 13.42	312 10.33	S05 40.47	040 24.31	08.65	S22 40.25	05.35	56.90
10	313 57.84	315 20.07	S02 01.00	282 54.87	N12 56.60	217 47.47	N23 27.22	246 45.26	N20 13.45	327 10.47	S05 39.50	054 51.96	08.64	S22 45.60	05.22	56.86
11	329 00.30	330 19.70	S01 59.72	297 55.64	N12 57.23	232 49.89	N23 27.22	261 47.60	N20 13.48	342 10.62	S05 38.53	069 19.60	08.64	S22 50.82	05.09	56.83
12	344 02.77	345 19.32	S01 58.44	312 56.41	N12 57.86	247 52.31	N23 27.22	276 49.94	N20 13.50	357 10.76	S05 37.56	083 47.24	08.64	S22 55.91	04.95	56.79
13	359 05.23	000 18.94	S01 57.16	327 57.18	N12 58.49	262 54.73	N23 27.23	291 52.28	N20 13.53	012 10.91	S05 36.60	098 14.88	08.64	S23 00.86	04.82	56.76
14	014 07.70	015 18.57	S01 55.88	342 57.95	N12 59.12	277 57.15	N23 27.23	306 54.62	N20 13.56	027 11.06	S05 35.63	112 42.52	08.64	S23 05.68	04.69	56.73
15	029 10.16	030 18.19	S01 54.60	357 58.72	N12 59.75	292 59.57	N23 27.23	321 56.96	N20 13.59	042 11.20	S05 34.66	127 10.16	08.64	S23 10.37	04.55	56.69
16	044 12.62	045 17.82	S01 53.32	012 59.50	N13 00.37	308 01.99	N23 27.23	336 59.29	N20 13.62	057 11.35	S05 33.69	141 37.80	08.64	S23 14.92	04.42	56.66
17	059 15.09	060 17.44	S01 52.04	028 00.27	N13 01.00	323 04.41	N23 27.24	352 01.63	N20 13.65	072 11.49	S05 32.72	156 05.44	08.64	S23 19.35	04.29	56.63
18	074 17.55	075 17.07	S01 50.76	043 01.04	N13 01.63	338 06.83	N23 27.24	007 03.97	N20 13.68	087 11.64	S05 31.75	170 33.08	08.64	S23 23.63	04.15	56.59
19	089 20.02	090 16.69	S01 49.48	058 01.81	N13 02.26	353 09.25	N23 27.24	022 06.31	N20 13.70	102 11.79	S05 30.77	185 00.72	08.65	S23 27.79	04.02	56.56
20	104 22.48	105 16.32	S01 48.20	073 02.58	N13 02.89	008 11.66	N23 27.24	037 08.64	N20 13.73	117 11.93	S05 29.80	199 28.37	08.65	S23 31.81	03.89	56.53
21	119 24.94	120 15.95	S01 46.91	088 03.35	N13 03.51	023 14.08	N23 27.24	052 10.98	N20 13.76	132 12.08	S05 28.83	213 56.02	08.66	S23 35.70	03.75	56.50
22	134 27.41	135 15.57	S01 45.63	103 04.12	N13 04.14	038 16.50	N23 27.25	067 13.32	N20 13.79	147 12.23	S05 27.86	228 23.68	08.66	S23 39.45	03.62	56.46
23	149 29.87	150 15.20	S01 44.35	118 04.89	N13 04.77	053 18.91	N23 27.25	082 15.66	N20 13.82	162 12.37	S05 26.89	242 51.34	08.67	S23 43.07	03.49	56.43
07 00	164 32.34	165 14.82	S01 43.07	133 05.66	N13 05.39	068 21.33	N23 27.25	097 17.99	N20 13.85	177 12.52	S05 25.92	257 19.01	08.68	S23 46.56	03.35	56.40
01	179 34.80	180 14.45	S01 41.79	148 06.43	N13 06.02	083 23.75	N23 27.25	112 20.33	N20 13.88	192 12.67	S05 24.95	271 46.68	08.68	S23 49.91	03.22	56.37
02	194 37.27	195 14.07	S01 40.51	163 07.20	N13 06.65	098 26.16	N23 27.25	127 22.66	N20 13.91	207 12.82	S05 23.98	286 14.37	08.69	S23 53.13	03.09	56.34
03	209 39.73	210 13.70	S01 39.23	178 07.97	N13 07.27	113 28.58	N23 27.26	142 25.00	N20 13.94	222 12.97	S05 23.01	300 42.06	08.70	S23 56.22	02.95	56.31
04	224 42.19	225 13.33	S01 37.95	193 08.74	N13 07.90	128 30.99	N23 27.26	157 27.34	N20 13.96	237 13.11	S05 22.04	315 09.76	08.71	S23 59.17	02.82	56.28
05	239 44.66	240 12.95	S01 36.67	208 09.51	N13 08.52	143 33.41	N23 27.26	172 29.67	N20 13.99	252 13.26	S05 21.06	329 37.48	08.73	S24 01.99	02.68	56.25
06	254 47.12	255 12.58	S01 35.38	223 10.28	N13 09.15	158 35.82	N23 27.26	187 32.01	N20 14.02	267 13.41	S05 20.09	344 05.20	08.74	S24 04.67	02.55	56.22
07	269 49.59	270 12.21	S01 34.10	238 11.05	N13 09.78	173 38.23	N23 27.27	202 34.34	N20 14.05	282 13.56	S05 19.12	358 32.94	08.75	S24 07.22	02.42	56.18
08	284 52.05	285 11.83	S01 32.82	253 11.82	N13 10.40	188 40.65	N23 27.27	217 36.68	N20 14.08	297 13.71	S05 18.15	013 00.70	08.77	S24 09.64	02.28	56.15
09	299 54.51	300 11.46	S01 31.54	268 12.59	N13 11.03	203 43.06	N23 27.27	232 39.01	N20 14.11	312 13.86	S05 17.18	027 28.46	08.78	S24 11.92	02.15	56.12
10	314 56.98	315 11.09	S01 30.26	283 13.36	N13 11.65	218 45.47	N23 27.27	247 41.35	N20 14.14	327 14.01	S05 16.20	041 56.25	08.80	S24 14.07	02.02	56.10
11	329 59.44	330 10.71	S01 28.98	298 14.13	N13 12.27	233 47.88	N23 27.27	262 43.68	N20 14.17	342 14.15	S05 15.23	056 24.04	08.82	S24 16.09	01.88	56.07
12	345 01.91	345 10.34	S01 27.69	313 14.90	N13 12.90	248 50.30	N23 27.28	277 46.02	N20 14.20	357 14.30	S05 14.26	070 51.86	08.83	S24 17.98	01.75	56.04
13	000 04.37	000 09.97	S01 26.41	328 15.67	N13 13.52	263 52.71	N23 27.28	292 48.35	N20 14.23	012 14.45	S05 13.29	085 19.69	08.85	S24 19.73	01.62	56.01
14	015 06.84	015 09.59	S01 25.13	343 16.44	N13 14.15	278 55.12	N23 27.28	307 50.68	N20 14.26	027 14.60	S05 12.31	099 47.55	08.87	S24 21.35	01.49	55.98
15	030 09.30	030 09.22	S01 23.85	358 17.21	N13 14.77	293 57.53	N23 27.28	322 53.02	N20 14.29	042 14.75	S05 11.34	114 15.42	08.89	S24 22.83	01.35	55.95
16	045 11.76	045 08.85	S01 22.56	013 17.98	N13 15.39	308 59.94	N23 27.28	337 55.35	N20 14.31	057 14.90	S05 10.37	128 43.31	08.91	S24 24.19	01.22	55.92
17	060 14.23	060 08.48	S01 21.28	028 18.75	N13 16.02	324 02.35	N23 27.28	352 57.69	N20 14.34	072 15.05	S05 09.39	143 11.23	08.94	S24 25.41	01.09	55.89
18	075 16.69	075 08.11	S01 20.00	043 19.52	N13 16.64	339 04.76	N23 27.29	008 00.02	N20 14.37	087 15.20	S05 08.42	157 39.16	08.96	S24 26.50	00.96	55.86
19	090 19.16	090 07.73	S01 18.72	058 20.28	N13 17.26	354 07.17	N23 27.29	023 02.35	N20 14.40	102 15.35	S05 07.45	172 07.12	08.98	S24 27.46	00.83	55.84
20	105 21.62	105 07.36	S01 17.43	073 21.05	N13 17.88	009 09.58	N23 27.29	038 04.68	N20 14.43	117 15.50	S05 06.47	186 35.11	09.01	S24 28.29	00.70	55.81
21	120 24.08	120 06.99	S01 16.15	088 21.82	N13 18.51	024 11.98	N23 27.29	053 07.02	N20 14.46	132 15.66	S05 05.50	201 03.12	09.04	S24 28.98	00.57	55.78
22	135 26.55	135 06.62	S01 14.87	103 22.59	N13 19.13	039 14.39	N23 27.29	068 09.35	N20 14.49	147 15.81	S05 04.53	215 31.16	09.06	S24 29.55	00.43	55.75
23	150 29.01	150 06.25	S01 13.59	118 23.36	N13 19.75	054 16.80	N23 27.30	083 11.68	N20 14.52	162 15.96	S05 03.55	229 59.22	09.09	S24 29.98	00.30	55.73
		v -0.37	d 1.28	v 0.77	d 0.63	v 2.42	d 0.00	v 2.34	d 0.03	v 0.15	d 0.97	SD	15.48	15.27		
		HP 0.09		HP 0.07						SD 16.12	HP 0.15					

Friday March 08, 2002 through Saturday March 09, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
08 00	165 31.48	165 05.87	S01 12.30	133 24.13	N13 20.37	069 19.21	N23 27.30	098 14.01	N20 14.55	177 16.11	S05 02.58	244 27.31	09.12	S24 30.29	00.17	55.70
01	180 33.94	180 05.50	S01 11.02	148 24.90	N13 20.99	084 21.61	N23 27.30	113 16.35	N20 14.58	192 16.26	S05 01.60	258 55.43	09.15	S24 30.46	00.04	55.67
02	195 36.41	195 05.13	S01 09.74	163 25.66	N13 21.62	099 24.02	N23 27.30	128 18.68	N20 14.61	207 16.41	S05 00.63	273 23.58	09.18	S24 30.50	00.08	55.65
03	210 38.87	210 04.76	S01 08.45	178 26.43	N13 22.24	114 26.43	N23 27.30	143 21.01	N20 14.64	222 16.56	S04 59.66	287 51.76	09.21	S24 30.42	00.21	55.62
04	225 41.33	225 04.39	S01 07.17	193 27.20	N13 22.86	129 28.83	N23 27.30	158 23.34	N20 14.67	237 16.72	S04 58.68	302 19.97	09.24	S24 30.21	00.34	55.60
05	240 43.80	240 04.02	S01 05.89	208 27.97	N13 23.48	144 31.24	N23 27.31	173 25.67	N20 14.70	252 16.87	S04 57.71	316 48.21	09.28	S24 29.86	00.47	55.57
06	255 46.26	255 03.65	S01 04.60	223 28.74	N13 24.10	159 33.64	N23 27.31	188 28.00	N20 14.73	267 17.02	S04 56.73	331 16.49	09.31	S24 29.39	00.60	55.54
07	270 48.73	270 03.27	S01 03.32	238 29.50	N13 24.72	174 36.05	N23 27.31	203 30.33	N20 14.76	282 17.17	S04 55.76	345 44.80	09.35	S24 28.79	00.73	55.52
08	285 51.19	285 02.90	S01 02.04	253 30.27	N13 25.34	189 38.45	N23 27.31	218 32.66	N20 14.79	297 17.32	S04 54.78	000 13.14	09.38	S24 28.07	00.85	55.49
09	300 53.65	300 02.53	S01 00.75	268 31.04	N13 25.96	204 40.86	N23 27.31	233 35.00	N20 14.82	312 17.48	S04 53.81	014 41.53	09.42	S24 27.21	00.98	55.47
10	315 56.12	315 02.16	S00 59.47	283 31.81	N13 26.58	219 43.26	N23 27.31	248 37.33	N20 14.85	327 17.63	S04 52.83	029 09.94	09.45	S24 26.24	01.11	55.44
11	330 58.58	330 01.79	S00 58.19	298 32.57	N13 27.20	234 45.66	N23 27.32	263 39.66	N20 14.87	342 17.78	S04 51.86	043 38.40	09.49	S24 25.13	01.23	55.42
12	346 01.05	345 01.42	S00 56.90	313 33.34	N13 27.82	249 48.07	N23 27.32	278 41.99	N20 14.90	357 17.94	S04 50.88	058 06.89	09.53	S24 23.90	01.36	55.40
13	001 03.51	000 01.05	S00 55.62	328 34.11	N13 28.44	264 50.47	N23 27.32	293 44.32	N20 14.93	012 18.09	S04 49.91	072 35.42	09.57	S24 22.54	01.48	55.37
14	016 05.98	015 00.68	S00 54.33	343 34.87	N13 29.05	279 52.87	N23 27.32	308 46.64	N20 14.96	027 18.24	S04 48.93	087 03.99	09.61	S24 21.06	01.61	55.35
15	031 08.44	030 00.31	S00 53.05	358 35.64	N13 29.67	294 55.27	N23 27.32	323 48.97	N20 14.99	042 18.40	S04 47.96	101 32.60	09.65	S24 19.45	01.73	55.33
16	046 10.90	044 59.94	S00 51.77	013 36.41	N13 30.29	309 57.67	N23 27.32	338 51.30	N20 15.02	057 18.55	S04 46.98	116 01.25	09.69	S24 17.72	01.85	55.30
17	061 13.37	059 59.57	S00 50.48	028 37.17	N13 30.91	325 00.08	N23 27.33	353 53.63	N20 15.05	072 18.70	S04 46.00	130 29.95	09.74	S24 15.87	01.98	55.28
18	076 15.83	074 59.20	S00 49.20	043 37.94	N13 31.53	340 02.48	N23 27.33	008 55.96	N20 15.08	087 18.86	S04 45.03	144 58.68	09.78	S24 13.89	02.10	55.26
19	091 18.30	089 58.83	S00 47.91	058 38.71	N13 32.14	355 04.88	N23 27.33	023 58.29	N20 15.11	102 19.01	S04 44.05	159 27.46	09.82	S24 11.79	02.22	55.23
20	106 20.76	104 58.46	S00 46.63	073 39.47	N13 32.76	010 07.28	N23 27.33	039 00.62	N20 15.14	117 19.17	S04 43.08	173 56.29	09.87	S24 09.57	02.34	55.21
21	121 23.22	119 58.09	S00 45.34	088 40.24	N13 33.38	025 09.68	N23 27.33	054 02.95	N20 15.17	132 19.32	S04 42.10	188 25.16	09.91	S24 07.23	02.46	55.19
22	136 25.69	134 57.72	S00 44.06	103 41.01	N13 34.00	040 12.07	N23 27.33	069 05.27	N20 15.20	147 19.48	S04 41.12	202 54.07	09.96	S24 04.77	02.58	55.17
23	151 28.15	149 57.35	S00 42.78	118 41.77	N13 34.61	055 14.47	N23 27.33	084 07.60	N20 15.23	162 19.63	S04 40.15	217 23.03	10.01	S24 02.18	02.70	55.14
09 00	166 30.62	164 56.98	S00 41.49	133 42.54	N13 35.23	070 16.87	N23 27.34	099 09.93	N20 15.26	177 19.79	S04 39.17	231 52.04	10.05	S23 59.48	02.82	55.12
01	181 33.08	179 56.61	S00 40.21	148 43.31	N13 35.85	085 19.27	N23 27.34	114 12.26	N20 15.29	192 19.94	S04 38.19	246 21.09	10.10	S23 56.66	02.94	55.10
02	196 35.54	194 56.24	S00 38.92	163 44.07	N13 36.46	100 21.67	N23 27.34	129 14.59	N20 15.32	207 20.10	S04 37.22	260 50.19	10.15	S23 53.72	03.06	55.08
03	211 38.01	209 55.87	S00 37.64	178 44.84	N13 37.08	115 24.07	N23 27.34	144 16.91	N20 15.35	222 20.25	S04 36.24	275 19.34	10.20	S23 50.66	03.18	55.06
04	226 40.47	224 55.50	S00 36.35	193 45.60	N13 37.69	130 26.46	N23 27.34	159 19.24	N20 15.38	237 20.41	S04 35.26	289 48.54	10.25	S23 47.48	03.29	55.04
05	241 42.94	239 55.13	S00 35.07	208 46.37	N13 38.31	145 28.86	N23 27.34	174 21.57	N20 15.41	252 20.56	S04 34.28	304 17.79	10.30	S23 44.19	03.41	55.02
06	256 45.40	254 54.76	S00 33.78	223 47.13	N13 38.92	160 31.26	N23 27.34	189 23.89	N20 15.44	267 20.72	S04 33.31	318 47.09	10.35	S23 40.78	03.52	55.00
07	271 47.87	269 54.39	S00 32.50	238 47.90	N13 39.54	175 33.65	N23 27.35	204 26.22	N20 15.47	282 20.88	S04 32.33	333 16.45	10.40	S23 37.26	03.64	54.98
08	286 50.33	284 54.02	S00 31.21	253 48.67	N13 40.15	190 36.05	N23 27.35	219 28.55	N20 15.50	297 21.03	S04 31.35	347 45.85	10.46	S23 33.62	03.75	54.96
09	301 52.79	299 53.66	S00 29.93	268 49.43	N13 40.77	205 38.44	N23 27.35	234 30.87	N20 15.53	312 21.19	S04 30.37	002 15.31	10.51	S23 29.86	03.87	54.94
10	316 55.26	314 53.29	S00 28.64	283 50.20	N13 41.38	220 40.84	N23 27.35	249 33.20	N20 15.56	327 21.35	S04 29.40	016 44.81	10.56	S23 26.00	03.98	54.92
11	331 57.72	329 52.92	S00 27.36	298 50.96	N13 42.00	235 43.23	N23 27.35	264 35.52	N20 15.59	342 21.50	S04 28.42	031 14.37	10.61	S23 22.02	04.09	54.90
12	347 00.19	344 52.55	S00 26.07	313 51.73	N13 42.61	250 45.63	N23 27.35	279 37.85	N20 15.63	357 21.66	S04 27.44	045 43.99	10.67	S23 17.92	04.20	54.88
13	002 02.65	359 52.18	S00 24.79	328 52.49	N13 43.22	265 48.02	N23 27.35	294 40.17	N20 15.66	012 21.82	S04 26.46	060 13.66	10.72	S23 13.72	04.31	54.86
14	017 05.11	014 51.81	S00 23.50	343 53.26	N13 43.84	280 50.41	N23 27.35	309 42.50	N20 15.69	027 21.97	S04 25.48	074 43.38	10.78	S23 09.41	04.43	54.84
15	032 07.58	029 51.44	S00 22.22	358 54.02	N13 44.45	295 52.81	N23 27.36	324 44.82	N20 15.72	042 22.13	S04 24.51	089 13.16	10.83	S23 04.98	04.53	54.82
16	047 10.04	044 51.07	S00 20.93	013 54.79	N13 45.06	310 55.20	N23 27.36	339 47.15	N20 15.75	057 22.29	S04 23.53	103 42.99	10.89	S23 00.45	04.64	54.81
17	062 12.51	059 50.71	S00 19.65	028 55.55	N13 45.68	325 57.59	N23 27.36	354 49.47	N20 15.78	072 22.44	S04 22.55	118 12.88	10.95	S22 55.80	04.75	54.79
18	077 14.97	074 50.34	S00 18.36	043 56.31	N13 46.29	340 59.98	N23 27.36	009 51.80	N20 15.81	087 22.60	S04 21.57	132 42.83	11.00	S22 51.05	04.86	54.77
19	092 17.43	089 49.97	S00 17.08	058 57.08	N13 46.90	356 02.37	N23 27.36	024 54.12	N20 15.84	102 22.76	S04 20.59	147 12.83	11.06	S22 46.19	04.97	54.75
20	107 19.90	104 49.60	S00 15.79	073 57.84	N13 47.51	011 04.76	N23 27.36	039 56.45	N20 15.87	117 22.92	S04 19.61	161 42.89	11.12	S22 41.22	05.07	54.73
21	122 22.36	119 49.23	S00 14.51	088 58.61	N13 48.13	026 07.16	N23 27.36	054 58.77	N20 15.90	132 23.08	S04 18.63	176 13.01	11.17	S22 36.15	05.18	54.72
22	137 24.83	134 48.86	S00 13.22	103 59.37	N13 48.74	041 09.55	N23 27.36	070 01.09	N20 15.93	147 23.23	S04 17.66	190 43.18	11.23	S22 30.98	05.28	54.70
23	152 27.29	149 48.50	S00 11.94	119 00.14	N13 49.35	056 11.94	N23 27.36	085 03.42	N20 15.96	162 23.39	S04 16.68	205 13.42	11.29	S22 25.69	05.39	54.68
		v -0.37	d 1.28	v 0.77	d 0.62	v 2.40	d 0.00	v 2.33	d 0.03	v 0.16	d 0.98	SD	15.10	14.96		
		HP 0.09		HP 0.07						SD 16.11	HP 0.15					

Sunday March 10, 2002 through Monday March 11, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
10 00	167 29.76	164 48.13	S00 10.65	134 00.90	N13 49.96	071 14.33	N23 27.36	100 05.74	N20 15.99	177 23.55	S04 15.70	219 43.71	11.35	S22 20.31	05.49	54.67
01	182 32.22	179 47.76	S00 09.36	149 01.66	N13 50.57	086 16.71	N23 27.37	115 08.06	N20 16.02	192 23.71	S04 14.72	234 14.06	11.41	S22 14.82	05.59	54.65
02	197 34.68	194 47.39	S00 08.08	164 02.43	N13 51.18	101 19.10	N23 27.37	130 10.39	N20 16.05	207 23.87	S04 13.74	248 44.46	11.47	S22 09.23	05.69	54.63
03	212 37.15	209 47.02	S00 06.79	179 03.19	N13 51.79	116 21.49	N23 27.37	145 12.71	N20 16.08	222 24.03	S04 12.76	263 14.93	11.53	S22 03.53	05.79	54.62
04	227 39.61	224 46.66	S00 05.51	194 03.95	N13 52.40	131 23.88	N23 27.37	160 15.03	N20 16.11	237 24.19	S04 11.78	277 45.46	11.59	S21 57.74	05.89	54.60
05	242 42.08	239 46.29	S00 04.22	209 04.72	N13 53.01	146 26.27	N23 27.37	175 17.35	N20 16.14	252 24.35	S04 10.80	292 16.04	11.65	S21 51.84	05.99	54.59
06	257 44.54	254 45.92	S00 02.94	224 05.48	N13 53.62	161 28.66	N23 27.37	190 19.68	N20 16.17	267 24.51	S04 09.82	306 46.69	11.71	S21 45.85	06.09	54.57
07	272 47.00	269 45.55	S00 01.65	239 06.24	N13 54.23	176 31.04	N23 27.37	205 22.00	N20 16.20	282 24.67	S04 08.84	321 17.39	11.77	S21 39.76	06.19	54.56
08	287 49.47	284 45.19	S00 00.36	254 07.01	N13 54.84	191 33.43	N23 27.37	220 24.32	N20 16.24	297 24.83	S04 07.86	335 48.16	11.83	S21 33.57	06.29	54.54
09	302 51.93	299 44.82	N00 00.92	269 07.77	N13 55.45	206 35.82	N23 27.37	235 26.64	N20 16.27	312 24.99	S04 06.88	350 18.98	11.89	S21 27.28	06.38	54.53
10	317 54.40	314 44.45	N00 02.21	284 08.53	N13 56.06	221 38.20	N23 27.37	250 28.96	N20 16.30	327 25.15	S04 05.90	004 49.87	11.95	S21 20.90	06.48	54.51
11	332 56.86	329 44.08	N00 03.49	299 09.30	N13 56.67	236 40.59	N23 27.38	265 31.28	N20 16.33	342 25.31	S04 04.92	019 20.82	12.01	S21 14.42	06.57	54.50
12	347 59.32	344 43.72	N00 04.78	314 10.06	N13 57.28	251 42.97	N23 27.38	280 33.61	N20 16.36	357 25.47	S04 03.94	033 51.82	12.07	S21 07.84	06.67	54.48
13	003 01.79	359 43.35	N00 06.06	329 10.82	N13 57.89	266 45.36	N23 27.38	295 35.93	N20 16.39	012 25.63	S04 02.96	048 22.89	12.13	S21 01.17	06.76	54.47
14	018 04.25	014 42.98	N00 07.35	344 11.58	N13 58.49	281 47.74	N23 27.38	310 38.25	N20 16.42	027 25.79	S04 01.98	062 54.02	12.19	S20 54.41	06.85	54.46
15	033 06.72	029 42.61	N00 08.64	359 12.35	N13 59.10	296 50.13	N23 27.38	325 40.57	N20 16.45	042 25.95	S04 01.00	077 25.20	12.25	S20 47.56	06.95	54.44
16	048 09.18	044 42.25	N00 09.92	014 13.11	N13 59.71	311 52.51	N23 27.38	340 42.89	N20 16.48	057 26.11	S04 00.02	091 56.45	12.31	S20 40.61	07.04	54.43
17	063 11.65	059 41.88	N00 11.21	029 13.87	N14 00.32	326 54.89	N23 27.38	355 45.21	N20 16.51	072 26.27	S03 59.04	106 27.76	12.37	S20 33.57	07.13	54.42
18	078 14.11	074 41.51	N00 12.49	044 14.63	N14 00.93	341 57.28	N23 27.38	010 47.53	N20 16.54	087 26.43	S03 58.06	120 59.13	12.43	S20 26.44	07.22	54.40
19	093 16.57	089 41.15	N00 13.78	059 15.40	N14 01.53	356 59.66	N23 27.38	025 49.85	N20 16.57	102 26.59	S03 57.08	135 30.56	12.49	S20 19.23	07.31	54.39
20	108 19.04	104 40.78	N00 15.06	074 16.16	N14 02.14	012 02.04	N23 27.38	040 52.17	N20 16.61	117 26.75	S03 56.10	150 02.06	12.55	S20 11.92	07.39	54.38
21	123 21.50	119 40.41	N00 16.35	089 16.92	N14 02.75	027 04.42	N23 27.38	055 54.49	N20 16.64	132 26.91	S03 55.12	164 33.61	12.61	S20 04.53	07.48	54.36
22	138 23.97	134 40.05	N00 17.64	104 17.68	N14 03.35	042 06.81	N23 27.38	070 56.81	N20 16.67	147 27.08	S03 54.13	179 05.22	12.67	S19 57.05	07.57	54.35
23	153 26.43	149 39.68	N00 18.92	119 18.44	N14 03.96	057 09.19	N23 27.38	085 59.13	N20 16.70	162 27.24	S03 53.15	193 36.89	12.73	S19 49.48	07.65	54.34
11 00	168 28.89	164 39.31	N00 20.21	134 19.21	N14 04.56	072 11.57	N23 27.38	101 01.44	N20 16.73	177 27.40	S03 52.17	208 08.63	12.79	S19 41.83	07.74	54.33
01	183 31.36	179 38.94	N00 21.49	149 19.97	N14 05.17	087 13.95	N23 27.39	116 03.76	N20 16.76	192 27.56	S03 51.19	222 40.42	12.85	S19 34.09	07.82	54.32
02	198 33.82	194 38.58	N00 22.78	164 20.73	N14 05.78	102 16.33	N23 27.39	131 06.08	N20 16.79	207 27.72	S03 50.21	237 12.27	12.91	S19 26.27	07.90	54.30
03	213 36.29	209 38.21	N00 24.07	179 21.49	N14 06.38	117 18.71	N23 27.39	146 08.40	N20 16.82	222 27.89	S03 49.23	251 44.19	12.97	S19 18.37	07.99	54.29
04	228 38.75	224 37.84	N00 25.35	194 22.25	N14 06.99	132 21.09	N23 27.39	161 10.72	N20 16.85	237 28.05	S03 48.25	266 16.16	13.03	S19 10.38	08.07	54.28
05	243 41.21	239 37.48	N00 26.64	209 23.01	N14 07.59	147 23.47	N23 27.39	176 13.04	N20 16.89	252 28.21	S03 47.26	280 48.20	13.09	S19 02.32	08.15	54.27
06	258 43.68	254 37.11	N00 27.92	224 23.77	N14 08.20	162 25.85	N23 27.39	191 15.35	N20 16.92	267 28.37	S03 46.28	295 20.29	13.15	S18 54.17	08.23	54.26
07	273 46.14	269 36.74	N00 29.21	239 24.53	N14 08.80	177 28.22	N23 27.39	206 17.67	N20 16.95	282 28.54	S03 45.30	309 52.44	13.21	S18 45.94	08.31	54.25
08	288 48.61	284 36.38	N00 30.50	254 25.30	N14 09.40	192 30.60	N23 27.39	221 19.99	N20 16.98	297 28.70	S03 44.32	324 24.65	13.27	S18 37.64	08.38	54.24
09	303 51.07	299 36.01	N00 31.78	269 26.06	N14 10.01	207 32.98	N23 27.39	236 22.31	N20 17.01	312 28.86	S03 43.34	338 56.92	13.33	S18 29.25	08.46	54.23
10	318 53.53	314 35.65	N00 33.07	284 26.82	N14 10.61	222 35.36	N23 27.39	251 24.62	N20 17.04	327 29.03	S03 42.35	353 29.25	13.39	S18 20.79	08.54	54.22
11	333 56.00	329 35.28	N00 34.35	299 27.58	N14 11.21	237 37.73	N23 27.39	266 26.94	N20 17.07	342 29.19	S03 41.37	008 01.64	13.45	S18 12.25	08.61	54.21
12	348 58.46	344 34.91	N00 35.64	314 28.34	N14 11.82	252 40.11	N23 27.39	281 29.26	N20 17.10	357 29.35	S03 40.39	022 34.08	13.50	S18 03.63	08.69	54.20
13	004 00.93	359 34.55	N00 36.93	329 29.10	N14 12.42	267 42.49	N23 27.39	296 31.57	N20 17.14	012 29.52	S03 39.41	037 06.59	13.56	S17 54.95	08.76	54.19
14	019 03.39	014 34.18	N00 38.21	344 29.86	N14 13.02	282 44.86	N23 27.39	311 33.89	N20 17.17	027 29.68	S03 38.43	051 39.15	13.62	S17 46.18	08.84	54.18
15	034 05.86	029 33.81	N00 39.50	359 30.62	N14 13.63	297 47.24	N23 27.39	326 36.21	N20 17.20	042 29.85	S03 37.44	066 11.77	13.68	S17 37.34	08.91	54.17
16	049 08.32	044 33.45	N00 40.78	014 31.38	N14 14.23	312 49.61	N23 27.39	341 38.52	N20 17.23	057 30.01	S03 36.46	080 44.44	13.73	S17 28.43	08.98	54.16
17	064 10.78	059 33.08	N00 42.07	029 32.14	N14 14.83	327 51.99	N23 27.39	356 40.84	N20 17.26	072 30.17	S03 35.48	095 17.18	13.79	S17 19.45	09.05	54.15
18	079 13.25	074 32.71	N00 43.36	044 32.90	N14 15.43	342 54.36	N23 27.39	011 43.15	N20 17.29	087 30.34	S03 34.49	109 49.97	13.84	S17 10.40	09.12	54.14
19	094 15.71	089 32.35	N00 44.64	059 33.66	N14 16.03	357 56.74	N23 27.39	026 45.47	N20 17.32	102 30.50	S03 33.51	124 22.81	13.90	S17 01.28	09.19	54.13
20	109 18.18	104 31.98	N00 45.93	074 34.42	N14 16.64	012 59.11	N23 27.39	041 47.79	N20 17.36	117 30.67	S03 32.53	138 55.71	13.96	S16 52.08	09.26	54.13
21	124 20.64	119 31.62	N00 47.21	089 35.18	N14 17.24	028 01.48	N23 27.39	056 50.10	N20 17.39	132 30.83	S03 31.55	153 28.67	14.01	S16 42.82	09.33	54.12
22	139 23.10	134 31.25	N00 48.50	104 35.94	N14 17.84	043 03.86	N23 27.39	071 52.42	N20 17.42	147 31.00	S03 30.56	168 01.68	14.07	S16 33.49	09.40	54.11
23	154 25.57	149 30.88	N00 49.79	119 36.70	N14 18.44	058 06.23	N23 27.39	086 54.73	N20 17.45	162 31.16	S03 29.58	182 34.74	14.12	S16 24.10	09.46	54.10
		v -0.37	d 1.29	v 0.76	d 0.61	v 2.38	d 0.00	v 2.32	d 0.03	v 0.16	d 0.98	SD	14.85	14.77		
		HP 0.09		HP 0.07						SD 16.10	HP 0.15					

Tuesday March 12, 2002 through Wednesday March 13, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
12 00	169 28.03	164 30.52	N00 51.07	134 37.46	N14 19.04	073 08.60	N23 27.39	101 57.04	N20 17.48	177 31.33	S03 28.60	197 07.86	14.17	S16 14.63	09.53	54.09
01	184 30.50	179 30.15	N00 52.36	149 38.22	N14 19.64	088 10.97	N23 27.40	116 59.36	N20 17.51	192 31.49	S03 27.61	211 41.04	14.23	S16 05.11	09.59	54.09
02	199 32.96	194 29.79	N00 53.64	164 38.98	N14 20.24	103 13.34	N23 27.40	132 01.67	N20 17.55	207 31.66	S03 26.63	226 14.26	14.28	S15 55.51	09.66	54.08
03	214 35.42	209 29.42	N00 54.93	179 39.73	N14 20.84	118 15.72	N23 27.40	147 03.99	N20 17.58	222 31.82	S03 25.65	240 47.54	14.33	S15 45.86	09.72	54.07
04	229 37.89	224 29.05	N00 56.22	194 40.49	N14 21.44	133 18.09	N23 27.40	162 06.30	N20 17.61	237 31.99	S03 24.66	255 20.88	14.38	S15 36.14	09.78	54.07
05	244 40.35	239 28.69	N00 57.50	209 41.25	N14 22.04	148 20.46	N23 27.40	177 08.61	N20 17.64	252 32.15	S03 23.68	269 54.26	14.44	S15 26.36	09.84	54.06
06	259 42.82	254 28.32	N00 58.79	224 42.01	N14 22.64	163 22.83	N23 27.40	192 10.93	N20 17.67	267 32.32	S03 22.70	284 27.70	14.49	S15 16.51	09.90	54.05
07	274 45.28	269 27.96	N01 00.07	239 42.77	N14 23.24	178 25.20	N23 27.40	207 13.24	N20 17.70	282 32.49	S03 21.71	299 01.19	14.54	S15 06.61	09.96	54.05
08	289 47.74	284 27.59	N01 01.36	254 43.53	N14 23.84	193 27.57	N23 27.40	222 15.55	N20 17.74	297 32.65	S03 20.73	313 34.72	14.59	S14 56.65	10.02	54.04
09	304 50.21	299 27.22	N01 02.64	269 44.29	N14 24.43	208 29.94	N23 27.40	237 17.87	N20 17.77	312 32.82	S03 19.75	328 08.31	14.64	S14 46.62	10.08	54.03
10	319 52.67	314 26.86	N01 03.93	284 45.05	N14 25.03	223 32.30	N23 27.40	252 20.18	N20 17.80	327 32.99	S03 18.76	342 41.95	14.69	S14 36.54	10.14	54.03
11	334 55.14	329 26.49	N01 05.22	299 45.80	N14 25.63	238 34.67	N23 27.40	267 22.49	N20 17.83	342 33.15	S03 17.78	357 15.64	14.74	S14 26.40	10.20	54.02
12	349 57.60	344 26.13	N01 06.50	314 46.56	N14 26.23	253 37.04	N23 27.40	282 24.81	N20 17.86	357 33.32	S03 16.79	011 49.37	14.78	S14 16.21	10.25	54.01
13	005 00.06	359 25.76	N01 07.79	329 47.32	N14 26.83	268 39.41	N23 27.40	297 27.12	N20 17.89	012 33.49	S03 15.81	026 23.16	14.83	S14 05.95	10.31	54.01
14	020 02.53	014 25.39	N01 09.07	344 48.08	N14 27.42	283 41.77	N23 27.40	312 29.43	N20 17.93	027 33.65	S03 14.83	040 56.99	14.88	S13 55.65	10.36	54.00
15	035 04.99	029 25.03	N01 10.36	359 48.84	N14 28.02	298 44.14	N23 27.40	327 31.74	N20 17.96	042 33.82	S03 13.84	055 30.87	14.93	S13 45.29	10.42	54.00
16	050 07.46	044 24.66	N01 11.64	014 49.59	N14 28.62	313 46.51	N23 27.40	342 34.05	N20 17.99	057 33.99	S03 12.86	070 04.80	14.97	S13 34.87	10.47	53.99
17	065 09.92	059 24.30	N01 12.93	029 50.35	N14 29.21	328 48.87	N23 27.40	357 36.37	N20 18.02	072 34.15	S03 11.87	084 38.77	15.02	S13 24.40	10.52	53.99
18	080 12.38	074 23.93	N01 14.22	044 51.11	N14 29.81	343 51.24	N23 27.40	012 38.68	N20 18.05	087 34.32	S03 10.89	099 12.79	15.06	S13 13.88	10.57	53.98
19	095 14.85	089 23.57	N01 15.50	059 51.87	N14 30.41	358 53.61	N23 27.40	027 40.99	N20 18.09	102 34.49	S03 09.90	113 46.85	15.11	S13 03.31	10.62	53.98
20	110 17.31	104 23.20	N01 16.79	074 52.63	N14 31.00	013 55.97	N23 27.40	042 43.30	N20 18.12	117 34.66	S03 08.92	128 20.95	15.15	S12 52.69	10.67	53.97
21	125 19.78	119 22.83	N01 18.07	089 53.38	N14 31.60	028 58.33	N23 27.40	057 45.61	N20 18.15	132 34.82	S03 07.94	142 55.11	15.19	S12 42.02	10.72	53.97
22	140 22.24	134 22.47	N01 19.36	104 54.14	N14 32.19	044 00.70	N23 27.40	072 47.92	N20 18.18	147 34.99	S03 06.95	157 29.30	15.24	S12 31.29	10.77	53.97
23	155 24.71	149 22.10	N01 20.64	119 54.90	N14 32.79	059 03.06	N23 27.40	087 50.23	N20 18.21	162 35.16	S03 05.97	172 03.54	15.28	S12 20.52	10.82	53.96
13 00	170 27.17	164 21.74	N01 21.93	134 55.65	N14 33.38	074 05.43	N23 27.40	102 52.54	N20 18.25	177 35.33	S03 04.98	186 37.81	15.32	S12 09.71	10.86	53.96
01	185 29.63	179 21.37	N01 23.21	149 56.41	N14 33.98	089 07.79	N23 27.40	117 54.85	N20 18.28	192 35.50	S03 04.00	201 12.13	15.36	S11 58.84	10.91	53.95
02	200 32.10	194 21.01	N01 24.50	164 57.17	N14 34.57	104 10.15	N23 27.40	132 57.16	N20 18.31	207 35.66	S03 03.01	215 46.49	15.40	S11 47.93	10.96	53.95
03	215 34.56	209 20.64	N01 25.78	179 57.93	N14 35.17	119 12.51	N23 27.39	147 59.47	N20 18.34	222 35.83	S03 02.03	230 20.90	15.44	S11 36.98	11.00	53.95
04	230 37.03	224 20.27	N01 27.07	194 58.68	N14 35.76	134 14.88	N23 27.39	163 01.78	N20 18.37	237 36.00	S03 01.04	244 55.34	15.48	S11 25.98	11.04	53.94
05	245 39.49	239 19.91	N01 28.35	209 59.44	N14 36.36	149 17.24	N23 27.39	178 04.09	N20 18.41	252 36.17	S03 00.06	259 29.82	15.52	S11 14.94	11.09	53.94
06	260 41.95	254 19.54	N01 29.64	225 00.19	N14 36.95	164 19.60	N23 27.39	193 06.40	N20 18.44	267 36.34	S02 59.07	274 04.33	15.56	S11 03.85	11.13	53.94
07	275 44.42	269 19.18	N01 30.92	240 00.95	N14 37.54	179 21.96	N23 27.39	208 08.71	N20 18.47	282 36.51	S02 58.09	288 38.89	15.59	S10 52.72	11.17	53.94
08	290 46.88	284 18.81	N01 32.21	255 01.71	N14 38.14	194 24.32	N23 27.39	223 11.02	N20 18.50	297 36.68	S02 57.10	303 13.48	15.63	S10 41.55	11.21	53.93
09	305 49.35	299 18.45	N01 33.49	270 02.46	N14 38.73	209 26.68	N23 27.39	238 13.33	N20 18.54	312 36.85	S02 56.12	317 48.11	15.66	S10 30.34	11.25	53.93
10	320 51.81	314 18.08	N01 34.78	285 03.22	N14 39.32	224 29.04	N23 27.39	253 15.63	N20 18.57	327 37.02	S02 55.13	332 22.78	15.70	S10 19.09	11.29	53.93
11	335 54.27	329 17.71	N01 36.06	300 03.98	N14 39.91	239 31.40	N23 27.39	268 17.94	N20 18.60	342 37.19	S02 54.14	346 57.48	15.73	S10 07.80	11.33	53.93
12	350 56.74	344 17.35	N01 37.35	315 04.73	N14 40.51	254 33.76	N23 27.39	283 20.25	N20 18.63	357 37.36	S02 53.16	001 32.21	15.77	S09 56.47	11.37	53.92
13	005 59.20	359 16.98	N01 38.63	330 05.49	N14 41.10	269 36.12	N23 27.39	298 22.56	N20 18.67	012 37.52	S02 52.17	016 06.98	15.80	S09 45.10	11.40	53.92
14	021 01.67	014 16.62	N01 39.92	345 06.24	N14 41.69	284 38.48	N23 27.39	313 24.87	N20 18.70	027 37.69	S02 51.19	030 41.78	15.83	S09 33.70	11.44	53.92
15	036 04.13	029 16.25	N01 41.20	000 07.00	N14 42.28	299 40.84	N23 27.39	328 27.17	N20 18.73	042 37.86	S02 50.20	045 16.61	15.87	S09 22.26	11.48	53.92
16	051 06.59	044 15.88	N01 42.49	015 07.75	N14 42.87	314 43.19	N23 27.39	343 29.48	N20 18.76	057 38.03	S02 49.22	059 51.48	15.90	S09 10.78	11.51	53.92
17	066 09.06	059 15.52	N01 43.77	030 08.51	N14 43.46	329 45.55	N23 27.39	358 31.79	N20 18.79	072 38.20	S02 48.23	074 26.37	15.93	S08 59.27	11.54	53.92
18	081 11.52	074 15.15	N01 45.06	045 09.27	N14 44.06	344 47.91	N23 27.39	013 34.10	N20 18.83	087 38.37	S02 47.25	089 01.30	15.96	S08 47.73	11.58	53.92
19	096 13.99	089 14.79	N01 46.34	060 10.02	N14 44.65	359 50.27	N23 27.39	028 36.40	N20 18.86	102 38.55	S02 46.26	103 36.26	15.99	S08 36.15	11.61	53.91
20	111 16.45	104 14.42	N01 47.63	075 10.78	N14 45.24	014 52.62	N23 27.39	043 38.71	N20 18.89	117 38.72	S02 45.27	118 11.24	16.01	S08 24.54	11.64	53.91
21	126 18.91	119 14.06	N01 48.91	090 11.53	N14 45.83	029 54.98	N23 27.39	058 41.02	N20 18.92	132 38.89	S02 44.29	132 46.26	16.04	S08 12.89	11.67	53.91
22	141 21.38	134 13.69	N01 50.20	105 12.29	N14 46.42	044 57.33	N23 27.39	073 43.32	N20 18.96	147 39.06	S02 43.30	147 21.30	16.07	S08 01.22	11.70	53.91
23	156 23.84	149 13.32	N01 51.48	120 13.04	N14 47.01	059 59.69	N23 27.39	088 45.63	N20 18.99	162 39.23	S02 42.32	161 56.36	16.09	S07 49.51	11.73	53.91
		v -0.37	d 1.29	v 0.76	d 0.59	v 2.36	d 0.00	v 2.31	d 0.03	v 0.17	d 0.98	SD	14.72	14.69		
		HP 0.09		HP 0.07						SD 16.09	HP 0.15					

Thursday March 14, 2002 through Friday March 15, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
14 00	171 26.31	164 12.96	N01 52.76	135 13.80	N14 47.60	075 02.04	N23 27.39	103 47.94	N20 19.02	177 39.40	S02 41.33	176 31.46	16.12	S07 37.78	11.76	53.91
01	186 28.77	179 12.59	N01 54.05	150 14.55	N14 48.18	090 04.40	N23 27.39	118 50.24	N20 19.05	192 39.57	S02 40.34	191 06.58	16.14	S07 26.02	11.79	53.91
02	201 31.23	194 12.23	N01 55.33	165 15.31	N14 48.77	105 06.75	N23 27.38	133 52.55	N20 19.09	207 39.74	S02 39.36	205 41.72	16.17	S07 14.23	11.82	53.91
03	216 33.70	209 11.86	N01 56.62	180 16.06	N14 49.36	120 09.11	N23 27.38	148 54.85	N20 19.12	222 39.91	S02 38.37	220 16.89	16.19	S07 02.41	11.85	53.91
04	231 36.16	224 11.49	N01 57.90	195 16.81	N14 49.95	135 11.46	N23 27.38	163 57.16	N20 19.15	237 40.08	S02 37.38	234 52.08	16.21	S06 50.56	11.87	53.91
05	246 38.63	239 11.13	N01 59.19	210 17.57	N14 50.54	150 13.81	N23 27.38	178 59.46	N20 19.19	252 40.26	S02 36.40	249 27.29	16.23	S06 38.69	11.90	53.91
06	261 41.09	254 10.76	N02 00.47	225 18.32	N14 51.13	165 16.17	N23 27.38	194 01.77	N20 19.22	267 40.43	S02 35.41	264 02.52	16.26	S06 26.79	11.92	53.91
07	276 43.55	269 10.40	N02 01.75	240 19.08	N14 51.72	180 18.52	N23 27.38	209 04.07	N20 19.25	282 40.60	S02 34.43	278 37.78	16.28	S06 14.87	11.95	53.92
08	291 46.02	284 10.03	N02 03.04	255 19.83	N14 52.30	195 20.87	N23 27.38	224 06.38	N20 19.28	297 40.77	S02 33.44	293 13.06	16.30	S06 02.92	11.97	53.92
09	306 48.48	299 09.67	N02 04.32	270 20.58	N14 52.89	210 23.22	N23 27.38	239 08.68	N20 19.32	312 40.94	S02 32.45	307 48.35	16.31	S05 50.95	11.99	53.92
10	321 50.95	314 09.30	N02 05.60	285 21.34	N14 53.48	225 25.57	N23 27.38	254 10.99	N20 19.35	327 41.11	S02 31.47	322 23.66	16.33	S05 38.96	12.01	53.92
11	336 53.41	329 08.93	N02 06.89	300 22.09	N14 54.06	240 27.92	N23 27.38	269 13.29	N20 19.38	342 41.29	S02 30.48	336 59.00	16.35	S05 26.95	12.04	53.92
12	351 55.87	344 08.57	N02 08.17	315 22.85	N14 54.65	255 30.27	N23 27.38	284 15.59	N20 19.41	357 41.46	S02 29.49	351 34.34	16.37	S05 14.91	12.06	53.92
13	006 58.34	359 08.20	N02 09.45	330 23.60	N14 55.24	270 32.63	N23 27.38	299 17.90	N20 19.45	012 41.63	S02 28.51	006 09.71	16.38	S05 02.85	12.08	53.92
14	022 00.80	014 07.83	N02 10.74	345 24.35	N14 55.82	285 34.98	N23 27.38	314 20.20	N20 19.48	027 41.80	S02 27.52	020 45.09	16.40	S04 50.78	12.09	53.93
15	037 03.27	029 07.47	N02 12.02	000 25.11	N14 56.41	300 37.32	N23 27.38	329 22.50	N20 19.51	042 41.98	S02 26.53	035 20.49	16.41	S04 38.68	12.11	53.93
16	052 05.73	044 07.10	N02 13.31	015 25.86	N14 56.99	315 39.67	N23 27.37	344 24.81	N20 19.55	057 42.15	S02 25.55	049 55.90	16.42	S04 26.57	12.13	53.93
17	067 08.19	059 06.74	N02 14.59	030 26.61	N14 57.58	330 42.02	N23 27.37	359 27.11	N20 19.58	072 42.32	S02 24.56	064 31.32	16.44	S04 14.44	12.15	53.93
18	082 10.66	074 06.37	N02 15.87	045 27.37	N14 58.17	345 44.37	N23 27.37	014 29.41	N20 19.61	087 42.50	S02 23.57	079 06.75	16.45	S04 02.29	12.16	53.93
19	097 13.12	089 06.00	N02 17.15	060 28.12	N14 58.75	000 46.72	N23 27.37	029 31.72	N20 19.64	102 42.67	S02 22.58	093 42.20	16.46	S03 50.13	12.18	53.94
20	112 15.59	104 05.64	N02 18.44	075 28.87	N14 59.34	015 49.07	N23 27.37	044 34.02	N20 19.68	117 42.84	S02 21.60	108 17.66	16.47	S03 37.95	12.19	53.94
21	127 18.05	119 05.27	N02 19.72	090 29.62	N14 59.92	030 51.41	N23 27.37	059 36.32	N20 19.71	132 43.02	S02 20.61	122 53.13	16.48	S03 25.76	12.21	53.94
22	142 20.51	134 04.90	N02 21.00	105 30.38	N15 00.50	045 53.76	N23 27.37	074 38.62	N20 19.74	147 43.19	S02 19.62	137 28.61	16.49	S03 13.55	12.22	53.95
23	157 22.98	149 04.54	N02 22.29	120 31.13	N15 01.09	060 56.11	N23 27.37	089 40.93	N20 19.78	162 43.36	S02 18.64	152 04.09	16.49	S03 01.33	12.23	53.95
15 00	172 25.44	164 04.17	N02 23.57	135 31.88	N15 01.67	075 58.45	N23 27.37	104 43.23	N20 19.81	177 43.54	S02 17.65	166 39.59	16.50	S02 49.09	12.25	53.95
01	187 27.91	179 03.81	N02 24.85	150 32.63	N15 02.26	091 00.80	N23 27.37	119 45.53	N20 19.84	192 43.71	S02 16.66	181 15.09	16.51	S02 36.84	12.26	53.96
02	202 30.37	194 03.44	N02 26.13	165 33.39	N15 02.84	106 03.15	N23 27.36	134 47.83	N20 19.88	207 43.88	S02 15.67	195 50.59	16.51	S02 24.59	12.27	53.96
03	217 32.83	209 03.07	N02 27.42	180 34.14	N15 03.42	121 05.49	N23 27.36	149 50.13	N20 19.91	222 44.06	S02 14.69	210 26.11	16.52	S02 12.32	12.28	53.96
04	232 35.30	224 02.71	N02 28.70	195 34.89	N15 04.00	136 07.84	N23 27.36	164 52.43	N20 19.94	237 44.23	S02 13.70	225 01.62	16.52	S02 00.04	12.29	53.97
05	247 37.76	239 02.34	N02 29.98	210 35.64	N15 04.59	151 10.18	N23 27.36	179 54.73	N20 19.97	252 44.41	S02 12.71	239 37.15	16.52	S01 47.75	12.30	53.97
06	262 40.23	254 01.97	N02 31.26	225 36.39	N15 05.17	166 12.53	N23 27.36	194 57.03	N20 20.01	267 44.58	S02 11.73	254 12.67	16.53	S01 35.46	12.30	53.98
07	277 42.69	269 01.61	N02 32.55	240 37.15	N15 05.75	181 14.87	N23 27.36	209 59.34	N20 20.04	282 44.75	S02 10.74	268 48.20	16.53	S01 23.15	12.31	53.98
08	292 45.15	284 01.24	N02 33.83	255 37.90	N15 06.33	196 17.21	N23 27.36	225 01.64	N20 20.07	297 44.93	S02 09.75	283 23.72	16.53	S01 10.84	12.32	53.99
09	307 47.62	299 00.87	N02 35.11	270 38.65	N15 06.92	211 19.56	N23 27.36	240 03.94	N20 20.11	312 45.10	S02 08.76	297 59.25	16.53	S00 58.53	12.32	53.99
10	322 50.08	314 00.51	N02 36.39	285 39.40	N15 07.50	226 21.90	N23 27.36	255 06.24	N20 20.14	327 45.28	S02 07.78	312 34.78	16.53	S00 46.20	12.33	54.00
11	337 52.55	329 00.14	N02 37.67	300 40.15	N15 08.08	241 24.24	N23 27.35	270 08.54	N20 20.17	342 45.45	S02 06.79	327 10.31	16.52	S00 33.87	12.33	54.00
12	352 55.01	343 59.77	N02 38.95	315 40.90	N15 08.66	256 26.58	N23 27.35	285 10.84	N20 20.21	357 45.63	S02 05.80	341 45.83	16.52	S00 21.54	12.34	54.01
13	007 57.47	358 59.41	N02 40.24	330 41.66	N15 09.24	271 28.93	N23 27.35	300 13.14	N20 20.24	012 45.80	S02 04.81	356 21.35	16.52	S00 09.21	12.34	54.01
14	022 59.94	013 59.04	N02 41.52	345 42.41	N15 09.82	286 31.27	N23 27.35	315 15.43	N20 20.27	027 45.98	S02 03.82	010 56.87	16.51	N00 03.13	12.34	54.02
15	038 02.40	028 58.67	N02 42.80	000 43.16	N15 10.40	301 33.61	N23 27.35	330 17.73	N20 20.31	042 46.15	S02 02.84	025 32.39	16.51	N00 15.47	12.34	54.02
16	053 04.87	043 58.31	N02 44.08	015 43.91	N15 10.98	316 35.95	N23 27.35	345 20.03	N20 20.34	057 46.33	S02 01.85	040 07.90	16.50	N00 27.82	12.34	54.03
17	068 07.33	058 57.94	N02 45.36	030 44.66	N15 11.56	331 38.29	N23 27.35	000 22.33	N20 20.37	072 46.50	S02 00.86	054 43.40	16.50	N00 40.16	12.34	54.04
18	083 09.79	073 57.57	N02 46.64	045 45.41	N15 12.14	346 40.63	N23 27.35	015 24.63	N20 20.41	087 46.68	S01 59.87	069 18.90	16.49	N00 52.50	12.34	54.04
19	098 12.26	088 57.20	N02 47.92	060 46.16	N15 12.72	001 42.97	N23 27.34	030 26.93	N20 20.44	102 46.85	S01 58.89	083 54.38	16.48	N01 04.85	12.34	54.05
20	113 14.72	103 56.84	N02 49.21	075 46.91	N15 13.30	016 45.31	N23 27.34	045 29.23	N20 20.47	117 47.03	S01 57.90	098 29.86	16.47	N01 17.19	12.34	54.06
21	128 17.19	118 56.47	N02 50.49	090 47.66	N15 13.88	031 47.65	N23 27.34	060 31.53	N20 20.51	132 47.21	S01 56.91	113 05.34	16.46	N01 29.53	12.34	54.06
22	143 19.65	133 56.10	N02 51.77	105 48.41	N15 14.46	046 49.99	N23 27.34	075 33.82	N20 20.54	147 47.38	S01 55.92	127 40.80	16.45	N01 41.86	12.33	54.07
23	158 22.12	148 55.74	N02 53.05	120 49.16	N15 15.03	061 52.32	N23 27.34	090 36.12	N20 20.57	162 47.56	S01 54.93	142 16.25	16.44	N01 54.20	12.33	54.08
		v -0.37	d 1.28	v 0.75	d 0.58	v 2.35	d 0.00	v 2.30	d 0.03	v 0.17	d 0.99	SD	14.69	14.72		
		HP 0.09		HP 0.07						SD 16.08	HP 0.15					

Saturday March 16, 2002 through Sunday March 17, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
16 00	173 24.58	163 55.37	N02 54.33	135 49.91	N15 15.61	076 54.66	N23 27.34	105 38.42	N20 20.61	177 47.73	S01 53.95	156 51.68	16.43	N02 06.53	12.32	54.08
01	188 27.04	178 55.00	N02 55.61	150 50.66	N15 16.19	091 57.00	N23 27.34	120 40.72	N20 20.64	192 47.91	S01 52.96	171 27.11	16.41	N02 18.85	12.32	54.09
02	203 29.51	193 54.63	N02 56.89	165 51.41	N15 16.77	106 59.34	N23 27.33	135 43.01	N20 20.67	207 48.09	S01 51.97	186 02.52	16.40	N02 31.17	12.31	54.10
03	218 31.97	208 54.27	N02 58.17	180 52.16	N15 17.34	122 01.67	N23 27.33	150 45.31	N20 20.71	222 48.26	S01 50.98	200 37.92	16.38	N02 43.48	12.31	54.11
04	233 34.44	223 53.90	N02 59.45	195 52.91	N15 17.92	137 04.01	N23 27.33	165 47.61	N20 20.74	237 48.44	S01 49.99	215 13.30	16.37	N02 55.79	12.30	54.11
05	248 36.90	238 53.53	N03 00.73	210 53.66	N15 18.50	152 06.35	N23 27.33	180 49.90	N20 20.78	252 48.62	S01 49.01	229 48.67	16.35	N03 08.09	12.29	54.12
06	263 39.36	253 53.16	N03 02.01	225 54.41	N15 19.08	167 08.68	N23 27.33	195 52.20	N20 20.81	267 48.79	S01 48.02	244 24.02	16.33	N03 20.38	12.28	54.13
07	278 41.83	268 52.80	N03 03.29	240 55.16	N15 19.65	182 11.02	N23 27.33	210 54.50	N20 20.84	282 48.97	S01 47.03	258 59.35	16.31	N03 32.66	12.27	54.14
08	293 44.29	283 52.43	N03 04.57	255 55.91	N15 20.23	197 13.35	N23 27.33	225 56.79	N20 20.88	297 49.15	S01 46.04	273 34.66	16.29	N03 44.93	12.26	54.15
09	308 46.76	298 52.06	N03 05.85	270 56.66	N15 20.80	212 15.69	N23 27.32	240 59.09	N20 20.91	312 49.32	S01 45.05	288 09.96	16.27	N03 57.19	12.25	54.16
10	323 49.22	313 51.69	N03 07.13	285 57.41	N15 21.38	227 18.02	N23 27.32	256 01.39	N20 20.94	327 49.50	S01 44.07	302 45.23	16.25	N04 09.44	12.24	54.17
11	338 51.68	328 51.32	N03 08.41	300 58.16	N15 21.95	242 20.35	N23 27.32	271 03.68	N20 20.98	342 49.68	S01 43.08	317 20.49	16.23	N04 21.67	12.22	54.18
12	353 54.15	343 50.96	N03 09.69	315 58.91	N15 22.53	257 22.69	N23 27.32	286 05.98	N20 21.01	357 49.85	S01 42.09	331 55.72	16.21	N04 33.90	12.21	54.18
13	008 56.61	358 50.59	N03 10.97	330 59.66	N15 23.10	272 25.02	N23 27.32	301 08.27	N20 21.04	012 50.03	S01 41.10	346 30.93	16.18	N04 46.11	12.20	54.19
14	023 59.08	013 50.22	N03 12.25	346 00.40	N15 23.68	287 27.35	N23 27.32	316 10.57	N20 21.08	027 50.21	S01 40.11	001 06.11	16.16	N04 58.30	12.18	54.20
15	039 01.54	028 49.85	N03 13.53	001 01.15	N15 24.25	302 29.69	N23 27.31	331 12.86	N20 21.11	042 50.39	S01 39.12	015 41.27	16.14	N05 10.49	12.17	54.21
16	054 04.00	043 49.48	N03 14.80	016 01.90	N15 24.83	317 32.02	N23 27.31	346 15.16	N20 21.15	057 50.56	S01 38.14	030 16.41	16.11	N05 22.65	12.15	54.22
17	069 06.47	058 49.12	N03 16.08	031 02.65	N15 25.40	332 34.35	N23 27.31	001 17.45	N20 21.18	072 50.74	S01 37.15	044 51.52	16.08	N05 34.80	12.13	54.23
18	084 08.93	073 48.75	N03 17.36	046 03.40	N15 25.98	347 36.68	N23 27.31	016 19.75	N20 21.21	087 50.92	S01 36.16	059 26.60	16.05	N05 46.94	12.12	54.24
19	099 11.40	088 48.38	N03 18.64	061 04.15	N15 26.55	002 39.01	N23 27.31	031 22.04	N20 21.25	102 51.10	S01 35.17	074 01.65	16.03	N05 59.05	12.10	54.25
20	114 13.86	103 48.01	N03 19.92	076 04.90	N15 27.12	017 41.34	N23 27.31	046 24.34	N20 21.28	117 51.28	S01 34.18	088 36.68	16.00	N06 11.15	12.08	54.27
21	129 16.32	118 47.64	N03 21.20	091 05.64	N15 27.70	032 43.67	N23 27.30	061 26.63	N20 21.32	132 51.45	S01 33.19	103 11.67	15.97	N06 23.22	12.06	54.28
22	144 18.79	133 47.27	N03 22.48	106 06.39	N15 28.27	047 46.00	N23 27.30	076 28.92	N20 21.35	147 51.63	S01 32.21	117 46.64	15.93	N06 35.28	12.04	54.29
23	159 21.25	148 46.90	N03 23.75	121 07.14	N15 28.84	062 48.33	N23 27.30	091 31.22	N20 21.38	162 51.81	S01 31.22	132 21.57	15.90	N06 47.32	12.02	54.30
17 00	174 23.72	163 46.54	N03 25.03	136 07.89	N15 29.41	077 50.66	N23 27.30	106 33.51	N20 21.42	177 51.99	S01 30.23	146 56.48	15.87	N06 59.33	11.99	54.31
01	189 26.18	178 46.17	N03 26.31	151 08.63	N15 29.98	092 52.99	N23 27.30	121 35.80	N20 21.45	192 52.17	S01 29.24	161 31.35	15.84	N07 11.33	11.97	54.32
02	204 28.64	193 45.80	N03 27.59	166 09.38	N15 30.56	107 55.32	N23 27.29	136 38.10	N20 21.48	207 52.35	S01 28.25	176 06.18	15.80	N07 23.30	11.95	54.33
03	219 31.11	208 45.43	N03 28.86	181 10.13	N15 31.13	122 57.65	N23 27.29	151 40.39	N20 21.52	222 52.52	S01 27.26	190 40.98	15.77	N07 35.24	11.92	54.35
04	234 33.57	223 45.06	N03 30.14	196 10.88	N15 31.70	137 59.98	N23 27.29	166 42.68	N20 21.55	237 52.70	S01 26.27	205 15.75	15.73	N07 47.16	11.90	54.36
05	249 36.04	238 44.69	N03 31.42	211 11.62	N15 32.27	153 02.31	N23 27.29	181 44.98	N20 21.59	252 52.88	S01 25.29	219 50.48	15.69	N07 59.06	11.87	54.37
06	264 38.50	253 44.32	N03 32.70	226 12.37	N15 32.84	168 04.63	N23 27.29	196 47.27	N20 21.62	267 53.06	S01 24.30	234 25.17	15.65	N08 10.93	11.84	54.38
07	279 40.96	268 43.95	N03 33.97	241 13.12	N15 33.41	183 06.96	N23 27.28	211 49.56	N20 21.65	282 53.24	S01 23.31	248 59.83	15.62	N08 22.77	11.82	54.40
08	294 43.43	283 43.58	N03 35.25	256 13.87	N15 33.98	198 09.29	N23 27.28	226 51.85	N20 21.69	297 53.42	S01 22.32	263 34.44	15.58	N08 34.59	11.79	54.41
09	309 45.89	298 43.21	N03 36.53	271 14.61	N15 34.55	213 11.61	N23 27.28	241 54.14	N20 21.72	312 53.60	S01 21.33	278 09.02	15.54	N08 46.38	11.76	54.42
10	324 48.36	313 42.84	N03 37.80	286 15.36	N15 35.12	228 13.94	N23 27.28	256 56.44	N20 21.76	327 53.78	S01 20.34	292 43.56	15.49	N08 58.13	11.73	54.43
11	339 50.82	328 42.48	N03 39.08	301 16.11	N15 35.69	243 16.26	N23 27.28	271 58.73	N20 21.79	342 53.96	S01 19.35	307 18.05	15.45	N09 09.86	11.70	54.45
12	354 53.28	343 42.11	N03 40.36	316 16.85	N15 36.26	258 18.59	N23 27.27	287 01.02	N20 21.83	357 54.14	S01 18.36	321 52.51	15.41	N09 21.56	11.67	54.46
13	009 55.75	358 41.74	N03 41.63	331 17.60	N15 36.83	273 20.91	N23 27.27	302 03.31	N20 21.86	012 54.32	S01 17.38	336 26.92	15.37	N09 33.23	11.63	54.48
14	024 58.21	013 41.37	N03 42.91	346 18.35	N15 37.40	288 23.24	N23 27.27	317 05.60	N20 21.89	027 54.49	S01 16.39	351 01.28	15.32	N09 44.86	11.60	54.49
15	040 00.68	028 41.00	N03 44.19	001 19.09	N15 37.97	303 25.56	N23 27.27	332 07.89	N20 21.93	042 54.67	S01 15.40	005 35.60	15.28	N09 56.46	11.57	54.50
16	055 03.14	043 40.63	N03 45.46	016 19.84	N15 38.54	318 27.89	N23 27.27	347 10.18	N20 21.96	057 54.85	S01 14.41	020 09.88	15.23	N10 08.03	11.53	54.52
17	070 05.60	058 40.26	N03 46.74	031 20.58	N15 39.10	333 30.21	N23 27.26	002 12.47	N20 22.00	072 55.03	S01 13.42	034 44.11	15.18	N10 19.56	11.50	54.53
18	085 08.07	073 39.89	N03 48.01	046 21.33	N15 39.67	348 32.53	N23 27.26	017 14.76	N20 22.03	087 55.21	S01 12.43	049 18.29	15.14	N10 31.06	11.46	54.55
19	100 10.53	088 39.52	N03 49.29	061 22.08	N15 40.24	003 34.86	N23 27.26	032 17.05	N20 22.07	102 55.39	S01 11.44	063 52.43	15.09	N10 42.52	11.42	54.56
20	115 13.00	103 39.15	N03 50.57	076 22.82	N15 40.81	018 37.18	N23 27.26	047 19.34	N20 22.10	117 55.57	S01 10.46	078 26.51	15.04	N10 53.94	11.39	54.58
21	130 15.46	118 38.78	N03 51.84	091 23.57	N15 41.37	033 39.50	N23 27.25	062 21.63	N20 22.13	132 55.75	S01 09.47	093 00.55	14.99	N11 05.33	11.35	54.59
22	145 17.92	133 38.41	N03 53.12	106 24.31	N15 41.94	048 41.82	N23 27.25	077 23.92	N20 22.17	147 55.93	S01 08.48	107 34.54	14.94	N11 16.67	11.31	54.61
23	160 20.39	148 38.04	N03 54.39	121 25.06	N15 42.51	063 44.14	N23 27.25	092 26.21	N20 22.20	162 56.12	S01 07.49	122 08.47	14.88	N11 27.98	11.27	54.63
		v -0.37	d 1.28	v 0.75	d 0.57	v 2.33	d 0.00	v 2.29	d 0.03	v 0.18	d 0.99	SD	14.76	14.84		
		HP 0.09		HP 0.07						SD 16.07	HP 0.15					

Monday March 18, 2002 through Tuesday March 19, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
18 00	175 22.85	163 37.67	N03 55.67	136 25.81	N15 43.07	078 46.46	N23 27.25	107 28.50	N20 22.24	177 56.30	S01 06.50	136 42.36	14.83	N11 39.25	11.23	54.64
01	190 25.32	178 37.29	N03 56.94	151 26.55	N15 43.64	093 48.79	N23 27.25	122 30.79	N20 22.27	192 56.48	S01 05.51	151 16.19	14.78	N11 50.48	11.18	54.66
02	205 27.78	193 36.92	N03 58.21	166 27.30	N15 44.21	108 51.11	N23 27.24	137 33.08	N20 22.31	207 56.66	S01 04.52	165 49.96	14.72	N12 01.66	11.14	54.67
03	220 30.25	208 36.55	N03 59.49	181 28.04	N15 44.77	123 53.43	N23 27.24	152 35.37	N20 22.34	222 56.84	S01 03.53	180 23.69	14.67	N12 12.80	11.10	54.69
04	235 32.71	223 36.18	N04 00.76	196 28.79	N15 45.34	138 55.75	N23 27.24	167 37.66	N20 22.37	237 57.02	S01 02.55	194 57.36	14.61	N12 23.90	11.05	54.71
05	250 35.17	238 35.81	N04 02.04	211 29.53	N15 45.90	153 58.06	N23 27.24	182 39.95	N20 22.41	252 57.20	S01 01.56	209 30.97	14.56	N12 34.95	11.01	54.72
06	265 37.64	253 35.44	N04 03.31	226 30.28	N15 46.47	169 00.38	N23 27.23	197 42.24	N20 22.44	267 57.38	S01 00.57	224 04.52	14.50	N12 45.96	10.96	54.74
07	280 40.10	268 35.07	N04 04.59	241 31.02	N15 47.03	184 02.70	N23 27.23	212 44.52	N20 22.48	282 57.56	S00 59.58	238 38.02	14.44	N12 56.92	10.91	54.76
08	295 42.57	283 34.70	N04 05.86	256 31.77	N15 47.60	199 05.02	N23 27.23	227 46.81	N20 22.51	297 57.74	S00 58.59	253 11.46	14.38	N13 07.83	10.87	54.78
09	310 45.03	298 34.33	N04 07.13	271 32.51	N15 48.16	214 07.34	N23 27.23	242 49.10	N20 22.55	312 57.92	S00 57.60	267 44.84	14.32	N13 18.70	10.82	54.79
10	325 47.49	313 33.96	N04 08.41	286 33.25	N15 48.72	229 09.66	N23 27.22	257 51.39	N20 22.58	327 58.10	S00 56.61	282 18.16	14.26	N13 29.52	10.77	54.81
11	340 49.96	328 33.58	N04 09.68	301 34.00	N15 49.29	244 11.97	N23 27.22	272 53.68	N20 22.62	342 58.29	S00 55.62	296 51.42	14.20	N13 40.28	10.72	54.83
12	355 52.42	343 33.21	N04 10.95	316 34.74	N15 49.85	259 14.29	N23 27.22	287 55.96	N20 22.65	357 58.47	S00 54.63	311 24.62	14.14	N13 51.00	10.67	54.85
13	010 54.89	358 32.84	N04 12.23	331 35.49	N15 50.41	274 16.61	N23 27.22	302 58.25	N20 22.69	012 58.65	S00 53.65	325 57.76	14.08	N14 01.67	10.61	54.87
14	025 57.35	013 32.47	N04 13.50	346 36.23	N15 50.98	289 18.92	N23 27.21	318 00.54	N20 22.72	027 58.83	S00 52.66	340 30.84	14.01	N14 12.28	10.56	54.89
15	040 59.81	028 32.10	N04 14.77	001 36.98	N15 51.54	304 21.24	N23 27.21	333 02.82	N20 22.75	042 59.01	S00 51.67	355 03.85	13.95	N14 22.84	10.51	54.91
16	056 02.28	043 31.73	N04 16.04	016 37.72	N15 52.10	319 23.55	N23 27.21	348 05.11	N20 22.79	057 59.19	S00 50.68	009 36.80	13.88	N14 33.34	10.45	54.92
17	071 04.74	058 31.35	N04 17.32	031 38.46	N15 52.66	334 25.87	N23 27.21	003 07.40	N20 22.82	072 59.38	S00 49.69	024 09.68	13.82	N14 43.80	10.39	54.94
18	086 07.21	073 30.98	N04 18.59	046 39.21	N15 53.23	349 28.18	N23 27.20	018 09.68	N20 22.86	087 59.56	S00 48.70	038 42.50	13.75	N14 54.19	10.34	54.96
19	101 09.67	088 30.61	N04 19.86	061 39.95	N15 53.79	004 30.50	N23 27.20	033 11.97	N20 22.89	102 59.74	S00 47.71	053 15.25	13.68	N15 04.53	10.28	54.98
20	116 12.13	103 30.24	N04 21.13	076 40.69	N15 54.35	019 32.81	N23 27.20	048 14.26	N20 22.93	117 59.92	S00 46.72	067 47.93	13.62	N15 14.81	10.22	55.00
21	131 14.60	118 29.86	N04 22.40	091 41.44	N15 54.91	034 35.13	N23 27.20	063 16.54	N20 22.96	133 00.10	S00 45.74	082 20.55	13.55	N15 25.03	10.16	55.02
22	146 17.06	133 29.49	N04 23.68	106 42.18	N15 55.47	049 37.44	N23 27.19	078 18.83	N20 23.00	148 00.29	S00 44.75	096 53.10	13.48	N15 35.19	10.10	55.04
23	161 19.53	148 29.12	N04 24.95	121 42.92	N15 56.03	064 39.75	N23 27.19	093 21.11	N20 23.03	163 00.47	S00 43.76	111 25.57	13.41	N15 45.29	10.04	55.07
19 00	176 21.99	163 28.75	N04 26.22	136 43.67	N15 56.59	079 42.06	N23 27.19	108 23.40	N20 23.07	178 00.65	S00 42.77	125 57.98	13.34	N15 55.33	09.98	55.09
01	191 24.46	178 28.37	N04 27.49	151 44.41	N15 57.15	094 44.38	N23 27.18	123 25.68	N20 23.10	193 00.83	S00 41.78	140 30.32	13.27	N16 05.31	09.91	55.11
02	206 26.92	193 28.00	N04 28.76	166 45.15	N15 57.71	109 46.69	N23 27.18	138 27.97	N20 23.14	208 01.02	S00 40.79	155 02.59	13.20	N16 15.22	09.85	55.13
03	221 29.38	208 27.63	N04 30.03	181 45.90	N15 58.27	124 49.00	N23 27.18	153 30.25	N20 23.17	223 01.20	S00 39.80	169 34.79	13.12	N16 25.07	09.78	55.15
04	236 31.85	223 27.25	N04 31.30	196 46.64	N15 58.83	139 51.31	N23 27.18	168 32.54	N20 23.21	238 01.38	S00 38.81	184 06.91	13.05	N16 34.85	09.72	55.17
05	251 34.31	238 26.88	N04 32.57	211 47.38	N15 59.39	154 53.62	N23 27.17	183 34.82	N20 23.24	253 01.56	S00 37.83	198 38.97	12.98	N16 44.57	09.65	55.19
06	266 36.78	253 26.51	N04 33.84	226 48.12	N15 59.95	169 55.93	N23 27.17	198 37.11	N20 23.28	268 01.75	S00 36.84	213 10.94	12.90	N16 54.22	09.58	55.22
07	281 39.24	268 26.13	N04 35.11	241 48.87	N16 00.51	184 58.24	N23 27.17	213 39.39	N20 23.31	283 01.93	S00 35.85	227 42.85	12.83	N17 03.81	09.51	55.24
08	296 41.70	283 25.76	N04 36.38	256 49.61	N16 01.07	200 00.55	N23 27.17	228 41.68	N20 23.35	298 02.11	S00 34.86	242 14.68	12.76	N17 13.32	09.44	55.26
09	311 44.17	298 25.39	N04 37.65	271 50.35	N16 01.62	215 02.86	N23 27.16	243 43.96	N20 23.38	313 02.30	S00 33.87	256 46.44	12.68	N17 22.76	09.37	55.28
10	326 46.63	313 25.01	N04 38.92	286 51.09	N16 02.18	230 05.17	N23 27.16	258 46.24	N20 23.42	328 02.48	S00 32.88	271 18.11	12.60	N17 32.13	09.30	55.31
11	341 49.10	328 24.64	N04 40.19	301 51.84	N16 02.74	245 07.48	N23 27.16	273 48.53	N20 23.45	343 02.66	S00 31.89	285 49.72	12.53	N17 41.43	09.23	55.33
12	356 51.56	343 24.27	N04 41.46	316 52.58	N16 03.30	260 09.79	N23 27.15	288 50.81	N20 23.49	358 02.85	S00 30.90	300 21.25	12.45	N17 50.66	09.15	55.35
13	011 54.02	358 23.89	N04 42.73	331 53.32	N16 03.85	275 12.10	N23 27.15	303 53.09	N20 23.52	013 03.03	S00 29.92	314 52.70	12.37	N17 59.81	09.08	55.38
14	026 56.49	013 23.52	N04 44.00	346 54.06	N16 04.41	290 14.41	N23 27.15	318 55.38	N20 23.56	028 03.21	S00 28.93	329 24.07	12.29	N18 08.89	09.00	55.40
15	041 58.95	028 23.14	N04 45.27	001 54.80	N16 04.97	305 16.71	N23 27.14	333 57.66	N20 23.59	043 03.40	S00 27.94	343 55.36	12.22	N18 17.89	08.92	55.43
16	057 01.42	043 22.77	N04 46.53	016 55.55	N16 05.52	320 19.02	N23 27.14	348 59.94	N20 23.63	058 03.58	S00 26.95	358 26.58	12.14	N18 26.82	08.85	55.45
17	072 03.88	058 22.39	N04 47.80	031 56.29	N16 06.08	335 21.33	N23 27.14	004 02.22	N20 23.66	073 03.76	S00 25.96	012 57.71	12.06	N18 35.66	08.77	55.47
18	087 06.34	073 22.02	N04 49.07	046 57.03	N16 06.63	350 23.63	N23 27.14	019 04.51	N20 23.70	088 03.95	S00 24.97	027 28.77	11.98	N18 44.43	08.69	55.50
19	102 08.81	088 21.65	N04 50.34	061 57.77	N16 07.19	005 25.94	N23 27.13	034 06.79	N20 23.73	103 04.13	S00 23.98	041 59.75	11.90	N18 53.12	08.61	55.52
20	117 11.27	103 21.27	N04 51.61	076 58.51	N16 07.75	020 28.25	N23 27.13	049 09.07	N20 23.77	118 04.31	S00 23.00	056 30.64	11.82	N19 01.72	08.52	55.55
21	132 13.74	118 20.90	N04 52.87	091 59.25	N16 08.30	035 30.55	N23 27.13	064 11.35	N20 23.80	133 04.50	S00 22.01	071 01.46	11.73	N19 10.25	08.44	55.57
22	147 16.20	133 20.52	N04 54.14	106 59.99	N16 08.86	050 32.86	N23 27.12	079 13.64	N20 23.84	148 04.68	S00 21.02	085 32.19	11.65	N19 18.69	08.36	55.60
23	162 18.67	148 20.15	N04 55.41	122 00.73	N16 09.41	065 35.16	N23 27.12	094 15.92	N20 23.87	163 04.87	S00 20.03	100 02.85	11.57	N19 27.04	08.27	55.63
		v -0.37	d 1.27	v 0.74	d 0.56	v 2.31	d 0.00	v 2.29	d 0.03	v 0.18	d 0.99	SD	14.94	15.08		
		HP 0.09		HP 0.07						SD 16.07	HP 0.15					

Wednesday March 20, 2002 through Thursday March 21, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
20 00	177 21.13	163 19.77	N04 56.68	137 01.47	N16 09.96	080 37.47	N23 27.12	109 18.20	N20 23.91	178 05.05	S00 19.04	114 33.42	11.49	N19 35.31	08.18	55.65
01	192 23.59	178 19.39	N04 57.94	152 02.22	N16 10.52	095 39.77	N23 27.11	124 20.48	N20 23.94	193 05.23	S00 18.05	129 03.91	11.41	N19 43.50	08.10	55.68
02	207 26.06	193 19.02	N04 59.21	167 02.96	N16 11.07	110 42.07	N23 27.11	139 22.76	N20 23.98	208 05.42	S00 17.06	143 34.31	11.32	N19 51.60	08.01	55.70
03	222 28.52	208 18.64	N05 00.48	182 03.70	N16 11.63	125 44.38	N23 27.11	154 25.04	N20 24.01	223 05.60	S00 16.08	158 04.64	11.24	N19 59.60	07.92	55.73
04	237 30.99	223 18.27	N05 01.74	197 04.44	N16 12.18	140 46.68	N23 27.10	169 27.32	N20 24.05	238 05.79	S00 15.09	172 34.88	11.16	N20 07.52	07.83	55.76
05	252 33.45	238 17.89	N05 03.01	212 05.18	N16 12.73	155 48.98	N23 27.10	184 29.60	N20 24.08	253 05.97	S00 14.10	187 05.04	11.07	N20 15.35	07.74	55.79
06	267 35.91	253 17.52	N05 04.27	227 05.92	N16 13.29	170 51.29	N23 27.10	199 31.88	N20 24.12	268 06.16	S00 13.11	201 35.11	10.99	N20 23.09	07.64	55.81
07	282 38.38	268 17.14	N05 05.54	242 06.66	N16 13.84	185 53.59	N23 27.09	214 34.16	N20 24.15	283 06.34	S00 12.12	216 05.10	10.91	N20 30.73	07.55	55.84
08	297 40.84	283 16.76	N05 06.81	257 07.40	N16 14.39	200 55.89	N23 27.09	229 36.44	N20 24.19	298 06.52	S00 11.13	230 35.01	10.82	N20 38.29	07.46	55.87
09	312 43.31	298 16.39	N05 08.07	272 08.14	N16 14.94	215 58.19	N23 27.09	244 38.72	N20 24.22	313 06.71	S00 10.15	245 04.83	10.74	N20 45.74	07.36	55.90
10	327 45.77	313 16.01	N05 09.34	287 08.88	N16 15.49	231 00.49	N23 27.08	259 41.00	N20 24.26	328 06.89	S00 09.16	259 34.57	10.65	N20 53.10	07.26	55.92
11	342 48.23	328 15.63	N05 10.60	302 09.62	N16 16.05	246 02.79	N23 27.08	274 43.28	N20 24.30	343 07.08	S00 08.17	274 04.22	10.57	N21 00.36	07.17	55.95
12	357 50.70	343 15.26	N05 11.87	317 10.36	N16 16.60	261 05.09	N23 27.08	289 45.56	N20 24.33	358 07.26	S00 07.18	288 33.79	10.49	N21 07.53	07.07	55.98
13	012 53.16	358 14.88	N05 13.13	332 11.10	N16 17.15	276 07.39	N23 27.07	304 47.84	N20 24.37	013 07.45	S00 06.19	303 03.28	10.40	N21 14.60	06.97	56.01
14	027 55.63	013 14.50	N05 14.40	347 11.84	N16 17.70	291 09.69	N23 27.07	319 50.12	N20 24.40	028 07.63	S00 05.20	317 32.68	10.32	N21 21.56	06.86	56.04
15	042 58.09	028 14.13	N05 15.66	002 12.58	N16 18.25	306 11.99	N23 27.07	334 52.40	N20 24.44	043 07.82	S00 04.22	332 01.99	10.23	N21 28.43	06.76	56.07
16	058 00.56	043 13.75	N05 16.92	017 13.31	N16 18.80	321 14.29	N23 27.06	349 54.68	N20 24.47	058 08.00	S00 03.23	346 31.22	10.15	N21 35.19	06.66	56.10
17	073 03.02	058 13.37	N05 18.19	032 14.05	N16 19.35	336 16.59	N23 27.06	004 56.96	N20 24.51	073 08.19	S00 02.24	001 00.37	10.06	N21 41.85	06.55	56.13
18	088 05.48	073 12.99	N05 19.45	047 14.79	N16 19.90	351 18.89	N23 27.06	019 59.23	N20 24.54	088 08.37	S00 01.25	015 29.43	09.98	N21 48.40	06.45	56.16
19	103 07.95	088 12.62	N05 20.71	062 15.53	N16 20.45	006 21.19	N23 27.05	035 01.51	N20 24.58	103 08.56	S00 00.26	029 58.41	09.89	N21 54.85	06.34	56.19
20	118 10.41	103 12.24	N05 21.98	077 16.27	N16 21.00	021 23.48	N23 27.05	050 03.79	N20 24.62	118 08.74	N00 00.72	044 27.30	09.81	N22 01.19	06.24	56.22
21	133 12.88	118 11.86	N05 23.24	092 17.01	N16 21.55	036 25.78	N23 27.05	065 06.07	N20 24.65	133 08.93	N00 01.71	058 56.11	09.72	N22 07.43	06.13	56.25
22	148 15.34	133 11.48	N05 24.50	107 17.75	N16 22.10	051 28.08	N23 27.04	080 08.35	N20 24.69	148 09.12	N00 02.70	073 24.84	09.64	N22 13.56	06.02	56.28
23	163 17.80	148 11.10	N05 25.77	122 18.49	N16 22.64	066 30.38	N23 27.04	095 10.62	N20 24.72	163 09.30	N00 03.69	087 53.48	09.56	N22 19.57	05.91	56.31
21 00	178 20.27	163 10.72	N05 27.03	137 19.23	N16 23.19	081 32.67	N23 27.04	110 12.90	N20 24.76	178 09.49	N00 04.68	102 22.03	09.47	N22 25.48	05.79	56.34
01	193 22.73	178 10.35	N05 28.29	152 19.96	N16 23.74	096 34.97	N23 27.03	125 15.18	N20 24.79	193 09.67	N00 05.66	116 50.51	09.39	N22 31.27	05.68	56.37
02	208 25.20	193 09.97	N05 29.55	167 20.70	N16 24.29	111 37.26	N23 27.03	140 17.46	N20 24.83	208 09.86	N00 06.65	131 18.89	09.31	N22 36.95	05.57	56.40
03	223 27.66	208 09.59	N05 30.81	182 21.44	N16 24.83	126 39.56	N23 27.02	155 19.73	N20 24.86	223 10.04	N00 07.64	145 47.20	09.22	N22 42.52	05.45	56.43
04	238 30.13	223 09.21	N05 32.08	197 22.18	N16 25.38	141 41.85	N23 27.02	170 22.01	N20 24.90	238 10.23	N00 08.63	160 15.42	09.14	N22 47.97	05.34	56.46
05	253 32.59	238 08.83	N05 33.34	212 22.92	N16 25.93	156 44.15	N23 27.02	185 24.29	N20 24.94	253 10.42	N00 09.62	174 43.56	09.06	N22 53.31	05.22	56.50
06	268 35.05	253 08.45	N05 34.60	227 23.65	N16 26.48	171 46.44	N23 27.01	200 26.56	N20 24.97	268 10.60	N00 10.60	189 11.62	08.98	N22 58.53	05.10	56.53
07	283 37.52	268 08.07	N05 35.86	242 24.39	N16 27.02	186 48.74	N23 27.01	215 28.84	N20 25.01	283 10.79	N00 11.59	203 39.60	08.89	N23 03.63	04.98	56.56
08	298 39.98	283 07.69	N05 37.12	257 25.13	N16 27.57	201 51.03	N23 27.01	230 31.11	N20 25.04	298 10.97	N00 12.58	218 07.49	08.81	N23 08.61	04.86	56.59
09	313 42.45	298 07.31	N05 38.38	272 25.87	N16 28.11	216 53.32	N23 27.00	245 33.39	N20 25.08	313 11.16	N00 13.57	232 35.30	08.73	N23 13.47	04.74	56.63
10	328 44.91	313 06.93	N05 39.64	287 26.61	N16 28.66	231 55.62	N23 27.00	260 35.67	N20 25.11	328 11.35	N00 14.55	247 03.04	08.65	N23 18.21	04.62	56.66
11	343 47.37	328 06.55	N05 40.90	302 27.34	N16 29.21	246 57.91	N23 26.99	275 37.94	N20 25.15	343 11.53	N00 15.54	261 30.69	08.57	N23 22.82	04.49	56.69
12	358 49.84	343 06.17	N05 42.16	317 28.08	N16 29.75	262 00.20	N23 26.99	290 40.22	N20 25.19	358 11.72	N00 16.53	275 58.26	08.49	N23 27.32	04.37	56.73
13	013 52.30	358 05.79	N05 43.42	332 28.82	N16 30.29	277 02.49	N23 26.99	305 42.49	N20 25.22	013 11.91	N00 17.52	290 25.76	08.41	N23 31.69	04.24	56.76
14	028 54.77	013 05.41	N05 44.68	347 29.55	N16 30.84	292 04.78	N23 26.98	320 44.77	N20 25.26	028 12.09	N00 18.50	304 53.17	08.34	N23 35.93	04.12	56.79
15	043 57.23	028 05.03	N05 45.94	002 30.29	N16 31.38	307 07.08	N23 26.98	335 47.04	N20 25.29	043 12.28	N00 19.49	319 20.51	08.26	N23 40.05	03.99	56.83
16	058 59.70	043 04.65	N05 47.20	017 31.03	N16 31.93	322 09.37	N23 26.98	350 49.32	N20 25.33	058 12.46	N00 20.48	333 47.77	08.18	N23 44.03	03.86	56.86
17	074 02.16	058 04.27	N05 48.46	032 31.77	N16 32.47	337 11.66	N23 26.97	005 51.59	N20 25.37	073 12.65	N00 21.47	348 14.95	08.11	N23 47.90	03.73	56.89
18	089 04.62	073 03.89	N05 49.72	047 32.50	N16 33.02	352 13.95	N23 26.97	020 53.87	N20 25.40	088 12.84	N00 22.45	002 42.05	08.03	N23 51.63	03.60	56.93
19	104 07.09	088 03.51	N05 50.97	062 33.24	N16 33.56	007 16.24	N23 26.96	035 56.14	N20 25.44	103 13.02	N00 23.44	017 09.08	07.96	N23 55.23	03.47	56.96
20	119 09.55	103 03.13	N05 52.23	077 33.98	N16 34.10	022 18.53	N23 26.96	050 58.42	N20 25.47	118 13.21	N00 24.43	031 36.04	07.88	N23 58.70	03.34	57.00
21	134 12.02	118 02.75	N05 53.49	092 34.71	N16 34.64	037 20.82	N23 26.96	066 00.69	N20 25.51	133 13.40	N00 25.42	046 02.92	07.81	N24 02.04	03.20	57.03
22	149 14.48	133 02.37	N05 54.75	107 35.45	N16 35.19	052 23.10	N23 26.95	081 02.96	N20 25.55	148 13.58	N00 26.40	060 29.73	07.74	N24 05.24	03.07	57.07
23	164 16.94	148 01.98	N05 56.00	122 36.18	N16 35.73	067 25.39	N23 26.95	096 05.24	N20 25.58	163 13.77	N00 27.39	074 56.47	07.66	N24 08.31	02.93	57.10
		v -0.38	d 1.26	v 0.74	d 0.55	v 2.30	d 0.00	v 2.28	d 0.04	v 0.19	d 0.99	SD	15.25	15.45		
		HP 0.09		HP 0.07						SD 16.06	HP 0.15					

Friday March 22, 2002 through Saturday March 23, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
22 00	179 19.41	163 01.60	N05 57.26	137 36.92	N16 36.27	082 27.68	N23 26.94	111 07.51	N20 25.62	178 13.96	N00 28.38	089 23.13	07.59	N24 11.24	02.80	57.14
01	194 21.87	178 01.22	N05 58.52	152 37.66	N16 36.81	097 29.97	N23 26.94	126 09.78	N20 25.65	193 14.15	N00 29.37	103 49.72	07.52	N24 14.04	02.66	57.17
02	209 24.34	193 00.84	N05 59.78	167 38.39	N16 37.35	112 32.26	N23 26.94	141 12.06	N20 25.69	208 14.33	N00 30.35	118 16.25	07.45	N24 16.70	02.52	57.21
03	224 26.80	208 00.46	N06 01.03	182 39.13	N16 37.90	127 34.54	N23 26.93	156 14.33	N20 25.73	223 14.52	N00 31.34	132 42.70	07.39	N24 19.23	02.38	57.24
04	239 29.26	223 00.07	N06 02.29	197 39.86	N16 38.44	142 36.83	N23 26.93	171 16.60	N20 25.76	238 14.71	N00 32.33	147 09.09	07.32	N24 21.61	02.25	57.28
05	254 31.73	237 59.69	N06 03.54	212 40.60	N16 38.98	157 39.12	N23 26.92	186 18.88	N20 25.80	253 14.89	N00 33.31	161 35.41	07.25	N24 23.86	02.10	57.31
06	269 34.19	252 59.31	N06 04.80	227 41.34	N16 39.52	172 41.40	N23 26.92	201 21.15	N20 25.83	268 15.08	N00 34.30	176 01.66	07.19	N24 25.96	01.96	57.35
07	284 36.66	267 58.93	N06 06.06	242 42.07	N16 40.06	187 43.69	N23 26.91	216 23.42	N20 25.87	283 15.27	N00 35.29	190 27.85	07.12	N24 27.93	01.82	57.39
08	299 39.12	282 58.54	N06 07.31	257 42.81	N16 40.60	202 45.98	N23 26.91	231 25.69	N20 25.91	298 15.46	N00 36.27	204 53.97	07.06	N24 29.75	01.68	57.42
09	314 41.59	297 58.16	N06 08.57	272 43.54	N16 41.14	217 48.26	N23 26.91	246 27.97	N20 25.94	313 15.64	N00 37.26	219 20.03	07.00	N24 31.43	01.53	57.46
10	329 44.05	312 57.78	N06 09.82	287 44.28	N16 41.68	232 50.55	N23 26.90	261 30.24	N20 25.98	328 15.83	N00 38.25	233 46.03	06.94	N24 32.96	01.39	57.50
11	344 46.51	327 57.39	N06 11.08	302 45.01	N16 42.22	247 52.83	N23 26.90	276 32.51	N20 26.01	343 16.02	N00 39.23	248 11.97	06.88	N24 34.35	01.24	57.53
12	359 48.98	342 57.01	N06 12.33	317 45.75	N16 42.75	262 55.11	N23 26.89	291 34.78	N20 26.05	358 16.21	N00 40.22	262 37.85	06.82	N24 35.59	01.10	57.57
13	014 51.44	357 56.62	N06 13.58	332 46.48	N16 43.29	277 57.40	N23 26.89	306 37.05	N20 26.09	013 16.39	N00 41.21	277 03.67	06.76	N24 36.69	00.95	57.61
14	029 53.91	012 56.24	N06 14.84	347 47.22	N16 43.83	292 59.68	N23 26.88	321 39.32	N20 26.12	028 16.58	N00 42.19	291 29.43	06.71	N24 37.64	00.80	57.64
15	044 56.37	027 55.86	N06 16.09	002 47.95	N16 44.37	308 01.96	N23 26.88	336 41.59	N20 26.16	043 16.77	N00 43.18	305 55.13	06.65	N24 38.45	00.66	57.68
16	059 58.83	042 55.47	N06 17.34	017 48.69	N16 44.91	323 04.25	N23 26.88	351 43.87	N20 26.20	058 16.96	N00 44.17	320 20.79	06.60	N24 39.10	00.51	57.72
17	075 01.30	057 55.09	N06 18.60	032 49.42	N16 45.44	338 06.53	N23 26.87	006 46.14	N20 26.23	073 17.14	N00 45.15	334 46.38	06.54	N24 39.61	00.36	57.75
18	090 03.76	072 54.70	N06 19.85	047 50.16	N16 45.98	353 08.81	N23 26.87	021 48.41	N20 26.27	088 17.33	N00 46.14	349 11.93	06.49	N24 39.97	00.21	57.79
19	105 06.23	087 54.32	N06 21.10	062 50.89	N16 46.52	008 11.09	N23 26.86	036 50.68	N20 26.31	103 17.52	N00 47.13	003 37.42	06.44	N24 40.17	00.06	57.83
20	120 08.69	102 53.93	N06 22.36	077 51.62	N16 47.06	023 13.38	N23 26.86	051 52.95	N20 26.34	118 17.71	N00 48.11	018 02.86	06.39	N24 40.23	00.10	57.87
21	135 11.16	117 53.55	N06 23.61	092 52.36	N16 47.59	038 15.66	N23 26.85	066 55.22	N20 26.38	133 17.89	N00 49.10	032 28.26	06.35	N24 40.13	00.25	57.90
22	150 13.62	132 53.16	N06 24.86	107 53.09	N16 48.13	053 17.94	N23 26.85	081 57.49	N20 26.41	148 18.08	N00 50.09	046 53.60	06.30	N24 39.89	00.40	57.94
23	165 16.08	147 52.78	N06 26.11	122 53.83	N16 48.66	068 20.22	N23 26.85	096 59.76	N20 26.45	163 18.27	N00 51.07	061 18.90	06.26	N24 39.49	00.55	57.98
23 00	180 18.55	162 52.39	N06 27.36	137 54.56	N16 49.20	083 22.50	N23 26.84	112 02.03	N20 26.49	178 18.46	N00 52.06	075 44.16	06.21	N24 38.93	00.71	58.02
01	195 21.01	177 52.01	N06 28.61	152 55.29	N16 49.74	098 24.78	N23 26.84	127 04.30	N20 26.52	193 18.65	N00 53.04	090 09.37	06.17	N24 38.23	00.86	58.05
02	210 23.48	192 51.62	N06 29.87	167 56.03	N16 50.27	113 27.06	N23 26.83	142 06.57	N20 26.56	208 18.84	N00 54.03	104 34.54	06.13	N24 37.36	01.02	58.09
03	225 25.94	207 51.23	N06 31.12	182 56.76	N16 50.81	128 29.34	N23 26.83	157 08.84	N20 26.60	223 19.02	N00 55.02	118 59.67	06.09	N24 36.35	01.17	58.13
04	240 28.40	222 50.85	N06 32.37	197 57.50	N16 51.34	143 31.62	N23 26.82	172 11.10	N20 26.63	238 19.21	N00 56.00	133 24.76	06.05	N24 35.18	01.33	58.17
05	255 30.87	237 50.46	N06 33.62	212 58.23	N16 51.87	158 33.89	N23 26.82	187 13.37	N20 26.67	253 19.40	N00 56.99	147 49.81	06.02	N24 33.85	01.48	58.21
06	270 33.33	252 50.07	N06 34.87	227 58.96	N16 52.41	173 36.17	N23 26.81	202 15.64	N20 26.71	268 19.59	N00 57.97	162 14.83	05.98	N24 32.37	01.64	58.24
07	285 35.80	267 49.69	N06 36.12	242 59.70	N16 52.94	188 38.45	N23 26.81	217 17.91	N20 26.74	283 19.78	N00 58.96	176 39.81	05.95	N24 30.73	01.80	58.28
08	300 38.26	282 49.30	N06 37.37	258 00.43	N16 53.48	203 40.73	N23 26.80	232 20.18	N20 26.78	298 19.96	N00 59.94	191 04.76	05.92	N24 28.93	01.95	58.32
09	315 40.73	297 48.91	N06 38.62	273 01.16	N16 54.01	218 43.01	N23 26.80	247 22.45	N20 26.82	313 20.15	N01 00.93	205 29.68	05.89	N24 26.97	02.11	58.36
10	330 43.19	312 48.53	N06 39.86	288 01.89	N16 54.54	233 45.28	N23 26.79	262 24.72	N20 26.85	328 20.34	N01 01.92	219 54.56	05.86	N24 24.86	02.27	58.40
11	345 45.65	327 48.14	N06 41.11	303 02.63	N16 55.08	248 47.56	N23 26.79	277 26.98	N20 26.89	343 20.53	N01 02.90	234 19.42	05.83	N24 22.59	02.43	58.44
12	000 48.12	342 47.75	N06 42.36	318 03.36	N16 55.61	263 49.84	N23 26.79	292 29.25	N20 26.93	358 20.72	N01 03.89	248 44.25	05.80	N24 20.17	02.59	58.47
13	015 50.58	357 47.36	N06 43.61	333 04.09	N16 56.14	278 52.11	N23 26.78	307 31.52	N20 26.96	013 20.91	N01 04.87	263 09.05	05.78	N24 17.58	02.74	58.51
14	030 53.05	012 46.97	N06 44.86	348 04.83	N16 56.67	293 54.39	N23 26.78	322 33.79	N20 27.00	028 21.10	N01 05.86	277 33.83	05.75	N24 14.84	02.90	58.55
15	045 55.51	027 46.59	N06 46.11	003 05.56	N16 57.20	308 56.66	N23 26.77	337 36.05	N20 27.04	043 21.28	N01 06.84	291 58.58	05.73	N24 11.93	03.06	58.59
16	060 57.97	042 46.20	N06 47.35	018 06.29	N16 57.74	323 58.94	N23 26.77	352 38.32	N20 27.07	058 21.47	N01 07.83	306 23.31	05.71	N24 08.87	03.22	58.63
17	076 00.44	057 45.81	N06 48.60	033 07.02	N16 58.27	339 01.21	N23 26.76	007 40.59	N20 27.11	073 21.66	N01 08.81	320 48.03	05.69	N24 05.65	03.38	58.67
18	091 02.90	072 45.42	N06 49.85	048 07.75	N16 58.80	354 03.49	N23 26.76	022 42.85	N20 27.15	088 21.85	N01 09.80	335 12.72	05.68	N24 02.27	03.54	58.70
19	106 05.37	087 45.03	N06 51.09	063 08.49	N16 59.33	009 05.76	N23 26.75	037 45.12	N20 27.18	103 22.04	N01 10.78	349 37.40	05.66	N23 58.73	03.70	58.74
20	121 07.83	102 44.64	N06 52.34	078 09.22	N16 59.86	024 08.03	N23 26.75	052 47.39	N20 27.22	118 22.23	N01 11.77	004 02.06	05.65	N23 55.03	03.86	58.78
21	136 10.30	117 44.25	N06 53.59	093 09.95	N17 00.39	039 10.31	N23 26.74	067 49.65	N20 27.26	133 22.42	N01 12.75	018 26.70	05.63	N23 51.17	04.02	58.82
22	151 12.76	132 43.86	N06 54.83	108 10.68	N17 00.92	054 12.58	N23 26.74	082 51.92	N20 27.29	148 22.61	N01 13.74	032 51.34	05.62	N23 47.16	04.18	58.86
23	166 15.22	147 43.47	N06 56.08	123 11.41	N17 01.45	069 14.85	N23 26.73	097 54.19	N20 27.33	163 22.79	N01 14.72	047 15.96	05.61	N23 42.98	04.34	58.90
		v -0.39	d 1.25	v 0.73	d 0.54	v 2.28	d 0.00	v 2.27	d 0.04	v 0.19	d 0.99	SD	15.68	15.93		
		HP 0.09		HP 0.07						SD 16.05	HP 0.15					

Sunday March 24, 2002 through Monday March 25, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
24 00	181 17.69	162 43.08	N06 57.32	138 12.15	N17 01.98	084 17.12	N23 26.73	112 56.45	N20 27.37	178 22.98	N01 15.71	061 40.57	05.60	N23 38.64	04.50	58.93
01	196 20.15	177 42.69	N06 58.57	153 12.88	N17 02.51	099 19.40	N23 26.72	127 58.72	N20 27.40	193 23.17	N01 16.69	076 05.17	05.60	N23 34.15	04.65	58.97
02	211 22.62	192 42.30	N06 59.81	168 13.61	N17 03.03	114 21.67	N23 26.72	143 00.98	N20 27.44	208 23.36	N01 17.68	090 29.77	05.59	N23 29.49	04.81	59.01
03	226 25.08	207 41.91	N07 01.06	183 14.34	N17 03.56	129 23.94	N23 26.71	158 03.25	N20 27.48	223 23.55	N01 18.66	104 54.36	05.59	N23 24.68	04.97	59.05
04	241 27.54	222 41.52	N07 02.30	198 15.07	N17 04.09	144 26.21	N23 26.71	173 05.51	N20 27.51	238 23.74	N01 19.65	119 18.95	05.58	N23 19.70	05.13	59.09
05	256 30.01	237 41.13	N07 03.54	213 15.80	N17 04.62	159 28.48	N23 26.70	188 07.78	N20 27.55	253 23.93	N01 20.63	133 43.53	05.58	N23 14.57	05.29	59.12
06	271 32.47	252 40.74	N07 04.79	228 16.53	N17 05.15	174 30.75	N23 26.70	203 10.04	N20 27.59	268 24.12	N01 21.62	148 08.12	05.58	N23 09.28	05.45	59.16
07	286 34.94	267 40.35	N07 06.03	243 17.26	N17 05.67	189 33.02	N23 26.69	218 12.31	N20 27.62	283 24.31	N01 22.60	162 32.70	05.58	N23 03.83	05.61	59.20
08	301 37.40	282 39.96	N07 07.27	258 18.00	N17 06.20	204 35.29	N23 26.69	233 14.57	N20 27.66	298 24.50	N01 23.58	176 57.28	05.59	N22 58.23	05.76	59.24
09	316 39.87	297 39.57	N07 08.52	273 18.73	N17 06.73	219 37.56	N23 26.68	248 16.84	N20 27.70	313 24.69	N01 24.57	191 21.87	05.59	N22 52.46	05.92	59.27
10	331 42.33	312 39.17	N07 09.76	288 19.46	N17 07.26	234 39.83	N23 26.68	263 19.10	N20 27.73	328 24.87	N01 25.55	205 46.46	05.60	N22 46.54	06.08	59.31
11	346 44.79	327 38.78	N07 11.00	303 20.19	N17 07.78	249 42.10	N23 26.67	278 21.37	N20 27.77	343 25.06	N01 26.54	220 11.06	05.60	N22 40.46	06.24	59.35
12	001 47.26	342 38.39	N07 12.24	318 20.92	N17 08.31	264 44.37	N23 26.67	293 23.63	N20 27.81	358 25.25	N01 27.52	234 35.66	05.61	N22 34.23	06.39	59.38
13	016 49.72	357 38.00	N07 13.48	333 21.65	N17 08.83	279 46.63	N23 26.66	308 25.89	N20 27.85	013 25.44	N01 28.50	249 00.28	05.62	N22 27.84	06.55	59.42
14	031 52.19	012 37.61	N07 14.73	348 22.38	N17 09.36	294 48.90	N23 26.66	323 28.16	N20 27.88	028 25.63	N01 29.49	263 24.90	05.63	N22 21.29	06.70	59.46
15	046 54.65	027 37.21	N07 15.97	003 23.11	N17 09.88	309 51.17	N23 26.65	338 30.42	N20 27.92	043 25.82	N01 30.47	277 49.53	05.64	N22 14.59	06.86	59.49
16	061 57.11	042 36.82	N07 17.21	018 23.84	N17 10.41	324 53.44	N23 26.65	353 32.68	N20 27.96	058 26.01	N01 31.46	292 14.17	05.66	N22 07.73	07.01	59.53
17	076 59.58	057 36.43	N07 18.45	033 24.57	N17 10.93	339 55.70	N23 26.64	008 34.95	N20 27.99	073 26.20	N01 32.44	306 38.83	05.67	N22 00.72	07.17	59.57
18	092 02.04	072 36.03	N07 19.69	048 25.30	N17 11.46	354 57.97	N23 26.64	023 37.21	N20 28.03	088 26.39	N01 33.42	321 03.50	05.69	N21 53.55	07.32	59.60
19	107 04.51	087 35.64	N07 20.93	063 26.03	N17 11.98	010 00.24	N23 26.63	038 39.47	N20 28.07	103 26.58	N01 34.41	335 28.19	05.70	N21 46.23	07.47	59.64
20	122 06.97	102 35.25	N07 22.17	078 26.76	N17 12.51	025 02.50	N23 26.62	053 41.74	N20 28.10	118 26.77	N01 35.39	349 52.89	05.72	N21 38.76	07.62	59.68
21	137 09.44	117 34.85	N07 23.41	093 27.49	N17 13.03	040 04.77	N23 26.62	068 44.00	N20 28.14	133 26.96	N01 36.37	004 17.61	05.74	N21 31.13	07.78	59.71
22	152 11.90	132 34.46	N07 24.65	108 28.22	N17 13.55	055 07.03	N23 26.61	083 46.26	N20 28.18	148 27.15	N01 37.36	018 42.35	05.76	N21 23.36	07.93	59.75
23	167 14.36	147 34.06	N07 25.89	123 28.95	N17 14.08	070 09.30	N23 26.61	098 48.52	N20 28.22	163 27.34	N01 38.34	033 07.11	05.78	N21 15.43	08.08	59.78
25 00	182 16.83	162 33.67	N07 27.12	138 29.68	N17 14.60	085 11.56	N23 26.60	113 50.79	N20 28.25	178 27.53	N01 39.32	047 31.90	05.80	N21 07.36	08.22	59.82
01	197 19.29	177 33.27	N07 28.36	153 30.41	N17 15.12	100 13.83	N23 26.60	128 53.05	N20 28.29	193 27.72	N01 40.31	061 56.70	05.83	N20 59.13	08.37	59.85
02	212 21.76	192 32.88	N07 29.60	168 31.13	N17 15.64	115 16.09	N23 26.59	143 55.31	N20 28.33	208 27.91	N01 41.29	076 21.53	05.85	N20 50.76	08.52	59.89
03	227 24.22	207 32.48	N07 30.84	183 31.86	N17 16.17	130 18.35	N23 26.59	158 57.57	N20 28.36	223 28.10	N01 42.27	090 46.38	05.88	N20 42.24	08.67	59.92
04	242 26.68	222 32.09	N07 32.07	198 32.59	N17 16.69	145 20.62	N23 26.58	173 59.83	N20 28.40	238 28.29	N01 43.26	105 11.25	05.90	N20 33.57	08.81	59.96
05	257 29.15	237 31.69	N07 33.31	213 33.32	N17 17.21	160 22.88	N23 26.58	189 02.09	N20 28.44	253 28.48	N01 44.24	119 36.16	05.93	N20 24.76	08.96	59.99
06	272 31.61	252 31.30	N07 34.55	228 34.05	N17 17.73	175 25.14	N23 26.57	204 04.36	N20 28.48	268 28.66	N01 45.22	134 01.09	05.96	N20 15.80	09.10	60.02
07	287 34.08	267 30.90	N07 35.78	243 34.78	N17 18.25	190 27.40	N23 26.56	219 06.62	N20 28.51	283 28.85	N01 46.20	148 26.04	05.99	N20 06.70	09.25	60.06
08	302 36.54	282 30.51	N07 37.02	258 35.51	N17 18.77	205 29.67	N23 26.56	234 08.88	N20 28.55	298 29.04	N01 47.19	162 51.03	06.02	N19 57.45	09.39	60.09
09	317 39.00	297 30.11	N07 38.26	273 36.24	N17 19.29	220 31.93	N23 26.55	249 11.14	N20 28.59	313 29.23	N01 48.17	177 16.05	06.05	N19 48.06	09.53	60.12
10	332 41.47	312 29.71	N07 39.49	288 36.96	N17 19.81	235 34.19	N23 26.55	264 13.40	N20 28.63	328 29.42	N01 49.15	191 41.09	06.08	N19 38.53	09.67	60.16
11	347 43.93	327 29.32	N07 40.73	303 37.69	N17 20.33	250 36.45	N23 26.54	279 15.66	N20 28.66	343 29.61	N01 50.13	206 06.17	06.11	N19 28.86	09.81	60.19
12	002 46.40	342 28.92	N07 41.96	318 38.42	N17 20.85	265 38.71	N23 26.54	294 17.92	N20 28.70	358 29.80	N01 51.12	220 31.28	06.14	N19 19.06	09.95	60.22
13	017 48.86	357 28.52	N07 43.20	333 39.15	N17 21.37	280 40.97	N23 26.53	309 20.18	N20 28.74	013 29.99	N01 52.10	234 56.42	06.18	N19 09.11	10.08	60.25
14	032 51.33	012 28.12	N07 44.43	348 39.88	N17 21.89	295 43.23	N23 26.53	324 22.44	N20 28.77	028 30.18	N01 53.08	249 21.60	06.21	N18 59.02	10.22	60.28
15	047 53.79	027 27.73	N07 45.66	003 40.60	N17 22.41	310 45.49	N23 26.52	339 24.70	N20 28.81	043 30.37	N01 54.06	263 46.81	06.24	N18 48.80	10.36	60.32
16	062 56.25	042 27.33	N07 46.90	018 41.33	N17 22.93	325 47.75	N23 26.51	354 26.96	N20 28.85	058 30.56	N01 55.05	278 12.05	06.28	N18 38.45	10.49	60.35
17	077 58.72	057 26.93	N07 48.13	033 42.06	N17 23.45	340 50.01	N23 26.51	009 29.22	N20 28.89	073 30.75	N01 56.03	292 37.33	06.32	N18 27.96	10.62	60.38
18	093 01.18	072 26.53	N07 49.36	048 42.79	N17 23.97	355 52.27	N23 26.50	024 31.48	N20 28.92	088 30.94	N01 57.01	307 02.65	06.35	N18 17.34	10.75	60.41
19	108 03.65	087 26.13	N07 50.60	063 43.51	N17 24.48	010 54.53	N23 26.50	039 33.74	N20 28.96	103 31.13	N01 57.99	321 28.00	06.39	N18 06.59	10.88	60.44
20	123 06.11	102 25.73	N07 51.83	078 44.24	N17 25.00	025 56.78	N23 26.49	054 36.00	N20 29.00	118 31.32	N01 58.97	335 53.39	06.43	N17 55.70	11.01	60.47
21	138 08.57	117 25.34	N07 53.06	093 44.97	N17 25.52	040 59.04	N23 26.48	069 38.26	N20 29.04	133 31.51	N01 59.95	350 18.82	06.46	N17 44.69	11.14	60.50
22	153 11.04	132 24.94	N07 54.29	108 45.70	N17 26.03	056 01.30	N23 26.48	084 40.51	N20 29.07	148 31.70	N02 00.94	004 44.28	06.50	N17 33.55	11.27	60.53
23	168 13.50	147 24.54	N07 55.53	123 46.42	N17 26.55	071 03.56	N23 26.47	099 42.77	N20 29.11	163 31.89	N02 01.92	019 09.78	06.54	N17 22.29	11.39	60.55
		v -0.39	d 1.24	v 0.73	d 0.52	v 2.26	d 0.01	v 2.26	d 0.04	v 0.19	d 0.98	SD	16.18	16.40		
		HP 0.09		HP 0.07						SD 16.04	HP 0.15					

Tuesday March 26, 2002 through Wednesday March 27, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
26 00	183 15.97	162 24.14	N07 56.76	138 47.15	N17 27.07	086 05.81	N23 26.47	114 45.03	N20 29.15	178 32.08	N02 02.90	033 35.33	06.58	N17 10.90	11.51	60.58
01	198 18.43	177 23.74	N07 57.99	153 47.88	N17 27.58	101 08.07	N23 26.46	129 47.29	N20 29.19	193 32.27	N02 03.88	048 00.91	06.62	N16 59.38	11.64	60.61
02	213 20.89	192 23.34	N07 59.22	168 48.61	N17 28.10	116 10.33	N23 26.46	144 49.55	N20 29.22	208 32.46	N02 04.86	062 26.53	06.66	N16 47.75	11.76	60.64
03	228 23.36	207 22.94	N08 00.45	183 49.33	N17 28.61	131 12.58	N23 26.45	159 51.81	N20 29.26	223 32.65	N02 05.84	076 52.18	06.70	N16 35.99	11.88	60.66
04	243 25.82	222 22.54	N08 01.68	198 50.06	N17 29.13	146 14.84	N23 26.44	174 54.06	N20 29.30	238 32.84	N02 06.82	091 17.88	06.74	N16 24.11	11.99	60.69
05	258 28.29	237 22.14	N08 02.91	213 50.79	N17 29.64	161 17.09	N23 26.44	189 56.32	N20 29.34	253 33.03	N02 07.80	105 43.62	06.78	N16 12.12	12.11	60.72
06	273 30.75	252 21.74	N08 04.14	228 51.51	N17 30.16	176 19.35	N23 26.43	204 58.58	N20 29.37	268 33.22	N02 08.79	120 09.40	06.82	N16 00.01	12.23	60.74
07	288 33.21	267 21.33	N08 05.37	243 52.24	N17 30.67	191 21.60	N23 26.43	220 00.84	N20 29.41	283 33.41	N02 09.77	134 35.23	06.86	N15 47.78	12.34	60.77
08	303 35.68	282 20.93	N08 06.59	258 52.96	N17 31.19	206 23.85	N23 26.42	235 03.09	N20 29.45	298 33.60	N02 10.75	149 01.09	06.90	N15 35.44	12.45	60.79
09	318 38.14	297 20.53	N08 07.82	273 53.69	N17 31.70	221 26.11	N23 26.41	250 05.35	N20 29.49	313 33.79	N02 11.73	163 26.99	06.94	N15 22.99	12.56	60.82
10	333 40.61	312 20.13	N08 09.05	288 54.42	N17 32.22	236 28.36	N23 26.41	265 07.61	N20 29.52	328 33.98	N02 12.71	177 52.93	06.99	N15 10.43	12.67	60.84
11	348 43.07	327 19.73	N08 10.28	303 55.14	N17 32.73	251 30.62	N23 26.40	280 09.86	N20 29.56	343 34.17	N02 13.69	192 18.92	07.03	N14 57.75	12.78	60.87
12	003 45.53	342 19.33	N08 11.51	318 55.87	N17 33.24	266 32.87	N23 26.40	295 12.12	N20 29.60	358 34.36	N02 14.67	206 44.95	07.07	N14 44.97	12.89	60.89
13	018 48.00	357 18.92	N08 12.73	333 56.59	N17 33.75	281 35.12	N23 26.39	310 14.38	N20 29.64	013 34.55	N02 15.65	221 11.02	07.11	N14 32.09	12.99	60.91
14	033 50.46	012 18.52	N08 13.96	348 57.32	N17 34.27	296 37.37	N23 26.38	325 16.63	N20 29.67	028 34.75	N02 16.63	235 37.12	07.15	N14 19.10	13.09	60.94
15	048 52.93	027 18.12	N08 15.19	003 58.05	N17 34.78	311 39.63	N23 26.38	340 18.89	N20 29.71	043 34.94	N02 17.61	250 03.28	07.19	N14 06.00	13.19	60.96
16	063 55.39	042 17.71	N08 16.41	018 58.77	N17 35.29	326 41.88	N23 26.37	355 21.15	N20 29.75	058 35.13	N02 18.59	264 29.47	07.23	N13 52.81	13.29	60.98
17	078 57.86	057 17.31	N08 17.64	033 59.50	N17 35.80	341 44.13	N23 26.36	010 23.40	N20 29.79	073 35.32	N02 19.57	278 55.70	07.27	N13 39.52	13.39	61.00
18	094 00.32	072 16.91	N08 18.86	049 00.22	N17 36.31	356 46.38	N23 26.36	025 25.66	N20 29.82	088 35.51	N02 20.55	293 21.97	07.32	N13 26.12	13.49	61.02
19	109 02.78	087 16.50	N08 20.09	064 00.95	N17 36.82	011 48.63	N23 26.35	040 27.91	N20 29.86	103 35.70	N02 21.53	307 48.29	07.36	N13 12.63	13.58	61.04
20	124 05.25	102 16.10	N08 21.31	079 01.67	N17 37.34	026 50.88	N23 26.35	055 30.17	N20 29.90	118 35.89	N02 22.51	322 14.65	07.40	N12 59.05	13.68	61.06
21	139 07.71	117 15.69	N08 22.54	094 02.40	N17 37.85	041 53.13	N23 26.34	070 32.42	N20 29.94	133 36.08	N02 23.49	336 41.04	07.44	N12 45.38	13.77	61.08
22	154 10.18	132 15.29	N08 23.76	109 03.12	N17 38.36	056 55.38	N23 26.33	085 34.68	N20 29.98	148 36.27	N02 24.47	351 07.48	07.48	N12 31.61	13.86	61.10
23	169 12.64	147 14.88	N08 24.98	124 03.85	N17 38.87	071 57.63	N23 26.33	100 36.93	N20 30.01	163 36.46	N02 25.45	005 33.96	07.52	N12 17.75	13.94	61.12
27 00	184 15.10	162 14.48	N08 26.21	139 04.57	N17 39.38	086 59.88	N23 26.32	115 39.19	N20 30.05	178 36.65	N02 26.43	020 00.48	07.56	N12 03.81	14.03	61.14
01	199 17.57	177 14.07	N08 27.43	154 05.30	N17 39.89	102 02.13	N23 26.31	130 41.44	N20 30.09	193 36.84	N02 27.41	034 27.03	07.60	N11 49.78	14.11	61.15
02	214 20.03	192 13.67	N08 28.65	169 06.02	N17 40.39	117 04.38	N23 26.31	145 43.70	N20 30.13	208 37.03	N02 28.39	048 53.63	07.64	N11 35.66	14.20	61.17
03	229 22.50	207 13.26	N08 29.88	184 06.75	N17 40.90	132 06.62	N23 26.30	160 45.95	N20 30.16	223 37.22	N02 29.36	063 20.27	07.68	N11 21.47	14.28	61.19
04	244 24.96	222 12.86	N08 31.10	199 07.47	N17 41.41	147 08.87	N23 26.29	175 48.21	N20 30.20	238 37.41	N02 30.34	077 46.94	07.71	N11 07.19	14.36	61.20
05	259 27.42	237 12.45	N08 32.32	214 08.19	N17 41.92	162 11.12	N23 26.29	190 50.46	N20 30.24	253 37.60	N02 31.32	092 13.66	07.75	N10 52.83	14.43	61.22
06	274 29.89	252 12.04	N08 33.54	229 08.92	N17 42.43	177 13.37	N23 26.28	205 52.71	N20 30.28	268 37.79	N02 32.30	106 40.41	07.79	N10 38.40	14.51	61.23
07	289 32.35	267 11.64	N08 34.76	244 09.64	N17 42.94	192 15.61	N23 26.27	220 54.97	N20 30.32	283 37.98	N02 33.28	121 07.20	07.83	N10 23.89	14.58	61.25
08	304 34.82	282 11.23	N08 35.98	259 10.37	N17 43.44	207 17.86	N23 26.27	235 57.22	N20 30.35	298 38.17	N02 34.26	135 34.02	07.86	N10 09.31	14.65	61.26
09	319 37.28	297 10.82	N08 37.20	274 11.09	N17 43.95	222 20.11	N23 26.26	250 59.48	N20 30.39	313 38.36	N02 35.24	150 00.89	07.90	N09 54.65	14.72	61.27
10	334 39.74	312 10.42	N08 38.42	289 11.81	N17 44.46	237 22.35	N23 26.26	266 01.73	N20 30.43	328 38.55	N02 36.22	164 27.79	07.94	N09 39.93	14.79	61.29
11	349 42.21	327 10.01	N08 39.64	304 12.54	N17 44.96	252 24.60	N23 26.25	281 03.98	N20 30.47	343 38.74	N02 37.19	178 54.73	07.97	N09 25.14	14.86	61.30
12	004 44.67	342 09.60	N08 40.86	319 13.26	N17 45.47	267 26.84	N23 26.24	296 06.23	N20 30.51	358 38.93	N02 38.17	193 21.70	08.01	N09 10.28	14.92	61.31
13	019 47.14	357 09.19	N08 42.08	334 13.98	N17 45.98	282 29.09	N23 26.24	311 08.49	N20 30.54	013 39.12	N02 39.15	207 48.71	08.04	N08 55.36	14.98	61.32
14	034 49.60	012 08.78	N08 43.30	349 14.71	N17 46.48	297 31.33	N23 26.23	326 10.74	N20 30.58	028 39.31	N02 40.13	222 15.75	08.08	N08 40.38	15.04	61.33
15	049 52.06	027 08.37	N08 44.52	004 15.43	N17 46.99	312 33.58	N23 26.22	341 12.99	N20 30.62	043 39.50	N02 41.11	236 42.82	08.11	N08 25.33	15.10	61.34
16	064 54.53	042 07.97	N08 45.74	019 16.15	N17 47.49	327 35.82	N23 26.22	356 15.25	N20 30.66	058 39.69	N02 42.08	251 09.93	08.14	N08 10.23	15.16	61.35
17	079 56.99	057 07.56	N08 46.95	034 16.88	N17 48.00	342 38.07	N23 26.21	011 17.50	N20 30.70	073 39.88	N02 43.06	265 37.08	08.18	N07 55.07	15.21	61.36
18	094 59.46	072 07.15	N08 48.17	049 17.60	N17 48.50	357 40.31	N23 26.20	026 19.75	N20 30.73	088 40.07	N02 44.04	280 04.25	08.21	N07 39.86	15.27	61.37
19	110 01.92	087 06.74	N08 49.39	064 18.32	N17 49.01	012 42.55	N23 26.19	041 22.00	N20 30.77	103 40.26	N02 45.02	294 31.46	08.24	N07 24.59	15.32	61.37
20	125 04.38	102 06.33	N08 50.60	079 19.05	N17 49.51	027 44.79	N23 26.19	056 24.25	N20 30.81	118 40.45	N02 45.99	308 58.70	08.27	N07 09.27	15.37	61.38
21	140 06.85	117 05.92	N08 51.82	094 19.77	N17 50.02	042 47.04	N23 26.18	071 26.50	N20 30.85	133 40.64	N02 46.97	323 25.97	08.30	N06 53.91	15.41	61.39
22	155 09.31	132 05.51	N08 53.04	109 20.49	N17 50.52	057 49.28	N23 26.17	086 28.76	N20 30.89	148 40.83	N02 47.95	337 53.27	08.33	N06 38.49	15.46	61.39
23	170 11.78	147 05.10	N08 54.25	124 21.21	N17 51.02	072 51.52	N23 26.17	101 31.01	N20 30.92	163 41.02	N02 48.93	352 20.59	08.36	N06 23.03	15.50	61.40
		v -0.41	d 1.22	v 0.72	d 0.51	v 2.25	d 0.01	v 2.25	d 0.04	v 0.19	d 0.98	SD	16.59	16.70		
		HP 0.09		HP 0.07						SD 16.03	HP 0.15					

Thursday March 28, 2002 through Friday March 29, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
28 00	185 14.24	162 04.69	N08 55.47	139 21.94	N17 51.53	087 53.76	N23 26.16	116 33.26	N20 30.96	178 41.21	N02 49.90	006 47.95	08.39	N06 07.53	15.54	61.40
01	200 16.70	177 04.27	N08 56.68	154 22.66	N17 52.03	102 56.00	N23 26.15	131 35.51	N20 31.00	193 41.40	N02 50.88	021 15.34	08.41	N05 51.99	15.58	61.41
02	215 19.17	192 03.86	N08 57.90	169 23.38	N17 52.53	117 58.24	N23 26.15	146 37.76	N20 31.04	208 41.59	N02 51.86	035 42.75	08.44	N05 36.41	15.62	61.41
03	230 21.63	207 03.45	N08 59.11	184 24.10	N17 53.03	133 00.49	N23 26.14	161 40.01	N20 31.08	223 41.78	N02 52.83	050 10.19	08.47	N05 20.79	15.65	61.41
04	245 24.10	222 03.04	N09 00.32	199 24.83	N17 53.53	148 02.73	N23 26.13	176 42.26	N20 31.11	238 41.97	N02 53.81	064 37.66	08.49	N05 05.14	15.69	61.41
05	260 26.56	237 02.63	N09 01.54	214 25.55	N17 54.04	163 04.97	N23 26.13	191 44.51	N20 31.15	253 42.16	N02 54.79	079 05.15	08.52	N04 49.45	15.72	61.42
06	275 29.02	252 02.21	N09 02.75	229 26.27	N17 54.54	178 07.21	N23 26.12	206 46.76	N20 31.19	268 42.35	N02 55.76	093 32.66	08.54	N04 33.73	15.75	61.42
07	290 31.49	267 01.80	N09 03.96	244 26.99	N17 55.04	193 09.44	N23 26.11	221 49.01	N20 31.23	283 42.54	N02 56.74	108 00.20	08.56	N04 17.98	15.78	61.42
08	305 33.95	282 01.39	N09 05.17	259 27.71	N17 55.54	208 11.68	N23 26.10	236 51.26	N20 31.27	298 42.73	N02 57.72	122 27.76	08.59	N04 02.21	15.80	61.42
09	320 36.42	297 00.98	N09 06.39	274 28.44	N17 56.04	223 13.92	N23 26.10	251 53.51	N20 31.30	313 42.92	N02 58.69	136 55.35	08.61	N03 46.41	15.82	61.42
10	335 38.88	312 00.56	N09 07.60	289 29.16	N17 56.54	238 16.16	N23 26.09	266 55.76	N20 31.34	328 43.11	N02 59.67	151 22.96	08.63	N03 30.58	15.85	61.41
11	350 41.34	327 00.15	N09 08.81	304 29.88	N17 57.04	253 18.40	N23 26.08	281 58.01	N20 31.38	343 43.30	N03 00.64	165 50.58	08.65	N03 14.74	15.87	61.41
12	005 43.81	341 59.73	N09 10.02	319 30.60	N17 57.54	268 20.64	N23 26.08	297 00.26	N20 31.42	358 43.49	N03 01.62	180 18.23	08.67	N02 58.87	15.88	61.41
13	020 46.27	356 59.32	N09 11.23	334 31.32	N17 58.04	283 22.87	N23 26.07	312 02.51	N20 31.46	013 43.68	N03 02.60	194 45.90	08.69	N02 42.99	15.90	61.41
14	035 48.74	011 58.91	N09 12.44	349 32.04	N17 58.54	298 25.11	N23 26.06	327 04.76	N20 31.50	028 43.87	N03 03.57	209 13.59	08.70	N02 27.09	15.91	61.40
15	050 51.20	026 58.49	N09 13.65	004 32.76	N17 59.04	313 27.35	N23 26.05	342 07.01	N20 31.53	043 44.06	N03 04.55	223 41.29	08.72	N02 11.18	15.92	61.40
16	065 53.66	041 58.08	N09 14.86	019 33.48	N17 59.54	328 29.59	N23 26.05	357 09.26	N20 31.57	058 44.25	N03 05.52	238 09.01	08.74	N01 55.26	15.93	61.39
17	080 56.13	056 57.66	N09 16.07	034 34.20	N18 00.03	343 31.82	N23 26.04	012 11.51	N20 31.61	073 44.44	N03 06.50	252 36.75	08.75	N01 39.32	15.94	61.39
18	095 58.59	071 57.24	N09 17.28	049 34.93	N18 00.53	358 34.06	N23 26.03	027 13.76	N20 31.65	088 44.63	N03 07.47	267 04.50	08.77	N01 23.38	15.95	61.38
19	111 01.06	086 56.83	N09 18.48	064 35.65	N18 01.03	013 36.29	N23 26.03	042 16.00	N20 31.69	103 44.82	N03 08.45	281 32.27	08.78	N01 07.44	15.95	61.38
20	126 03.52	101 56.41	N09 19.69	079 36.37	N18 01.53	028 38.53	N23 26.02	057 18.25	N20 31.72	118 45.01	N03 09.42	296 00.05	08.80	N00 51.49	15.95	61.37
21	141 05.98	116 56.00	N09 20.90	094 37.09	N18 02.02	043 40.76	N23 26.01	072 20.50	N20 31.76	133 45.20	N03 10.40	310 27.85	08.81	N00 35.53	15.95	61.36
22	156 08.45	131 55.58	N09 22.11	109 37.81	N18 02.52	058 43.00	N23 26.00	087 22.75	N20 31.80	148 45.39	N03 11.37	324 55.66	08.82	N00 19.58	15.95	61.35
23	171 10.91	146 55.16	N09 23.31	124 38.53	N18 03.02	073 45.23	N23 26.00	102 25.00	N20 31.84	163 45.58	N03 12.35	339 23.48	08.83	N00 03.63	15.95	61.34
29 00	186 13.38	161 54.75	N09 24.52	139 39.25	N18 03.51	088 47.47	N23 25.99	117 27.24	N20 31.88	178 45.77	N03 13.32	353 51.31	08.84	S00 12.31	15.94	61.33
01	201 15.84	176 54.33	N09 25.72	154 39.97	N18 04.01	103 49.70	N23 25.98	132 29.49	N20 31.92	193 45.96	N03 14.30	008 19.15	08.85	S00 28.25	15.93	61.32
02	216 18.30	191 53.91	N09 26.93	169 40.69	N18 04.51	118 51.93	N23 25.97	147 31.74	N20 31.95	208 46.15	N03 15.27	022 47.00	08.86	S00 44.19	15.92	61.31
03	231 20.77	206 53.49	N09 28.14	184 41.41	N18 05.00	133 54.17	N23 25.97	162 33.99	N20 31.99	223 46.34	N03 16.24	037 14.86	08.87	S01 00.11	15.91	61.30
04	246 23.23	221 53.07	N09 29.34	199 42.13	N18 05.50	148 56.40	N23 25.96	177 36.23	N20 32.03	238 46.53	N03 17.22	051 42.73	08.87	S01 16.02	15.90	61.29
05	261 25.70	236 52.65	N09 30.54	214 42.85	N18 05.99	163 58.63	N23 25.95	192 38.48	N20 32.07	253 46.72	N03 18.19	066 10.60	08.88	S01 31.91	15.88	61.28
06	276 28.16	251 52.24	N09 31.75	229 43.57	N18 06.49	179 00.86	N23 25.94	207 40.73	N20 32.11	268 46.91	N03 19.17	080 38.48	08.89	S01 47.80	15.86	61.26
07	291 30.63	266 51.82	N09 32.95	244 44.29	N18 06.98	194 03.10	N23 25.94	222 42.97	N20 32.15	283 47.10	N03 20.14	095 06.37	08.89	S02 03.66	15.84	61.25
08	306 33.09	281 51.40	N09 34.16	259 45.01	N18 07.47	209 05.33	N23 25.93	237 45.22	N20 32.18	298 47.29	N03 21.11	109 34.26	08.89	S02 19.50	15.82	61.24
09	321 35.55	296 50.98	N09 35.36	274 45.72	N18 07.97	224 07.56	N23 25.92	252 47.47	N20 32.22	313 47.48	N03 22.09	124 02.15	08.90	S02 35.33	15.80	61.22
10	336 38.02	311 50.56	N09 36.56	289 46.44	N18 08.46	239 09.79	N23 25.91	267 49.71	N20 32.26	328 47.67	N03 23.06	138 30.05	08.90	S02 51.13	15.77	61.21
11	351 40.48	326 50.14	N09 37.76	304 47.16	N18 08.95	254 12.02	N23 25.91	282 51.96	N20 32.30	343 47.86	N03 24.04	152 57.95	08.90	S03 06.90	15.75	61.19
12	006 42.95	341 49.72	N09 38.96	319 47.88	N18 09.45	269 14.25	N23 25.90	297 54.20	N20 32.34	358 48.05	N03 25.01	167 25.85	08.90	S03 22.65	15.72	61.17
13	021 45.41	356 49.30	N09 40.17	334 48.60	N18 09.94	284 16.48	N23 25.89	312 56.45	N20 32.38	013 48.24	N03 25.98	181 53.75	08.90	S03 38.37	15.69	61.16
14	036 47.87	011 48.88	N09 41.37	349 49.32	N18 10.43	299 18.71	N23 25.88	327 58.69	N20 32.42	028 48.43	N03 26.95	196 21.66	08.90	S03 54.05	15.66	61.14
15	051 50.34	026 48.45	N09 42.57	004 50.04	N18 10.92	314 20.94	N23 25.87	343 00.94	N20 32.45	043 48.62	N03 27.93	210 49.56	08.90	S04 09.71	15.62	61.12
16	066 52.80	041 48.03	N09 43.77	019 50.76	N18 11.42	329 23.17	N23 25.87	358 03.19	N20 32.49	058 48.81	N03 28.90	225 17.46	08.90	S04 25.33	15.58	61.10
17	081 55.27	056 47.61	N09 44.97	034 51.48	N18 11.91	344 25.40	N23 25.86	013 05.43	N20 32.53	073 49.00	N03 29.87	239 45.36	08.90	S04 40.91	15.55	61.08
18	096 57.73	071 47.19	N09 46.17	049 52.19	N18 12.40	359 27.63	N23 25.85	028 07.68	N20 32.57	088 49.19	N03 30.85	254 13.25	08.89	S04 56.46	15.51	61.06
19	112 00.19	086 46.77	N09 47.36	064 52.91	N18 12.89	014 29.85	N23 25.84	043 09.92	N20 32.61	103 49.38	N03 31.82	268 41.14	08.89	S05 11.97	15.46	61.04
20	127 02.66	101 46.34	N09 48.56	079 53.63	N18 13.38	029 32.08	N23 25.84	058 12.16	N20 32.65	118 49.57	N03 32.79	283 09.03	08.88	S05 27.43	15.42	61.02
21	142 05.12	116 45.92	N09 49.76	094 54.35	N18 13.87	044 34.31	N23 25.83	073 14.41	N20 32.69	133 49.75	N03 33.76	297 36.91	08.88	S05 42.85	15.38	61.00
22	157 07.59	131 45.50	N09 50.96	109 55.07	N18 14.36	059 36.54	N23 25.82	088 16.65	N20 32.72	148 49.94	N03 34.73	312 04.79	08.87	S05 58.23	15.33	60.98
23	172 10.05	146 45.07	N09 52.16	124 55.78	N18 14.85	074 38.76	N23 25.81	103 18.90	N20 32.76	163 50.13	N03 35.71	326 32.66	08.86	S06 13.56	15.28	60.96
		v -0.42	d 1.21	v 0.72	d 0.50	v 2.23	d 0.01	v 2.25	d 0.04	v 0.19	d 0.97	SD	16.73	16.67		
		HP 0.09		HP 0.07						SD 16.02	HP 0.15					

Saturday March 30, 2002 through Sunday March 31, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
30 00	187 12.51	161 44.65	N09 53.35	139 56.50	N18 15.34	089 40.99	N23 25.80	118 21.14	N20 32.80	178 50.32	N03 36.68	341 00.53	08.86	S06 28.84	15.23	60.94
01	202 14.98	176 44.22	N09 54.55	154 57.22	N18 15.83	104 43.22	N23 25.80	133 23.39	N20 32.84	193 50.51	N03 37.65	355 28.38	08.85	S06 44.07	15.18	60.91
02	217 17.44	191 43.80	N09 55.75	169 57.94	N18 16.32	119 45.44	N23 25.79	148 25.63	N20 32.88	208 50.70	N03 38.62	009 56.23	08.84	S06 59.25	15.12	60.89
03	232 19.91	206 43.38	N09 56.94	184 58.65	N18 16.81	134 47.67	N23 25.78	163 27.87	N20 32.92	223 50.89	N03 39.59	024 24.07	08.83	S07 14.37	15.07	60.87
04	247 22.37	221 42.95	N09 58.14	199 59.37	N18 17.30	149 49.89	N23 25.77	178 30.12	N20 32.96	238 51.08	N03 40.56	038 51.90	08.82	S07 29.44	15.01	60.84
05	262 24.83	236 42.53	N09 59.33	215 00.09	N18 17.78	164 52.12	N23 25.76	193 32.36	N20 32.99	253 51.27	N03 41.54	053 19.72	08.81	S07 44.45	14.95	60.82
06	277 27.30	251 42.10	N10 00.53	230 00.81	N18 18.27	179 54.34	N23 25.76	208 34.60	N20 33.03	268 51.46	N03 42.51	067 47.52	08.80	S07 59.40	14.89	60.79
07	292 29.76	266 41.67	N10 01.72	245 01.52	N18 18.76	194 56.57	N23 25.75	223 36.85	N20 33.07	283 51.65	N03 43.48	082 15.32	08.78	S08 14.29	14.83	60.76
08	307 32.23	281 41.25	N10 02.92	260 02.24	N18 19.25	209 58.79	N23 25.74	238 39.09	N20 33.11	298 51.84	N03 44.45	096 43.11	08.77	S08 29.12	14.76	60.74
09	322 34.69	296 40.82	N10 04.11	275 02.96	N18 19.73	225 01.02	N23 25.73	253 41.33	N20 33.15	313 52.02	N03 45.42	111 10.88	08.76	S08 43.88	14.70	60.71
10	337 37.15	311 40.39	N10 05.30	290 03.67	N18 20.22	240 03.24	N23 25.72	268 43.58	N20 33.19	328 52.21	N03 46.39	125 38.64	08.75	S08 58.58	14.63	60.68
11	352 39.62	326 39.97	N10 06.49	305 04.39	N18 20.71	255 05.46	N23 25.71	283 45.82	N20 33.23	343 52.40	N03 47.36	140 06.38	08.73	S09 13.21	14.56	60.66
12	007 42.08	341 39.54	N10 07.69	320 05.11	N18 21.19	270 07.69	N23 25.71	298 48.06	N20 33.26	358 52.59	N03 48.33	154 34.11	08.72	S09 27.77	14.49	60.63
13	022 44.55	356 39.11	N10 08.88	335 05.82	N18 21.68	285 09.91	N23 25.70	313 50.30	N20 33.30	013 52.78	N03 49.30	169 01.83	08.70	S09 42.26	14.42	60.60
14	037 47.01	011 38.68	N10 10.07	350 06.54	N18 22.16	300 12.13	N23 25.69	328 52.54	N20 33.34	028 52.97	N03 50.27	183 29.53	08.68	S09 56.67	14.34	60.57
15	052 49.47	026 38.26	N10 11.26	005 07.26	N18 22.65	315 14.35	N23 25.68	343 54.79	N20 33.38	043 53.16	N03 51.24	197 57.21	08.67	S10 11.02	14.27	60.54
16	067 51.94	041 37.83	N10 12.45	020 07.97	N18 23.13	330 16.58	N23 25.67	358 57.03	N20 33.42	058 53.35	N03 52.21	212 24.88	08.65	S10 25.28	14.19	60.51
17	082 54.40	056 37.40	N10 13.64	035 08.69	N18 23.62	345 18.80	N23 25.66	013 59.27	N20 33.46	073 53.54	N03 53.18	226 52.53	08.63	S10 39.47	14.11	60.48
18	097 56.87	071 36.97	N10 14.83	050 09.41	N18 24.10	000 21.02	N23 25.66	029 01.51	N20 33.50	088 53.72	N03 54.15	241 20.17	08.62	S10 53.59	14.03	60.45
19	112 59.33	086 36.54	N10 16.02	065 10.12	N18 24.59	015 23.24	N23 25.65	044 03.75	N20 33.54	103 53.91	N03 55.12	255 47.79	08.60	S11 07.62	13.95	60.42
20	128 01.79	101 36.11	N10 17.21	080 10.84	N18 25.07	030 25.46	N23 25.64	059 05.99	N20 33.57	118 54.10	N03 56.09	270 15.39	08.58	S11 21.57	13.87	60.39
21	143 04.26	116 35.68	N10 18.40	095 11.55	N18 25.55	045 27.68	N23 25.63	074 08.23	N20 33.61	133 54.29	N03 57.06	284 42.97	08.56	S11 35.43	13.78	60.36
22	158 06.72	131 35.25	N10 19.58	110 12.27	N18 26.04	060 29.90	N23 25.62	089 10.48	N20 33.65	148 54.48	N03 58.03	299 10.53	08.54	S11 49.22	13.70	60.33
23	173 09.19	146 34.82	N10 20.77	125 12.98	N18 26.52	075 32.12	N23 25.61	104 12.72	N20 33.69	163 54.67	N03 59.00	313 38.07	08.52	S12 02.91	13.61	60.29
31 00	188 11.65	161 34.39	N10 21.96	140 13.70	N18 27.00	090 34.34	N23 25.61	119 14.96	N20 33.73	178 54.85	N03 59.97	328 05.59	08.50	S12 16.52	13.52	60.26
01	203 14.12	176 33.96	N10 23.15	155 14.42	N18 27.48	105 36.56	N23 25.60	134 17.20	N20 33.77	193 55.04	N04 00.94	342 33.10	08.48	S12 30.04	13.43	60.23
02	218 16.58	191 33.52	N10 24.33	170 15.13	N18 27.97	120 38.78	N23 25.59	149 19.44	N20 33.81	208 55.23	N04 01.91	357 00.58	08.46	S12 43.47	13.34	60.19
03	233 19.04	206 33.09	N10 25.52	185 15.85	N18 28.45	135 41.00	N23 25.58	164 21.68	N20 33.85	223 55.42	N04 02.87	011 28.04	08.44	S12 56.81	13.24	60.16
04	248 21.51	221 32.66	N10 26.70	200 16.56	N18 28.93	150 43.21	N23 25.57	179 23.92	N20 33.89	238 55.61	N04 03.84	025 55.49	08.42	S13 10.05	13.15	60.13
05	263 23.97	236 32.23	N10 27.89	215 17.28	N18 29.41	165 45.43	N23 25.56	194 26.16	N20 33.92	253 55.80	N04 04.81	040 22.91	08.40	S13 23.20	13.05	60.09
06	278 26.44	251 31.80	N10 29.07	230 17.99	N18 29.89	180 47.65	N23 25.55	209 28.40	N20 33.96	268 55.98	N04 05.78	054 50.31	08.38	S13 36.26	12.96	60.06
07	293 28.90	266 31.36	N10 30.26	245 18.71	N18 30.37	195 49.87	N23 25.55	224 30.64	N20 34.00	283 56.17	N04 06.75	069 17.69	08.36	S13 49.21	12.86	60.02
08	308 31.36	281 30.93	N10 31.44	260 19.42	N18 30.85	210 52.08	N23 25.54	239 32.88	N20 34.04	298 56.36	N04 07.71	083 45.04	08.34	S14 02.07	12.76	59.99
09	323 33.83	296 30.50	N10 32.63	275 20.13	N18 31.33	225 54.30	N23 25.53	254 35.12	N20 34.08	313 56.55	N04 08.68	098 12.38	08.31	S14 14.83	12.66	59.95
10	338 36.29	311 30.06	N10 33.81	290 20.85	N18 31.81	240 56.52	N23 25.52	269 37.36	N20 34.12	328 56.74	N04 09.65	112 39.69	08.29	S14 27.48	12.55	59.92
11	353 38.76	326 29.63	N10 34.99	305 21.56	N18 32.29	255 58.73	N23 25.51	284 39.59	N20 34.16	343 56.92	N04 10.62	127 06.98	08.27	S14 40.04	12.45	59.88
12	008 41.22	341 29.19	N10 36.17	320 22.28	N18 32.77	271 00.95	N23 25.50	299 41.83	N20 34.20	358 57.11	N04 11.59	141 34.25	08.25	S14 52.49	12.35	59.85
13	023 43.68	356 28.76	N10 37.35	335 22.99	N18 33.25	286 03.16	N23 25.49	314 44.07	N20 34.24	013 57.30	N04 12.55	156 01.50	08.22	S15 04.83	12.24	59.81
14	038 46.15	011 28.32	N10 38.54	350 23.71	N18 33.73	301 05.38	N23 25.48	329 46.31	N20 34.28	028 57.49	N04 13.52	170 28.73	08.20	S15 17.07	12.13	59.77
15	053 48.61	026 27.89	N10 39.72	005 24.42	N18 34.21	316 07.59	N23 25.48	344 48.55	N20 34.31	043 57.68	N04 14.49	184 55.93	08.18	S15 29.20	12.02	59.74
16	068 51.08	041 27.45	N10 40.90	020 25.13	N18 34.69	331 09.81	N23 25.47	359 50.79	N20 34.35	058 57.86	N04 15.45	199 23.11	08.16	S15 41.23	11.91	59.70
17	083 53.54	056 27.01	N10 42.08	035 25.85	N18 35.16	346 12.02	N23 25.46	014 53.03	N20 34.39	073 58.05	N04 16.42	213 50.26	08.13	S15 53.14	11.80	59.66
18	098 56.00	071 26.58	N10 43.26	050 26.56	N18 35.64	001 14.24	N23 25.45	029 55.26	N20 34.43	088 58.24	N04 17.39	228 17.40	08.11	S16 04.94	11.69	59.62
19	113 58.47	086 26.14	N10 44.44	065 27.27	N18 36.12	016 16.45	N23 25.44	044 57.50	N20 34.47	103 58.43	N04 18.35	242 44.51	08.09	S16 16.63	11.58	59.59
20	129 00.93	101 25.70	N10 45.61	080 27.99	N18 36.60	031 18.66	N23 25.43	059 59.74	N20 34.51	118 58.61	N04 19.32	257 11.60	08.07	S16 28.21	11.46	59.55
21	144 03.40	116 25.27	N10 46.79	095 28.70	N18 37.07	046 20.87	N23 25.42	075 01.98	N20 34.55	133 58.80	N04 20.29	271 38.67	08.05	S16 39.67	11.35	59.51
22	159 05.86	131 24.83	N10 47.97	110 29.41	N18 37.55	061 23.09	N23 25.41	090 04.21	N20 34.59	148 58.99	N04 21.25	286 05.71	08.02	S16 51.02	11.23	59.47
23	174 08.33	146 24.39	N10 49.15	125 30.13	N18 38.02	076 25.30	N23 25.40	105 06.45	N20 34.63	163 59.18	N04 22.22	300 32.74	08.00	S17 02.25	11.11	59.43
		v -0.43	d 1.19	v 0.72	d 0.48	v 2.22	d 0.01	v 2.24	d 0.04	v 0.19	d 0.97	SD	16.52	16.31		
		HP 0.09		HP 0.07						SD 16.01	HP 0.15					

Monday April 01, 2002 through Tuesday April 02, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
01 00	189 10.79	161 23.95	N10 50.32	140 30.84	N18 38.50	091 27.51	N23 25.39	120 08.69	N20 34.67	178 59.36	N04 23.18	314 59.74	07.98	S17 13.36	11.00	59.39
01	204 13.25	176 23.51	N10 51.50	155 31.55	N18 38.98	106 29.72	N23 25.39	135 10.93	N20 34.71	193 59.55	N04 24.15	329 26.72	07.96	S17 24.36	10.88	59.35
02	219 15.72	191 23.07	N10 52.68	170 32.27	N18 39.45	121 31.94	N23 25.38	150 13.16	N20 34.74	208 59.74	N04 25.12	343 53.68	07.94	S17 35.23	10.76	59.32
03	234 18.18	206 22.64	N10 53.85	185 32.98	N18 39.93	136 34.15	N23 25.37	165 15.40	N20 34.78	223 59.93	N04 26.08	358 20.62	07.92	S17 45.99	10.63	59.28
04	249 20.65	221 22.20	N10 55.03	200 33.69	N18 40.40	151 36.36	N23 25.36	180 17.64	N20 34.82	239 00.11	N04 27.05	012 47.53	07.89	S17 56.62	10.51	59.24
05	264 23.11	236 21.76	N10 56.20	215 34.41	N18 40.87	166 38.57	N23 25.35	195 19.87	N20 34.86	254 00.30	N04 28.01	027 14.43	07.87	S18 07.14	10.39	59.20
06	279 25.57	251 21.32	N10 57.38	230 35.12	N18 41.35	181 40.78	N23 25.34	210 22.11	N20 34.90	269 00.49	N04 28.98	041 41.30	07.85	S18 17.52	10.26	59.16
07	294 28.04	266 20.87	N10 58.55	245 35.83	N18 41.82	196 42.99	N23 25.33	225 24.35	N20 34.94	284 00.67	N04 29.94	056 08.15	07.83	S18 27.79	10.14	59.12
08	309 30.50	281 20.43	N10 59.72	260 36.54	N18 42.30	211 45.20	N23 25.32	240 26.58	N20 34.98	299 00.86	N04 30.91	070 34.99	07.81	S18 37.93	10.01	59.08
09	324 32.97	296 19.99	N11 00.90	275 37.25	N18 42.77	226 47.41	N23 25.31	255 28.82	N20 35.02	314 01.05	N04 31.87	085 01.80	07.80	S18 47.94	09.89	59.04
10	339 35.43	311 19.55	N11 02.07	290 37.97	N18 43.24	241 49.62	N23 25.30	270 31.05	N20 35.06	329 01.23	N04 32.83	099 28.60	07.78	S18 57.83	09.76	59.00
11	354 37.89	326 19.11	N11 03.24	305 38.68	N18 43.71	256 51.82	N23 25.29	285 33.29	N20 35.10	344 01.42	N04 33.80	113 55.37	07.76	S19 07.58	09.63	58.96
12	009 40.36	341 18.67	N11 04.41	320 39.39	N18 44.19	271 54.03	N23 25.28	300 35.52	N20 35.14	359 01.61	N04 34.76	128 22.13	07.74	S19 17.22	09.50	58.92
13	024 42.82	356 18.22	N11 05.58	335 40.10	N18 44.66	286 56.24	N23 25.28	315 37.76	N20 35.18	014 01.79	N04 35.73	142 48.87	07.72	S19 26.72	09.37	58.88
14	039 45.29	011 17.78	N11 06.75	350 40.81	N18 45.13	301 58.45	N23 25.27	330 39.99	N20 35.21	029 01.98	N04 36.69	157 15.59	07.71	S19 36.09	09.24	58.84
15	054 47.75	026 17.34	N11 07.92	005 41.53	N18 45.60	317 00.66	N23 25.26	345 42.23	N20 35.25	044 02.17	N04 37.66	171 42.30	07.69	S19 45.33	09.11	58.80
16	069 50.22	041 16.89	N11 09.09	020 42.24	N18 46.07	332 02.86	N23 25.25	000 44.46	N20 35.29	059 02.35	N04 38.62	186 08.99	07.67	S19 54.44	08.98	58.76
17	084 52.68	056 16.45	N11 10.26	035 42.95	N18 46.54	347 05.07	N23 25.24	015 46.70	N20 35.33	074 02.54	N04 39.58	200 35.66	07.66	S20 03.41	08.84	58.72
18	099 55.14	071 16.01	N11 11.43	050 43.66	N18 47.02	002 07.28	N23 25.23	030 48.93	N20 35.37	089 02.73	N04 40.55	215 02.32	07.64	S20 12.26	08.71	58.67
19	114 57.61	086 15.56	N11 12.60	065 44.37	N18 47.49	017 09.48	N23 25.22	045 51.17	N20 35.41	104 02.91	N04 41.51	229 28.96	07.63	S20 20.97	08.58	58.63
20	130 00.07	101 15.12	N11 13.77	080 45.08	N18 47.96	032 11.69	N23 25.21	060 53.40	N20 35.45	119 03.10	N04 42.47	243 55.59	07.61	S20 29.55	08.44	58.59
21	145 02.54	116 14.67	N11 14.94	095 45.79	N18 48.43	047 13.90	N23 25.20	075 55.64	N20 35.49	134 03.29	N04 43.43	258 22.20	07.60	S20 37.99	08.31	58.55
22	160 05.00	131 14.23	N11 16.10	110 46.50	N18 48.89	062 16.10	N23 25.19	090 57.87	N20 35.53	149 03.47	N04 44.40	272 48.80	07.59	S20 46.29	08.17	58.51
23	175 07.46	146 13.78	N11 17.27	125 47.21	N18 49.36	077 18.31	N23 25.18	106 00.10	N20 35.57	164 03.66	N04 45.36	287 15.39	07.58	S20 54.46	08.03	58.47
02 00	190 09.93	161 13.33	N11 18.44	140 47.93	N18 49.83	092 20.51	N23 25.17	121 02.34	N20 35.61	179 03.84	N04 46.32	301 41.96	07.56	S21 02.50	07.90	58.43
01	205 12.39	176 12.89	N11 19.60	155 48.64	N18 50.30	107 22.72	N23 25.16	136 04.57	N20 35.65	194 04.03	N04 47.29	316 08.53	07.55	S21 10.39	07.76	58.39
02	220 14.86	191 12.44	N11 20.77	170 49.35	N18 50.77	122 24.92	N23 25.15	151 06.81	N20 35.69	209 04.22	N04 48.25	330 35.08	07.54	S21 18.15	07.62	58.35
03	235 17.32	206 11.99	N11 21.93	185 50.06	N18 51.24	137 27.12	N23 25.14	166 09.04	N20 35.73	224 04.40	N04 49.21	345 01.62	07.53	S21 25.77	07.48	58.31
04	250 19.79	221 11.55	N11 23.10	200 50.77	N18 51.70	152 29.33	N23 25.13	181 11.27	N20 35.77	239 04.59	N04 50.17	359 28.16	07.53	S21 33.26	07.34	58.27
05	265 22.25	236 11.10	N11 24.26	215 51.48	N18 52.17	167 31.53	N23 25.12	196 13.51	N20 35.80	254 04.77	N04 51.13	013 54.69	07.52	S21 40.60	07.20	58.23
06	280 24.71	251 10.65	N11 25.42	230 52.19	N18 52.64	182 33.73	N23 25.11	211 15.74	N20 35.84	269 04.96	N04 52.09	028 21.21	07.51	S21 47.81	07.06	58.18
07	295 27.18	266 10.20	N11 26.59	245 52.90	N18 53.11	197 35.94	N23 25.10	226 17.97	N20 35.88	284 05.14	N04 53.06	042 47.72	07.51	S21 54.87	06.92	58.14
08	310 29.64	281 09.75	N11 27.75	260 53.61	N18 53.57	212 38.14	N23 25.09	241 20.20	N20 35.92	299 05.33	N04 54.02	057 14.22	07.50	S22 01.79	06.78	58.10
09	325 32.11	296 09.30	N11 28.91	275 54.32	N18 54.04	227 40.34	N23 25.08	256 22.44	N20 35.96	314 05.52	N04 54.98	071 40.72	07.50	S22 08.58	06.64	58.06
10	340 34.57	311 08.85	N11 30.07	290 55.03	N18 54.50	242 42.54	N23 25.07	271 24.67	N20 36.00	329 05.70	N04 55.94	086 07.22	07.49	S22 15.22	06.50	58.02
11	355 37.03	326 08.40	N11 31.23	305 55.74	N18 54.97	257 44.75	N23 25.06	286 26.90	N20 36.04	344 05.89	N04 56.90	100 33.71	07.49	S22 21.72	06.36	57.98
12	010 39.50	341 07.95	N11 32.39	320 56.45	N18 55.44	272 46.95	N23 25.05	301 29.13	N20 36.08	359 06.07	N04 57.86	115 00.20	07.49	S22 28.08	06.22	57.94
13	025 41.96	356 07.50	N11 33.55	335 57.16	N18 55.90	287 49.15	N23 25.04	316 31.36	N20 36.12	014 06.26	N04 58.82	129 26.69	07.49	S22 34.30	06.08	57.90
14	040 44.43	011 07.05	N11 34.71	350 57.86	N18 56.37	302 51.35	N23 25.03	331 33.60	N20 36.16	029 06.44	N04 59.78	143 53.18	07.49	S22 40.37	05.93	57.86
15	055 46.89	026 06.60	N11 35.87	005 58.57	N18 56.83	317 53.55	N23 25.02	346 35.83	N20 36.20	044 06.63	N05 00.74	158 19.67	07.49	S22 46.30	05.79	57.82
16	070 49.36	041 06.15	N11 37.03	020 59.28	N18 57.29	332 55.75	N23 25.01	001 38.06	N20 36.24	059 06.81	N05 01.70	172 46.16	07.49	S22 52.09	05.65	57.78
17	085 51.82	056 05.70	N11 38.19	035 59.99	N18 57.76	347 57.95	N23 25.01	016 40.29	N20 36.28	074 07.00	N05 02.66	187 12.65	07.49	S22 57.74	05.50	57.74
18	100 54.28	071 05.24	N11 39.35	051 00.70	N18 58.22	003 00.15	N23 25.00	031 42.52	N20 36.32	089 07.18	N05 03.62	201 39.14	07.50	S23 03.25	05.36	57.70
19	115 56.75	086 04.79	N11 40.50	066 01.41	N18 58.69	018 02.35	N23 24.99	046 44.75	N20 36.36	104 07.37	N05 04.58	216 05.64	07.50	S23 08.61	05.22	57.66
20	130 59.21	101 04.34	N11 41.66	081 02.12	N18 59.15	033 04.55	N23 24.98	061 46.98	N20 36.40	119 07.55	N05 05.54	230 32.14	07.51	S23 13.82	05.07	57.62
21	146 01.68	116 03.89	N11 42.82	096 02.83	N18 59.61	048 06.74	N23 24.96	076 49.22	N20 36.44	134 07.74	N05 06.50	244 58.65	07.51	S23 18.90	04.93	57.58
22	161 04.14	131 03.43	N11 43.97	111 03.54	N19 00.07	063 08.94	N23 24.95	091 51.45	N20 36.48	149 07.92	N05 07.46	259 25.16	07.52	S23 23.83	04.79	57.54
23	176 06.60	146 02.98	N11 45.13	126 04.24	N19 00.54	078 11.14	N23 24.94	106 53.68	N20 36.52	164 08.11	N05 08.42	273 51.68	07.53	S23 28.61	04.64	57.50
		v -0.45	d 1.17	v 0.71	d 0.47	v 2.20	d 0.01	v 2.23	d 0.04	v 0.19	d 0.96	SD	16.06	15.79		
		HP 0.09		HP 0.07						SD 16.00	HP 0.15					

Wednesday April 03, 2002 through Thursday April 04, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
03 00	191 09.07	161 02.52	N11 46.28	141 04.95	N19 01.00	093 13.34	N23 24.93	121 55.91	N20 36.56	179 08.29	N05 09.38	288 18.21	07.54	S23 33.25	04.50	57.46
01	206 11.53	176 02.07	N11 47.44	156 05.66	N19 01.46	108 15.54	N23 24.92	136 58.14	N20 36.60	194 08.48	N05 10.34	302 44.75	07.55	S23 37.75	04.35	57.42
02	221 14.00	191 01.61	N11 48.59	171 06.37	N19 01.92	123 17.73	N23 24.91	152 00.37	N20 36.64	209 08.66	N05 11.30	317 11.30	07.56	S23 42.11	04.21	57.38
03	236 16.46	206 01.16	N11 49.74	186 07.08	N19 02.38	138 19.93	N23 24.90	167 02.60	N20 36.67	224 08.84	N05 12.25	331 37.87	07.58	S23 46.32	04.07	57.34
04	251 18.93	221 00.70	N11 50.90	201 07.78	N19 02.84	153 22.13	N23 24.89	182 04.83	N20 36.71	239 09.03	N05 13.21	346 04.44	07.59	S23 50.38	03.92	57.30
05	266 21.39	236 00.25	N11 52.05	216 08.49	N19 03.30	168 24.32	N23 24.88	197 07.06	N20 36.75	254 09.21	N05 14.17	000 31.03	07.60	S23 54.30	03.78	57.26
06	281 23.85	250 59.79	N11 53.20	231 09.20	N19 03.76	183 26.52	N23 24.87	212 09.29	N20 36.79	269 09.40	N05 15.13	014 57.63	07.62	S23 58.08	03.63	57.22
07	296 26.32	265 59.33	N11 54.35	246 09.91	N19 04.22	198 28.71	N23 24.86	227 11.52	N20 36.83	284 09.58	N05 16.09	029 24.25	07.64	S24 01.72	03.49	57.19
08	311 28.78	280 58.88	N11 55.50	261 10.62	N19 04.68	213 30.91	N23 24.85	242 13.75	N20 36.87	299 09.76	N05 17.04	043 50.89	07.65	S24 05.21	03.35	57.15
09	326 31.25	295 58.42	N11 56.65	276 11.32	N19 05.14	228 33.11	N23 24.84	257 15.97	N20 36.91	314 09.95	N05 18.00	058 17.55	07.67	S24 08.56	03.20	57.11
10	341 33.71	310 57.96	N11 57.80	291 12.03	N19 05.60	243 35.30	N23 24.83	272 18.20	N20 36.95	329 10.13	N05 18.96	072 44.22	07.69	S24 11.76	03.06	57.07
11	356 36.17	325 57.50	N11 58.95	306 12.74	N19 06.06	258 37.49	N23 24.82	287 20.43	N20 36.99	344 10.32	N05 19.92	087 10.91	07.72	S24 14.82	02.92	57.03
12	011 38.64	340 57.04	N12 00.10	321 13.44	N19 06.52	273 39.69	N23 24.81	302 22.66	N20 37.03	359 10.50	N05 20.87	101 37.63	07.74	S24 17.74	02.77	56.99
13	026 41.10	355 56.58	N12 01.25	336 14.15	N19 06.97	288 41.88	N23 24.80	317 24.89	N20 37.07	014 10.68	N05 21.83	116 04.37	07.76	S24 20.51	02.63	56.96
14	041 43.57	010 56.13	N12 02.40	351 14.86	N19 07.43	303 44.08	N23 24.79	332 27.12	N20 37.11	029 10.87	N05 22.79	130 31.13	07.79	S24 23.14	02.49	56.92
15	056 46.03	025 55.67	N12 03.54	006 15.57	N19 07.89	318 46.27	N23 24.78	347 29.35	N20 37.15	044 11.05	N05 23.74	144 57.91	07.81	S24 25.63	02.35	56.88
16	071 48.50	040 55.21	N12 04.69	021 16.27	N19 08.35	333 48.46	N23 24.77	002 31.58	N20 37.19	059 11.23	N05 24.70	159 24.72	07.84	S24 27.97	02.20	56.84
17	086 50.96	055 54.75	N12 05.84	036 16.98	N19 08.80	348 50.66	N23 24.76	017 33.80	N20 37.23	074 11.42	N05 25.66	173 51.56	07.86	S24 30.18	02.06	56.81
18	101 53.42	070 54.29	N12 06.98	051 17.69	N19 09.26	003 52.85	N23 24.75	032 36.03	N20 37.27	089 11.60	N05 26.61	188 18.43	07.89	S24 32.24	01.92	56.77
19	116 55.89	085 53.82	N12 08.13	066 18.39	N19 09.72	018 55.04	N23 24.74	047 38.26	N20 37.31	104 11.78	N05 27.57	202 45.32	07.92	S24 34.16	01.78	56.73
20	131 58.35	100 53.36	N12 09.27	081 19.10	N19 10.17	033 57.23	N23 24.73	062 40.49	N20 37.35	119 11.97	N05 28.52	217 12.24	07.95	S24 35.93	01.64	56.70
21	147 00.82	115 52.90	N12 10.42	096 19.80	N19 10.63	048 59.42	N23 24.72	077 42.71	N20 37.39	134 12.15	N05 29.48	231 39.20	07.99	S24 37.57	01.50	56.66
22	162 03.28	130 52.44	N12 11.56	111 20.51	N19 11.08	064 01.61	N23 24.71	092 44.94	N20 37.43	149 12.33	N05 30.43	246 06.18	08.02	S24 39.07	01.36	56.62
23	177 05.74	145 51.98	N12 12.71	126 21.22	N19 11.54	079 03.81	N23 24.70	107 47.17	N20 37.47	164 12.52	N05 31.39	260 33.20	08.05	S24 40.42	01.22	56.59
04 00	192 08.21	160 51.51	N12 13.85	141 21.92	N19 11.99	094 06.00	N23 24.69	122 49.40	N20 37.51	179 12.70	N05 32.34	275 00.25	08.09	S24 41.64	01.08	56.55
01	207 10.67	175 51.05	N12 14.99	156 22.63	N19 12.45	109 08.19	N23 24.67	137 51.62	N20 37.55	194 12.88	N05 33.30	289 27.34	08.12	S24 42.71	00.94	56.52
02	222 13.14	190 50.59	N12 16.13	171 23.33	N19 12.90	124 10.38	N23 24.66	152 53.85	N20 37.59	209 13.06	N05 34.25	303 54.46	08.16	S24 43.65	00.80	56.48
03	237 15.60	205 50.12	N12 17.28	186 24.04	N19 13.36	139 12.57	N23 24.65	167 56.08	N20 37.63	224 13.25	N05 35.21	318 21.62	08.20	S24 44.45	00.66	56.45
04	252 18.07	220 49.66	N12 18.42	201 24.74	N19 13.81	154 14.76	N23 24.64	182 58.30	N20 37.67	239 13.43	N05 36.16	332 48.81	08.24	S24 45.11	00.52	56.41
05	267 20.53	235 49.19	N12 19.56	216 25.45	N19 14.26	169 16.95	N23 24.63	198 00.53	N20 37.71	254 13.61	N05 37.12	347 16.05	08.28	S24 45.63	00.38	56.38
06	282 22.99	250 48.73	N12 20.70	231 26.16	N19 14.72	184 19.13	N23 24.62	213 02.76	N20 37.75	269 13.79	N05 38.07	001 43.32	08.32	S24 46.01	00.25	56.34
07	297 25.46	265 48.26	N12 21.84	246 26.86	N19 15.17	199 21.32	N23 24.61	228 04.98	N20 37.79	284 13.98	N05 39.02	016 10.64	08.36	S24 46.26	00.11	56.31
08	312 27.92	280 47.80	N12 22.97	261 27.57	N19 15.62	214 23.51	N23 24.60	243 07.21	N20 37.83	299 14.16	N05 39.98	030 38.00	08.40	S24 46.37	00.03	56.27
09	327 30.39	295 47.33	N12 24.11	276 28.27	N19 16.07	229 25.70	N23 24.59	258 09.43	N20 37.87	314 14.34	N05 40.93	045 05.40	08.44	S24 46.34	00.16	56.24
10	342 32.85	310 46.87	N12 25.25	291 28.98	N19 16.53	244 27.89	N23 24.58	273 11.66	N20 37.91	329 14.52	N05 41.89	059 32.84	08.49	S24 46.18	00.30	56.20
11	357 35.31	325 46.40	N12 26.39	306 29.68	N19 16.98	259 30.08	N23 24.57	288 13.88	N20 37.95	344 14.70	N05 42.84	074 00.33	08.53	S24 45.88	00.43	56.17
12	012 37.78	340 45.93	N12 27.53	321 30.39	N19 17.43	274 32.26	N23 24.56	303 16.11	N20 37.99	359 14.89	N05 43.79	088 27.86	08.58	S24 45.44	00.57	56.14
13	027 40.24	355 45.46	N12 28.66	336 31.09	N19 17.88	289 34.45	N23 24.54	318 18.34	N20 38.03	014 15.07	N05 44.74	102 55.44	08.63	S24 44.88	00.70	56.10
14	042 42.71	010 45.00	N12 29.80	351 31.79	N19 18.33	304 36.64	N23 24.53	333 20.56	N20 38.07	029 15.25	N05 45.70	117 23.07	08.67	S24 44.18	00.83	56.07
15	057 45.17	025 44.53	N12 30.93	006 32.50	N19 18.78	319 38.82	N23 24.52	348 22.79	N20 38.11	044 15.43	N05 46.65	131 50.74	08.72	S24 43.34	00.97	56.04
16	072 47.64	040 44.06	N12 32.07	021 33.20	N19 19.23	334 41.01	N23 24.51	003 25.01	N20 38.15	059 15.61	N05 47.60	146 18.47	08.77	S24 42.38	01.10	56.01
17	087 50.10	055 43.59	N12 33.20	036 33.91	N19 19.68	349 43.19	N23 24.50	018 27.24	N20 38.19	074 15.79	N05 48.55	160 46.24	08.82	S24 41.28	01.23	55.97
18	102 52.56	070 43.12	N12 34.34	051 34.61	N19 20.13	004 45.38	N23 24.49	033 29.46	N20 38.23	089 15.97	N05 49.51	175 14.06	08.88	S24 40.05	01.36	55.94
19	117 55.03	085 42.65	N12 35.47	066 35.32	N19 20.58	019 47.56	N23 24.48	048 31.68	N20 38.27	104 16.16	N05 50.46	189 41.94	08.93	S24 38.69	01.49	55.91
20	132 57.49	100 42.18	N12 36.60	081 36.02	N19 21.03	034 49.75	N23 24.47	063 33.91	N20 38.31	119 16.34	N05 51.41	204 09.87	08.98	S24 37.20	01.62	55.88
21	147 59.96	115 41.71	N12 37.73	096 36.72	N19 21.48	049 51.93	N23 24.46	078 36.13	N20 38.35	134 16.52	N05 52.36	218 37.85	09.03	S24 35.58	01.75	55.85
22	163 02.42	130 41.24	N12 38.87	111 37.43	N19 21.92	064 54.12	N23 24.44	093 38.36	N20 38.39	149 16.70	N05 53.31	233 05.88	09.09	S24 33.83	01.88	55.82
23	178 04.88	145 40.77	N12 40.00	126 38.13	N19 22.37	079 56.30	N23 24.43	108 40.58	N20 38.43	164 16.88	N05 54.26	247 33.97	09.14	S24 31.95	02.00	55.79
		v -0.46	d 1.14	v 0.71	d 0.45	v 2.19	d 0.01	v 2.23	d 0.04	v 0.18	d 0.95	SD	15.53	15.30		
		HP 0.09		HP 0.07						SD 15.99	HP 0.15					

Friday April 05, 2002 through Saturday April 06, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
05 00	193 07.35	160 40.30	N12 41.13	141 38.83	N19 22.82	094 58.49	N23 24.42	123 42.81	N20 38.47	179 17.06	N05 55.21	262 02.11	09.20	S24 29.95	02.13	55.76
01	208 09.81	175 39.82	N12 42.26	156 39.54	N19 23.27	110 00.67	N23 24.41	138 45.03	N20 38.51	194 17.24	N05 56.17	276 30.31	09.26	S24 27.82	02.26	55.73
02	223 12.28	190 39.35	N12 43.39	171 40.24	N19 23.71	125 02.85	N23 24.40	153 47.25	N20 38.55	209 17.42	N05 57.12	290 58.57	09.31	S24 25.56	02.38	55.70
03	238 14.74	205 38.88	N12 44.52	186 40.94	N19 24.16	140 05.04	N23 24.39	168 49.48	N20 38.59	224 17.60	N05 58.07	305 26.88	09.37	S24 23.18	02.51	55.67
04	253 17.20	220 38.41	N12 45.64	201 41.65	N19 24.61	155 07.22	N23 24.38	183 51.70	N20 38.63	239 17.78	N05 59.02	319 55.25	09.43	S24 20.67	02.63	55.64
05	268 19.67	235 37.93	N12 46.77	216 42.35	N19 25.05	170 09.40	N23 24.37	198 53.92	N20 38.67	254 17.96	N05 59.97	334 23.68	09.49	S24 18.04	02.76	55.61
06	283 22.13	250 37.46	N12 47.90	231 43.05	N19 25.50	185 11.58	N23 24.35	213 56.15	N20 38.71	269 18.15	N06 00.92	348 52.17	09.55	S24 15.28	02.88	55.58
07	298 24.60	265 36.98	N12 49.03	246 43.76	N19 25.95	200 13.76	N23 24.34	228 58.37	N20 38.75	284 18.33	N06 01.87	003 20.72	09.61	S24 12.40	03.00	55.55
08	313 27.06	280 36.51	N12 50.15	261 44.46	N19 26.39	215 15.95	N23 24.33	244 00.59	N20 38.79	299 18.51	N06 02.82	017 49.33	09.67	S24 09.40	03.12	55.52
09	328 29.53	295 36.04	N12 51.28	276 45.16	N19 26.84	230 18.13	N23 24.32	259 02.81	N20 38.83	314 18.69	N06 03.77	032 18.00	09.73	S24 06.28	03.24	55.49
10	343 31.99	310 35.56	N12 52.40	291 45.86	N19 27.28	245 20.31	N23 24.31	274 05.04	N20 38.87	329 18.87	N06 04.72	046 46.73	09.79	S24 03.04	03.36	55.47
11	358 34.45	325 35.08	N12 53.53	306 46.57	N19 27.73	260 22.49	N23 24.30	289 07.26	N20 38.91	344 19.05	N06 05.66	061 15.52	09.86	S23 59.68	03.48	55.44
12	013 36.92	340 34.61	N12 54.65	321 47.27	N19 28.17	275 24.67	N23 24.29	304 09.48	N20 38.95	359 19.23	N06 06.61	075 44.38	09.92	S23 56.20	03.60	55.41
13	028 39.38	355 34.13	N12 55.78	336 47.97	N19 28.61	290 26.85	N23 24.27	319 11.70	N20 38.99	014 19.41	N06 07.56	090 13.30	09.98	S23 52.60	03.72	55.38
14	043 41.85	010 33.65	N12 56.90	351 48.67	N19 29.06	305 29.03	N23 24.26	334 13.92	N20 39.03	029 19.58	N06 08.51	104 42.28	10.05	S23 48.88	03.83	55.36
15	058 44.31	025 33.18	N12 58.02	006 49.38	N19 29.50	320 31.21	N23 24.25	349 16.15	N20 39.07	044 19.76	N06 09.46	119 11.33	10.11	S23 45.05	03.95	55.33
16	073 46.77	040 32.70	N12 59.14	021 50.08	N19 29.94	335 33.39	N23 24.24	004 18.37	N20 39.11	059 19.94	N06 10.41	133 40.44	10.18	S23 41.10	04.06	55.30
17	088 49.24	055 32.22	N13 00.27	036 50.78	N19 30.39	350 35.57	N23 24.23	019 20.59	N20 39.15	074 20.12	N06 11.35	148 09.61	10.24	S23 37.03	04.18	55.28
18	103 51.70	070 31.74	N13 01.39	051 51.48	N19 30.83	005 37.74	N23 24.22	034 22.81	N20 39.19	089 20.30	N06 12.30	162 38.85	10.31	S23 32.85	04.29	55.25
19	118 54.17	085 31.26	N13 02.51	066 52.18	N19 31.27	020 39.92	N23 24.20	049 25.03	N20 39.23	104 20.48	N06 13.25	177 08.16	10.37	S23 28.56	04.41	55.23
20	133 56.63	100 30.79	N13 03.63	081 52.89	N19 31.71	035 42.10	N23 24.19	064 27.25	N20 39.27	119 20.66	N06 14.20	191 37.53	10.44	S23 24.16	04.52	55.20
21	148 59.10	115 30.31	N13 04.75	096 53.59	N19 32.15	050 44.28	N23 24.18	079 29.47	N20 39.31	134 20.84	N06 15.14	206 06.97	10.50	S23 19.64	04.63	55.17
22	164 01.56	130 29.83	N13 05.87	111 54.29	N19 32.59	065 46.46	N23 24.17	094 31.70	N20 39.35	149 21.02	N06 16.09	220 36.47	10.57	S23 15.01	04.74	55.15
23	179 04.02	145 29.35	N13 06.98	126 54.99	N19 33.03	080 48.63	N23 24.16	109 33.92	N20 39.39	164 21.20	N06 17.04	235 06.04	10.64	S23 10.27	04.85	55.13
06 00	194 06.49	160 28.87	N13 08.10	141 55.69	N19 33.48	095 50.81	N23 24.15	124 36.14	N20 39.43	179 21.38	N06 17.99	249 35.68	10.71	S23 05.42	04.96	55.10
01	209 08.95	175 28.38	N13 09.22	156 56.39	N19 33.92	110 52.99	N23 24.13	139 38.36	N20 39.47	194 21.56	N06 18.93	264 05.39	10.77	S23 00.46	05.07	55.08
02	224 11.42	190 27.90	N13 10.34	171 57.09	N19 34.36	125 55.16	N23 24.12	154 40.58	N20 39.51	209 21.73	N06 19.88	278 35.16	10.84	S22 55.40	05.17	55.05
03	239 13.88	205 27.42	N13 11.45	186 57.79	N19 34.80	140 57.34	N23 24.11	169 42.80	N20 39.55	224 21.91	N06 20.82	293 05.00	10.91	S22 50.23	05.28	55.03
04	254 16.34	220 26.94	N13 12.57	201 58.49	N19 35.23	155 59.51	N23 24.10	184 45.02	N20 39.59	239 22.09	N06 21.77	307 34.91	10.98	S22 44.95	05.38	55.01
05	269 18.81	235 26.46	N13 13.68	216 59.19	N19 35.67	171 01.69	N23 24.09	199 47.24	N20 39.64	254 22.27	N06 22.72	322 04.89	11.05	S22 39.56	05.49	54.98
06	284 21.27	250 25.97	N13 14.80	231 59.90	N19 36.11	186 03.86	N23 24.07	214 49.46	N20 39.68	269 22.45	N06 23.66	336 34.93	11.11	S22 34.07	05.59	54.96
07	299 23.74	265 25.49	N13 15.91	247 00.60	N19 36.55	201 06.04	N23 24.06	229 51.68	N20 39.72	284 22.63	N06 24.61	351 05.05	11.18	S22 28.48	05.70	54.94
08	314 26.20	280 25.01	N13 17.02	262 01.30	N19 36.99	216 08.21	N23 24.05	244 53.90	N20 39.76	299 22.80	N06 25.55	005 35.23	11.25	S22 22.78	05.80	54.92
09	329 28.66	295 24.52	N13 18.14	277 02.00	N19 37.43	231 10.39	N23 24.04	259 56.12	N20 39.80	314 22.98	N06 26.50	020 05.48	11.32	S22 16.98	05.90	54.89
10	344 31.13	310 24.04	N13 19.25	292 02.70	N19 37.86	246 12.56	N23 24.03	274 58.34	N20 39.84	329 23.16	N06 27.44	034 35.80	11.39	S22 11.08	06.00	54.87
11	359 33.59	325 23.55	N13 20.36	307 03.40	N19 38.30	261 14.74	N23 24.01	290 00.56	N20 39.88	344 23.34	N06 28.39	049 06.19	11.46	S22 05.08	06.10	54.85
12	014 36.06	340 23.07	N13 21.47	322 04.10	N19 38.74	276 16.91	N23 24.00	305 02.77	N20 39.92	359 23.52	N06 29.33	063 36.65	11.53	S21 58.98	06.20	54.83
13	029 38.52	355 22.58	N13 22.58	337 04.80	N19 39.17	291 19.08	N23 23.99	320 04.99	N20 39.96	014 23.69	N06 30.27	078 07.18	11.60	S21 52.78	06.30	54.81
14	044 40.99	010 22.10	N13 23.69	352 05.50	N19 39.61	306 21.26	N23 23.98	335 07.21	N20 40.00	029 23.87	N06 31.22	092 37.77	11.66	S21 46.48	06.40	54.79
15	059 43.45	025 21.61	N13 24.80	007 06.20	N19 40.05	321 23.43	N23 23.97	350 09.43	N20 40.04	044 24.05	N06 32.16	107 08.44	11.73	S21 40.09	06.49	54.77
16	074 45.91	040 21.12	N13 25.91	022 06.90	N19 40.48	336 25.60	N23 23.95	005 11.65	N20 40.08	059 24.22	N06 33.11	121 39.17	11.80	S21 33.59	06.59	54.75
17	089 48.38	055 20.63	N13 27.02	037 07.60	N19 40.92	351 27.77	N23 23.94	020 13.87	N20 40.12	074 24.40	N06 34.05	136 09.97	11.87	S21 27.01	06.68	54.73
18	104 50.84	070 20.15	N13 28.13	052 08.30	N19 41.35	006 29.94	N23 23.93	035 16.09	N20 40.16	089 24.58	N06 34.99	150 40.85	11.94	S21 20.32	06.78	54.71
19	119 53.31	085 19.66	N13 29.23	067 08.99	N19 41.79	021 32.12	N23 23.92	050 18.30	N20 40.20	104 24.76	N06 35.94	165 11.79	12.01	S21 13.55	06.87	54.69
20	134 55.77	100 19.17	N13 30.34	082 09.69	N19 42.22	036 34.29	N23 23.91	065 20.52	N20 40.24	119 24.93	N06 36.88	179 42.79	12.08	S21 06.68	06.96	54.67
21	149 58.23	115 18.68	N13 31.45	097 10.39	N19 42.66	051 36.46	N23 23.89	080 22.74	N20 40.28	134 25.11	N06 37.82	194 13.87	12.15	S20 59.72	07.05	54.65
22	165 00.70	130 18.19	N13 32.55	112 11.09	N19 43.09	066 38.63	N23 23.88	095 24.96	N20 40.32	149 25.29	N06 38.76	208 45.02	12.21	S20 52.66	07.14	54.63
23	180 03.16	145 17.70	N13 33.66	127 11.79	N19 43.52	081 40.80	N23 23.87	110 27.17	N20 40.36	164 25.46	N06 39.71	223 16.23	12.28	S20 45.52	07.23	54.62
		v -0.48	d 1.12	v 0.70	d 0.44	v 2.18	d 0.01	v 2.22	d 0.04	v 0.18	d 0.95	SD	15.10	14.94		
		HP 0.09		HP 0.07						SD 15.98	HP 0.15					

Sunday April 07, 2002 through Monday April 08, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
07 00	195 05.63	160 17.21	N13 34.76	142 12.49	N19 43.96	096 42.97	N23 23.86	125 29.39	N20 40.40	179 25.64	N06 40.65	237 47.52	12.35	S20 38.28	07.32	54.60
01	210 08.09	175 16.72	N13 35.86	157 13.19	N19 44.39	111 45.14	N23 23.84	140 31.61	N20 40.44	194 25.82	N06 41.59	252 18.87	12.42	S20 30.96	07.41	54.58
02	225 10.55	190 16.23	N13 36.97	172 13.89	N19 44.82	126 47.31	N23 23.83	155 33.83	N20 40.48	209 25.99	N06 42.53	266 50.28	12.49	S20 23.55	07.50	54.56
03	240 13.02	205 15.74	N13 38.07	187 14.59	N19 45.26	141 49.48	N23 23.82	170 36.04	N20 40.52	224 26.17	N06 43.47	281 21.77	12.55	S20 16.05	07.59	54.55
04	255 15.48	220 15.25	N13 39.17	202 15.28	N19 45.69	156 51.65	N23 23.81	185 38.26	N20 40.56	239 26.34	N06 44.42	295 53.32	12.62	S20 08.47	07.67	54.53
05	270 17.95	235 14.76	N13 40.27	217 15.98	N19 46.12	171 53.81	N23 23.79	200 40.48	N20 40.61	254 26.52	N06 45.36	310 24.94	12.69	S20 00.80	07.76	54.51
06	285 20.41	250 14.26	N13 41.37	232 16.68	N19 46.55	186 55.98	N23 23.78	215 42.69	N20 40.65	269 26.70	N06 46.30	324 56.63	12.75	S19 53.04	07.84	54.50
07	300 22.87	265 13.77	N13 42.47	247 17.38	N19 46.98	201 58.15	N23 23.77	230 44.91	N20 40.69	284 26.87	N06 47.24	339 28.38	12.82	S19 45.20	07.92	54.48
08	315 25.34	280 13.28	N13 43.57	262 18.08	N19 47.41	217 00.32	N23 23.76	245 47.13	N20 40.73	299 27.05	N06 48.18	354 00.20	12.89	S19 37.28	08.01	54.46
09	330 27.80	295 12.78	N13 44.67	277 18.77	N19 47.84	232 02.49	N23 23.74	260 49.34	N20 40.77	314 27.22	N06 49.12	008 32.09	12.95	S19 29.27	08.09	54.45
10	345 30.27	310 12.29	N13 45.77	292 19.47	N19 48.27	247 04.65	N23 23.73	275 51.56	N20 40.81	329 27.40	N06 50.06	023 04.04	13.02	S19 21.19	08.17	54.43
11	000 32.73	325 11.80	N13 46.87	307 20.17	N19 48.70	262 06.82	N23 23.72	290 53.78	N20 40.85	344 27.57	N06 51.00	037 36.06	13.08	S19 13.02	08.25	54.42
12	015 35.20	340 11.30	N13 47.97	322 20.87	N19 49.13	277 08.99	N23 23.71	305 55.99	N20 40.89	359 27.75	N06 51.94	052 08.14	13.15	S19 04.77	08.33	54.40
13	030 37.66	355 10.81	N13 49.06	337 21.57	N19 49.56	292 11.15	N23 23.69	320 58.21	N20 40.93	014 27.93	N06 52.88	066 40.29	13.21	S18 56.44	08.40	54.39
14	045 40.12	010 10.31	N13 50.16	352 22.26	N19 49.99	307 13.32	N23 23.68	336 00.42	N20 40.97	029 28.10	N06 53.82	081 12.50	13.28	S18 48.04	08.48	54.38
15	060 42.59	025 09.81	N13 51.26	007 22.96	N19 50.42	322 15.49	N23 23.67	351 02.64	N20 41.01	044 28.28	N06 54.76	095 44.78	13.34	S18 39.56	08.56	54.36
16	075 45.05	040 09.32	N13 52.35	022 23.66	N19 50.85	337 17.65	N23 23.65	006 04.85	N20 41.05	059 28.45	N06 55.70	110 17.12	13.40	S18 31.00	08.64	54.35
17	090 47.52	055 08.82	N13 53.45	037 24.35	N19 51.28	352 19.82	N23 23.64	021 07.07	N20 41.09	074 28.63	N06 56.63	124 49.52	13.47	S18 22.36	08.71	54.33
18	105 49.98	070 08.32	N13 54.54	052 25.05	N19 51.70	007 21.98	N23 23.63	036 09.28	N20 41.13	089 28.80	N06 57.57	139 21.98	13.53	S18 13.65	08.78	54.32
19	120 52.44	085 07.83	N13 55.63	067 25.75	N19 52.13	022 24.15	N23 23.62	051 11.50	N20 41.17	104 28.97	N06 58.51	153 54.51	13.59	S18 04.87	08.86	54.31
20	135 54.91	100 07.33	N13 56.73	082 26.45	N19 52.56	037 26.31	N23 23.60	066 13.71	N20 41.21	119 29.15	N06 59.45	168 27.10	13.65	S17 56.01	08.93	54.29
21	150 57.37	115 06.83	N13 57.82	097 27.14	N19 52.99	052 28.47	N23 23.59	081 15.93	N20 41.25	134 29.32	N07 00.39	182 59.75	13.71	S17 47.08	09.00	54.28
22	165 59.84	130 06.33	N13 58.91	112 27.84	N19 53.41	067 30.64	N23 23.58	096 18.14	N20 41.30	149 29.50	N07 01.32	197 32.47	13.77	S17 38.08	09.07	54.27
23	181 02.30	145 05.83	N14 00.00	127 28.54	N19 53.84	082 32.80	N23 23.56	111 20.36	N20 41.34	164 29.67	N07 02.26	212 05.24	13.83	S17 29.00	09.14	54.26
08 00	196 04.76	160 05.33	N14 01.09	142 29.23	N19 54.27	097 34.97	N23 23.55	126 22.57	N20 41.38	179 29.85	N07 03.20	226 38.07	13.89	S17 19.86	09.21	54.25
01	211 07.23	175 04.83	N14 02.18	157 29.93	N19 54.69	112 37.13	N23 23.54	141 24.79	N20 41.42	194 30.02	N07 04.14	241 10.97	13.95	S17 10.64	09.28	54.23
02	226 09.69	190 04.33	N14 03.27	172 30.63	N19 55.12	127 39.29	N23 23.53	156 27.00	N20 41.46	209 30.19	N07 05.07	255 43.92	14.01	S17 01.36	09.35	54.22
03	241 12.16	205 03.83	N14 04.36	187 31.32	N19 55.54	142 41.45	N23 23.51	171 29.21	N20 41.50	224 30.37	N07 06.01	270 16.93	14.07	S16 52.01	09.42	54.21
04	256 14.62	220 03.33	N14 05.45	202 32.02	N19 55.97	157 43.62	N23 23.50	186 31.43	N20 41.54	239 30.54	N07 06.95	284 50.00	14.13	S16 42.59	09.48	54.20
05	271 17.08	235 02.83	N14 06.53	217 32.71	N19 56.39	172 45.78	N23 23.49	201 33.64	N20 41.58	254 30.71	N07 07.88	299 23.13	14.18	S16 33.11	09.55	54.19
06	286 19.55	250 02.33	N14 07.62	232 33.41	N19 56.82	187 47.94	N23 23.47	216 35.85	N20 41.62	269 30.89	N07 08.82	313 56.31	14.24	S16 23.56	09.61	54.18
07	301 22.01	265 01.82	N14 08.71	247 34.11	N19 57.24	202 50.10	N23 23.46	231 38.07	N20 41.66	284 31.06	N07 09.76	328 29.55	14.30	S16 13.95	09.68	54.17
08	316 24.48	280 01.32	N14 09.79	262 34.80	N19 57.66	217 52.26	N23 23.45	246 40.28	N20 41.70	299 31.23	N07 10.69	343 02.85	14.35	S16 04.27	09.74	54.16
09	331 26.94	295 00.82	N14 10.88	277 35.50	N19 58.09	232 54.42	N23 23.43	261 42.49	N20 41.74	314 31.41	N07 11.63	357 36.20	14.41	S15 54.53	09.80	54.15
10	346 29.41	310 00.31	N14 11.96	292 36.19	N19 58.51	247 56.58	N23 23.42	276 44.71	N20 41.78	329 31.58	N07 12.56	012 09.61	14.46	S15 44.72	09.87	54.14
11	001 31.87	324 59.81	N14 13.05	307 36.89	N19 58.93	262 58.74	N23 23.41	291 46.92	N20 41.82	344 31.75	N07 13.50	026 43.07	14.52	S15 34.86	09.93	54.13
12	016 34.33	339 59.31	N14 14.13	322 37.58	N19 59.35	278 00.90	N23 23.39	306 49.13	N20 41.86	359 31.93	N07 14.43	041 16.58	14.57	S15 24.93	09.99	54.12
13	031 36.80	354 58.80	N14 15.21	337 38.28	N19 59.78	293 03.06	N23 23.38	321 51.35	N20 41.91	014 32.10	N07 15.37	055 50.15	14.62	S15 14.94	10.05	54.12
14	046 39.26	009 58.30	N14 16.29	352 38.97	N20 00.20	308 05.22	N23 23.37	336 53.56	N20 41.95	029 32.27	N07 16.30	070 23.77	14.67	S15 04.90	10.11	54.11
15	061 41.73	024 57.79	N14 17.38	007 39.67	N20 00.62	323 07.38	N23 23.35	351 55.77	N20 41.99	044 32.44	N07 17.23	084 57.44	14.72	S14 54.79	10.16	54.10
16	076 44.19	039 57.28	N14 18.46	022 40.36	N20 01.04	338 09.54	N23 23.34	006 57.98	N20 42.03	059 32.62	N07 18.17	099 31.17	14.78	S14 44.63	10.22	54.09
17	091 46.65	054 56.78	N14 19.54	037 41.06	N20 01.46	353 11.70	N23 23.33	022 00.19	N20 42.07	074 32.79	N07 19.10	114 04.94	14.83	S14 34.41	10.28	54.08
18	106 49.12	069 56.27	N14 20.62	052 41.75	N20 01.88	008 13.86	N23 23.31	037 02.41	N20 42.11	089 32.96	N07 20.04	128 38.77	14.87	S14 24.13	10.33	54.08
19	121 51.58	084 55.76	N14 21.70	067 42.45	N20 02.30	023 16.02	N23 23.30	052 04.62	N20 42.15	104 33.13	N07 20.97	143 12.64	14.92	S14 13.80	10.39	54.07
20	136 54.05	099 55.25	N14 22.77	082 43.14	N20 02.72	038 18.17	N23 23.29	067 06.83	N20 42.19	119 33.30	N07 21.90	157 46.57	14.97	S14 03.41	10.44	54.06
21	151 56.51	114 54.75	N14 23.85	097 43.84	N20 03.14	053 20.33	N23 23.27	082 09.04	N20 42.23	134 33.48	N07 22.83	172 20.54	15.02	S13 52.97	10.50	54.06
22	166 58.97	129 54.24	N14 24.93	112 44.53	N20 03.56	068 22.49	N23 23.26	097 11.25	N20 42.27	149 33.65	N07 23.77	186 54.56	15.07	S13 42.47	10.55	54.05
23	182 01.44	144 53.73	N14 26.01	127 45.23	N20 03.98	083 24.64	N23 23.25	112 13.46	N20 42.31	164 33.82	N07 24.70	201 28.63	15.11	S13 31.92	10.60	54.04
		v -0.50	d 1.09	v 0.70	d 0.43	v 2.16	d 0.01	v 2.21	d 0.04	v 0.17	d 0.94	SD	14.83	14.75		
		HP 0.09		HP 0.07						SD 15.97	HP 0.15					

Tuesday April 09, 2002 through Wednesday April 10, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
09 00	197 03.90	159 53.22	N14 27.08	142 45.92	N20 04.40	098 26.80	N23 23.23	127 15.68	N20 42.35	179 33.99	N07 25.63	216 02.74	15.16	S13 21.32	10.65	54.04
01	212 06.37	174 52.71	N14 28.16	157 46.61	N20 04.82	113 28.96	N23 23.22	142 17.89	N20 42.39	194 34.16	N07 26.56	230 36.90	15.20	S13 10.67	10.70	54.03
02	227 08.83	189 52.20	N14 29.23	172 47.31	N20 05.23	128 31.11	N23 23.21	157 20.10	N20 42.44	209 34.33	N07 27.50	245 11.10	15.25	S12 59.97	10.75	54.02
03	242 11.29	204 51.69	N14 30.31	187 48.00	N20 05.65	143 33.27	N23 23.19	172 22.31	N20 42.48	224 34.51	N07 28.43	259 45.35	15.29	S12 49.22	10.80	54.02
04	257 13.76	219 51.18	N14 31.38	202 48.70	N20 06.07	158 35.42	N23 23.18	187 24.52	N20 42.52	239 34.68	N07 29.36	274 19.64	15.33	S12 38.42	10.85	54.01
05	272 16.22	234 50.67	N14 32.45	217 49.39	N20 06.49	173 37.58	N23 23.16	202 26.73	N20 42.56	254 34.85	N07 30.29	288 53.97	15.38	S12 27.57	10.90	54.01
06	287 18.69	249 50.15	N14 33.52	232 50.08	N20 06.90	188 39.74	N23 23.15	217 28.94	N20 42.60	269 35.02	N07 31.22	303 28.35	15.42	S12 16.67	10.94	54.00
07	302 21.15	264 49.64	N14 34.60	247 50.78	N20 07.32	203 41.89	N23 23.14	232 31.15	N20 42.64	284 35.19	N07 32.15	318 02.76	15.46	S12 05.73	10.99	54.00
08	317 23.61	279 49.13	N14 35.67	262 51.47	N20 07.74	218 44.04	N23 23.12	247 33.36	N20 42.68	299 35.36	N07 33.08	332 37.22	15.50	S11 54.74	11.04	54.00
09	332 26.08	294 48.62	N14 36.74	277 52.16	N20 08.15	233 46.20	N23 23.11	262 35.57	N20 42.72	314 35.53	N07 34.01	347 11.72	15.54	S11 43.70	11.08	53.99
10	347 28.54	309 48.10	N14 37.81	292 52.86	N20 08.57	248 48.35	N23 23.10	277 37.78	N20 42.76	329 35.70	N07 34.94	001 46.26	15.58	S11 32.62	11.12	53.99
11	002 31.01	324 47.59	N14 38.88	307 53.55	N20 08.98	263 50.51	N23 23.08	292 39.99	N20 42.80	344 35.87	N07 35.87	016 20.83	15.61	S11 21.50	11.17	53.98
12	017 33.47	339 47.07	N14 39.94	322 54.24	N20 09.40	278 52.66	N23 23.07	307 42.20	N20 42.84	359 36.04	N07 36.80	030 55.45	15.65	S11 10.33	11.21	53.98
13	032 35.93	354 46.56	N14 41.01	337 54.94	N20 09.81	293 54.81	N23 23.05	322 44.41	N20 42.88	014 36.21	N07 37.73	045 30.10	15.69	S10 59.12	11.25	53.98
14	047 38.40	009 46.04	N14 42.08	352 55.63	N20 10.23	308 56.97	N23 23.04	337 46.62	N20 42.93	029 36.38	N07 38.66	060 04.78	15.72	S10 47.86	11.29	53.97
15	062 40.86	024 45.53	N14 43.15	007 56.32	N20 10.64	323 59.12	N23 23.03	352 48.83	N20 42.97	044 36.55	N07 39.59	074 39.51	15.76	S10 36.57	11.33	53.97
16	077 43.33	039 45.01	N14 44.21	022 57.01	N20 11.05	339 01.27	N23 23.01	007 51.04	N20 43.01	059 36.72	N07 40.52	089 14.26	15.79	S10 25.24	11.37	53.97
17	092 45.79	054 44.49	N14 45.28	037 57.71	N20 11.47	354 03.42	N23 23.00	022 53.25	N20 43.05	074 36.89	N07 41.45	103 49.06	15.83	S10 13.86	11.41	53.97
18	107 48.25	069 43.98	N14 46.34	052 58.40	N20 11.88	009 05.57	N23 22.98	037 55.46	N20 43.09	089 37.06	N07 42.38	118 23.88	15.86	S10 02.45	11.45	53.96
19	122 50.72	084 43.46	N14 47.41	067 59.09	N20 12.29	024 07.73	N23 22.97	052 57.66	N20 43.13	104 37.23	N07 43.30	132 58.74	15.89	S09 51.00	11.49	53.96
20	137 53.18	099 42.94	N14 48.47	082 59.78	N20 12.71	039 09.88	N23 22.96	067 59.87	N20 43.17	119 37.40	N07 44.23	147 33.63	15.92	S09 39.51	11.53	53.96
21	152 55.65	114 42.42	N14 49.53	098 00.48	N20 13.12	054 12.03	N23 22.94	083 02.08	N20 43.21	134 37.57	N07 45.16	162 08.55	15.95	S09 27.98	11.56	53.96
22	167 58.11	129 41.91	N14 50.60	113 01.17	N20 13.53	069 14.18	N23 22.93	098 04.29	N20 43.25	149 37.73	N07 46.09	176 43.50	15.98	S09 16.42	11.60	53.96
23	183 00.57	144 41.39	N14 51.66	128 01.86	N20 13.94	084 16.33	N23 22.91	113 06.50	N20 43.29	164 37.90	N07 47.01	191 18.49	16.01	S09 04.82	11.63	53.96
10 00	198 03.04	159 40.87	N14 52.72	143 02.55	N20 14.35	099 18.48	N23 22.90	128 08.71	N20 43.33	179 38.07	N07 47.94	205 53.50	16.04	S08 53.19	11.67	53.95
01	213 05.50	174 40.35	N14 53.78	158 03.24	N20 14.76	114 20.63	N23 22.88	143 10.91	N20 43.38	194 38.24	N07 48.87	220 28.53	16.07	S08 41.52	11.70	53.95
02	228 07.97	189 39.83	N14 54.84	173 03.94	N20 15.17	129 22.78	N23 22.87	158 13.12	N20 43.42	209 38.41	N07 49.79	235 03.60	16.09	S08 29.82	11.73	53.95
03	243 10.43	204 39.31	N14 55.90	188 04.63	N20 15.58	144 24.93	N23 22.86	173 15.33	N20 43.46	224 38.58	N07 50.72	249 38.69	16.12	S08 18.09	11.77	53.95
04	258 12.90	219 38.78	N14 56.96	203 05.32	N20 15.99	159 27.08	N23 22.84	188 17.54	N20 43.50	239 38.75	N07 51.65	264 13.81	16.14	S08 06.32	11.80	53.95
05	273 15.36	234 38.26	N14 58.01	218 06.01	N20 16.40	174 29.22	N23 22.83	203 19.75	N20 43.54	254 38.91	N07 52.57	278 48.95	16.17	S07 54.53	11.83	53.95
06	288 17.82	249 37.74	N14 59.07	233 06.70	N20 16.81	189 31.37	N23 22.81	218 21.95	N20 43.58	269 39.08	N07 53.50	293 24.12	16.19	S07 42.70	11.86	53.95
07	303 20.29	264 37.22	N15 00.13	248 07.39	N20 17.22	204 33.52	N23 22.80	233 24.16	N20 43.62	284 39.25	N07 54.42	307 59.31	16.21	S07 30.84	11.89	53.95
08	318 22.75	279 36.70	N15 01.18	263 08.08	N20 17.63	219 35.67	N23 22.78	248 26.37	N20 43.66	299 39.42	N07 55.35	322 34.53	16.24	S07 18.95	11.92	53.95
09	333 25.22	294 36.17	N15 02.24	278 08.78	N20 18.04	234 37.82	N23 22.77	263 28.57	N20 43.70	314 39.59	N07 56.27	337 09.76	16.26	S07 07.04	11.94	53.95
10	348 27.68	309 35.65	N15 03.29	293 09.47	N20 18.45	249 39.96	N23 22.75	278 30.78	N20 43.74	329 39.75	N07 57.20	351 45.02	16.28	S06 55.09	11.97	53.95
11	003 30.14	324 35.12	N15 04.35	308 10.16	N20 18.86	264 42.11	N23 22.74	293 32.99	N20 43.79	344 39.92	N07 58.12	006 20.30	16.30	S06 43.12	12.00	53.96
12	018 32.61	339 34.60	N15 05.40	323 10.85	N20 19.26	279 44.26	N23 22.73	308 35.19	N20 43.83	359 40.09	N07 59.05	020 55.59	16.32	S06 31.12	12.02	53.96
13	033 35.07	354 34.07	N15 06.45	338 11.54	N20 19.67	294 46.40	N23 22.71	323 37.40	N20 43.87	014 40.25	N07 59.97	035 30.91	16.33	S06 19.10	12.05	53.96
14	048 37.54	009 33.55	N15 07.51	353 12.23	N20 20.08	309 48.55	N23 22.70	338 39.61	N20 43.91	029 40.42	N08 00.89	050 06.24	16.35	S06 07.05	12.07	53.96
15	063 40.00	024 33.02	N15 08.56	008 12.92	N20 20.48	324 50.70	N23 22.68	353 41.81	N20 43.95	044 40.59	N08 01.82	064 41.59	16.37	S05 54.98	12.10	53.96
16	078 42.46	039 32.50	N15 09.61	023 13.61	N20 20.89	339 52.84	N23 22.67	008 44.02	N20 43.99	059 40.76	N08 02.74	079 16.96	16.38	S05 42.88	12.12	53.96
17	093 44.93	054 31.97	N15 10.66	038 14.30	N20 21.30	354 54.99	N23 22.65	023 46.23	N20 44.03	074 40.92	N08 03.66	093 52.34	16.40	S05 30.76	12.14	53.97
18	108 47.39	069 31.44	N15 11.71	053 14.99	N20 21.70	009 57.13	N23 22.64	038 48.43	N20 44.07	089 41.09	N08 04.59	108 27.74	16.41	S05 18.62	12.16	53.97
19	123 49.86	084 30.92	N15 12.76	068 15.68	N20 22.11	024 59.28	N23 22.62	053 50.64	N20 44.11	104 41.25	N08 05.51	123 03.15	16.42	S05 06.45	12.19	53.97
20	138 52.32	099 30.39	N15 13.80	083 16.37	N20 22.51	040 01.42	N23 22.61	068 52.84	N20 44.15	119 41.42	N08 06.43	137 38.58	16.44	S04 54.27	12.21	53.97
21	153 54.78	114 29.86	N15 14.85	098 17.06	N20 22.92	055 03.57	N23 22.59	083 55.05	N20 44.20	134 41.59	N08 07.35	152 14.01	16.45	S04 42.06	12.23	53.98
22	168 57.25	129 29.33	N15 15.90	113 17.75	N20 23.32	070 05.71	N23 22.58	098 57.25	N20 44.24	149 41.75	N08 08.28	166 49.46	16.46	S04 29.84	12.24	53.98
23	183 59.71	144 28.80	N15 16.94	128 18.44	N20 23.72	085 07.86	N23 22.56	113 59.46	N20 44.28	164 41.92	N08 09.20	181 24.92	16.47	S04 17.59	12.26	53.98
		v -0.52	d 1.06	v 0.69	d 0.41	v 2.15	d 0.01	v 2.21	d 0.04	v 0.17	d 0.93	SD	14.71	14.70		
		HP 0.09		HP 0.07						SD 15.97	HP 0.15					

Thursday April 11, 2002 through Friday April 12, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
11 00	199 02.18	159 28.27	N15 17.99	143 19.13	N20 24.13	100 10.00	N23 22.55	129 01.67	N20 44.32	179 42.09	N08 10.12	196 00.39	16.48	S04 05.33	12.28	53.98
01	214 04.64	174 27.74	N15 19.03	158 19.82	N20 24.53	115 12.14	N23 22.53	144 03.87	N20 44.36	194 42.25	N08 11.04	210 35.87	16.49	S03 53.05	12.30	53.99
02	229 07.10	189 27.21	N15 20.08	173 20.51	N20 24.94	130 14.28	N23 22.52	159 06.08	N20 44.40	209 42.42	N08 11.96	225 11.35	16.49	S03 40.75	12.31	53.99
03	244 09.57	204 26.68	N15 21.12	188 21.20	N20 25.34	145 16.43	N23 22.50	174 08.28	N20 44.44	224 42.58	N08 12.88	239 46.85	16.50	S03 28.44	12.33	54.00
04	259 12.03	219 26.15	N15 22.17	203 21.89	N20 25.74	160 18.57	N23 22.49	189 10.48	N20 44.48	239 42.75	N08 13.80	254 22.35	16.51	S03 16.11	12.34	54.00
05	274 14.50	234 25.62	N15 23.21	218 22.58	N20 26.14	175 20.71	N23 22.47	204 12.69	N20 44.52	254 42.91	N08 14.72	268 57.85	16.51	S03 03.77	12.36	54.00
06	289 16.96	249 25.08	N15 24.25	233 23.27	N20 26.54	190 22.85	N23 22.46	219 14.89	N20 44.56	269 43.08	N08 15.64	283 33.36	16.52	S02 51.41	12.37	54.01
07	304 19.42	264 24.55	N15 25.29	248 23.96	N20 26.95	205 25.00	N23 22.44	234 17.10	N20 44.61	284 43.24	N08 16.56	298 08.88	16.52	S02 39.04	12.38	54.01
08	319 21.89	279 24.02	N15 26.33	263 24.65	N20 27.35	220 27.14	N23 22.43	249 19.30	N20 44.65	299 43.41	N08 17.48	312 44.40	16.52	S02 26.65	12.40	54.02
09	334 24.35	294 23.48	N15 27.37	278 25.33	N20 27.75	235 29.28	N23 22.41	264 21.51	N20 44.69	314 43.57	N08 18.40	327 19.92	16.52	S02 14.26	12.41	54.02
10	349 26.82	309 22.95	N15 28.41	293 26.02	N20 28.15	250 31.42	N23 22.40	279 23.71	N20 44.73	329 43.74	N08 19.32	341 55.44	16.52	S02 01.85	12.42	54.03
11	004 29.28	324 22.41	N15 29.45	308 26.71	N20 28.55	265 33.56	N23 22.38	294 25.91	N20 44.77	344 43.90	N08 20.24	356 30.96	16.52	S01 49.43	12.43	54.03
12	019 31.74	339 21.88	N15 30.48	323 27.40	N20 28.95	280 35.70	N23 22.37	309 28.12	N20 44.81	359 44.06	N08 21.16	011 06.49	16.52	S01 37.00	12.44	54.04
13	034 34.21	354 21.34	N15 31.52	338 28.09	N20 29.35	295 37.84	N23 22.35	324 30.32	N20 44.85	014 44.23	N08 22.07	025 42.01	16.52	S01 24.56	12.45	54.04
14	049 36.67	009 20.81	N15 32.56	353 28.78	N20 29.75	310 39.98	N23 22.34	339 32.52	N20 44.89	029 44.39	N08 22.99	040 17.53	16.52	S01 12.12	12.45	54.05
15	064 39.14	024 20.27	N15 33.59	008 29.47	N20 30.15	325 42.12	N23 22.32	354 34.73	N20 44.93	044 44.56	N08 23.91	054 53.05	16.52	S00 59.66	12.46	54.05
16	079 41.60	039 19.74	N15 34.63	023 30.15	N20 30.55	340 44.26	N23 22.31	009 36.93	N20 44.98	059 44.72	N08 24.83	069 28.57	16.51	S00 47.20	12.47	54.06
17	094 44.06	054 19.20	N15 35.66	038 30.84	N20 30.94	355 46.40	N23 22.29	024 39.13	N20 45.02	074 44.88	N08 25.75	084 04.08	16.51	S00 34.73	12.47	54.07
18	109 46.53	069 18.66	N15 36.70	053 31.53	N20 31.34	010 48.54	N23 22.28	039 41.34	N20 45.06	089 45.05	N08 26.66	098 39.58	16.50	S00 22.26	12.48	54.07
19	124 48.99	084 18.12	N15 37.73	068 32.22	N20 31.74	025 50.68	N23 22.26	054 43.54	N20 45.10	104 45.21	N08 27.58	113 15.09	16.49	S00 09.78	12.48	54.08
20	139 51.46	099 17.58	N15 38.76	083 32.91	N20 32.14	040 52.81	N23 22.25	069 45.74	N20 45.14	119 45.37	N08 28.50	127 50.58	16.49	N00 02.70	12.49	54.09
21	154 53.92	114 17.05	N15 39.79	098 33.59	N20 32.54	055 54.95	N23 22.23	084 47.95	N20 45.18	134 45.54	N08 29.41	142 26.07	16.48	N00 15.19	12.49	54.09
22	169 56.38	129 16.51	N15 40.82	113 34.28	N20 32.93	070 57.09	N23 22.22	099 50.15	N20 45.22	149 45.70	N08 30.33	157 01.55	16.47	N00 27.68	12.49	54.10
23	184 58.85	144 15.97	N15 41.85	128 34.97	N20 33.33	085 59.23	N23 22.20	114 52.35	N20 45.26	164 45.86	N08 31.24	171 37.02	16.46	N00 40.17	12.49	54.11
12 00	200 01.31	159 15.43	N15 42.88	143 35.66	N20 33.73	101 01.36	N23 22.18	129 54.55	N20 45.31	179 46.03	N08 32.16	186 12.48	16.45	N00 52.66	12.49	54.11
01	215 03.78	174 14.89	N15 43.91	158 36.34	N20 34.12	116 03.50	N23 22.17	144 56.75	N20 45.35	194 46.19	N08 33.08	200 47.92	16.44	N01 05.16	12.49	54.12
02	230 06.24	189 14.34	N15 44.94	173 37.03	N20 34.52	131 05.64	N23 22.15	159 58.96	N20 45.39	209 46.35	N08 33.99	215 23.36	16.43	N01 17.65	12.49	54.13
03	245 08.70	204 13.80	N15 45.97	188 37.72	N20 34.91	146 07.77	N23 22.14	175 01.16	N20 45.43	224 46.51	N08 34.91	229 58.79	16.41	N01 30.14	12.49	54.14
04	260 11.17	219 13.26	N15 46.99	203 38.41	N20 35.31	161 09.91	N23 22.12	190 03.36	N20 45.47	239 46.68	N08 35.82	244 34.20	16.40	N01 42.63	12.49	54.14
05	275 13.63	234 12.72	N15 48.02	218 39.09	N20 35.70	176 12.05	N23 22.11	205 05.56	N20 45.51	254 46.84	N08 36.73	259 09.60	16.38	N01 55.12	12.49	54.15
06	290 16.10	249 12.18	N15 49.05	233 39.78	N20 36.10	191 14.18	N23 22.09	220 07.76	N20 45.55	269 47.00	N08 37.65	273 44.98	16.37	N02 07.61	12.48	54.16
07	305 18.56	264 11.63	N15 50.07	248 40.47	N20 36.49	206 16.32	N23 22.08	235 09.97	N20 45.59	284 47.16	N08 38.56	288 20.35	16.35	N02 20.09	12.48	54.17
08	320 21.02	279 11.09	N15 51.09	263 41.15	N20 36.88	221 18.45	N23 22.06	250 12.17	N20 45.63	299 47.32	N08 39.48	302 55.70	16.33	N02 32.57	12.47	54.17
09	335 23.49	294 10.54	N15 52.12	278 41.84	N20 37.28	236 20.59	N23 22.04	265 14.37	N20 45.68	314 47.48	N08 40.39	317 31.04	16.32	N02 45.04	12.47	54.18
10	350 25.95	309 10.00	N15 53.14	293 42.53	N20 37.67	251 22.72	N23 22.03	280 16.57	N20 45.72	329 47.65	N08 41.30	332 06.35	16.30	N02 57.51	12.46	54.19
11	005 28.42	324 09.45	N15 54.16	308 43.21	N20 38.06	266 24.86	N23 22.01	295 18.77	N20 45.76	344 47.81	N08 42.22	346 41.65	16.28	N03 09.97	12.45	54.20
12	020 30.88	339 08.91	N15 55.18	323 43.90	N20 38.46	281 26.99	N23 22.00	310 20.97	N20 45.80	359 47.97	N08 43.13	001 16.93	16.26	N03 22.43	12.45	54.21
13	035 33.34	354 08.36	N15 56.20	338 44.59	N20 38.85	296 29.12	N23 21.98	325 23.17	N20 45.84	014 48.13	N08 44.04	015 52.18	16.24	N03 34.87	12.44	54.22
14	050 35.81	009 07.82	N15 57.22	353 45.27	N20 39.24	311 31.26	N23 21.96	340 25.37	N20 45.88	029 48.29	N08 44.95	030 27.42	16.21	N03 47.31	12.43	54.23
15	065 38.27	024 07.27	N15 58.24	008 45.96	N20 39.63	326 33.39	N23 21.95	355 27.57	N20 45.92	044 48.45	N08 45.86	045 02.63	16.19	N03 59.73	12.42	54.24
16	080 40.74	039 06.72	N15 59.26	023 46.64	N20 40.02	341 35.52	N23 21.93	010 29.77	N20 45.96	059 48.61	N08 46.78	059 37.82	16.17	N04 12.15	12.41	54.25
17	095 43.20	054 06.18	N16 00.28	038 47.33	N20 40.41	356 37.66	N23 21.92	025 31.97	N20 46.01	074 48.77	N08 47.69	074 12.99	16.14	N04 24.56	12.39	54.26
18	110 45.67	069 05.63	N16 01.30	053 48.02	N20 40.80	011 39.79	N23 21.90	040 34.17	N20 46.05	089 48.93	N08 48.60	088 48.13	16.12	N04 36.95	12.38	54.27
19	125 48.13	084 05.08	N16 02.31	068 48.70	N20 41.19	026 41.92	N23 21.88	055 36.37	N20 46.09	104 49.09	N08 49.51	103 23.24	16.09	N04 49.33	12.37	54.27
20	140 50.59	099 04.53	N16 03.33	083 49.39	N20 41.58	041 44.05	N23 21.87	070 38.57	N20 46.13	119 49.25	N08 50.42	117 58.33	16.06	N05 01.70	12.35	54.28
21	155 53.06	114 03.98	N16 04.34	098 50.07	N20 41.97	056 46.18	N23 21.85	085 40.77	N20 46.17	134 49.41	N08 51.33	132 33.39	16.03	N05 14.05	12.34	54.29
22	170 55.52	129 03.43	N16 05.36	113 50.76	N20 42.36	071 48.32	N23 21.84	100 42.97	N20 46.21	149 49.57	N08 52.24	147 08.43	16.01	N05 26.39	12.32	54.31
23	185 57.99	144 02.88	N16 06.37	128 51.44	N20 42.75	086 50.45	N23 21.82	115 45.17	N20 46.25	164 49.73	N08 53.15	161 43.43	15.98	N05 38.71	12.31	54.32
		v -0.54	d 1.03	v 0.69	d 0.40	v 2.14	d 0.02	v 2.20	d 0.04	v 0.16	d 0.92	SD	14.72	14.77		
		HP 0.09		HP 0.07						SD 15.96	HP 0.15					

Saturday April 13, 2002 through Sunday April 14, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
13 00	201 00.45	159 02.33	N16 07.38	143 52.13	N20 43.14	101 52.58	N23 21.80	130 47.37	N20 46.29	179 49.89	N08 54.06	176 18.41	15.95	N05 51.02	12.29	54.33
01	216 02.91	174 01.78	N16 08.40	158 52.82	N20 43.53	116 54.71	N23 21.79	145 49.57	N20 46.34	194 50.05	N08 54.97	190 53.36	15.91	N06 03.31	12.27	54.34
02	231 05.38	189 01.23	N16 09.41	173 53.50	N20 43.92	131 56.84	N23 21.77	160 51.77	N20 46.38	209 50.21	N08 55.88	205 28.27	15.88	N06 15.58	12.25	54.35
03	246 07.84	204 00.67	N16 10.42	188 54.19	N20 44.30	146 58.97	N23 21.76	175 53.97	N20 46.42	224 50.37	N08 56.79	220 03.15	15.85	N06 27.83	12.23	54.36
04	261 10.31	219 00.12	N16 11.43	203 54.87	N20 44.69	162 01.10	N23 21.74	190 56.17	N20 46.46	239 50.53	N08 57.70	234 38.00	15.82	N06 40.06	12.21	54.37
05	276 12.77	233 59.57	N16 12.44	218 55.56	N20 45.08	177 03.23	N23 21.72	205 58.37	N20 46.50	254 50.69	N08 58.60	249 12.82	15.78	N06 52.27	12.19	54.38
06	291 15.23	248 59.01	N16 13.45	233 56.24	N20 45.47	192 05.36	N23 21.71	221 00.56	N20 46.54	269 50.85	N08 59.51	263 47.60	15.75	N07 04.46	12.17	54.39
07	306 17.70	263 58.46	N16 14.46	248 56.92	N20 45.85	207 07.49	N23 21.69	236 02.76	N20 46.58	284 51.00	N09 00.42	278 22.34	15.71	N07 16.63	12.15	54.40
08	321 20.16	278 57.91	N16 15.46	263 57.61	N20 46.24	222 09.61	N23 21.67	251 04.96	N20 46.63	299 51.16	N09 01.33	292 57.05	15.67	N07 28.78	12.12	54.41
09	336 22.63	293 57.35	N16 16.47	278 58.29	N20 46.62	237 11.74	N23 21.66	266 07.16	N20 46.67	314 51.32	N09 02.23	307 31.73	15.64	N07 40.90	12.10	54.43
10	351 25.09	308 56.80	N16 17.48	293 58.98	N20 47.01	252 13.87	N23 21.64	281 09.36	N20 46.71	329 51.48	N09 03.14	322 06.36	15.60	N07 53.00	12.07	54.44
11	006 27.55	323 56.24	N16 18.48	308 59.66	N20 47.39	267 16.00	N23 21.62	296 11.56	N20 46.75	344 51.64	N09 04.05	336 40.96	15.56	N08 05.07	12.05	54.45
12	021 30.02	338 55.68	N16 19.49	324 00.35	N20 47.78	282 18.13	N23 21.61	311 13.75	N20 46.79	359 51.80	N09 04.95	351 15.52	15.52	N08 17.11	12.02	54.46
13	036 32.48	353 55.13	N16 20.49	339 01.03	N20 48.16	297 20.25	N23 21.59	326 15.95	N20 46.83	014 51.95	N09 05.86	005 50.03	15.48	N08 29.13	11.99	54.47
14	051 34.95	008 54.57	N16 21.49	354 01.72	N20 48.55	312 22.38	N23 21.57	341 18.15	N20 46.87	029 52.11	N09 06.77	020 24.51	15.44	N08 41.12	11.96	54.49
15	066 37.41	023 54.01	N16 22.49	009 02.40	N20 48.93	327 24.51	N23 21.56	356 20.35	N20 46.91	044 52.27	N09 07.67	034 58.95	15.39	N08 53.09	11.93	54.50
16	081 39.87	038 53.46	N16 23.50	024 03.08	N20 49.32	342 26.64	N23 21.54	011 22.54	N20 46.96	059 52.43	N09 08.58	049 33.34	15.35	N09 05.02	11.90	54.51
17	096 42.34	053 52.90	N16 24.50	039 03.77	N20 49.70	357 28.76	N23 21.53	026 24.74	N20 47.00	074 52.58	N09 09.48	064 07.69	15.31	N09 16.92	11.87	54.52
18	111 44.80	068 52.34	N16 25.50	054 04.45	N20 50.08	012 30.89	N23 21.51	041 26.94	N20 47.04	089 52.74	N09 10.39	078 41.99	15.26	N09 28.79	11.84	54.54
19	126 47.27	083 51.78	N16 26.50	069 05.13	N20 50.46	027 33.01	N23 21.49	056 29.14	N20 47.08	104 52.90	N09 11.29	093 16.26	15.22	N09 40.63	11.81	54.55
20	141 49.73	098 51.22	N16 27.50	084 05.82	N20 50.85	042 35.14	N23 21.47	071 31.33	N20 47.12	119 53.05	N09 12.20	107 50.47	15.17	N09 52.44	11.77	54.56
21	156 52.19	113 50.66	N16 28.49	099 06.50	N20 51.23	057 37.27	N23 21.46	086 33.53	N20 47.16	134 53.21	N09 13.10	122 24.64	15.12	N10 04.21	11.74	54.58
22	171 54.66	128 50.10	N16 29.49	114 07.19	N20 51.61	072 39.39	N23 21.44	101 35.73	N20 47.20	149 53.37	N09 14.00	136 58.76	15.08	N10 15.95	11.70	54.59
23	186 57.12	143 49.54	N16 30.49	129 07.87	N20 51.99	087 41.52	N23 21.42	116 37.92	N20 47.25	164 53.52	N09 14.91	151 32.84	15.03	N10 27.66	11.67	54.60
14 00	201 59.59	158 48.98	N16 31.48	144 08.55	N20 52.37	102 43.64	N23 21.41	131 40.12	N20 47.29	179 53.68	N09 15.81	166 06.87	14.98	N10 39.32	11.63	54.62
01	217 02.05	173 48.41	N16 32.48	159 09.24	N20 52.75	117 45.76	N23 21.39	146 42.32	N20 47.33	194 53.83	N09 16.71	180 40.84	14.93	N10 50.95	11.59	54.63
02	232 04.51	188 47.85	N16 33.47	174 09.92	N20 53.13	132 47.89	N23 21.37	161 44.51	N20 47.37	209 53.99	N09 17.62	195 14.77	14.88	N11 02.54	11.55	54.64
03	247 06.98	203 47.29	N16 34.47	189 10.60	N20 53.51	147 50.01	N23 21.36	176 46.71	N20 47.41	224 54.15	N09 18.52	209 48.65	14.83	N11 14.10	11.51	54.66
04	262 09.44	218 46.73	N16 35.46	204 11.28	N20 53.89	162 52.14	N23 21.34	191 48.90	N20 47.45	239 54.30	N09 19.42	224 22.47	14.77	N11 25.61	11.47	54.67
05	277 11.91	233 46.16	N16 36.45	219 11.97	N20 54.27	177 54.26	N23 21.32	206 51.10	N20 47.49	254 54.46	N09 20.32	238 56.25	14.72	N11 37.08	11.43	54.69
06	292 14.37	248 45.60	N16 37.44	234 12.65	N20 54.65	192 56.38	N23 21.31	221 53.30	N20 47.53	269 54.61	N09 21.23	253 29.97	14.67	N11 48.51	11.39	54.70
07	307 16.84	263 45.03	N16 38.43	249 13.33	N20 55.03	207 58.50	N23 21.29	236 55.49	N20 47.58	284 54.77	N09 22.13	268 03.64	14.61	N11 59.90	11.34	54.71
08	322 19.30	278 44.47	N16 39.42	264 14.02	N20 55.41	223 00.63	N23 21.27	251 57.69	N20 47.62	299 54.92	N09 23.03	282 37.25	14.56	N12 11.25	11.30	54.73
09	337 21.76	293 43.90	N16 40.41	279 14.70	N20 55.79	238 02.75	N23 21.25	266 59.88	N20 47.66	314 55.08	N09 23.93	297 10.81	14.50	N12 22.55	11.26	54.74
10	352 24.23	308 43.34	N16 41.40	294 15.38	N20 56.17	253 04.87	N23 21.24	282 02.08	N20 47.70	329 55.23	N09 24.83	311 44.31	14.45	N12 33.80	11.21	54.76
11	007 26.69	323 42.77	N16 42.39	309 16.06	N20 56.54	268 06.99	N23 21.22	297 04.27	N20 47.74	344 55.39	N09 25.73	326 17.76	14.39	N12 45.01	11.16	54.77
12	022 29.16	338 42.20	N16 43.38	324 16.74	N20 56.92	283 09.12	N23 21.20	312 06.47	N20 47.78	359 55.54	N09 26.63	340 51.15	14.33	N12 56.17	11.11	54.79
13	037 31.62	353 41.63	N16 44.36	339 17.43	N20 57.30	298 11.24	N23 21.19	327 08.66	N20 47.82	014 55.70	N09 27.53	355 24.48	14.27	N13 07.29	11.07	54.80
14	052 34.08	008 41.07	N16 45.35	354 18.11	N20 57.67	313 13.36	N23 21.17	342 10.86	N20 47.87	029 55.85	N09 28.43	009 57.75	14.21	N13 18.36	11.02	54.82
15	067 36.55	023 40.50	N16 46.33	009 18.79	N20 58.05	328 15.48	N23 21.15	357 13.05	N20 47.91	044 56.00	N09 29.33	024 30.96	14.15	N13 29.37	10.97	54.83
16	082 39.01	038 39.93	N16 47.32	024 19.47	N20 58.43	343 17.60	N23 21.13	012 15.25	N20 47.95	059 56.16	N09 30.23	039 04.12	14.09	N13 40.34	10.91	54.85
17	097 41.48	053 39.36	N16 48.30	039 20.15	N20 58.80	358 19.72	N23 21.12	027 17.44	N20 47.99	074 56.31	N09 31.13	053 37.21	14.03	N13 51.25	10.86	54.86
18	112 43.94	068 38.79	N16 49.29	054 20.84	N20 59.18	013 21.84	N23 21.10	042 19.64	N20 48.03	089 56.47	N09 32.02	068 10.25	13.97	N14 02.11	10.81	54.88
19	127 46.40	083 38.22	N16 50.27	069 21.52	N20 59.55	028 23.96	N23 21.08	057 21.83	N20 48.07	104 56.62	N09 32.92	082 43.22	13.91	N14 12.92	10.75	54.90
20	142 48.87	098 37.65	N16 51.25	084 22.20	N20 59.93	043 26.08	N23 21.06	072 24.02	N20 48.11	119 56.77	N09 33.82	097 16.13	13.85	N14 23.67	10.70	54.91
21	157 51.33	113 37.08	N16 52.23	099 22.88	N21 00.30	058 28.20	N23 21.05	087 26.22	N20 48.16	134 56.93	N09 34.72	111 48.98	13.78	N14 34.37	10.64	54.93
22	172 53.80	128 36.51	N16 53.21	114 23.56	N21 00.67	073 30.32	N23 21.03	102 28.41	N20 48.20	149 57.08	N09 35.62	126 21.76	13.72	N14 45.01	10.58	54.94
23	187 56.26	143 35.94	N16 54.19	129 24.24	N21 01.05	088 32.44	N23 21.01	117 30.61	N20 48.24	164 57.23	N09 36.51	140 54.48	13.66	N14 55.60	10.53	54.96
		v -0.56	d 1.00	v 0.68	d 0.38	v 2.12	d 0.02	v 2.20	d 0.04	v 0.16	d 0.90	SD	14.84	14.93		
		HP 0.09		HP 0.07						SD 15.95	HP 0.15					

Monday April 15, 2002 through Tuesday April 16, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
15 00	202 58.72	158 35.36	N16 55.17	144 24.92	N21 01.42	103 34.55	N23 20.99	132 32.80	N20 48.28	179 57.38	N09 37.41	155 27.14	13.59	N15 06.12	10.47	54.98
01	218 01.19	173 34.79	N16 56.14	159 25.61	N21 01.79	118 36.67	N23 20.98	147 34.99	N20 48.32	194 57.54	N09 38.31	169 59.73	13.53	N15 16.59	10.41	54.99
02	233 03.65	188 34.22	N16 57.12	174 26.29	N21 02.17	133 38.79	N23 20.96	162 37.19	N20 48.36	209 57.69	N09 39.20	184 32.25	13.46	N15 27.00	10.35	55.01
03	248 06.12	203 33.64	N16 58.10	189 26.97	N21 02.54	148 40.91	N23 20.94	177 39.38	N20 48.40	224 57.84	N09 40.10	199 04.71	13.39	N15 37.34	10.28	55.03
04	263 08.58	218 33.07	N16 59.07	204 27.65	N21 02.91	163 43.02	N23 20.92	192 41.57	N20 48.45	239 57.99	N09 40.99	213 37.11	13.32	N15 47.63	10.22	55.04
05	278 11.05	233 32.49	N17 00.05	219 28.33	N21 03.28	178 45.14	N23 20.91	207 43.77	N20 48.49	254 58.15	N09 41.89	228 09.43	13.26	N15 57.85	10.16	55.06
06	293 13.51	248 31.92	N17 01.02	234 29.01	N21 03.66	193 47.26	N23 20.89	222 45.96	N20 48.53	269 58.30	N09 42.78	242 41.69	13.19	N16 08.00	10.09	55.08
07	308 15.97	263 31.34	N17 01.99	249 29.69	N21 04.03	208 49.38	N23 20.87	237 48.15	N20 48.57	284 58.45	N09 43.68	257 13.88	13.12	N16 18.09	10.03	55.10
08	323 18.44	278 30.77	N17 02.97	264 30.37	N21 04.40	223 51.49	N23 20.85	252 50.35	N20 48.61	299 58.60	N09 44.57	271 46.00	13.05	N16 28.12	09.96	55.11
09	338 20.90	293 30.19	N17 03.94	279 31.05	N21 04.77	238 53.61	N23 20.84	267 52.54	N20 48.65	314 58.75	N09 45.47	286 18.05	12.98	N16 38.08	09.89	55.13
10	353 23.37	308 29.61	N17 04.91	294 31.73	N21 05.14	253 55.72	N23 20.82	282 54.73	N20 48.70	329 58.90	N09 46.36	300 50.03	12.91	N16 47.97	09.82	55.15
11	008 25.83	323 29.04	N17 05.88	309 32.41	N21 05.51	268 57.84	N23 20.80	297 56.92	N20 48.74	344 59.05	N09 47.26	315 21.94	12.84	N16 57.79	09.75	55.17
12	023 28.29	338 28.46	N17 06.85	324 33.09	N21 05.88	283 59.96	N23 20.78	312 59.12	N20 48.78	359 59.20	N09 48.15	329 53.78	12.77	N17 07.54	09.68	55.19
13	038 30.76	353 27.88	N17 07.82	339 33.77	N21 06.25	299 02.07	N23 20.76	328 01.31	N20 48.82	014 59.36	N09 49.04	344 25.55	12.70	N17 17.22	09.61	55.20
14	053 33.22	008 27.30	N17 08.78	354 34.45	N21 06.62	314 04.19	N23 20.75	343 03.50	N20 48.86	029 59.51	N09 49.93	358 57.25	12.63	N17 26.83	09.54	55.22
15	068 35.69	023 26.72	N17 09.75	009 35.13	N21 06.98	329 06.30	N23 20.73	358 05.69	N20 48.90	044 59.66	N09 50.83	013 28.87	12.55	N17 36.36	09.46	55.24
16	083 38.15	038 26.14	N17 10.72	024 35.81	N21 07.35	344 08.41	N23 20.71	013 07.88	N20 48.94	059 59.81	N09 51.72	028 00.43	12.48	N17 45.83	09.39	55.26
17	098 40.61	053 25.56	N17 11.68	039 36.49	N21 07.72	359 10.53	N23 20.69	028 10.08	N20 48.99	074 59.96	N09 52.61	042 31.91	12.41	N17 55.21	09.31	55.28
18	113 43.08	068 24.98	N17 12.65	054 37.17	N21 08.09	014 12.64	N23 20.67	043 12.27	N20 49.03	090 00.11	N09 53.50	057 03.32	12.33	N18 04.52	09.23	55.30
19	128 45.54	083 24.40	N17 13.61	069 37.85	N21 08.45	029 14.76	N23 20.66	058 14.46	N20 49.07	105 00.26	N09 54.39	071 34.65	12.26	N18 13.76	09.15	55.31
20	143 48.01	098 23.82	N17 14.58	084 38.53	N21 08.82	044 16.87	N23 20.64	073 16.65	N20 49.11	120 00.41	N09 55.29	086 05.91	12.19	N18 22.91	09.08	55.33
21	158 50.47	113 23.24	N17 15.54	099 39.21	N21 09.19	059 18.98	N23 20.62	088 18.84	N20 49.15	135 00.56	N09 56.18	100 37.10	12.11	N18 31.99	09.00	55.35
22	173 52.93	128 22.66	N17 16.50	114 39.89	N21 09.55	074 21.10	N23 20.60	103 21.03	N20 49.19	150 00.71	N09 57.07	115 08.21	12.04	N18 40.98	08.91	55.37
23	188 55.40	143 22.07	N17 17.46	129 40.57	N21 09.92	089 23.21	N23 20.58	118 23.22	N20 49.23	165 00.86	N09 57.96	129 39.25	11.96	N18 49.90	08.83	55.39
16 00	203 57.86	158 21.49	N17 18.42	144 41.25	N21 10.29	104 25.32	N23 20.57	133 25.41	N20 49.28	180 01.00	N09 58.85	144 10.21	11.89	N18 58.73	08.75	55.41
01	219 00.33	173 20.91	N17 19.38	159 41.93	N21 10.65	119 27.43	N23 20.55	148 27.61	N20 49.32	195 01.15	N09 59.74	158 41.10	11.81	N19 07.48	08.67	55.43
02	234 02.79	188 20.32	N17 20.34	174 42.61	N21 11.02	134 29.55	N23 20.53	163 29.80	N20 49.36	210 01.30	N10 00.63	173 11.91	11.74	N19 16.14	08.58	55.45
03	249 05.26	203 19.74	N17 21.30	189 43.29	N21 11.38	149 31.66	N23 20.51	178 31.99	N20 49.40	225 01.45	N10 01.52	187 42.65	11.66	N19 24.72	08.49	55.47
04	264 07.72	218 19.15	N17 22.26	204 43.97	N21 11.75	164 33.77	N23 20.49	193 34.18	N20 49.44	240 01.60	N10 02.40	202 13.31	11.59	N19 33.22	08.41	55.49
05	279 10.18	233 18.57	N17 23.21	219 44.64	N21 12.11	179 35.88	N23 20.47	208 36.37	N20 49.48	255 01.75	N10 03.29	216 43.90	11.51	N19 41.62	08.32	55.51
06	294 12.65	248 17.98	N17 24.17	234 45.32	N21 12.47	194 37.99	N23 20.46	223 38.56	N20 49.53	270 01.90	N10 04.18	231 14.41	11.43	N19 49.94	08.23	55.53
07	309 15.11	263 17.39	N17 25.12	249 46.00	N21 12.84	209 40.10	N23 20.44	238 40.75	N20 49.57	285 02.04	N10 05.07	245 44.84	11.36	N19 58.17	08.14	55.55
08	324 17.58	278 16.81	N17 26.08	264 46.68	N21 13.20	224 42.21	N23 20.42	253 42.94	N20 49.61	300 02.19	N10 05.96	260 15.20	11.28	N20 06.31	08.05	55.57
09	339 20.04	293 16.22	N17 27.03	279 47.36	N21 13.56	239 44.32	N23 20.40	268 45.13	N20 49.65	315 02.34	N10 06.84	274 45.48	11.20	N20 14.35	07.95	55.59
10	354 22.50	308 15.63	N17 27.98	294 48.04	N21 13.92	254 46.43	N23 20.38	283 47.32	N20 49.69	330 02.49	N10 07.73	289 15.68	11.13	N20 22.31	07.86	55.61
11	009 24.97	323 15.04	N17 28.93	309 48.72	N21 14.29	269 48.54	N23 20.36	298 49.51	N20 49.73	345 02.63	N10 08.62	303 45.81	11.05	N20 30.17	07.77	55.63
12	024 27.43	338 14.45	N17 29.89	324 49.39	N21 14.65	284 50.65	N23 20.35	313 51.70	N20 49.78	000 02.78	N10 09.50	318 15.86	10.97	N20 37.93	07.67	55.66
13	039 29.90	353 13.87	N17 30.84	339 50.07	N21 15.01	299 52.76	N23 20.33	328 53.89	N20 49.82	015 02.93	N10 10.39	332 45.83	10.90	N20 45.61	07.57	55.68
14	054 32.36	008 13.28	N17 31.78	354 50.75	N21 15.37	314 54.87	N23 20.31	343 56.08	N20 49.86	030 03.08	N10 11.28	347 15.73	10.82	N20 53.18	07.48	55.70
15	069 34.83	023 12.69	N17 32.73	009 51.43	N21 15.73	329 56.98	N23 20.29	358 58.27	N20 49.90	045 03.22	N10 12.16	001 45.55	10.74	N21 00.66	07.38	55.72
16	084 37.29	038 12.09	N17 33.68	024 52.11	N21 16.09	344 59.09	N23 20.27	014 00.45	N20 49.94	060 03.37	N10 13.05	016 15.29	10.67	N21 08.03	07.28	55.74
17	099 39.75	053 11.50	N17 34.63	039 52.78	N21 16.45	000 01.19	N23 20.25	029 02.64	N20 49.98	075 03.52	N10 13.93	030 44.96	10.59	N21 15.31	07.18	55.76
18	114 42.22	068 10.91	N17 35.57	054 53.46	N21 16.81	015 03.30	N23 20.23	044 04.83	N20 50.02	090 03.66	N10 14.82	045 14.55	10.51	N21 22.49	07.08	55.78
19	129 44.68	083 10.32	N17 36.52	069 54.14	N21 17.17	030 05.41	N23 20.21	059 07.02	N20 50.07	105 03.81	N10 15.70	059 44.07	10.44	N21 29.57	06.97	55.81
20	144 47.15	098 09.73	N17 37.47	084 54.82	N21 17.53	045 07.52	N23 20.20	074 09.21	N20 50.11	120 03.95	N10 16.59	074 13.51	10.36	N21 36.54	06.87	55.83
21	159 49.61	113 09.13	N17 38.41	099 55.49	N21 17.89	060 09.62	N23 20.18	089 11.40	N20 50.15	135 04.10	N10 17.47	088 42.87	10.29	N21 43.41	06.76	55.85
22	174 52.07	128 08.54	N17 39.35	114 56.17	N21 18.25	075 11.73	N23 20.16	104 13.59	N20 50.19	150 04.25	N10 18.35	103 12.15	10.21	N21 50.17	06.66	55.87
23	189 54.54	143 07.95	N17 40.30	129 56.85	N21 18.61	090 13.84	N23 20.14	119 15.78	N20 50.23	165 04.39	N10 19.24	117 41.36	10.13	N21 56.83	06.55	55.90
		v -0.58	d 0.96	v 0.68	d 0.37	v 2.11	d 0.02	v 2.19	d 0.04	v 0.15	d 0.89	SD	15.03	15.16		
		HP 0.10		HP 0.07						SD 15.94	HP 0.15					

Wednesday April 17, 2002 through Thursday April 18, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
17 00	204 57.00	158 07.35	N17 41.24	144 57.53	N21 18.96	105 15.94	N23 20.12	134 17.96	N20 50.27	180 04.54	N10 20.12	132 10.50	10.06	N22 03.38	06.44	55.92
01	219 59.47	173 06.76	N17 42.18	159 58.20	N21 19.32	120 18.05	N23 20.10	149 20.15	N20 50.32	195 04.68	N10 21.00	146 39.56	09.98	N22 09.83	06.34	55.94
02	235 01.93	188 06.16	N17 43.12	174 58.88	N21 19.68	135 20.16	N23 20.08	164 22.34	N20 50.36	210 04.83	N10 21.88	161 08.54	09.91	N22 16.16	06.23	55.96
03	250 04.39	203 05.57	N17 44.06	189 59.56	N21 20.04	150 22.26	N23 20.06	179 24.53	N20 50.40	225 04.97	N10 22.77	175 37.45	09.84	N22 22.39	06.12	55.99
04	265 06.86	218 04.97	N17 45.00	205 00.23	N21 20.39	165 24.37	N23 20.04	194 26.72	N20 50.44	240 05.12	N10 23.65	190 06.29	09.76	N22 28.51	06.00	56.01
05	280 09.32	233 04.38	N17 45.93	220 00.91	N21 20.75	180 26.47	N23 20.03	209 28.90	N20 50.48	255 05.26	N10 24.53	204 35.05	09.69	N22 34.51	05.89	56.03
06	295 11.79	248 03.78	N17 46.87	235 01.59	N21 21.10	195 28.58	N23 20.01	224 31.09	N20 50.52	270 05.41	N10 25.41	219 03.74	09.61	N22 40.40	05.78	56.06
07	310 14.25	263 03.18	N17 47.81	250 02.27	N21 21.46	210 30.68	N23 19.99	239 33.28	N20 50.57	285 05.55	N10 26.29	233 32.35	09.54	N22 46.18	05.66	56.08
08	325 16.72	278 02.58	N17 48.74	265 02.94	N21 21.82	225 32.79	N23 19.97	254 35.47	N20 50.61	300 05.69	N10 27.17	248 00.89	09.47	N22 51.84	05.55	56.10
09	340 19.18	293 01.98	N17 49.68	280 03.62	N21 22.17	240 34.89	N23 19.95	269 37.65	N20 50.65	315 05.84	N10 28.05	262 29.36	09.40	N22 57.39	05.43	56.13
10	355 21.64	308 01.39	N17 50.61	295 04.30	N21 22.52	255 37.00	N23 19.93	284 39.84	N20 50.69	330 05.98	N10 28.93	276 57.76	09.32	N23 02.82	05.31	56.15
11	010 24.11	323 00.79	N17 51.54	310 04.97	N21 22.88	270 39.10	N23 19.91	299 42.03	N20 50.73	345 06.13	N10 29.81	291 26.08	09.25	N23 08.13	05.19	56.18
12	025 26.57	338 00.19	N17 52.48	325 05.65	N21 23.23	285 41.20	N23 19.89	314 44.21	N20 50.77	000 06.27	N10 30.69	305 54.33	09.18	N23 13.32	05.08	56.20
13	040 29.04	352 59.59	N17 53.41	340 06.32	N21 23.59	300 43.31	N23 19.87	329 46.40	N20 50.82	015 06.41	N10 31.57	320 22.52	09.11	N23 18.40	04.95	56.22
14	055 31.50	007 58.98	N17 54.34	355 07.00	N21 23.94	315 45.41	N23 19.85	344 48.59	N20 50.86	030 06.56	N10 32.45	334 50.63	09.04	N23 23.35	04.83	56.25
15	070 33.96	022 58.38	N17 55.27	010 07.68	N21 24.29	330 47.51	N23 19.83	359 50.78	N20 50.90	045 06.70	N10 33.33	349 18.67	08.97	N23 28.19	04.71	56.27
16	085 36.43	037 57.78	N17 56.20	025 08.35	N21 24.65	345 49.61	N23 19.81	014 52.96	N20 50.94	060 06.84	N10 34.21	003 46.65	08.91	N23 32.90	04.59	56.30
17	100 38.89	052 57.18	N17 57.12	040 09.03	N21 25.00	000 51.72	N23 19.79	029 55.15	N20 50.98	075 06.98	N10 35.08	018 14.55	08.84	N23 37.49	04.46	56.32
18	115 41.36	067 56.58	N17 58.05	055 09.70	N21 25.35	015 53.82	N23 19.77	044 57.33	N20 51.02	090 07.13	N10 35.96	032 42.39	08.77	N23 41.95	04.34	56.35
19	130 43.82	082 55.97	N17 58.98	070 10.38	N21 25.70	030 55.92	N23 19.76	059 59.52	N20 51.06	105 07.27	N10 36.84	047 10.16	08.70	N23 46.29	04.21	56.37
20	145 46.29	097 55.37	N17 59.90	085 11.06	N21 26.05	045 58.02	N23 19.74	075 01.71	N20 51.11	120 07.41	N10 37.72	061 37.87	08.64	N23 50.51	04.09	56.40
21	160 48.75	112 54.77	N18 00.83	100 11.73	N21 26.40	061 00.12	N23 19.72	090 03.89	N20 51.15	135 07.55	N10 38.59	076 05.51	08.57	N23 54.59	03.96	56.42
22	175 51.21	127 54.16	N18 01.75	115 12.41	N21 26.75	076 02.22	N23 19.70	105 06.08	N20 51.19	150 07.69	N10 39.47	090 33.08	08.51	N23 58.55	03.83	56.45
23	190 53.68	142 53.56	N18 02.68	130 13.08	N21 27.10	091 04.33	N23 19.68	120 08.26	N20 51.23	165 07.84	N10 40.34	105 00.59	08.45	N24 02.38	03.70	56.47
18 00	205 56.14	157 52.95	N18 03.60	145 13.76	N21 27.45	106 06.43	N23 19.66	135 10.45	N20 51.27	180 07.98	N10 41.22	119 28.04	08.38	N24 06.09	03.57	56.50
01	220 58.61	172 52.35	N18 04.52	160 14.43	N21 27.80	121 08.53	N23 19.64	150 12.64	N20 51.31	195 08.12	N10 42.10	133 55.42	08.32	N24 09.66	03.44	56.53
02	236 01.07	187 51.74	N18 05.44	175 15.11	N21 28.15	136 10.63	N23 19.62	165 14.82	N20 51.36	210 08.26	N10 42.97	148 22.75	08.26	N24 13.10	03.31	56.55
03	251 03.53	202 51.13	N18 06.36	190 15.78	N21 28.50	151 12.73	N23 19.60	180 17.01	N20 51.40	225 08.40	N10 43.85	162 50.01	08.20	N24 16.41	03.18	56.58
04	266 06.00	217 50.53	N18 07.28	205 16.46	N21 28.85	166 14.83	N23 19.58	195 19.19	N20 51.44	240 08.54	N10 44.72	177 17.21	08.14	N24 19.59	03.04	56.60
05	281 08.46	232 49.92	N18 08.20	220 17.13	N21 29.20	181 16.93	N23 19.56	210 21.38	N20 51.48	255 08.68	N10 45.59	191 44.35	08.08	N24 22.63	02.91	56.63
06	296 10.93	247 49.31	N18 09.12	235 17.81	N21 29.55	196 19.02	N23 19.54	225 23.56	N20 51.52	270 08.82	N10 46.47	206 11.44	08.03	N24 25.54	02.78	56.66
07	311 13.39	262 48.70	N18 10.03	250 18.48	N21 29.90	211 21.12	N23 19.52	240 25.75	N20 51.56	285 08.96	N10 47.34	220 38.46	07.97	N24 28.32	02.64	56.68
08	326 15.86	277 48.09	N18 10.95	265 19.16	N21 30.24	226 23.22	N23 19.50	255 27.93	N20 51.61	300 09.10	N10 48.21	235 05.43	07.92	N24 30.96	02.50	56.71
09	341 18.32	292 47.48	N18 11.87	280 19.83	N21 30.59	241 25.32	N23 19.48	270 30.12	N20 51.65	315 09.24	N10 49.09	249 32.35	07.86	N24 33.46	02.37	56.74
10	356 20.78	307 46.87	N18 12.78	295 20.51	N21 30.94	256 27.42	N23 19.46	285 32.30	N20 51.69	330 09.38	N10 49.96	263 59.21	07.81	N24 35.83	02.23	56.76
11	011 23.25	322 46.26	N18 13.69	310 21.18	N21 31.28	271 29.52	N23 19.44	300 34.49	N20 51.73	345 09.52	N10 50.83	278 26.02	07.76	N24 38.06	02.09	56.79
12	026 25.71	337 45.65	N18 14.61	325 21.86	N21 31.63	286 31.61	N23 19.42	315 36.67	N20 51.77	000 09.66	N10 51.70	292 52.77	07.70	N24 40.15	01.95	56.82
13	041 28.18	352 45.04	N18 15.52	340 22.53	N21 31.98	301 33.71	N23 19.40	330 38.85	N20 51.82	015 09.80	N10 52.58	307 19.48	07.65	N24 42.11	01.81	56.85
14	056 30.64	007 44.43	N18 16.43	355 23.21	N21 32.32	316 35.81	N23 19.38	345 41.04	N20 51.86	030 09.94	N10 53.45	321 46.13	07.60	N24 43.92	01.67	56.87
15	071 33.10	022 43.82	N18 17.34	010 23.88	N21 32.67	331 37.91	N23 19.36	000 43.22	N20 51.90	045 10.08	N10 54.32	336 12.74	07.56	N24 45.59	01.53	56.90
16	086 35.57	037 43.20	N18 18.25	025 24.56	N21 33.01	346 40.00	N23 19.34	015 45.41	N20 51.94	060 10.22	N10 55.19	350 39.29	07.51	N24 47.12	01.39	56.93
17	101 38.03	052 42.59	N18 19.16	040 25.23	N21 33.36	001 42.10	N23 19.32	030 47.59	N20 51.98	075 10.36	N10 56.06	005 05.81	07.46	N24 48.52	01.25	56.96
18	116 40.50	067 41.98	N18 20.07	055 25.90	N21 33.70	016 44.20	N23 19.30	045 49.77	N20 52.02	090 10.50	N10 56.93	019 32.27	07.42	N24 49.76	01.11	56.98
19	131 42.96	082 41.36	N18 20.97	070 26.58	N21 34.04	031 46.29	N23 19.28	060 51.96	N20 52.07	105 10.64	N10 57.80	033 58.69	07.38	N24 50.87	00.96	57.01
20	146 45.43	097 40.75	N18 21.88	085 27.25	N21 34.39	046 48.39	N23 19.26	075 54.14	N20 52.11	120 10.77	N10 58.67	048 25.07	07.33	N24 51.83	00.82	57.04
21	161 47.89	112 40.13	N18 22.79	100 27.93	N21 34.73	061 50.48	N23 19.24	090 56.32	N20 52.15	135 10.91	N10 59.54	062 51.40	07.29	N24 52.65	00.67	57.07
22	176 50.35	127 39.52	N18 23.69	115 28.60	N21 35.07	076 52.58	N23 19.22	105 58.51	N20 52.19	150 11.05	N11 00.41	077 17.69	07.25	N24 53.33	00.53	57.10
23	191 52.82	142 38.90	N18 24.59	130 29.27	N21 35.41	091 54.67	N23 19.20	121 00.69	N20 52.23	165 11.19	N11 01.27	091 43.95	07.21	N24 53.86	00.38	57.12
		v -0.61	d 0.92	v 0.68	d 0.35	v 2.10	d 0.02	v 2.19	d 0.04	v 0.14	d 0.88	SD	15.31	15.48		
		HP 0.10		HP 0.06						SD 15.93	HP 0.15					

Friday April 19, 2002 through Saturday April 20, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
19 00	206 55.28	157 38.29	N18 25.50	145 29.95	N21 35.76	106 56.77	N23 19.18	136 02.87	N20 52.27	180 11.33	N11 02.14	106 10.16	07.18	N24 54.24	00.24	57.15
01	221 57.75	172 37.67	N18 26.40	160 30.62	N21 36.10	121 58.86	N23 19.16	151 05.06	N20 52.32	195 11.46	N11 03.01	120 36.34	07.14	N24 54.48	00.09	57.18
02	237 00.21	187 37.05	N18 27.30	175 31.29	N21 36.44	137 00.96	N23 19.14	166 07.24	N20 52.36	210 11.60	N11 03.88	135 02.48	07.11	N24 54.57	00.05	57.21
03	252 02.67	202 36.43	N18 28.20	190 31.97	N21 36.78	152 03.05	N23 19.12	181 09.42	N20 52.40	225 11.74	N11 04.75	149 28.58	07.07	N24 54.52	00.20	57.24
04	267 05.14	217 35.82	N18 29.10	205 32.64	N21 37.12	167 05.14	N23 19.10	196 11.61	N20 52.44	240 11.87	N11 05.61	163 54.65	07.04	N24 54.32	00.35	57.27
05	282 07.60	232 35.20	N18 30.00	220 33.31	N21 37.46	182 07.24	N23 19.08	211 13.79	N20 52.48	255 12.01	N11 06.48	178 20.69	07.01	N24 53.97	00.50	57.30
06	297 10.07	247 34.58	N18 30.90	235 33.99	N21 37.80	197 09.33	N23 19.06	226 15.97	N20 52.52	270 12.15	N11 07.35	192 46.70	06.98	N24 53.48	00.64	57.33
07	312 12.53	262 33.96	N18 31.79	250 34.66	N21 38.14	212 11.43	N23 19.04	241 18.15	N20 52.57	285 12.28	N11 08.21	207 12.68	06.95	N24 52.83	00.79	57.35
08	327 15.00	277 33.34	N18 32.69	265 35.33	N21 38.48	227 13.52	N23 19.02	256 20.33	N20 52.61	300 12.42	N11 09.08	221 38.63	06.92	N24 52.04	00.94	57.38
09	342 17.46	292 32.72	N18 33.59	280 36.01	N21 38.82	242 15.61	N23 18.99	271 22.52	N20 52.65	315 12.56	N11 09.94	236 04.55	06.90	N24 51.10	01.09	57.41
10	357 19.92	307 32.10	N18 34.48	295 36.68	N21 39.16	257 17.70	N23 18.97	286 24.70	N20 52.69	330 12.69	N11 10.81	250 30.45	06.87	N24 50.01	01.24	57.44
11	012 22.39	322 31.48	N18 35.37	310 37.35	N21 39.50	272 19.80	N23 18.95	301 26.88	N20 52.73	345 12.83	N11 11.67	264 56.32	06.85	N24 48.77	01.39	57.47
12	027 24.85	337 30.85	N18 36.27	325 38.02	N21 39.84	287 21.89	N23 18.93	316 29.06	N20 52.77	000 12.96	N11 12.54	279 22.17	06.83	N24 47.38	01.54	57.50
13	042 27.32	352 30.23	N18 37.16	340 38.70	N21 40.18	302 23.98	N23 18.91	331 31.24	N20 52.82	015 13.10	N11 13.40	293 48.00	06.81	N24 45.84	01.69	57.53
14	057 29.78	007 29.61	N18 38.05	355 39.37	N21 40.51	317 26.07	N23 18.89	346 33.43	N20 52.86	030 13.23	N11 14.26	308 13.80	06.79	N24 44.15	01.84	57.56
15	072 32.25	022 28.98	N18 38.94	010 40.04	N21 40.85	332 28.16	N23 18.87	001 35.61	N20 52.90	045 13.37	N11 15.13	322 39.59	06.77	N24 42.31	01.99	57.59
16	087 34.71	037 28.36	N18 39.83	025 40.72	N21 41.19	347 30.25	N23 18.85	016 37.79	N20 52.94	060 13.50	N11 15.99	337 05.36	06.75	N24 40.32	02.14	57.62
17	102 37.17	052 27.74	N18 40.72	040 41.39	N21 41.52	002 32.34	N23 18.83	031 39.97	N20 52.98	075 13.64	N11 16.85	351 31.11	06.74	N24 38.17	02.29	57.65
18	117 39.64	067 27.11	N18 41.61	055 42.06	N21 41.86	017 34.43	N23 18.81	046 42.15	N20 53.02	090 13.77	N11 17.72	005 56.85	06.72	N24 35.88	02.44	57.68
19	132 42.10	082 26.49	N18 42.49	070 42.73	N21 42.20	032 36.52	N23 18.79	061 44.33	N20 53.07	105 13.91	N11 18.58	020 22.57	06.71	N24 33.44	02.59	57.71
20	147 44.57	097 25.86	N18 43.38	085 43.40	N21 42.53	047 38.61	N23 18.77	076 46.51	N20 53.11	120 14.04	N11 19.44	034 48.28	06.70	N24 30.84	02.75	57.74
21	162 47.03	112 25.24	N18 44.27	100 44.08	N21 42.87	062 40.70	N23 18.75	091 48.69	N20 53.15	135 14.17	N11 20.30	049 13.97	06.69	N24 28.10	02.90	57.77
22	177 49.49	127 24.61	N18 45.15	115 44.75	N21 43.20	077 42.79	N23 18.72	106 50.88	N20 53.19	150 14.31	N11 21.16	063 39.66	06.68	N24 25.20	03.05	57.80
23	192 51.96	142 23.98	N18 46.03	130 45.42	N21 43.54	092 44.88	N23 18.70	121 53.06	N20 53.23	165 14.44	N11 22.02	078 05.34	06.67	N24 22.16	03.20	57.83
20 00	207 54.42	157 23.35	N18 46.92	145 46.09	N21 43.87	107 46.97	N23 18.68	136 55.24	N20 53.28	180 14.58	N11 22.88	092 31.01	06.66	N24 18.96	03.35	57.86
01	222 56.89	172 22.73	N18 47.80	160 46.76	N21 44.20	122 49.06	N23 18.66	151 57.42	N20 53.32	195 14.71	N11 23.74	106 56.67	06.66	N24 15.61	03.50	57.89
02	237 59.35	187 22.10	N18 48.68	175 47.44	N21 44.54	137 51.15	N23 18.64	166 59.60	N20 53.36	210 14.84	N11 24.60	121 22.33	06.65	N24 12.11	03.65	57.92
03	253 01.82	202 21.47	N18 49.56	190 48.11	N21 44.87	152 53.24	N23 18.62	182 01.78	N20 53.40	225 14.98	N11 25.46	135 47.98	06.65	N24 08.45	03.80	57.96
04	268 04.28	217 20.84	N18 50.44	205 48.78	N21 45.20	167 55.33	N23 18.60	197 03.96	N20 53.44	240 15.11	N11 26.32	150 13.64	06.65	N24 04.65	03.95	57.99
05	283 06.74	232 20.21	N18 51.32	220 49.45	N21 45.54	182 57.42	N23 18.58	212 06.14	N20 53.48	255 15.24	N11 27.18	164 39.29	06.65	N24 00.70	04.10	58.02
06	298 09.21	247 19.58	N18 52.20	235 50.12	N21 45.87	197 59.50	N23 18.56	227 08.32	N20 53.53	270 15.37	N11 28.04	179 04.94	06.65	N23 56.59	04.26	58.05
07	313 11.67	262 18.95	N18 53.07	250 50.79	N21 46.20	213 01.59	N23 18.53	242 10.50	N20 53.57	285 15.51	N11 28.90	193 30.59	06.65	N23 52.34	04.41	58.08
08	328 14.14	277 18.32	N18 53.95	265 51.47	N21 46.53	228 03.68	N23 18.51	257 12.68	N20 53.61	300 15.64	N11 29.75	207 56.24	06.66	N23 47.93	04.56	58.11
09	343 16.60	292 17.69	N18 54.82	280 52.14	N21 46.86	243 05.76	N23 18.49	272 14.86	N20 53.65	315 15.77	N11 30.61	222 21.90	06.66	N23 43.38	04.71	58.14
10	358 19.06	307 17.05	N18 55.70	295 52.81	N21 47.19	258 07.85	N23 18.47	287 17.04	N20 53.69	330 15.90	N11 31.47	236 47.56	06.67	N23 38.67	04.86	58.17
11	013 21.53	322 16.42	N18 56.57	310 53.48	N21 47.52	273 09.94	N23 18.45	302 19.22	N20 53.73	345 16.03	N11 32.33	251 13.23	06.67	N23 33.82	05.01	58.20
12	028 23.99	337 15.79	N18 57.45	325 54.15	N21 47.85	288 12.02	N23 18.43	317 21.40	N20 53.78	000 16.16	N11 33.18	265 38.90	06.68	N23 28.81	05.15	58.23
13	043 26.46	352 15.16	N18 58.32	340 54.82	N21 48.18	303 14.11	N23 18.41	332 23.57	N20 53.82	015 16.29	N11 34.04	280 04.58	06.69	N23 23.66	05.30	58.26
14	058 28.92	007 14.52	N18 59.19	355 55.49	N21 48.51	318 16.20	N23 18.39	347 25.75	N20 53.86	030 16.43	N11 34.89	294 30.28	06.70	N23 18.35	05.45	58.29
15	073 31.39	022 13.89	N19 00.06	010 56.16	N21 48.84	333 18.28	N23 18.36	002 27.93	N20 53.90	045 16.56	N11 35.75	308 55.98	06.71	N23 12.90	05.60	58.33
16	088 33.85	037 13.25	N19 00.93	025 56.83	N21 49.17	348 20.37	N23 18.34	017 30.11	N20 53.94	060 16.69	N11 36.60	323 21.69	06.73	N23 07.30	05.75	58.36
17	103 36.31	052 12.62	N19 01.80	040 57.50	N21 49.50	003 22.45	N23 18.32	032 32.29	N20 53.98	075 16.82	N11 37.46	337 47.42	06.74	N23 01.55	05.90	58.39
18	118 38.78	067 11.98	N19 02.66	055 58.18	N21 49.83	018 24.54	N23 18.30	047 34.47	N20 54.03	090 16.95	N11 38.31	352 13.16	06.75	N22 55.66	06.04	58.42
19	133 41.24	082 11.35	N19 03.53	070 58.85	N21 50.16	033 26.62	N23 18.28	062 36.65	N20 54.07	105 17.08	N11 39.17	006 38.91	06.77	N22 49.61	06.19	58.45
20	148 43.71	097 10.71	N19 04.39	085 59.52	N21 50.48	048 28.71	N23 18.26	077 38.83	N20 54.11	120 17.21	N11 40.02	021 04.68	06.79	N22 43.42	06.34	58.48
21	163 46.17	112 10.07	N19 05.26	101 00.19	N21 50.81	063 30.79	N23 18.23	092 41.00	N20 54.15	135 17.34	N11 40.87	035 30.47	06.80	N22 37.09	06.48	58.51
22	178 48.63	127 09.43	N19 06.12	116 00.86	N21 51.14	078 32.88	N23 18.21	107 43.18	N20 54.19	150 17.47	N11 41.73	049 56.27	06.82	N22 30.61	06.63	58.54
23	193 51.10	142 08.80	N19 06.99	131 01.53	N21 51.47	093 34.96	N23 18.19	122 45.36	N20 54.24	165 17.60	N11 42.58	064 22.09	06.84	N22 23.98	06.77	58.57
		v -0.63	d 0.88	v 0.67	d 0.33	v 2.09	d 0.02	v 2.18	d 0.04	v 0.13	d 0.86	SD	15.66	15.86		
		HP 0.10		HP 0.06						SD 15.92	HP 0.15					

Sunday April 21, 2002 through Monday April 22, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
21 00	208 53.56	157 08.16	N19 07.85	146 02.20	N21 51.79	108 37.04	N23 18.17	137 47.54	N20 54.28	180 17.73	N11 43.43	078 47.93	06.86	N22 17.21	06.92	58.61
01	223 56.03	172 07.52	N19 08.71	161 02.87	N21 52.12	123 39.13	N23 18.15	152 49.72	N20 54.32	195 17.86	N11 44.28	093 13.80	06.88	N22 10.29	07.06	58.64
02	238 58.49	187 06.88	N19 09.57	176 03.54	N21 52.44	138 41.21	N23 18.13	167 51.90	N20 54.36	210 17.98	N11 45.14	107 39.68	06.91	N22 03.23	07.20	58.67
03	254 00.95	202 06.24	N19 10.43	191 04.21	N21 52.77	153 43.29	N23 18.10	182 54.07	N20 54.40	225 18.11	N11 45.99	122 05.58	06.93	N21 56.03	07.35	58.70
04	269 03.42	217 05.60	N19 11.29	206 04.88	N21 53.09	168 45.37	N23 18.08	197 56.25	N20 54.44	240 18.24	N11 46.84	136 31.51	06.95	N21 48.69	07.49	58.73
05	284 05.88	232 04.96	N19 12.15	221 05.55	N21 53.42	183 47.46	N23 18.06	212 58.43	N20 54.49	255 18.37	N11 47.69	150 57.46	06.98	N21 41.20	07.63	58.76
06	299 08.35	247 04.32	N19 13.00	236 06.22	N21 53.74	198 49.54	N23 18.04	228 00.61	N20 54.53	270 18.50	N11 48.54	165 23.44	07.00	N21 33.57	07.77	58.79
07	314 10.81	262 03.68	N19 13.86	251 06.89	N21 54.07	213 51.62	N23 18.02	243 02.78	N20 54.57	285 18.63	N11 49.39	179 49.44	07.03	N21 25.80	07.91	58.82
08	329 13.28	277 03.03	N19 14.72	266 07.56	N21 54.39	228 53.70	N23 17.99	258 04.96	N20 54.61	300 18.75	N11 50.24	194 15.47	07.05	N21 17.89	08.05	58.85
09	344 15.74	292 02.39	N19 15.57	281 08.23	N21 54.71	243 55.78	N23 17.97	273 07.14	N20 54.65	315 18.88	N11 51.09	208 41.53	07.08	N21 09.85	08.19	58.88
10	359 18.20	307 01.75	N19 16.42	296 08.90	N21 55.04	258 57.87	N23 17.95	288 09.32	N20 54.69	330 19.01	N11 51.94	223 07.61	07.11	N21 01.66	08.32	58.91
11	014 20.67	322 01.10	N19 17.28	311 09.57	N21 55.36	273 59.95	N23 17.93	303 11.49	N20 54.74	345 19.14	N11 52.79	237 33.72	07.14	N20 53.33	08.46	58.95
12	029 23.13	337 00.46	N19 18.13	326 10.24	N21 55.68	289 02.03	N23 17.91	318 13.67	N20 54.78	000 19.26	N11 53.63	251 59.86	07.17	N20 44.87	08.60	58.98
13	044 25.60	351 59.82	N19 18.98	341 10.91	N21 56.00	304 04.11	N23 17.88	333 15.85	N20 54.82	015 19.39	N11 54.48	266 26.03	07.20	N20 36.28	08.73	59.01
14	059 28.06	006 59.17	N19 19.83	356 11.58	N21 56.32	319 06.19	N23 17.86	348 18.02	N20 54.86	030 19.52	N11 55.33	280 52.22	07.23	N20 27.54	08.87	59.04
15	074 30.52	021 58.53	N19 20.68	011 12.24	N21 56.65	334 08.27	N23 17.84	003 20.20	N20 54.90	045 19.64	N11 56.18	295 18.45	07.26	N20 18.68	09.00	59.07
16	089 32.99	036 57.88	N19 21.53	026 12.91	N21 56.97	349 10.35	N23 17.82	018 22.38	N20 54.95	060 19.77	N11 57.02	309 44.71	07.29	N20 09.67	09.13	59.10
17	104 35.45	051 57.23	N19 22.37	041 13.58	N21 57.29	004 12.43	N23 17.80	033 24.55	N20 54.99	075 19.90	N11 57.87	324 11.01	07.32	N20 00.54	09.27	59.13
18	119 37.92	066 56.59	N19 23.22	056 14.25	N21 57.61	019 14.51	N23 17.77	048 26.73	N20 55.03	090 20.02	N11 58.72	338 37.33	07.36	N19 51.27	09.40	59.16
19	134 40.38	081 55.94	N19 24.07	071 14.92	N21 57.93	034 16.59	N23 17.75	063 28.90	N20 55.07	105 20.15	N11 59.56	353 03.69	07.39	N19 41.88	09.53	59.19
20	149 42.85	096 55.29	N19 24.91	086 15.59	N21 58.25	049 18.67	N23 17.73	078 31.08	N20 55.11	120 20.27	N12 00.41	007 30.08	07.42	N19 32.35	09.66	59.22
21	164 45.31	111 54.64	N19 25.75	101 16.26	N21 58.57	064 20.75	N23 17.71	093 33.26	N20 55.15	135 20.40	N12 01.25	021 56.50	07.46	N19 22.69	09.79	59.25
22	179 47.77	126 53.99	N19 26.60	116 16.93	N21 58.89	079 22.82	N23 17.68	108 35.43	N20 55.20	150 20.52	N12 02.10	036 22.96	07.49	N19 12.90	09.91	59.28
23	194 50.24	141 53.35	N19 27.44	131 17.60	N21 59.20	094 24.90	N23 17.66	123 37.61	N20 55.24	165 20.65	N12 02.94	050 49.45	07.53	N19 02.99	10.04	59.31
22 00	209 52.70	156 52.70	N19 28.28	146 18.26	N21 59.52	109 26.98	N23 17.64	138 39.78	N20 55.28	180 20.77	N12 03.79	065 15.97	07.56	N18 52.95	10.17	59.34
01	224 55.17	171 52.05	N19 29.12	161 18.93	N21 59.84	124 29.06	N23 17.62	153 41.96	N20 55.32	195 20.90	N12 04.63	079 42.53	07.60	N18 42.79	10.29	59.37
02	239 57.63	186 51.40	N19 29.96	176 19.60	N22 00.16	139 31.14	N23 17.59	168 44.14	N20 55.36	210 21.02	N12 05.47	094 09.13	07.63	N18 32.50	10.41	59.40
03	255 00.09	201 50.75	N19 30.80	191 20.27	N22 00.47	154 33.21	N23 17.57	183 46.31	N20 55.40	225 21.15	N12 06.32	108 35.76	07.67	N18 22.08	10.54	59.43
04	270 02.56	216 50.09	N19 31.64	206 20.94	N22 00.79	169 35.29	N23 17.55	198 48.49	N20 55.45	240 21.27	N12 07.16	123 02.43	07.70	N18 11.55	10.66	59.45
05	285 05.02	231 49.44	N19 32.47	221 21.61	N22 01.11	184 37.37	N23 17.53	213 50.66	N20 55.49	255 21.40	N12 08.00	137 29.13	07.74	N18 00.89	10.78	59.48
06	300 07.49	246 48.79	N19 33.31	236 22.28	N22 01.42	199 39.44	N23 17.50	228 52.84	N20 55.53	270 21.52	N12 08.85	151 55.87	07.77	N17 50.11	10.90	59.51
07	315 09.95	261 48.14	N19 34.14	251 22.94	N22 01.74	214 41.52	N23 17.48	243 55.01	N20 55.57	285 21.64	N12 09.69	166 22.64	07.81	N17 39.21	11.02	59.54
08	330 12.41	276 47.48	N19 34.98	266 23.61	N22 02.06	229 43.60	N23 17.46	258 57.19	N20 55.61	300 21.77	N12 10.53	180 49.46	07.85	N17 28.20	11.13	59.57
09	345 14.88	291 46.83	N19 35.81	281 24.28	N22 02.37	244 45.67	N23 17.44	273 59.36	N20 55.66	315 21.89	N12 11.37	195 16.30	07.88	N17 17.06	11.25	59.60
10	000 17.34	306 46.18	N19 36.64	296 24.95	N22 02.69	259 47.75	N23 17.41	289 01.54	N20 55.70	330 22.01	N12 12.21	209 43.19	07.92	N17 05.82	11.36	59.63
11	015 19.81	321 45.52	N19 37.47	311 25.62	N22 03.00	274 49.82	N23 17.39	304 03.71	N20 55.74	345 22.14	N12 13.05	224 10.11	07.96	N16 54.45	11.48	59.65
12	030 22.27	336 44.87	N19 38.30	326 26.28	N22 03.31	289 51.90	N23 17.37	319 05.89	N20 55.78	000 22.26	N12 13.89	238 37.06	07.99	N16 42.98	11.59	59.68
13	045 24.73	351 44.21	N19 39.13	341 26.95	N22 03.63	304 53.98	N23 17.34	334 08.06	N20 55.82	015 22.38	N12 14.73	253 04.06	08.03	N16 31.39	11.70	59.71
14	060 27.20	006 43.56	N19 39.96	356 27.62	N22 03.94	319 56.05	N23 17.32	349 10.23	N20 55.86	030 22.50	N12 15.57	267 31.09	08.07	N16 19.69	11.81	59.74
15	075 29.66	021 42.90	N19 40.79	011 28.29	N22 04.25	334 58.12	N23 17.30	004 12.41	N20 55.91	045 22.62	N12 16.41	281 58.15	08.10	N16 07.88	11.92	59.76
16	090 32.13	036 42.24	N19 41.62	026 28.96	N22 04.57	350 00.20	N23 17.27	019 14.58	N20 55.95	060 22.75	N12 17.25	296 25.26	08.14	N15 55.96	12.03	59.79
17	105 34.59	051 41.59	N19 42.44	041 29.62	N22 04.88	005 02.27	N23 17.25	034 16.76	N20 55.99	075 22.87	N12 18.08	310 52.39	08.18	N15 43.93	12.13	59.82
18	120 37.06	066 40.93	N19 43.27	056 30.29	N22 05.19	020 04.35	N23 17.23	049 18.93	N20 56.03	090 22.99	N12 18.92	325 19.57	08.21	N15 31.80	12.24	59.84
19	135 39.52	081 40.27	N19 44.09	071 30.96	N22 05.50	035 06.42	N23 17.21	064 21.10	N20 56.07	105 23.11	N12 19.76	339 46.78	08.25	N15 19.56	12.34	59.87
20	150 41.98	096 39.61	N19 44.91	086 31.63	N22 05.82	050 08.50	N23 17.18	079 23.28	N20 56.11	120 23.23	N12 20.60	354 14.03	08.28	N15 07.22	12.44	59.90
21	165 44.45	111 38.95	N19 45.74	101 32.29	N22 06.13	065 10.57	N23 17.16	094 25.45	N20 56.16	135 23.35	N12 21.43	008 41.31	08.32	N14 54.77	12.55	59.92
22	180 46.91	126 38.29	N19 46.56	116 32.96	N22 06.44	080 12.64	N23 17.14	109 27.63	N20 56.20	150 23.47	N12 22.27	023 08.63	08.35	N14 42.22	12.65	59.95
23	195 49.38	141 37.63	N19 47.38	131 33.63	N22 06.75	095 14.71	N23 17.11	124 29.80	N20 56.24	165 23.59	N12 23.11	037 35.98	08.39	N14 29.58	12.74	59.97
		v -0.65	d 0.84	v 0.67	d 0.32	v 2.08	d 0.02	v 2.18	d 0.04	v 0.12	d 0.84	SD	16.07	16.26		
		HP 0.10		HP 0.06						SD 15.91	HP 0.15					

Tuesday April 23, 2002 through Wednesday April 24, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
23 00	210 51.84	156 36.97	N19 48.20	146 34.29	N22 07.06	110 16.79	N23 17.09	139 31.97	N20 56.28	180 23.72	N12 23.94	052 03.37	08.42	N14 16.83	12.84	60.00
01	225 54.30	171 36.31	N19 49.02	161 34.96	N22 07.37	125 18.86	N23 17.07	154 34.15	N20 56.32	195 23.84	N12 24.78	066 30.79	08.46	N14 03.99	12.94	60.02
02	240 56.77	186 35.65	N19 49.83	176 35.63	N22 07.68	140 20.93	N23 17.04	169 36.32	N20 56.36	210 23.96	N12 25.61	080 58.25	08.49	N13 51.05	13.03	60.05
03	255 59.23	201 34.99	N19 50.65	191 36.30	N22 07.99	155 23.00	N23 17.02	184 38.49	N20 56.41	225 24.08	N12 26.45	095 25.74	08.52	N13 38.02	13.13	60.07
04	271 01.70	216 34.33	N19 51.47	206 36.96	N22 08.30	170 25.08	N23 17.00	199 40.66	N20 56.45	240 24.19	N12 27.28	109 53.27	08.56	N13 24.90	13.22	60.10
05	286 04.16	231 33.66	N19 52.28	221 37.63	N22 08.60	185 27.15	N23 16.97	214 42.84	N20 56.49	255 24.31	N12 28.11	124 20.82	08.59	N13 11.68	13.31	60.12
06	301 06.62	246 33.00	N19 53.10	236 38.30	N22 08.91	200 29.22	N23 16.95	229 45.01	N20 56.53	270 24.43	N12 28.95	138 48.42	08.62	N12 58.37	13.40	60.15
07	316 09.09	261 32.34	N19 53.91	251 38.96	N22 09.22	215 31.29	N23 16.93	244 47.18	N20 56.57	285 24.55	N12 29.78	153 16.04	08.66	N12 44.98	13.48	60.17
08	331 11.55	276 31.67	N19 54.72	266 39.63	N22 09.53	230 33.36	N23 16.90	259 49.36	N20 56.62	300 24.67	N12 30.61	167 43.70	08.69	N12 31.49	13.57	60.19
09	346 14.02	291 31.01	N19 55.53	281 40.30	N22 09.83	245 35.43	N23 16.88	274 51.53	N20 56.66	315 24.79	N12 31.45	182 11.38	08.72	N12 17.92	13.65	60.21
10	001 16.48	306 30.34	N19 56.34	296 40.96	N22 10.14	260 37.50	N23 16.86	289 53.70	N20 56.70	330 24.91	N12 32.28	196 39.10	08.75	N12 04.27	13.74	60.24
11	016 18.94	321 29.68	N19 57.15	311 41.63	N22 10.45	275 39.57	N23 16.83	304 55.87	N20 56.74	345 25.03	N12 33.11	211 06.85	08.78	N11 50.53	13.82	60.26
12	031 21.41	336 29.01	N19 57.96	326 42.30	N22 10.75	290 41.64	N23 16.81	319 58.04	N20 56.78	000 25.14	N12 33.94	225 34.63	08.81	N11 36.71	13.90	60.28
13	046 23.87	351 28.35	N19 58.77	341 42.96	N22 11.06	305 43.71	N23 16.79	335 00.22	N20 56.82	015 25.26	N12 34.77	240 02.44	08.84	N11 22.81	13.98	60.30
14	061 26.34	006 27.68	N19 59.58	356 43.63	N22 11.37	320 45.78	N23 16.76	350 02.39	N20 56.87	030 25.38	N12 35.60	254 30.28	08.87	N11 08.83	14.06	60.32
15	076 28.80	021 27.01	N20 00.38	011 44.29	N22 11.67	335 47.85	N23 16.74	005 04.56	N20 56.91	045 25.50	N12 36.43	268 58.15	08.90	N10 54.78	14.13	60.35
16	091 31.26	036 26.34	N20 01.19	026 44.96	N22 11.97	350 49.92	N23 16.71	020 06.73	N20 56.95	060 25.61	N12 37.26	283 26.05	08.92	N10 40.65	14.21	60.37
17	106 33.73	051 25.68	N20 01.99	041 45.63	N22 12.28	005 51.99	N23 16.69	035 08.90	N20 56.99	075 25.73	N12 38.09	297 53.97	08.95	N10 26.44	14.28	60.39
18	121 36.19	066 25.01	N20 02.79	056 46.29	N22 12.58	020 54.06	N23 16.67	050 11.08	N20 57.03	090 25.85	N12 38.92	312 21.92	08.98	N10 12.16	14.35	60.41
19	136 38.66	081 24.34	N20 03.60	071 46.96	N22 12.89	035 56.13	N23 16.64	065 13.25	N20 57.07	105 25.97	N12 39.75	326 49.90	09.00	N09 57.81	14.42	60.43
20	151 41.12	096 23.67	N20 04.40	086 47.62	N22 13.19	050 58.20	N23 16.62	080 15.42	N20 57.12	120 26.08	N12 40.58	341 17.90	09.03	N09 43.39	14.49	60.45
21	166 43.59	111 23.00	N20 05.20	101 48.29	N22 13.49	066 00.26	N23 16.59	095 17.59	N20 57.16	135 26.20	N12 41.41	355 45.93	09.05	N09 28.91	14.55	60.47
22	181 46.05	126 22.33	N20 06.00	116 48.96	N22 13.80	081 02.33	N23 16.57	110 19.76	N20 57.20	150 26.31	N12 42.24	010 13.98	09.08	N09 14.36	14.62	60.48
23	196 48.51	141 21.66	N20 06.79	131 49.62	N22 14.10	096 04.40	N23 16.55	125 21.93	N20 57.24	165 26.43	N12 43.06	024 42.06	09.10	N08 59.74	14.68	60.50
24 00	211 50.98	156 20.99	N20 07.59	146 50.29	N22 14.40	111 06.47	N23 16.52	140 24.10	N20 57.28	180 26.55	N12 43.89	039 10.16	09.12	N08 45.06	14.74	60.52
01	226 53.44	171 20.32	N20 08.39	161 50.95	N22 14.70	126 08.53	N23 16.50	155 26.27	N20 57.32	195 26.66	N12 44.72	053 38.28	09.14	N08 30.31	14.80	60.54
02	241 55.91	186 19.64	N20 09.18	176 51.62	N22 15.00	141 10.60	N23 16.47	170 28.45	N20 57.37	210 26.78	N12 45.54	068 06.43	09.17	N08 15.51	14.86	60.55
03	256 58.37	201 18.97	N20 09.98	191 52.28	N22 15.30	156 12.67	N23 16.45	185 30.62	N20 57.41	225 26.89	N12 46.37	082 34.59	09.19	N08 00.65	14.92	60.57
04	272 00.83	216 18.30	N20 10.77	206 52.95	N22 15.61	171 14.73	N23 16.43	200 32.79	N20 57.45	240 27.01	N12 47.19	097 02.78	09.21	N07 45.73	14.97	60.59
05	287 03.30	231 17.62	N20 11.57	221 53.62	N22 15.91	186 16.80	N23 16.40	215 34.96	N20 57.49	255 27.12	N12 48.02	111 30.99	09.22	N07 30.76	15.03	60.60
06	302 05.76	246 16.95	N20 12.36	236 54.28	N22 16.21	201 18.87	N23 16.38	230 37.13	N20 57.53	270 27.24	N12 48.84	125 59.21	09.24	N07 15.73	15.08	60.62
07	317 08.23	261 16.28	N20 13.15	251 54.95	N22 16.51	216 20.93	N23 16.35	245 39.30	N20 57.57	285 27.35	N12 49.67	140 27.45	09.26	N07 00.66	15.13	60.64
08	332 10.69	276 15.60	N20 13.94	266 55.61	N22 16.80	231 23.00	N23 16.33	260 41.47	N20 57.62	300 27.47	N12 50.49	154 55.71	09.28	N06 45.53	15.18	60.65
09	347 13.15	291 14.93	N20 14.73	281 56.28	N22 17.10	246 25.06	N23 16.31	275 43.64	N20 57.66	315 27.58	N12 51.32	169 23.99	09.29	N06 30.35	15.22	60.66
10	002 15.62	306 14.25	N20 15.52	296 56.94	N22 17.40	261 27.13	N23 16.28	290 45.81	N20 57.70	330 27.69	N12 52.14	183 52.29	09.31	N06 15.13	15.27	60.68
11	017 18.08	321 13.57	N20 16.30	311 57.61	N22 17.70	276 29.19	N23 16.26	305 47.98	N20 57.74	345 27.81	N12 52.96	198 20.59	09.32	N05 59.86	15.31	60.69
12	032 20.55	336 12.90	N20 17.09	326 58.27	N22 18.00	291 31.26	N23 16.23	320 50.15	N20 57.78	000 27.92	N12 53.78	212 48.92	09.34	N05 44.55	15.35	60.71
13	047 23.01	351 12.22	N20 17.87	341 58.94	N22 18.30	306 33.32	N23 16.21	335 52.32	N20 57.82	015 28.03	N12 54.61	227 17.25	09.35	N05 29.19	15.39	60.72
14	062 25.47	006 11.54	N20 18.66	356 59.60	N22 18.59	321 35.39	N23 16.18	350 54.49	N20 57.87	030 28.15	N12 55.43	241 45.60	09.36	N05 13.80	15.43	60.73
15	077 27.94	021 10.87	N20 19.44	012 00.27	N22 18.89	336 37.45	N23 16.16	005 56.66	N20 57.91	045 28.26	N12 56.25	256 13.96	09.37	N04 58.37	15.47	60.74
16	092 30.40	036 10.19	N20 20.22	027 00.93	N22 19.19	351 39.52	N23 16.13	020 58.83	N20 57.95	060 28.37	N12 57.07	270 42.33	09.38	N04 42.90	15.50	60.75
17	107 32.87	051 09.51	N20 21.01	042 01.60	N22 19.48	006 41.58	N23 16.11	036 01.00	N20 57.99	075 28.48	N12 57.89	285 10.72	09.39	N04 27.40	15.54	60.77
18	122 35.33	066 08.83	N20 21.79	057 02.26	N22 19.78	021 43.64	N23 16.09	051 03.17	N20 58.03	090 28.60	N12 58.71	299 39.11	09.40	N04 11.86	15.57	60.78
19	137 37.79	081 08.15	N20 22.57	072 02.92	N22 20.07	036 45.71	N23 16.06	066 05.34	N20 58.07	105 28.71	N12 59.53	314 07.51	09.41	N03 56.29	15.60	60.79
20	152 40.26	096 07.47	N20 23.35	087 03.59	N22 20.37	051 47.77	N23 16.04	081 07.51	N20 58.12	120 28.82	N13 00.35	328 35.92	09.42	N03 40.70	15.62	60.80
21	167 42.72	111 06.79	N20 24.12	102 04.25	N22 20.66	066 49.83	N23 16.01	096 09.67	N20 58.16	135 28.93	N13 01.17	343 04.33	09.42	N03 25.07	15.65	60.81
22	182 45.19	126 06.11	N20 24.90	117 04.92	N22 20.96	081 51.90	N23 15.99	111 11.84	N20 58.20	150 29.04	N13 01.99	357 32.75	09.43	N03 09.42	15.68	60.81
23	197 47.65	141 05.43	N20 25.68	132 05.58	N22 21.25	096 53.96	N23 15.96	126 14.01	N20 58.24	165 29.15	N13 02.81	012 01.18	09.43	N02 53.75	15.70	60.82
		v -0.67	d 0.80	v 0.67	d 0.30	v 2.07	d 0.02	v 2.17	d 0.04	v 0.12	d 0.83	SD	16.42	16.54		
		HP 0.10		HP 0.06						SD 15.90	HP 0.15					

Thursday April 25, 2002 through Friday April 26, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
25 00	212 50.11	156 04.74	N20 26.45	147 06.25	N22 21.55	111 56.02	N23 15.94	141 16.18	N20 58.28	180 29.26	N13 03.63	026 29.61	09.43	N02 38.05	15.72	60.83
01	227 52.58	171 04.06	N20 27.22	162 06.91	N22 21.84	126 58.08	N23 15.91	156 18.35	N20 58.32	195 29.37	N13 04.44	040 58.05	09.44	N02 22.33	15.74	60.84
02	242 55.04	186 03.38	N20 28.00	177 07.58	N22 22.13	142 00.14	N23 15.89	171 20.52	N20 58.37	210 29.49	N13 05.26	055 26.48	09.44	N02 06.59	15.75	60.84
03	257 57.51	201 02.69	N20 28.77	192 08.24	N22 22.43	157 02.21	N23 15.86	186 22.69	N20 58.41	225 29.60	N13 06.08	069 54.92	09.44	N01 50.84	15.77	60.85
04	272 59.97	216 02.01	N20 29.54	207 08.90	N22 22.72	172 04.27	N23 15.84	201 24.86	N20 58.45	240 29.71	N13 06.89	084 23.36	09.44	N01 35.07	15.78	60.86
05	288 02.43	231 01.33	N20 30.31	222 09.57	N22 23.01	187 06.33	N23 15.81	216 27.02	N20 58.49	255 29.82	N13 07.71	098 51.80	09.44	N01 19.28	15.80	60.86
06	303 04.90	246 00.64	N20 31.08	237 10.23	N22 23.30	202 08.39	N23 15.79	231 29.19	N20 58.53	270 29.93	N13 08.53	113 20.24	09.44	N01 03.49	15.81	60.87
07	318 07.36	260 59.96	N20 31.85	252 10.89	N22 23.60	217 10.45	N23 15.76	246 31.36	N20 58.57	285 30.03	N13 09.34	127 48.68	09.43	N00 47.68	15.81	60.87
08	333 09.83	275 59.27	N20 32.62	267 11.56	N22 23.89	232 12.51	N23 15.74	261 33.53	N20 58.62	300 30.14	N13 10.16	142 17.11	09.43	N00 31.87	15.82	60.88
09	348 12.29	290 58.59	N20 33.38	282 12.22	N22 24.18	247 14.57	N23 15.71	276 35.70	N20 58.66	315 30.25	N13 10.97	156 45.54	09.43	N00 16.05	15.82	60.88
10	003 14.75	305 57.90	N20 34.15	297 12.89	N22 24.47	262 16.63	N23 15.69	291 37.86	N20 58.70	330 30.36	N13 11.79	171 13.97	09.42	N00 00.22	15.83	60.88
11	018 17.22	320 57.21	N20 34.91	312 13.55	N22 24.76	277 18.69	N23 15.66	306 40.03	N20 58.74	345 30.47	N13 12.60	185 42.39	09.42	S00 15.60	15.83	60.89
12	033 19.68	335 56.52	N20 35.68	327 14.21	N22 25.05	292 20.75	N23 15.64	321 42.20	N20 58.78	000 30.58	N13 13.41	200 10.81	09.41	S00 31.43	15.83	60.89
13	048 22.15	350 55.84	N20 36.44	342 14.88	N22 25.34	307 22.81	N23 15.61	336 44.37	N20 58.82	015 30.69	N13 14.23	214 39.22	09.40	S00 47.26	15.82	60.89
14	063 24.61	005 55.15	N20 37.20	357 15.54	N22 25.63	322 24.87	N23 15.59	351 46.53	N20 58.86	030 30.80	N13 15.04	229 07.62	09.39	S01 03.08	15.82	60.89
15	078 27.07	020 54.46	N20 37.96	012 16.20	N22 25.91	337 26.93	N23 15.56	006 48.70	N20 58.91	045 30.90	N13 15.85	243 36.01	09.38	S01 18.90	15.81	60.89
16	093 29.54	035 53.77	N20 38.72	027 16.87	N22 26.20	352 28.99	N23 15.54	021 50.87	N20 58.95	060 31.01	N13 16.66	258 04.40	09.37	S01 34.72	15.81	60.89
17	108 32.00	050 53.08	N20 39.48	042 17.53	N22 26.49	007 31.05	N23 15.51	036 53.04	N20 58.99	075 31.12	N13 17.48	272 32.77	09.36	S01 50.52	15.80	60.89
18	123 34.47	065 52.39	N20 40.24	057 18.19	N22 26.78	022 33.11	N23 15.48	051 55.20	N20 59.03	090 31.23	N13 18.29	287 01.13	09.35	S02 06.32	15.78	60.89
19	138 36.93	080 51.70	N20 40.99	072 18.86	N22 27.07	037 35.16	N23 15.46	066 57.37	N20 59.07	105 31.33	N13 19.10	301 29.48	09.34	S02 22.10	15.77	60.89
20	153 39.39	095 51.01	N20 41.75	087 19.52	N22 27.35	052 37.22	N23 15.43	081 59.54	N20 59.11	120 31.44	N13 19.91	315 57.82	09.32	S02 37.87	15.75	60.89
21	168 41.86	110 50.32	N20 42.50	102 20.18	N22 27.64	067 39.28	N23 15.41	097 01.70	N20 59.16	135 31.55	N13 20.72	330 26.14	09.31	S02 53.63	15.74	60.89
22	183 44.32	125 49.63	N20 43.26	117 20.85	N22 27.93	082 41.34	N23 15.38	112 03.87	N20 59.20	150 31.65	N13 21.53	344 54.45	09.29	S03 09.36	15.72	60.88
23	198 46.79	140 48.94	N20 44.01	132 21.51	N22 28.21	097 43.39	N23 15.36	127 06.04	N20 59.24	165 31.76	N13 22.34	359 22.74	09.28	S03 25.08	15.70	60.88
26 00	213 49.25	155 48.24	N20 44.76	147 22.17	N22 28.50	112 45.45	N23 15.33	142 08.20	N20 59.28	180 31.86	N13 23.15	013 51.02	09.26	S03 40.78	15.67	60.88
01	228 51.72	170 47.55	N20 45.51	162 22.83	N22 28.78	127 47.51	N23 15.31	157 10.37	N20 59.32	195 31.97	N13 23.95	028 19.28	09.24	S03 56.45	15.65	60.87
02	243 54.18	185 46.86	N20 46.26	177 23.50	N22 29.07	142 49.56	N23 15.28	172 12.54	N20 59.36	210 32.08	N13 24.76	042 47.53	09.22	S04 12.10	15.62	60.87
03	258 56.64	200 46.16	N20 47.01	192 24.16	N22 29.35	157 51.62	N23 15.25	187 14.70	N20 59.40	225 32.18	N13 25.57	057 15.75	09.21	S04 27.72	15.59	60.86
04	273 59.11	215 45.47	N20 47.76	207 24.82	N22 29.64	172 53.68	N23 15.23	202 16.87	N20 59.45	240 32.29	N13 26.38	071 43.96	09.19	S04 43.32	15.56	60.86
05	289 01.57	230 44.77	N20 48.51	222 25.49	N22 29.92	187 55.73	N23 15.20	217 19.04	N20 59.49	255 32.39	N13 27.19	086 12.14	09.16	S04 58.88	15.53	60.85
06	304 04.04	245 44.08	N20 49.25	237 26.15	N22 30.21	202 57.79	N23 15.18	232 21.20	N20 59.53	270 32.50	N13 27.99	100 40.31	09.14	S05 14.41	15.50	60.84
07	319 06.50	260 43.38	N20 50.00	252 26.81	N22 30.49	217 59.85	N23 15.15	247 23.37	N20 59.57	285 32.60	N13 28.80	115 08.45	09.12	S05 29.91	15.46	60.83
08	334 08.96	275 42.69	N20 50.74	267 27.47	N22 30.77	233 01.90	N23 15.13	262 25.53	N20 59.61	300 32.70	N13 29.60	129 36.57	09.10	S05 45.37	15.42	60.83
09	349 11.43	290 41.99	N20 51.49	282 28.14	N22 31.05	248 03.96	N23 15.10	277 27.70	N20 59.65	315 32.81	N13 30.41	144 04.67	09.07	S06 00.80	15.38	60.82
10	004 13.89	305 41.29	N20 52.23	297 28.80	N22 31.34	263 06.01	N23 15.07	292 29.87	N20 59.70	330 32.91	N13 31.21	158 32.74	09.05	S06 16.18	15.34	60.81
11	019 16.36	320 40.60	N20 52.97	312 29.46	N22 31.62	278 08.07	N23 15.05	307 32.03	N20 59.74	345 33.02	N13 32.02	173 00.79	09.02	S06 31.52	15.30	60.80
12	034 18.82	335 39.90	N20 53.71	327 30.12	N22 31.90	293 10.12	N23 15.02	322 34.20	N20 59.78	000 33.12	N13 32.82	187 28.82	09.00	S06 46.82	15.26	60.79
13	049 21.28	350 39.20	N20 54.45	342 30.78	N22 32.18	308 12.17	N23 15.00	337 36.36	N20 59.82	015 33.22	N13 33.63	201 56.82	08.97	S07 02.08	15.21	60.78
14	064 23.75	005 38.50	N20 55.19	357 31.45	N22 32.46	323 14.23	N23 14.97	352 38.53	N20 59.86	030 33.33	N13 34.43	216 24.79	08.95	S07 17.29	15.16	60.77
15	079 26.21	020 37.80	N20 55.93	012 32.11	N22 32.74	338 16.28	N23 14.94	007 40.69	N20 59.90	045 33.43	N13 35.23	230 52.73	08.92	S07 32.45	15.11	60.76
16	094 28.68	035 37.10	N20 56.66	027 32.77	N22 33.02	353 18.34	N23 14.92	022 42.86	N20 59.94	060 33.53	N13 36.04	245 20.65	08.89	S07 47.56	15.06	60.75
17	109 31.14	050 36.40	N20 57.40	042 33.43	N22 33.30	008 20.39	N23 14.89	037 45.02	N20 59.99	075 33.63	N13 36.84	259 48.54	08.86	S08 02.62	15.00	60.73
18	124 33.60	065 35.70	N20 58.13	057 34.09	N22 33.58	023 22.44	N23 14.86	052 47.19	N21 00.03	090 33.74	N13 37.64	274 16.40	08.83	S08 17.62	14.95	60.72
19	139 36.07	080 35.00	N20 58.87	072 34.76	N22 33.86	038 24.50	N23 14.84	067 49.35	N21 00.07	105 33.84	N13 38.44	288 44.23	08.80	S08 32.57	14.89	60.71
20	154 38.53	095 34.30	N20 59.60	087 35.42	N22 34.14	053 26.55	N23 14.81	082 51.52	N21 00.11	120 33.94	N13 39.24	303 12.03	08.77	S08 47.47	14.83	60.69
21	169 41.00	110 33.60	N21 00.33	102 36.08	N22 34.42	068 28.60	N23 14.79	097 53.68	N21 00.15	135 34.04	N13 40.05	317 39.80	08.74	S09 02.30	14.77	60.68
22	184 43.46	125 32.89	N21 01.06	117 36.74	N22 34.70	083 30.65	N23 14.76	112 55.85	N21 00.19	150 34.14	N13 40.85	332 07.54	08.71	S09 17.07	14.71	60.66
23	199 45.92	140 32.19	N21 01.79	132 37.40	N22 34.97	098 32.71	N23 14.73	127 58.01	N21 00.24	165 34.24	N13 41.65	346 35.24	08.67	S09 31.78	14.64	60.65
		v -0.69	d 0.75	v 0.66	d 0.29	v 2.06	d 0.03	v 2.17	d 0.04	v 0.11	d 0.81	SD	16.59	16.57		
		HP 0.10		HP 0.06						SD 15.90	HP 0.15					

Saturday April 27, 2002 through Sunday April 28, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
27 00	214 48.39	155 31.49	N21 02.52	147 38.06	N22 35.25	113 34.76	N23 14.71	143 00.18	N21 00.28	180 34.34	N13 42.45	001 02.92	08.64	S09 46.42	14.58	60.63
01	229 50.85	170 30.79	N21 03.25	162 38.73	N22 35.53	128 36.81	N23 14.68	158 02.34	N21 00.32	195 34.44	N13 43.24	015 30.56	08.61	S10 01.00	14.51	60.62
02	244 53.32	185 30.08	N21 03.97	177 39.39	N22 35.81	143 38.86	N23 14.65	173 04.50	N21 00.36	210 34.55	N13 44.04	029 58.16	08.57	S10 15.51	14.44	60.60
03	259 55.78	200 29.38	N21 04.70	192 40.05	N22 36.08	158 40.91	N23 14.63	188 06.67	N21 00.40	225 34.65	N13 44.84	044 25.74	08.54	S10 29.95	14.37	60.58
04	274 58.25	215 28.67	N21 05.42	207 40.71	N22 36.36	173 42.97	N23 14.60	203 08.83	N21 00.44	240 34.75	N13 45.64	058 53.28	08.50	S10 44.32	14.30	60.57
05	290 00.71	230 27.97	N21 06.15	222 41.37	N22 36.63	188 45.02	N23 14.57	218 11.00	N21 00.48	255 34.84	N13 46.44	073 20.78	08.47	S10 58.62	14.22	60.55
06	305 03.17	245 27.26	N21 06.87	237 42.03	N22 36.91	203 47.07	N23 14.55	233 13.16	N21 00.53	270 34.94	N13 47.24	087 48.25	08.43	S11 12.84	14.14	60.53
07	320 05.64	260 26.55	N21 07.59	252 42.69	N22 37.18	218 49.12	N23 14.52	248 15.32	N21 00.57	285 35.04	N13 48.03	102 15.68	08.40	S11 26.98	14.07	60.51
08	335 08.10	275 25.85	N21 08.31	267 43.36	N22 37.46	233 51.17	N23 14.49	263 17.49	N21 00.61	300 35.14	N13 48.83	116 43.08	08.36	S11 41.05	13.99	60.49
09	350 10.57	290 25.14	N21 09.03	282 44.02	N22 37.73	248 53.22	N23 14.47	278 19.65	N21 00.65	315 35.24	N13 49.62	131 10.44	08.32	S11 55.04	13.91	60.47
10	005 13.03	305 24.43	N21 09.75	297 44.68	N22 38.01	263 55.27	N23 14.44	293 21.81	N21 00.69	330 35.34	N13 50.42	145 37.77	08.29	S12 08.94	13.82	60.45
11	020 15.49	320 23.73	N21 10.47	312 45.34	N22 38.28	278 57.32	N23 14.41	308 23.98	N21 00.73	345 35.44	N13 51.22	160 05.05	08.25	S12 22.76	13.74	60.43
12	035 17.96	335 23.02	N21 11.18	327 46.00	N22 38.56	293 59.37	N23 14.39	323 26.14	N21 00.77	000 35.54	N13 52.01	174 32.30	08.21	S12 36.50	13.65	60.41
13	050 20.42	350 22.31	N21 11.90	342 46.66	N22 38.83	309 01.42	N23 14.36	338 28.30	N21 00.82	015 35.64	N13 52.81	188 59.52	08.18	S12 50.15	13.56	60.39
14	065 22.89	005 21.60	N21 12.61	357 47.32	N22 39.10	324 03.47	N23 14.33	353 30.47	N21 00.86	030 35.73	N13 53.60	203 26.69	08.14	S13 03.72	13.47	60.36
15	080 25.35	020 20.89	N21 13.33	012 47.98	N22 39.37	339 05.52	N23 14.31	008 32.63	N21 00.90	045 35.83	N13 54.39	217 53.83	08.10	S13 17.19	13.38	60.34
16	095 27.81	035 20.18	N21 14.04	027 48.64	N22 39.65	354 07.56	N23 14.28	023 34.79	N21 00.94	060 35.93	N13 55.19	232 20.93	08.06	S13 30.57	13.29	60.32
17	110 30.28	050 19.47	N21 14.75	042 49.30	N22 39.92	009 09.61	N23 14.25	038 36.96	N21 00.98	075 36.02	N13 55.98	246 47.99	08.02	S13 43.86	13.19	60.30
18	125 32.74	065 18.76	N21 15.46	057 49.96	N22 40.19	024 11.66	N23 14.23	053 39.12	N21 01.02	090 36.12	N13 56.77	261 15.01	07.98	S13 57.05	13.10	60.27
19	140 35.21	080 18.05	N21 16.17	072 50.62	N22 40.46	039 13.71	N23 14.20	068 41.28	N21 01.06	105 36.22	N13 57.56	275 42.00	07.95	S14 10.15	13.00	60.25
20	155 37.67	095 17.34	N21 16.88	087 51.28	N22 40.73	054 15.76	N23 14.17	083 43.44	N21 01.11	120 36.31	N13 58.36	290 08.94	07.91	S14 23.15	12.90	60.22
21	170 40.13	110 16.62	N21 17.59	102 51.94	N22 41.00	069 17.81	N23 14.14	098 45.61	N21 01.15	135 36.41	N13 59.15	304 35.85	07.87	S14 36.06	12.80	60.20
22	185 42.60	125 15.91	N21 18.30	117 52.61	N22 41.27	084 19.85	N23 14.12	113 47.77	N21 01.19	150 36.51	N13 59.94	319 02.72	07.83	S14 48.86	12.70	60.17
23	200 45.06	140 15.20	N21 19.00	132 53.27	N22 41.54	099 21.90	N23 14.09	128 49.93	N21 01.23	165 36.60	N14 00.73	333 29.55	07.79	S15 01.56	12.60	60.15
28 00	215 47.53	155 14.48	N21 19.71	147 53.93	N22 41.81	114 23.95	N23 14.06	143 52.09	N21 01.27	180 36.70	N14 01.52	347 56.34	07.75	S15 14.15	12.49	60.12
01	230 49.99	170 13.77	N21 20.41	162 54.59	N22 42.08	129 25.99	N23 14.04	158 54.26	N21 01.31	195 36.79	N14 02.31	002 23.09	07.71	S15 26.65	12.38	60.09
02	245 52.46	185 13.06	N21 21.11	177 55.25	N22 42.35	144 28.04	N23 14.01	173 56.42	N21 01.35	210 36.89	N14 03.10	016 49.80	07.67	S15 39.03	12.28	60.07
03	260 54.92	200 12.34	N21 21.82	192 55.91	N22 42.61	159 30.09	N23 13.98	188 58.58	N21 01.40	225 36.98	N14 03.89	031 16.48	07.64	S15 51.31	12.17	60.04
04	275 57.38	215 11.63	N21 22.52	207 56.57	N22 42.88	174 32.13	N23 13.95	204 00.74	N21 01.44	240 37.08	N14 04.68	045 43.11	07.60	S16 03.48	12.06	60.01
05	290 59.85	230 10.91	N21 23.22	222 57.23	N22 43.15	189 34.18	N23 13.93	219 02.90	N21 01.48	255 37.17	N14 05.46	060 09.71	07.56	S16 15.53	11.95	59.98
06	306 02.31	245 10.20	N21 23.91	237 57.89	N22 43.42	204 36.23	N23 13.90	234 05.07	N21 01.52	270 37.27	N14 06.25	074 36.27	07.52	S16 27.48	11.83	59.96
07	321 04.78	260 09.48	N21 24.61	252 58.55	N22 43.68	219 38.27	N23 13.87	249 07.23	N21 01.56	285 37.36	N14 07.04	089 02.79	07.48	S16 39.31	11.72	59.93
08	336 07.24	275 08.76	N21 25.31	267 59.21	N22 43.95	234 40.32	N23 13.84	264 09.39	N21 01.60	300 37.45	N14 07.83	103 29.27	07.45	S16 51.03	11.60	59.90
09	351 09.70	290 08.04	N21 26.00	282 59.87	N22 44.22	249 42.36	N23 13.82	279 11.55	N21 01.64	315 37.55	N14 08.61	117 55.72	07.41	S17 02.63	11.48	59.87
10	006 12.17	305 07.33	N21 26.70	298 00.53	N22 44.48	264 44.41	N23 13.79	294 13.71	N21 01.69	330 37.64	N14 09.40	132 22.13	07.37	S17 14.11	11.36	59.84
11	021 14.63	320 06.61	N21 27.39	313 01.19	N22 44.75	279 46.45	N23 13.76	309 15.87	N21 01.73	345 37.73	N14 10.18	146 48.50	07.33	S17 25.48	11.24	59.81
12	036 17.10	335 05.89	N21 28.09	328 01.84	N22 45.01	294 48.50	N23 13.73	324 18.04	N21 01.77	000 37.83	N14 10.97	161 14.83	07.30	S17 36.72	11.12	59.78
13	051 19.56	350 05.17	N21 28.78	343 02.50	N22 45.28	309 50.54	N23 13.71	339 20.20	N21 01.81	015 37.92	N14 11.75	175 41.13	07.26	S17 47.84	11.00	59.75
14	066 22.03	005 04.45	N21 29.47	358 03.16	N22 45.54	324 52.59	N23 13.68	354 22.36	N21 01.85	030 38.01	N14 12.54	190 07.39	07.23	S17 58.85	10.88	59.72
15	081 24.49	020 03.73	N21 30.16	013 03.82	N22 45.81	339 54.63	N23 13.65	009 24.52	N21 01.89	045 38.10	N14 13.32	204 33.62	07.19	S18 09.72	10.75	59.69
16	096 26.95	035 03.01	N21 30.85	028 04.48	N22 46.07	354 56.67	N23 13.62	024 26.68	N21 01.93	060 38.20	N14 14.11	218 59.81	07.16	S18 20.48	10.63	59.65
17	111 29.42	050 02.29	N21 31.53	043 05.14	N22 46.33	009 58.72	N23 13.59	039 28.84	N21 01.98	075 38.29	N14 14.89	233 25.97	07.12	S18 31.10	10.50	59.62
18	126 31.88	065 01.57	N21 32.22	058 05.80	N22 46.60	025 00.76	N23 13.57	054 31.00	N21 02.02	090 38.38	N14 15.67	247 52.10	07.09	S18 41.60	10.37	59.59
19	141 34.35	080 00.85	N21 32.91	073 06.46	N22 46.86	040 02.80	N23 13.54	069 33.16	N21 02.06	105 38.47	N14 16.46	262 18.19	07.06	S18 51.97	10.24	59.56
20	156 36.81	095 00.13	N21 33.59	088 07.12	N22 47.12	055 04.85	N23 13.51	084 35.32	N21 02.10	120 38.56	N14 17.24	276 44.24	07.02	S19 02.22	10.11	59.52
21	171 39.27	109 59.40	N21 34.27	103 07.78	N22 47.38	070 06.89	N23 13.48	099 37.48	N21 02.14	135 38.65	N14 18.02	291 10.27	06.99	S19 12.33	09.98	59.49
22	186 41.74	124 58.68	N21 34.96	118 08.44	N22 47.65	085 08.93	N23 13.46	114 39.64	N21 02.18	150 38.74	N14 18.80	305 36.26	06.96	S19 22.31	09.85	59.46
23	201 44.20	139 57.96	N21 35.64	133 09.10	N22 47.91	100 10.98	N23 13.43	129 41.80	N21 02.22	165 38.83	N14 19.58	320 02.22	06.93	S19 32.16	09.71	59.42
		v -0.71	d 0.70	v 0.66	d 0.27	v 2.05	d 0.03	v 2.16	d 0.04	v 0.10	d 0.79	SD	16.46	16.29		
		HP 0.10		HP 0.06						SD 15.89	HP 0.15					

Monday April 29, 2002 through Tuesday April 30, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
29 00	216 46.67	154 57.23	N21 36.32	148 09.76	N22 48.17	115 13.02	N23 13.40	144 43.96	N21 02.27	180 38.92	N14 20.36	334 28.15	06.90	S19 41.87	09.58	59.39
01	231 49.13	169 56.51	N21 37.00	163 10.42	N22 48.43	130 15.06	N23 13.37	159 46.12	N21 02.31	195 39.01	N14 21.14	348 54.06	06.87	S19 51.45	09.44	59.36
02	246 51.59	184 55.79	N21 37.68	178 11.07	N22 48.69	145 17.10	N23 13.34	174 48.28	N21 02.35	210 39.10	N14 21.92	003 19.93	06.84	S20 00.89	09.31	59.32
03	261 54.06	199 55.06	N21 38.35	193 11.73	N22 48.95	160 19.14	N23 13.32	189 50.44	N21 02.39	225 39.19	N14 22.70	017 45.77	06.82	S20 10.20	09.17	59.29
04	276 56.52	214 54.34	N21 39.03	208 12.39	N22 49.21	175 21.18	N23 13.29	204 52.60	N21 02.43	240 39.28	N14 23.48	032 11.59	06.79	S20 19.37	09.03	59.25
05	291 58.99	229 53.61	N21 39.71	223 13.05	N22 49.47	190 23.23	N23 13.26	219 54.76	N21 02.47	255 39.37	N14 24.26	046 37.38	06.76	S20 28.40	08.89	59.22
06	307 01.45	244 52.88	N21 40.38	238 13.71	N22 49.73	205 25.27	N23 13.23	234 56.92	N21 02.51	270 39.46	N14 25.04	061 03.14	06.74	S20 37.30	08.75	59.18
07	322 03.92	259 52.16	N21 41.05	253 14.37	N22 49.99	220 27.31	N23 13.20	249 59.08	N21 02.55	285 39.55	N14 25.81	075 28.88	06.71	S20 46.05	08.61	59.15
08	337 06.38	274 51.43	N21 41.73	268 15.03	N22 50.24	235 29.35	N23 13.17	265 01.24	N21 02.60	300 39.64	N14 26.59	089 54.60	06.69	S20 54.66	08.47	59.11
09	352 08.84	289 50.70	N21 42.40	283 15.69	N22 50.50	250 31.39	N23 13.15	280 03.40	N21 02.64	315 39.73	N14 27.37	104 20.29	06.67	S21 03.13	08.33	59.08
10	007 11.31	304 49.98	N21 43.07	298 16.34	N22 50.76	265 33.43	N23 13.12	295 05.56	N21 02.68	330 39.81	N14 28.14	118 45.96	06.65	S21 11.46	08.18	59.04
11	022 13.77	319 49.25	N21 43.74	313 17.00	N22 51.02	280 35.47	N23 13.09	310 07.72	N21 02.72	345 39.90	N14 28.92	133 11.60	06.63	S21 19.64	08.04	59.01
12	037 16.24	334 48.52	N21 44.41	328 17.66	N22 51.27	295 37.51	N23 13.06	325 09.88	N21 02.76	000 39.99	N14 29.70	147 37.23	06.61	S21 27.69	07.90	58.97
13	052 18.70	349 47.79	N21 45.07	343 18.32	N22 51.53	310 39.55	N23 13.03	340 12.04	N21 02.80	015 40.08	N14 30.47	162 02.84	06.59	S21 35.58	07.75	58.93
14	067 21.16	004 47.06	N21 45.74	358 18.98	N22 51.79	325 41.59	N23 13.00	355 14.20	N21 02.84	030 40.16	N14 31.25	176 28.43	06.57	S21 43.33	07.61	58.90
15	082 23.63	019 46.33	N21 46.40	013 19.64	N22 52.04	340 43.63	N23 12.97	010 16.36	N21 02.89	045 40.25	N14 32.02	190 54.00	06.56	S21 50.94	07.46	58.86
16	097 26.09	034 45.60	N21 47.07	028 20.29	N22 52.30	355 45.67	N23 12.95	025 18.51	N21 02.93	060 40.34	N14 32.79	205 19.56	06.54	S21 58.40	07.31	58.82
17	112 28.56	049 44.87	N21 47.73	043 20.95	N22 52.55	010 47.71	N23 12.92	040 20.67	N21 02.97	075 40.42	N14 33.57	219 45.10	06.53	S22 05.71	07.16	58.79
18	127 31.02	064 44.14	N21 48.39	058 21.61	N22 52.81	025 49.74	N23 12.89	055 22.83	N21 03.01	090 40.51	N14 34.34	234 10.63	06.51	S22 12.87	07.02	58.75
19	142 33.49	079 43.41	N21 49.05	073 22.27	N22 53.06	040 51.78	N23 12.86	070 24.99	N21 03.05	105 40.59	N14 35.11	248 36.14	06.50	S22 19.89	06.87	58.71
20	157 35.95	094 42.68	N21 49.71	088 22.93	N22 53.32	055 53.82	N23 12.83	085 27.15	N21 03.09	120 40.68	N14 35.88	263 01.64	06.49	S22 26.76	06.72	58.67
21	172 38.41	109 41.94	N21 50.37	103 23.58	N22 53.57	070 55.86	N23 12.80	100 29.31	N21 03.13	135 40.76	N14 36.66	277 27.13	06.48	S22 33.48	06.57	58.64
22	187 40.88	124 41.21	N21 51.03	118 24.24	N22 53.82	085 57.90	N23 12.77	115 31.47	N21 03.17	150 40.85	N14 37.43	291 52.62	06.47	S22 40.04	06.42	58.60
23	202 43.34	139 40.48	N21 51.69	133 24.90	N22 54.08	100 59.93	N23 12.75	130 33.62	N21 03.22	165 40.93	N14 38.20	306 18.09	06.47	S22 46.46	06.27	58.56
30 00	217 45.81	154 39.74	N21 52.34	148 25.56	N22 54.33	116 01.97	N23 12.72	145 35.78	N21 03.26	180 41.02	N14 38.97	320 43.56	06.46	S22 52.73	06.12	58.52
01	232 48.27	169 39.01	N21 53.00	163 26.21	N22 54.58	131 04.01	N23 12.69	160 37.94	N21 03.30	195 41.10	N14 39.74	335 09.02	06.46	S22 58.85	05.97	58.48
02	247 50.74	184 38.28	N21 53.65	178 26.87	N22 54.83	146 06.05	N23 12.66	175 40.10	N21 03.34	210 41.19	N14 40.51	349 34.48	06.45	S23 04.81	05.81	58.45
03	262 53.20	199 37.54	N21 54.31	193 27.53	N22 55.09	161 08.08	N23 12.63	190 42.26	N21 03.38	225 41.27	N14 41.28	003 59.93	06.45	S23 10.63	05.66	58.41
04	277 55.66	214 36.81	N21 54.96	208 28.19	N22 55.34	176 10.12	N23 12.60	205 44.41	N21 03.42	240 41.35	N14 42.05	018 25.38	06.45	S23 16.29	05.51	58.37
05	292 58.13	229 36.07	N21 55.61	223 28.85	N22 55.59	191 12.16	N23 12.57	220 46.57	N21 03.46	255 41.44	N14 42.82	032 50.83	06.45	S23 21.80	05.36	58.33
06	308 00.59	244 35.33	N21 56.26	238 29.50	N22 55.84	206 14.19	N23 12.54	235 48.73	N21 03.50	270 41.52	N14 43.58	047 16.29	06.45	S23 27.16	05.21	58.29
07	323 03.06	259 34.60	N21 56.91	253 30.16	N22 56.09	221 16.23	N23 12.51	250 50.89	N21 03.55	285 41.60	N14 44.35	061 41.74	06.46	S23 32.36	05.05	58.26
08	338 05.52	274 33.86	N21 57.55	268 30.82	N22 56.34	236 18.26	N23 12.48	265 53.04	N21 03.59	300 41.69	N14 45.12	076 07.20	06.46	S23 37.42	04.90	58.22
09	353 07.98	289 33.12	N21 58.20	283 31.48	N22 56.59	251 20.30	N23 12.46	280 55.20	N21 03.63	315 41.77	N14 45.89	090 32.66	06.47	S23 42.32	04.75	58.18
10	008 10.45	304 32.39	N21 58.85	298 32.13	N22 56.84	266 22.33	N23 12.43	295 57.36	N21 03.67	330 41.85	N14 46.65	104 58.13	06.48	S23 47.06	04.59	58.14
11	023 12.91	319 31.65	N21 59.49	313 32.79	N22 57.09	281 24.37	N23 12.40	310 59.52	N21 03.71	345 41.93	N14 47.42	119 23.61	06.49	S23 51.66	04.44	58.10
12	038 15.38	334 30.91	N22 00.13	328 33.45	N22 57.34	296 26.41	N23 12.37	326 01.67	N21 03.75	000 42.02	N14 48.18	133 49.09	06.50	S23 56.09	04.29	58.06
13	053 17.84	349 30.17	N22 00.78	343 34.10	N22 57.58	311 28.44	N23 12.34	341 03.83	N21 03.79	015 42.10	N14 48.95	148 14.59	06.51	S24 00.38	04.13	58.02
14	068 20.31	004 29.43	N22 01.42	358 34.76	N22 57.83	326 30.47	N23 12.31	356 05.99	N21 03.83	030 42.18	N14 49.71	162 40.09	06.52	S24 04.51	03.98	57.99
15	083 22.77	019 28.69	N22 02.06	013 35.42	N22 58.08	341 32.51	N23 12.28	011 08.14	N21 03.88	045 42.26	N14 50.48	177 05.61	06.53	S24 08.49	03.83	57.95
16	098 25.23	034 27.95	N22 02.70	028 36.08	N22 58.33	356 34.54	N23 12.25	026 10.30	N21 03.92	060 42.34	N14 51.24	191 31.15	06.55	S24 12.32	03.67	57.91
17	113 27.70	049 27.21	N22 03.33	043 36.73	N22 58.57	011 36.58	N23 12.22	041 12.46	N21 03.96	075 42.42	N14 52.00	205 56.70	06.57	S24 15.99	03.52	57.87
18	128 30.16	064 26.47	N22 03.97	058 37.39	N22 58.82	026 38.61	N23 12.19	056 14.61	N21 04.00	090 42.50	N14 52.77	220 22.27	06.59	S24 19.51	03.37	57.83
19	143 32.63	079 25.73	N22 04.61	073 38.05	N22 59.07	041 40.65	N23 12.16	071 16.77	N21 04.04	105 42.58	N14 53.53	234 47.85	06.61	S24 22.88	03.21	57.79
20	158 35.09	094 24.99	N22 05.24	088 38.70	N22 59.31	056 42.68	N23 12.13	086 18.93	N21 04.08	120 42.66	N14 54.29	249 13.46	06.63	S24 26.09	03.06	57.75
21	173 37.55	109 24.25	N22 05.88	103 39.36	N22 59.56	071 44.71	N23 12.10	101 21.08	N21 04.12	135 42.74	N14 55.05	263 39.08	06.65	S24 29.15	02.91	57.72
22	188 40.02	124 23.50	N22 06.51	118 40.02	N22 59.80	086 46.74	N23 12.07	116 23.24	N21 04.16	150 42.82	N14 55.82	278 04.74	06.67	S24 32.06	02.75	57.68
23	203 42.48	139 22.76	N22 07.14	133 40.67	N23 00.05	101 48.78	N23 12.04	131 25.40	N21 04.21	165 42.90	N14 56.58	292 30.41	06.70	S24 34.82	02.60	57.64
		v -0.73	d 0.65	v 0.66	d 0.25	v 2.04	d 0.03	v 2.16	d 0.04	v 0.08	d 0.77	SD	16.07	15.83		
		HP 0.10		HP 0.06						SD 15.88	HP 0.15					

Wednesday May 01, 2002 through Thursday May 02, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
01 00	218 44.95	154 22.02	N22 07.77	148 41.33	N23 00.29	116 50.81	N23 12.01	146 27.55	N21 04.25	180 42.98	N14 57.34	306 56.11	06.73	S24 37.42	02.45	57.60
01	233 47.41	169 21.27	N22 08.40	163 41.99	N23 00.54	131 52.84	N23 11.98	161 29.71	N21 04.29	195 43.06	N14 58.10	321 21.84	06.76	S24 39.87	02.30	57.56
02	248 49.88	184 20.53	N22 09.03	178 42.64	N23 00.78	146 54.88	N23 11.95	176 31.87	N21 04.33	210 43.14	N14 58.86	335 47.59	06.79	S24 42.17	02.15	57.52
03	263 52.34	199 19.79	N22 09.66	193 43.30	N23 01.02	161 56.91	N23 11.92	191 34.02	N21 04.37	225 43.21	N14 59.62	350 13.38	06.82	S24 44.31	02.00	57.49
04	278 54.80	214 19.04	N22 10.29	208 43.96	N23 01.27	176 58.94	N23 11.90	206 36.18	N21 04.41	240 43.29	N15 00.37	004 39.20	06.85	S24 46.31	01.84	57.45
05	293 57.27	229 18.30	N22 10.91	223 44.61	N23 01.51	192 00.97	N23 11.87	221 38.33	N21 04.45	255 43.37	N15 01.13	019 05.05	06.88	S24 48.15	01.69	57.41
06	308 59.73	244 17.55	N22 11.54	238 45.27	N23 01.75	207 03.00	N23 11.84	236 40.49	N21 04.49	270 43.45	N15 01.89	033 30.93	06.92	S24 49.85	01.54	57.37
07	324 02.20	259 16.80	N22 12.16	253 45.92	N23 01.99	222 05.03	N23 11.81	251 42.64	N21 04.54	285 43.52	N15 02.65	047 56.85	06.96	S24 51.39	01.39	57.33
08	339 04.66	274 16.06	N22 12.78	268 46.58	N23 02.23	237 07.06	N23 11.78	266 44.80	N21 04.58	300 43.60	N15 03.40	062 22.80	06.99	S24 52.78	01.24	57.29
09	354 07.13	289 15.31	N22 13.40	283 47.24	N23 02.48	252 09.10	N23 11.75	281 46.95	N21 04.62	315 43.68	N15 04.16	076 48.80	07.03	S24 54.03	01.09	57.26
10	009 09.59	304 14.56	N22 14.02	298 47.89	N23 02.72	267 11.13	N23 11.72	296 49.11	N21 04.66	330 43.75	N15 04.92	091 14.83	07.07	S24 55.12	00.95	57.22
11	024 12.05	319 13.82	N22 14.64	313 48.55	N23 02.96	282 13.16	N23 11.69	311 51.27	N21 04.70	345 43.83	N15 05.67	105 40.90	07.12	S24 56.07	00.80	57.18
12	039 14.52	334 13.07	N22 15.26	328 49.21	N23 03.20	297 15.19	N23 11.66	326 53.42	N21 04.74	000 43.91	N15 06.43	120 07.02	07.16	S24 56.87	00.65	57.14
13	054 16.98	349 12.32	N22 15.88	343 49.86	N23 03.44	312 17.22	N23 11.63	341 55.58	N21 04.78	015 43.98	N15 07.18	134 33.18	07.20	S24 57.52	00.50	57.11
14	069 19.45	004 11.57	N22 16.49	358 50.52	N23 03.68	327 19.25	N23 11.60	356 57.73	N21 04.82	030 44.06	N15 07.94	148 59.38	07.25	S24 58.02	00.36	57.07
15	084 21.91	019 10.82	N22 17.11	013 51.17	N23 03.92	342 21.28	N23 11.57	011 59.89	N21 04.86	045 44.13	N15 08.69	163 25.63	07.30	S24 58.38	00.21	57.03
16	099 24.37	034 10.07	N22 17.72	028 51.83	N23 04.16	357 23.31	N23 11.53	027 02.04	N21 04.91	060 44.21	N15 09.45	177 51.93	07.34	S24 58.59	00.07	56.99
17	114 26.84	049 09.32	N22 18.34	043 52.48	N23 04.39	012 25.34	N23 11.50	042 04.20	N21 04.95	075 44.28	N15 10.20	192 18.27	07.39	S24 58.65	00.08	56.96
18	129 29.30	064 08.57	N22 18.95	058 53.14	N23 04.63	027 27.37	N23 11.47	057 06.35	N21 04.99	090 44.36	N15 10.95	206 44.66	07.44	S24 58.57	00.22	56.92
19	144 31.77	079 07.82	N22 19.56	073 53.80	N23 04.87	042 29.39	N23 11.44	072 08.50	N21 05.03	105 44.43	N15 11.70	221 11.11	07.50	S24 58.35	00.37	56.88
20	159 34.23	094 07.07	N22 20.17	088 54.45	N23 05.11	057 31.42	N23 11.41	087 10.66	N21 05.07	120 44.51	N15 12.46	235 37.60	07.55	S24 57.98	00.51	56.85
21	174 36.70	109 06.32	N22 20.78	103 55.11	N23 05.35	072 33.45	N23 11.38	102 12.81	N21 05.11	135 44.58	N15 13.21	250 04.15	07.60	S24 57.47	00.65	56.81
22	189 39.16	124 05.57	N22 21.38	118 55.76	N23 05.58	087 35.48	N23 11.35	117 14.97	N21 05.15	150 44.65	N15 13.96	264 30.76	07.66	S24 56.82	00.80	56.77
23	204 41.62	139 04.81	N22 21.99	133 56.42	N23 05.82	102 37.51	N23 11.32	132 17.12	N21 05.19	165 44.73	N15 14.71	278 57.42	07.71	S24 56.02	00.94	56.74
02 00	219 44.09	154 04.06	N22 22.60	148 57.07	N23 06.06	117 39.54	N23 11.29	147 19.28	N21 05.23	180 44.80	N15 15.46	293 24.13	07.77	S24 55.08	01.08	56.70
01	234 46.55	169 03.31	N22 23.20	163 57.73	N23 06.29	132 41.56	N23 11.26	162 21.43	N21 05.28	195 44.87	N15 16.21	307 50.90	07.83	S24 54.01	01.22	56.67
02	249 49.02	184 02.55	N22 23.80	178 58.39	N23 06.53	147 43.59	N23 11.23	177 23.58	N21 05.32	210 44.95	N15 16.96	322 17.73	07.89	S24 52.79	01.36	56.63
03	264 51.48	199 01.80	N22 24.41	193 59.04	N23 06.76	162 45.62	N23 11.20	192 25.74	N21 05.36	225 45.02	N15 17.71	336 44.62	07.95	S24 51.44	01.49	56.59
04	279 53.94	214 01.05	N22 25.01	208 59.70	N23 07.00	177 47.65	N23 11.17	207 27.89	N21 05.40	240 45.09	N15 18.45	351 11.58	08.01	S24 49.94	01.63	56.56
05	294 56.41	229 00.29	N22 25.61	224 00.35	N23 07.23	192 49.67	N23 11.14	222 30.05	N21 05.44	255 45.16	N15 19.20	005 38.59	08.08	S24 48.31	01.77	56.52
06	309 58.87	243 59.54	N22 26.21	239 01.01	N23 07.46	207 51.70	N23 11.11	237 32.20	N21 05.48	270 45.23	N15 19.95	020 05.66	08.14	S24 46.55	01.90	56.49
07	325 01.34	258 58.78	N22 26.80	254 01.66	N23 07.70	222 53.73	N23 11.08	252 34.35	N21 05.52	285 45.31	N15 20.70	034 32.80	08.20	S24 44.64	02.04	56.45
08	340 03.80	273 58.03	N22 27.40	269 02.32	N23 07.93	237 55.75	N23 11.05	267 36.51	N21 05.56	300 45.38	N15 21.44	049 00.00	08.27	S24 42.60	02.17	56.42
09	355 06.27	288 57.27	N22 28.00	284 02.97	N23 08.17	252 57.78	N23 11.02	282 38.66	N21 05.60	315 45.45	N15 22.19	063 27.27	08.33	S24 40.43	02.31	56.38
10	010 08.73	303 56.51	N22 28.59	299 03.63	N23 08.40	267 59.81	N23 10.99	297 40.81	N21 05.65	330 45.52	N15 22.94	077 54.61	08.40	S24 38.13	02.44	56.35
11	025 11.19	318 55.76	N22 29.19	314 04.28	N23 08.63	283 01.83	N23 10.95	312 42.97	N21 05.69	345 45.59	N15 23.68	092 22.01	08.47	S24 35.69	02.57	56.32
12	040 13.66	333 55.00	N22 29.78	329 04.94	N23 08.86	298 03.86	N23 10.92	327 45.12	N21 05.73	000 45.66	N15 24.43	106 49.48	08.54	S24 33.12	02.70	56.28
13	055 16.12	348 54.24	N22 30.37	344 05.59	N23 09.09	313 05.88	N23 10.89	342 47.27	N21 05.77	015 45.73	N15 25.17	121 17.01	08.61	S24 30.42	02.83	56.25
14	070 18.59	003 53.48	N22 30.96	359 06.25	N23 09.33	328 07.91	N23 10.86	357 49.43	N21 05.81	030 45.80	N15 25.91	135 44.62	08.68	S24 27.58	02.96	56.21
15	085 21.05	018 52.73	N22 31.55	014 06.90	N23 09.56	343 09.93	N23 10.83	012 51.58	N21 05.85	045 45.87	N15 26.66	150 12.30	08.75	S24 24.62	03.09	56.18
16	100 23.51	033 51.97	N22 32.14	029 07.56	N23 09.79	358 11.96	N23 10.80	027 53.73	N21 05.89	060 45.94	N15 27.40	164 40.05	08.82	S24 21.53	03.22	56.15
17	115 25.98	048 51.21	N22 32.72	044 08.21	N23 10.02	013 13.98	N23 10.77	042 55.89	N21 05.93	075 46.01	N15 28.14	179 07.87	08.89	S24 18.32	03.34	56.11
18	130 28.44	063 50.45	N22 33.31	059 08.87	N23 10.25	028 16.01	N23 10.74	057 58.04	N21 05.97	090 46.08	N15 28.89	193 35.76	08.96	S24 14.98	03.47	56.08
19	145 30.91	078 49.69	N22 33.90	074 09.52	N23 10.48	043 18.03	N23 10.71	073 00.19	N21 06.02	105 46.15	N15 29.63	208 03.72	09.04	S24 11.51	03.59	56.05
20	160 33.37	093 48.93	N22 34.48	089 10.18	N23 10.71	058 20.06	N23 10.68	088 02.34	N21 06.06	120 46.21	N15 30.37	222 31.76	09.11	S24 07.91	03.72	56.02
21	175 35.84	108 48.17	N22 35.06	104 10.83	N23 10.93	073 22.08	N23 10.64	103 04.50	N21 06.10	135 46.28	N15 31.11	236 59.87	09.19	S24 04.20	03.84	55.98
22	190 38.30	123 47.41	N22 35.64	119 11.48	N23 11.16	088 24.10	N23 10.61	118 06.65	N21 06.14	150 46.35	N15 31.85	251 28.06	09.26	S24 00.36	03.96	55.95
23	205 40.76	138 46.65	N22 36.23	134 12.14	N23 11.39	103 26.13	N23 10.58	133 08.80	N21 06.18	165 46.42	N15 32.59	265 56.32	09.34	S23 56.39	04.08	55.92
		v -0.75	d 0.60	v 0.66	d 0.24	v 2.03	d 0.03	v 2.15	d 0.04	v 0.07	d 0.75	SD	15.58	15.34		
		HP 0.10		HP 0.06						SD 15.87	HP 0.15					

Friday May 03, 2002 through Saturday May 04, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
03 00	220 43.23	153 45.88	N22 36.80	149 12.79	N23 11.62	118 28.15	N23 10.55	148 10.95	N21 06.22	180 46.48	N15 33.33	280 24.66	09.41	S23 52.31	04.20	55.89
01	235 45.69	168 45.12	N22 37.38	164 13.45	N23 11.85	133 30.17	N23 10.52	163 13.11	N21 06.26	195 46.55	N15 34.07	294 53.07	09.49	S23 48.11	04.32	55.86
02	250 48.16	183 44.36	N22 37.96	179 14.10	N23 12.07	148 32.20	N23 10.49	178 15.26	N21 06.30	210 46.62	N15 34.81	309 21.56	09.57	S23 43.78	04.44	55.83
03	265 50.62	198 43.60	N22 38.54	194 14.76	N23 12.30	163 34.22	N23 10.46	193 17.41	N21 06.34	225 46.68	N15 35.55	323 50.13	09.65	S23 39.34	04.56	55.80
04	280 53.08	213 42.83	N22 39.11	209 15.41	N23 12.53	178 36.24	N23 10.42	208 19.56	N21 06.38	240 46.75	N15 36.28	338 18.78	09.72	S23 34.78	04.67	55.77
05	295 55.55	228 42.07	N22 39.69	224 16.07	N23 12.75	193 38.27	N23 10.39	223 21.71	N21 06.43	255 46.82	N15 37.02	352 47.50	09.80	S23 30.11	04.79	55.74
06	310 58.01	243 41.30	N22 40.26	239 16.72	N23 12.98	208 40.29	N23 10.36	238 23.87	N21 06.47	270 46.88	N15 37.76	007 16.30	09.88	S23 25.32	04.90	55.71
07	326 00.48	258 40.54	N22 40.83	254 17.37	N23 13.20	223 42.31	N23 10.33	253 26.02	N21 06.51	285 46.95	N15 38.49	021 45.18	09.96	S23 20.41	05.02	55.68
08	341 02.94	273 39.78	N22 41.40	269 18.03	N23 13.43	238 44.33	N23 10.30	268 28.17	N21 06.55	300 47.01	N15 39.23	036 14.14	10.04	S23 15.39	05.13	55.65
09	356 05.41	288 39.01	N22 41.97	284 18.68	N23 13.65	253 46.35	N23 10.27	283 30.32	N21 06.59	315 47.08	N15 39.97	050 43.18	10.12	S23 10.26	05.24	55.62
10	011 07.87	303 38.25	N22 42.54	299 19.34	N23 13.88	268 48.38	N23 10.24	298 32.47	N21 06.63	330 47.14	N15 40.70	065 12.29	10.20	S23 05.02	05.35	55.59
11	026 10.33	318 37.48	N22 43.11	314 19.99	N23 14.10	283 50.40	N23 10.20	313 34.62	N21 06.67	345 47.21	N15 41.44	079 41.49	10.28	S22 59.67	05.46	55.56
12	041 12.80	333 36.71	N22 43.68	329 20.64	N23 14.33	298 52.42	N23 10.17	328 36.78	N21 06.71	000 47.27	N15 42.17	094 10.77	10.36	S22 54.20	05.57	55.53
13	056 15.26	348 35.95	N22 44.24	344 21.30	N23 14.55	313 54.44	N23 10.14	343 38.93	N21 06.75	015 47.34	N15 42.90	108 40.12	10.44	S22 48.63	05.68	55.50
14	071 17.73	003 35.18	N22 44.81	359 21.95	N23 14.77	328 56.46	N23 10.11	358 41.08	N21 06.79	030 47.40	N15 43.64	123 09.56	10.52	S22 42.95	05.79	55.47
15	086 20.19	018 34.41	N22 45.37	014 22.61	N23 14.99	343 58.48	N23 10.08	013 43.23	N21 06.83	045 47.46	N15 44.37	137 39.08	10.60	S22 37.17	05.89	55.45
16	101 22.65	033 33.65	N22 45.93	029 23.26	N23 15.22	359 00.50	N23 10.04	028 45.38	N21 06.88	060 47.53	N15 45.10	152 08.67	10.68	S22 31.27	06.00	55.42
17	116 25.12	048 32.88	N22 46.49	044 23.91	N23 15.44	014 02.52	N23 10.01	043 47.53	N21 06.92	075 47.59	N15 45.83	166 38.35	10.76	S22 25.28	06.10	55.39
18	131 27.58	063 32.11	N22 47.05	059 24.57	N23 15.66	029 04.54	N23 09.98	058 49.68	N21 06.96	090 47.65	N15 46.57	181 08.11	10.84	S22 19.18	06.20	55.36
19	146 30.05	078 31.34	N22 47.61	074 25.22	N23 15.88	044 06.56	N23 09.95	073 51.83	N21 07.00	105 47.72	N15 47.30	195 37.95	10.92	S22 12.97	06.31	55.34
20	161 32.51	093 30.57	N22 48.17	089 25.87	N23 16.10	059 08.58	N23 09.92	088 53.98	N21 07.04	120 47.78	N15 48.03	210 07.87	11.00	S22 06.67	06.41	55.31
21	176 34.97	108 29.80	N22 48.73	104 26.53	N23 16.32	074 10.60	N23 09.88	103 56.13	N21 07.08	135 47.84	N15 48.76	224 37.87	11.08	S22 00.26	06.51	55.28
22	191 37.44	123 29.03	N22 49.28	119 27.18	N23 16.54	089 12.62	N23 09.85	118 58.28	N21 07.12	150 47.90	N15 49.49	239 07.95	11.16	S21 53.76	06.61	55.26
23	206 39.90	138 28.26	N22 49.84	134 27.83	N23 16.76	104 14.64	N23 09.82	134 00.44	N21 07.16	165 47.96	N15 50.22	253 38.11	11.24	S21 47.15	06.70	55.23
04 00	221 42.37	153 27.49	N22 50.39	149 28.49	N23 16.98	119 16.66	N23 09.79	149 02.59	N21 07.20	180 48.03	N15 50.95	268 08.35	11.32	S21 40.45	06.80	55.21
01	236 44.83	168 26.72	N22 50.94	164 29.14	N23 17.20	134 18.68	N23 09.76	164 04.74	N21 07.24	195 48.09	N15 51.67	282 38.67	11.40	S21 33.65	06.90	55.18
02	251 47.30	183 25.95	N22 51.49	179 29.79	N23 17.42	149 20.69	N23 09.72	179 06.89	N21 07.28	210 48.15	N15 52.40	297 09.07	11.48	S21 26.75	06.99	55.16
03	266 49.76	198 25.18	N22 52.04	194 30.45	N23 17.64	164 22.71	N23 09.69	194 09.04	N21 07.33	225 48.21	N15 53.13	311 39.55	11.56	S21 19.76	07.09	55.13
04	281 52.22	213 24.41	N22 52.59	209 31.10	N23 17.86	179 24.73	N23 09.66	209 11.19	N21 07.37	240 48.27	N15 53.86	326 10.11	11.64	S21 12.67	07.18	55.11
05	296 54.69	228 23.63	N22 53.14	224 31.75	N23 18.07	194 26.75	N23 09.63	224 13.34	N21 07.41	255 48.33	N15 54.58	340 40.76	11.72	S21 05.49	07.27	55.08
06	311 57.15	243 22.86	N22 53.69	239 32.41	N23 18.29	209 28.77	N23 09.59	239 15.49	N21 07.45	270 48.39	N15 55.31	355 11.48	11.80	S20 58.22	07.36	55.06
07	326 59.62	258 22.09	N22 54.23	254 33.06	N23 18.51	224 30.78	N23 09.56	254 17.64	N21 07.49	285 48.45	N15 56.03	009 42.28	11.88	S20 50.86	07.45	55.04
08	342 02.08	273 21.31	N22 54.78	269 33.71	N23 18.73	239 32.80	N23 09.53	269 19.79	N21 07.53	300 48.51	N15 56.76	024 13.15	11.96	S20 43.40	07.54	55.01
09	357 04.54	288 20.54	N22 55.32	284 34.37	N23 18.94	254 34.82	N23 09.50	284 21.94	N21 07.57	315 48.57	N15 57.48	038 44.11	12.04	S20 35.86	07.63	54.99
10	012 07.01	303 19.77	N22 55.86	299 35.02	N23 19.16	269 36.84	N23 09.46	299 24.09	N21 07.61	330 48.63	N15 58.21	053 15.15	12.11	S20 28.23	07.72	54.97
11	027 09.47	318 18.99	N22 56.40	314 35.67	N23 19.37	284 38.85	N23 09.43	314 26.24	N21 07.65	345 48.69	N15 58.93	067 46.26	12.19	S20 20.51	07.81	54.94
12	042 11.94	333 18.22	N22 56.94	329 36.33	N23 19.59	299 40.87	N23 09.40	329 28.39	N21 07.69	000 48.74	N15 59.66	082 17.45	12.27	S20 12.71	07.89	54.92
13	057 14.40	348 17.44	N22 57.48	344 36.98	N23 19.80	314 42.89	N23 09.37	344 30.53	N21 07.73	015 48.80	N16 00.38	096 48.72	12.35	S20 04.81	07.98	54.90
14	072 16.87	003 16.67	N22 58.02	359 37.63	N23 20.02	329 44.90	N23 09.33	359 32.68	N21 07.77	030 48.86	N16 01.10	111 20.07	12.42	S19 56.84	08.06	54.88
15	087 19.33	018 15.89	N22 58.56	014 38.29	N23 20.23	344 46.92	N23 09.30	014 34.83	N21 07.82	045 48.92	N16 01.82	125 51.49	12.50	S19 48.78	08.14	54.86
16	102 21.79	033 15.11	N22 59.09	029 38.94	N23 20.45	359 48.93	N23 09.27	029 36.98	N21 07.86	060 48.98	N16 02.54	140 22.99	12.58	S19 40.63	08.23	54.84
17	117 24.26	048 14.34	N22 59.63	044 39.59	N23 20.66	014 50.95	N23 09.24	044 39.13	N21 07.90	075 49.03	N16 03.27	154 54.57	12.65	S19 32.41	08.31	54.82
18	132 26.72	063 13.56	N23 00.16	059 40.24	N23 20.87	029 52.97	N23 09.20	059 41.28	N21 07.94	090 49.09	N16 03.99	169 26.22	12.73	S19 24.10	08.39	54.80
19	147 29.19	078 12.78	N23 00.70	074 40.90	N23 21.09	044 54.98	N23 09.17	074 43.43	N21 07.98	105 49.15	N16 04.71	183 57.95	12.80	S19 15.72	08.47	54.78
20	162 31.65	093 12.01	N23 01.23	089 41.55	N23 21.30	059 57.00	N23 09.14	089 45.58	N21 08.02	120 49.20	N16 05.43	198 29.75	12.88	S19 07.25	08.54	54.76
21	177 34.11	108 11.23	N23 01.76	104 42.20	N23 21.51	074 59.01	N23 09.10	104 47.73	N21 08.06	135 49.26	N16 06.15	213 01.62	12.95	S18 58.71	08.62	54.74
22	192 36.58	123 10.45	N23 02.29	119 42.85	N23 21.72	090 01.03	N23 09.07	119 49.88	N21 08.10	150 49.31	N16 06.86	227 33.57	13.02	S18 50.09	08.70	54.72
23	207 39.04	138 09.67	N23 02.81	134 43.51	N23 21.93	105 03.04	N23 09.04	134 52.03	N21 08.14	165 49.37	N16 07.58	242 05.59	13.10	S18 41.39	08.77	54.70
		v -0.77	d 0.55	v 0.65	d 0.22	v 2.02	d 0.03	v 2.15	d 0.04	v 0.06	d 0.73	SD	15.13	14.97		
		HP 0.10		HP 0.06						SD 15.86	HP 0.15					

Sunday May 05, 2002 through Monday May 06, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
05 00	222 41.51	153 08.89	N23 03.34	149 44.16	N23 22.15	120 05.06	N23 09.01	149 54.17	N21 08.18	180 49.43	N16 08.30	256 37.69	13.17	S18 32.61	08.85	54.68
01	237 43.97	168 08.11	N23 03.87	164 44.81	N23 22.36	135 07.07	N23 08.97	164 56.32	N21 08.22	195 49.48	N16 09.02	271 09.86	13.24	S18 23.76	08.92	54.66
02	252 46.43	183 07.33	N23 04.39	179 45.46	N23 22.57	150 09.08	N23 08.94	179 58.47	N21 08.26	210 49.54	N16 09.73	285 42.10	13.31	S18 14.84	09.00	54.64
03	267 48.90	198 06.55	N23 04.92	194 46.12	N23 22.78	165 11.10	N23 08.91	195 00.62	N21 08.30	225 49.59	N16 10.45	300 14.41	13.38	S18 05.84	09.07	54.62
04	282 51.36	213 05.77	N23 05.44	209 46.77	N23 22.99	180 13.11	N23 08.87	210 02.77	N21 08.35	240 49.65	N16 11.17	314 46.79	13.45	S17 56.78	09.14	54.61
05	297 53.83	228 04.99	N23 05.96	224 47.42	N23 23.20	195 15.13	N23 08.84	225 04.92	N21 08.39	255 49.70	N16 11.88	329 19.24	13.52	S17 47.64	09.21	54.59
06	312 56.29	243 04.21	N23 06.48	239 48.07	N23 23.40	210 17.14	N23 08.81	240 07.06	N21 08.43	270 49.75	N16 12.60	343 51.76	13.59	S17 38.43	09.28	54.57
07	327 58.75	258 03.43	N23 07.00	254 48.73	N23 23.61	225 19.15	N23 08.77	255 09.21	N21 08.47	285 49.81	N16 13.31	358 24.35	13.66	S17 29.14	09.35	54.56
08	343 01.22	273 02.65	N23 07.52	269 49.38	N23 23.82	240 21.16	N23 08.74	270 11.36	N21 08.51	300 49.86	N16 14.03	012 57.01	13.73	S17 19.80	09.42	54.54
09	358 03.68	288 01.87	N23 08.03	284 50.03	N23 24.03	255 23.18	N23 08.71	285 13.51	N21 08.55	315 49.91	N16 14.74	027 29.73	13.79	S17 10.38	09.48	54.52
10	013 06.15	303 01.08	N23 08.55	299 50.68	N23 24.24	270 25.19	N23 08.67	300 15.66	N21 08.59	330 49.97	N16 15.45	042 02.52	13.86	S17 00.89	09.55	54.51
11	028 08.61	318 00.30	N23 09.06	314 51.33	N23 24.44	285 27.20	N23 08.64	315 17.80	N21 08.63	345 50.02	N16 16.17	056 35.38	13.92	S16 51.34	09.62	54.49
12	043 11.08	332 59.52	N23 09.58	329 51.99	N23 24.65	300 29.21	N23 08.61	330 19.95	N21 08.67	000 50.07	N16 16.88	071 08.31	13.99	S16 41.73	09.68	54.48
13	058 13.54	347 58.74	N23 10.09	344 52.64	N23 24.86	315 31.23	N23 08.57	345 22.10	N21 08.71	015 50.12	N16 17.59	085 41.30	14.05	S16 32.05	09.74	54.46
14	073 16.00	002 57.95	N23 10.60	359 53.29	N23 25.06	330 33.24	N23 08.54	000 24.25	N21 08.75	030 50.18	N16 18.30	100 14.35	14.12	S16 22.30	09.81	54.45
15	088 18.47	017 57.17	N23 11.11	014 53.94	N23 25.27	345 35.25	N23 08.51	015 26.39	N21 08.79	045 50.23	N16 19.01	114 47.47	14.18	S16 12.49	09.87	54.43
16	103 20.93	032 56.38	N23 11.62	029 54.59	N23 25.48	000 37.26	N23 08.47	030 28.54	N21 08.83	060 50.28	N16 19.72	129 20.65	14.24	S16 02.62	09.93	54.42
17	118 23.40	047 55.60	N23 12.13	044 55.25	N23 25.68	015 39.27	N23 08.44	045 30.69	N21 08.87	075 50.33	N16 20.43	143 53.89	14.30	S15 52.69	09.99	54.41
18	133 25.86	062 54.81	N23 12.63	059 55.90	N23 25.88	030 41.28	N23 08.40	060 32.84	N21 08.92	090 50.38	N16 21.14	158 27.20	14.37	S15 42.70	10.05	54.39
19	148 28.32	077 54.03	N23 13.14	074 56.55	N23 26.09	045 43.30	N23 08.37	075 34.98	N21 08.96	105 50.43	N16 21.85	173 00.56	14.43	S15 32.65	10.11	54.38
20	163 30.79	092 53.24	N23 13.64	089 57.20	N23 26.29	060 45.31	N23 08.34	090 37.13	N21 09.00	120 50.48	N16 22.56	187 33.99	14.48	S15 22.53	10.17	54.37
21	178 33.25	107 52.46	N23 14.15	104 57.85	N23 26.50	075 47.32	N23 08.30	105 39.28	N21 09.04	135 50.53	N16 23.27	202 07.47	14.54	S15 12.36	10.23	54.35
22	193 35.72	122 51.67	N23 14.65	119 58.51	N23 26.70	090 49.33	N23 08.27	120 41.43	N21 09.08	150 50.58	N16 23.97	216 41.01	14.60	S15 02.14	10.28	54.34
23	208 38.18	137 50.88	N23 15.15	134 59.16	N23 26.90	105 51.34	N23 08.24	135 43.57	N21 09.12	165 50.63	N16 24.68	231 14.62	14.66	S14 51.85	10.34	54.33
06 00	223 40.64	152 50.10	N23 15.65	149 59.81	N23 27.11	120 53.35	N23 08.20	150 45.72	N21 09.16	180 50.68	N16 25.39	245 48.28	14.72	S14 41.51	10.40	54.32
01	238 43.11	167 49.31	N23 16.15	165 00.46	N23 27.31	135 55.36	N23 08.17	165 47.87	N21 09.20	195 50.73	N16 26.09	260 21.99	14.77	S14 31.12	10.45	54.31
02	253 45.57	182 48.52	N23 16.65	180 01.11	N23 27.51	150 57.37	N23 08.13	180 50.01	N21 09.24	210 50.78	N16 26.80	274 55.76	14.83	S14 20.67	10.50	54.29
03	268 48.04	197 47.74	N23 17.15	195 01.76	N23 27.71	165 59.38	N23 08.10	195 52.16	N21 09.28	225 50.83	N16 27.51	289 29.59	14.88	S14 10.16	10.56	54.28
04	283 50.50	212 46.95	N23 17.64	210 02.42	N23 27.91	181 01.39	N23 08.07	210 54.31	N21 09.32	240 50.88	N16 28.21	304 03.47	14.93	S13 59.61	10.61	54.27
05	298 52.96	227 46.16	N23 18.14	225 03.07	N23 28.11	196 03.40	N23 08.03	225 56.45	N21 09.36	255 50.93	N16 28.91	318 37.40	14.99	S13 49.00	10.66	54.26
06	313 55.43	242 45.37	N23 18.63	240 03.72	N23 28.31	211 05.40	N23 08.00	240 58.60	N21 09.40	270 50.97	N16 29.62	333 11.39	15.04	S13 38.34	10.71	54.25
07	328 57.89	257 44.58	N23 19.12	255 04.37	N23 28.52	226 07.41	N23 07.96	256 00.75	N21 09.44	285 51.02	N16 30.32	347 45.43	15.09	S13 27.63	10.76	54.24
08	344 00.36	272 43.79	N23 19.61	270 05.02	N23 28.72	241 09.42	N23 07.93	271 02.89	N21 09.48	300 51.07	N16 31.02	002 19.51	15.14	S13 16.87	10.81	54.23
09	359 02.82	287 43.00	N23 20.10	285 05.67	N23 28.91	256 11.43	N23 07.90	286 05.04	N21 09.52	315 51.12	N16 31.73	016 53.65	15.19	S13 06.05	10.86	54.22
10	014 05.29	302 42.21	N23 20.59	300 06.32	N23 29.11	271 13.44	N23 07.86	301 07.18	N21 09.56	330 51.16	N16 32.43	031 27.84	15.24	S12 55.20	10.91	54.22
11	029 07.75	317 41.42	N23 21.08	315 06.98	N23 29.31	286 15.45	N23 07.83	316 09.33	N21 09.60	345 51.21	N16 33.13	046 02.08	15.28	S12 44.29	10.95	54.21
12	044 10.21	332 40.63	N23 21.56	330 07.63	N23 29.51	301 17.46	N23 07.79	331 11.48	N21 09.65	000 51.26	N16 33.83	060 36.36	15.33	S12 33.34	11.00	54.20
13	059 12.68	347 39.84	N23 22.05	345 08.28	N23 29.71	316 19.46	N23 07.76	346 13.62	N21 09.69	015 51.30	N16 34.53	075 10.70	15.38	S12 22.34	11.05	54.19
14	074 15.14	002 39.05	N23 22.53	000 08.93	N23 29.91	331 21.47	N23 07.72	001 15.77	N21 09.73	030 51.35	N16 35.23	089 45.07	15.42	S12 11.29	11.09	54.18
15	089 17.61	017 38.26	N23 23.02	015 09.58	N23 30.10	346 23.48	N23 07.69	016 17.91	N21 09.77	045 51.39	N16 35.93	104 19.50	15.47	S12 00.20	11.13	54.17
16	104 20.07	032 37.46	N23 23.50	030 10.23	N23 30.30	001 25.49	N23 07.65	031 20.06	N21 09.81	060 51.44	N16 36.63	118 53.96	15.51	S11 49.06	11.18	54.17
17	119 22.53	047 36.67	N23 23.98	045 10.88	N23 30.50	016 27.49	N23 07.62	046 22.21	N21 09.85	075 51.48	N16 37.33	133 28.47	15.55	S11 37.89	11.22	54.16
18	134 25.00	062 35.88	N23 24.46	060 11.53	N23 30.69	031 29.50	N23 07.59	061 24.35	N21 09.89	090 51.53	N16 38.03	148 03.03	15.60	S11 26.66	11.26	54.15
19	149 27.46	077 35.09	N23 24.94	075 12.18	N23 30.89	046 31.51	N23 07.55	076 26.50	N21 09.93	105 51.57	N16 38.72	162 37.62	15.64	S11 15.40	11.30	54.15
20	164 29.93	092 34.29	N23 25.42	090 12.84	N23 31.09	061 33.51	N23 07.52	091 28.64	N21 09.97	120 51.62	N16 39.42	177 12.26	15.68	S11 04.10	11.35	54.14
21	179 32.39	107 33.50	N23 25.89	105 13.49	N23 31.28	076 35.52	N23 07.48	106 30.79	N21 10.01	135 51.66	N16 40.12	191 46.94	15.72	S10 52.75	11.39	54.14
22	194 34.85	122 32.70	N23 26.37	120 14.14	N23 31.48	091 37.52	N23 07.45	121 32.93	N21 10.05	150 51.71	N16 40.81	206 21.65	15.75	S10 41.37	11.43	54.13
23	209 37.32	137 31.91	N23 26.84	135 14.79	N23 31.67	106 39.53	N23 07.41	136 35.08	N21 10.09	165 51.75	N16 41.51	220 56.41	15.79	S10 29.94	11.46	54.12
		v -0.79	d 0.50	v 0.65	d 0.20	v 2.01	d 0.03	v 2.15	d 0.04	v 0.05	d 0.71	SD	14.85	14.77		
		HP 0.10		HP 0.06						SD 15.86	HP 0.15					

Tuesday May 07, 2002 through Wednesday May 08, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
07 00	224 39.78	152 31.12	N23 27.31	150 15.44	N23 31.87	121 41.54	N23 07.38	151 37.22	N21 10.13	180 51.79	N16 42.20	235 31.20	15.83	S10 18.48	11.50	54.12
01	239 42.25	167 30.32	N23 27.79	165 16.09	N23 32.06	136 43.54	N23 07.34	166 39.37	N21 10.17	195 51.84	N16 42.90	250 06.03	15.86	S10 06.97	11.54	54.12
02	254 44.71	182 29.53	N23 28.26	180 16.74	N23 32.25	151 45.55	N23 07.31	181 41.51	N21 10.21	210 51.88	N16 43.59	264 40.89	15.90	S09 55.44	11.58	54.11
03	269 47.17	197 28.73	N23 28.73	195 17.39	N23 32.45	166 47.55	N23 07.27	196 43.66	N21 10.25	225 51.92	N16 44.29	279 15.79	15.93	S09 43.86	11.61	54.11
04	284 49.64	212 27.94	N23 29.19	210 18.04	N23 32.64	181 49.56	N23 07.24	211 45.80	N21 10.29	240 51.96	N16 44.98	293 50.72	15.97	S09 32.25	11.65	54.10
05	299 52.10	227 27.14	N23 29.66	225 18.69	N23 32.83	196 51.56	N23 07.20	226 47.95	N21 10.33	255 52.01	N16 45.67	308 25.69	16.00	S09 20.60	11.68	54.10
06	314 54.57	242 26.34	N23 30.13	240 19.34	N23 33.02	211 53.57	N23 07.17	241 50.09	N21 10.37	270 52.05	N16 46.37	323 00.69	16.03	S09 08.92	11.72	54.10
07	329 57.03	257 25.55	N23 30.59	255 19.99	N23 33.22	226 55.57	N23 07.13	256 52.24	N21 10.41	285 52.09	N16 47.06	337 35.72	16.06	S08 57.20	11.75	54.09
08	344 59.49	272 24.75	N23 31.06	270 20.64	N23 33.41	241 57.58	N23 07.10	271 54.38	N21 10.45	300 52.13	N16 47.75	352 10.78	16.09	S08 45.46	11.78	54.09
09	000 01.96	287 23.95	N23 31.52	285 21.30	N23 33.60	256 59.58	N23 07.06	286 56.53	N21 10.49	315 52.17	N16 48.44	006 45.87	16.12	S08 33.67	11.81	54.09
10	015 04.42	302 23.15	N23 31.98	300 21.95	N23 33.79	272 01.58	N23 07.03	301 58.67	N21 10.54	330 52.21	N16 49.13	021 20.99	16.15	S08 21.86	11.84	54.08
11	030 06.89	317 22.36	N23 32.44	315 22.60	N23 33.98	287 03.59	N23 06.99	317 00.81	N21 10.58	345 52.25	N16 49.82	035 56.14	16.17	S08 10.01	11.88	54.08
12	045 09.35	332 21.56	N23 32.90	330 23.25	N23 34.17	302 05.59	N23 06.96	332 02.96	N21 10.62	000 52.29	N16 50.51	050 31.31	16.20	S07 58.14	11.91	54.08
13	060 11.81	347 20.76	N23 33.36	345 23.90	N23 34.36	317 07.60	N23 06.92	347 05.10	N21 10.66	015 52.33	N16 51.20	065 06.51	16.23	S07 46.23	11.93	54.08
14	075 14.28	002 19.96	N23 33.81	000 24.55	N23 34.55	332 09.60	N23 06.89	002 07.25	N21 10.70	030 52.37	N16 51.89	079 41.74	16.25	S07 34.30	11.96	54.08
15	090 16.74	017 19.16	N23 34.27	015 25.20	N23 34.74	347 11.60	N23 06.85	017 09.39	N21 10.74	045 52.41	N16 52.57	094 16.99	16.27	S07 22.34	11.99	54.08
16	105 19.21	032 18.36	N23 34.72	030 25.85	N23 34.93	002 13.61	N23 06.82	032 11.54	N21 10.78	060 52.45	N16 53.26	108 52.26	16.30	S07 10.34	12.02	54.08
17	120 21.67	047 17.56	N23 35.18	045 26.50	N23 35.11	017 15.61	N23 06.78	047 13.68	N21 10.82	075 52.49	N16 53.95	123 27.56	16.32	S06 58.32	12.05	54.08
18	135 24.14	062 16.76	N23 35.63	060 27.15	N23 35.30	032 17.61	N23 06.75	062 15.82	N21 10.86	090 52.53	N16 54.64	138 02.87	16.34	S06 46.28	12.07	54.07
19	150 26.60	077 15.96	N23 36.08	075 27.80	N23 35.49	047 19.61	N23 06.71	077 17.97	N21 10.90	105 52.57	N16 55.32	152 38.21	16.36	S06 34.21	12.10	54.07
20	165 29.06	092 15.16	N23 36.53	090 28.45	N23 35.68	062 21.62	N23 06.67	092 20.11	N21 10.94	120 52.61	N16 56.01	167 13.57	16.38	S06 22.11	12.12	54.08
21	180 31.53	107 14.36	N23 36.98	105 29.10	N23 35.86	077 23.62	N23 06.64	107 22.26	N21 10.98	135 52.65	N16 56.69	181 48.95	16.39	S06 09.99	12.15	54.08
22	195 33.99	122 13.56	N23 37.43	120 29.75	N23 36.05	092 25.62	N23 06.60	122 24.40	N21 11.02	150 52.68	N16 57.38	196 24.34	16.41	S05 57.84	12.17	54.08
23	210 36.46	137 12.76	N23 37.87	135 30.40	N23 36.24	107 27.62	N23 06.57	137 26.54	N21 11.06	165 52.72	N16 58.06	210 59.75	16.43	S05 45.67	12.19	54.08
08 00	225 38.92	152 11.96	N23 38.32	150 31.05	N23 36.42	122 29.62	N23 06.53	152 28.69	N21 11.10	180 52.76	N16 58.74	225 35.18	16.44	S05 33.48	12.21	54.08
01	240 41.38	167 11.16	N23 38.76	165 31.70	N23 36.61	137 31.62	N23 06.50	167 30.83	N21 11.14	195 52.80	N16 59.43	240 10.62	16.46	S05 21.26	12.24	54.08
02	255 43.85	182 10.35	N23 39.21	180 32.35	N23 36.79	152 33.63	N23 06.46	182 32.97	N21 11.18	210 52.83	N17 00.11	254 46.08	16.47	S05 09.03	12.26	54.08
03	270 46.31	197 09.55	N23 39.65	195 33.00	N23 36.98	167 35.63	N23 06.42	197 35.12	N21 11.22	225 52.87	N17 00.79	269 21.55	16.48	S04 56.77	12.28	54.08
04	285 48.78	212 08.75	N23 40.09	210 33.65	N23 37.16	182 37.63	N23 06.39	212 37.26	N21 11.26	240 52.91	N17 01.47	283 57.03	16.49	S04 44.49	12.30	54.09
05	300 51.24	227 07.95	N23 40.53	225 34.30	N23 37.35	197 39.63	N23 06.35	227 39.40	N21 11.30	255 52.94	N17 02.15	298 32.53	16.51	S04 32.19	12.32	54.09
06	315 53.70	242 07.14	N23 40.97	240 34.95	N23 37.53	212 41.63	N23 06.32	242 41.55	N21 11.34	270 52.98	N17 02.83	313 08.03	16.52	S04 19.88	12.33	54.09
07	330 56.17	257 06.34	N23 41.40	255 35.60	N23 37.71	227 43.63	N23 06.28	257 43.69	N21 11.38	285 53.01	N17 03.51	327 43.55	16.52	S04 07.54	12.35	54.09
08	345 58.63	272 05.54	N23 41.84	270 36.25	N23 37.90	242 45.63	N23 06.25	272 45.83	N21 11.42	300 53.05	N17 04.19	342 19.07	16.53	S03 55.19	12.37	54.10
09	001 01.10	287 04.73	N23 42.27	285 36.90	N23 38.08	257 47.63	N23 06.21	287 47.97	N21 11.46	315 53.08	N17 04.87	356 54.60	16.54	S03 42.82	12.39	54.10
10	016 03.56	302 03.93	N23 42.71	300 37.55	N23 38.26	272 49.63	N23 06.17	302 50.12	N21 11.50	330 53.12	N17 05.55	011 30.14	16.55	S03 30.44	12.40	54.10
11	031 06.02	317 03.12	N23 43.14	315 38.20	N23 38.44	287 51.63	N23 06.14	317 52.26	N21 11.54	345 53.15	N17 06.23	026 05.69	16.55	S03 18.04	12.42	54.11
12	046 08.49	332 02.32	N23 43.57	330 38.85	N23 38.62	302 53.63	N23 06.10	332 54.40	N21 11.58	000 53.19	N17 06.91	040 41.24	16.55	S03 05.62	12.43	54.11
13	061 10.95	347 01.51	N23 44.00	345 39.50	N23 38.80	317 55.63	N23 06.06	347 56.54	N21 11.62	015 53.22	N17 07.59	055 16.79	16.56	S02 53.19	12.44	54.12
14	076 13.42	002 00.71	N23 44.43	000 40.15	N23 38.99	332 57.63	N23 06.03	002 58.69	N21 11.66	030 53.26	N17 08.26	069 52.35	16.56	S02 40.74	12.46	54.12
15	091 15.88	016 59.90	N23 44.86	015 40.80	N23 39.17	347 59.63	N23 05.99	018 00.83	N21 11.70	045 53.29	N17 08.94	084 27.91	16.56	S02 28.29	12.47	54.12
16	106 18.34	031 59.09	N23 45.29	030 41.45	N23 39.35	003 01.62	N23 05.96	033 02.97	N21 11.74	060 53.32	N17 09.61	099 03.47	16.56	S02 15.82	12.48	54.13
17	121 20.81	046 58.29	N23 45.71	045 42.10	N23 39.53	018 03.62	N23 05.92	048 05.11	N21 11.78	075 53.36	N17 10.29	113 39.04	16.56	S02 03.33	12.49	54.13
18	136 23.27	061 57.48	N23 46.14	060 42.75	N23 39.71	033 05.62	N23 05.88	063 07.26	N21 11.82	090 53.39	N17 10.96	128 14.60	16.56	S01 50.84	12.50	54.14
19	151 25.74	076 56.68	N23 46.56	075 43.40	N23 39.88	048 07.62	N23 05.85	078 09.40	N21 11.86	105 53.42	N17 11.64	142 50.16	16.56	S01 38.34	12.51	54.14
20	166 28.20	091 55.87	N23 46.98	090 44.05	N23 40.06	063 09.62	N23 05.81	093 11.54	N21 11.90	120 53.45	N17 12.31	157 25.72	16.56	S01 25.82	12.52	54.15
21	181 30.66	106 55.06	N23 47.40	105 44.70	N23 40.24	078 11.62	N23 05.77	108 13.68	N21 11.94	135 53.48	N17 12.98	172 01.27	16.55	S01 13.30	12.53	54.16
22	196 33.13	121 54.25	N23 47.82	120 45.35	N23 40.42	093 13.61	N23 05.74	123 15.83	N21 11.98	150 53.52	N17 13.66	186 36.83	16.55	S01 00.77	12.54	54.16
23	211 35.59	136 53.44	N23 48.24	135 46.00	N23 40.60	108 15.61	N23 05.70	138 17.97	N21 12.02	165 53.55	N17 14.33	201 12.37	16.54	S00 48.23	12.55	54.17
		v -0.80	d 0.44	v 0.65	d 0.19	v 2.00	d 0.04	v 2.14	d 0.04	v 0.04	d 0.68	SD	14.74	14.74		
		HP 0.10		HP 0.06						SD 15.85	HP 0.15					

Thursday May 09, 2002 through Friday May 10, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
09 00	226 38.06	151 52.64	N23 48.66	150 46.65	N23 40.78	123 17.61	N23 05.66	153 20.11	N21 12.06	180 53.58	N17 15.00	215 47.92	16.53	S00 35.69	12.55	54.18
01	241 40.52	166 51.83	N23 49.08	165 47.30	N23 40.95	138 19.61	N23 05.63	168 22.25	N21 12.10	195 53.61	N17 15.67	230 23.45	16.53	S00 23.13	12.56	54.18
02	256 42.98	181 51.02	N23 49.49	180 47.95	N23 41.13	153 21.60	N23 05.59	183 24.39	N21 12.14	210 53.64	N17 16.34	244 58.98	16.52	S00 10.57	12.56	54.19
03	271 45.45	196 50.21	N23 49.91	195 48.60	N23 41.30	168 23.60	N23 05.55	198 26.53	N21 12.18	225 53.67	N17 17.01	259 34.50	16.51	N00 01.99	12.57	54.20
04	286 47.91	211 49.40	N23 50.32	210 49.24	N23 41.48	183 25.60	N23 05.52	213 28.68	N21 12.22	240 53.70	N17 17.68	274 10.00	16.50	N00 14.56	12.57	54.20
05	301 50.38	226 48.59	N23 50.73	225 49.89	N23 41.66	198 27.59	N23 05.48	228 30.82	N21 12.26	255 53.73	N17 18.35	288 45.50	16.49	N00 27.13	12.57	54.21
06	316 52.84	241 47.78	N23 51.14	240 50.54	N23 41.83	213 29.59	N23 05.44	243 32.96	N21 12.30	270 53.76	N17 19.02	303 20.99	16.48	N00 39.70	12.58	54.22
07	331 55.31	256 46.97	N23 51.55	255 51.19	N23 42.01	228 31.59	N23 05.41	258 35.10	N21 12.34	285 53.79	N17 19.69	317 56.47	16.46	N00 52.28	12.58	54.23
08	346 57.77	271 46.16	N23 51.96	270 51.84	N23 42.18	243 33.58	N23 05.37	273 37.24	N21 12.38	300 53.82	N17 20.36	332 31.93	16.45	N01 04.86	12.58	54.24
09	002 00.23	286 45.35	N23 52.37	285 52.49	N23 42.36	258 35.58	N23 05.33	288 39.38	N21 12.42	315 53.85	N17 21.02	347 07.38	16.43	N01 17.44	12.58	54.24
10	017 02.70	301 44.54	N23 52.77	300 53.14	N23 42.53	273 37.57	N23 05.30	303 41.52	N21 12.46	330 53.88	N17 21.69	001 42.81	16.42	N01 30.02	12.58	54.25
11	032 05.16	316 43.73	N23 53.18	315 53.79	N23 42.70	288 39.57	N23 05.26	318 43.67	N21 12.50	345 53.91	N17 22.36	016 18.23	16.40	N01 42.60	12.58	54.26
12	047 07.63	331 42.92	N23 53.58	330 54.44	N23 42.88	303 41.56	N23 05.22	333 45.81	N21 12.54	000 53.94	N17 23.02	030 53.63	16.38	N01 55.18	12.58	54.27
13	062 10.09	346 42.11	N23 53.98	345 55.09	N23 43.05	318 43.56	N23 05.19	348 47.95	N21 12.58	015 53.96	N17 23.69	045 29.01	16.36	N02 07.75	12.57	54.28
14	077 12.55	001 41.29	N23 54.38	000 55.74	N23 43.22	333 45.55	N23 05.15	003 50.09	N21 12.62	030 53.99	N17 24.35	060 04.38	16.35	N02 20.33	12.57	54.29
15	092 15.02	016 40.48	N23 54.78	015 56.39	N23 43.39	348 47.55	N23 05.11	018 52.23	N21 12.66	045 54.02	N17 25.02	074 39.72	16.32	N02 32.90	12.57	54.30
16	107 17.48	031 39.67	N23 55.18	030 57.04	N23 43.56	003 49.54	N23 05.07	033 54.37	N21 12.70	060 54.05	N17 25.68	089 15.05	16.30	N02 45.46	12.56	54.31
17	122 19.95	046 38.86	N23 55.58	045 57.69	N23 43.74	018 51.54	N23 05.04	048 56.51	N21 12.74	075 54.07	N17 26.34	103 50.35	16.28	N02 58.03	12.56	54.32
18	137 22.41	061 38.04	N23 55.98	060 58.33	N23 43.91	033 53.53	N23 05.00	063 58.65	N21 12.78	090 54.10	N17 27.01	118 25.63	16.26	N03 10.58	12.55	54.33
19	152 24.87	076 37.23	N23 56.37	075 58.98	N23 44.08	048 55.53	N23 04.96	079 00.79	N21 12.82	105 54.13	N17 27.67	133 00.89	16.23	N03 23.13	12.54	54.34
20	167 27.34	091 36.42	N23 56.77	090 59.63	N23 44.25	063 57.52	N23 04.92	094 02.93	N21 12.86	120 54.15	N17 28.33	147 36.12	16.21	N03 35.68	12.54	54.35
21	182 29.80	106 35.60	N23 57.16	106 00.28	N23 44.42	078 59.52	N23 04.89	109 05.07	N21 12.90	135 54.18	N17 28.99	162 11.33	16.18	N03 48.21	12.53	54.36
22	197 32.27	121 34.79	N23 57.55	121 00.93	N23 44.59	094 01.51	N23 04.85	124 07.21	N21 12.94	150 54.20	N17 29.65	176 46.52	16.16	N04 00.74	12.52	54.37
23	212 34.73	136 33.98	N23 57.94	136 01.58	N23 44.76	109 03.50	N23 04.81	139 09.35	N21 12.98	165 54.23	N17 30.31	191 21.67	16.13	N04 13.26	12.51	54.38
10 00	227 37.19	151 33.16	N23 58.33	151 02.23	N23 44.93	124 05.50	N23 04.77	154 11.49	N21 13.02	180 54.25	N17 30.97	205 56.80	16.10	N04 25.77	12.50	54.39
01	242 39.66	166 32.35	N23 58.72	166 02.88	N23 45.09	139 07.49	N23 04.74	169 13.63	N21 13.06	195 54.28	N17 31.63	220 31.91	16.07	N04 38.27	12.49	54.40
02	257 42.12	181 31.53	N23 59.11	181 03.53	N23 45.26	154 09.48	N23 04.70	184 15.77	N21 13.10	210 54.30	N17 32.29	235 06.98	16.04	N04 50.75	12.47	54.41
03	272 44.59	196 30.72	N23 59.49	196 04.18	N23 45.43	169 11.47	N23 04.66	199 17.91	N21 13.14	225 54.33	N17 32.95	249 42.02	16.01	N05 03.23	12.46	54.43
04	287 47.05	211 29.90	N23 59.88	211 04.82	N23 45.60	184 13.47	N23 04.62	214 20.05	N21 13.18	240 54.35	N17 33.60	264 17.03	15.98	N05 15.69	12.45	54.44
05	302 49.51	226 29.09	N24 00.26	226 05.47	N23 45.76	199 15.46	N23 04.59	229 22.19	N21 13.22	255 54.38	N17 34.26	278 52.01	15.95	N05 28.14	12.43	54.45
06	317 51.98	241 28.27	N24 00.64	241 06.12	N23 45.93	214 17.45	N23 04.55	244 24.33	N21 13.26	270 54.40	N17 34.92	293 26.96	15.91	N05 40.57	12.42	54.46
07	332 54.44	256 27.45	N24 01.02	256 06.77	N23 46.10	229 19.44	N23 04.51	259 26.47	N21 13.30	285 54.42	N17 35.57	308 01.87	15.88	N05 52.99	12.40	54.47
08	347 56.91	271 26.64	N24 01.40	271 07.42	N23 46.26	244 21.44	N23 04.47	274 28.61	N21 13.34	300 54.45	N17 36.23	322 36.75	15.84	N06 05.39	12.39	54.49
09	002 59.37	286 25.82	N24 01.78	286 08.07	N23 46.43	259 23.43	N23 04.44	289 30.75	N21 13.38	315 54.47	N17 36.88	337 11.59	15.81	N06 17.78	12.37	54.50
10	018 01.83	301 25.01	N24 02.16	301 08.72	N23 46.59	274 25.42	N23 04.40	304 32.89	N21 13.42	330 54.49	N17 37.54	351 46.40	15.77	N06 30.14	12.35	54.51
11	033 04.30	316 24.19	N24 02.54	316 09.37	N23 46.76	289 27.41	N23 04.36	319 35.03	N21 13.46	345 54.52	N17 38.19	006 21.16	15.73	N06 42.49	12.33	54.52
12	048 06.76	331 23.37	N24 02.91	331 10.01	N23 46.92	304 29.40	N23 04.32	334 37.17	N21 13.50	000 54.54	N17 38.85	020 55.90	15.69	N06 54.83	12.31	54.54
13	063 09.23	346 22.55	N24 03.29	346 10.66	N23 47.09	319 31.39	N23 04.28	349 39.31	N21 13.54	015 54.56	N17 39.50	035 30.59	15.65	N07 07.14	12.29	54.55
14	078 11.69	001 21.74	N24 03.66	001 11.31	N23 47.25	334 33.39	N23 04.25	004 41.45	N21 13.58	030 54.58	N17 40.15	050 05.24	15.61	N07 19.43	12.27	54.56
15	093 14.16	016 20.92	N24 04.03	016 11.96	N23 47.42	349 35.38	N23 04.21	019 43.59	N21 13.62	045 54.60	N17 40.80	064 39.85	15.57	N07 31.69	12.25	54.58
16	108 16.62	031 20.10	N24 04.40	031 12.61	N23 47.58	004 37.37	N23 04.17	034 45.73	N21 13.66	060 54.62	N17 41.46	079 14.42	15.53	N07 43.94	12.22	54.59
17	123 19.08	046 19.28	N24 04.77	046 13.26	N23 47.74	019 39.36	N23 04.13	049 47.87	N21 13.70	075 54.64	N17 42.11	093 48.95	15.49	N07 56.16	12.20	54.60
18	138 21.55	061 18.46	N24 05.14	061 13.91	N23 47.90	034 41.35	N23 04.09	064 50.01	N21 13.74	090 54.67	N17 42.76	108 23.44	15.44	N08 08.36	12.17	54.62
19	153 24.01	076 17.64	N24 05.51	076 14.56	N23 48.07	049 43.34	N23 04.06	079 52.15	N21 13.78	105 54.69	N17 43.41	122 57.88	15.40	N08 20.53	12.15	54.63
20	168 26.48	091 16.83	N24 05.87	091 15.20	N23 48.23	064 45.33	N23 04.02	094 54.29	N21 13.82	120 54.71	N17 44.06	137 32.27	15.35	N08 32.68	12.12	54.65
21	183 28.94	106 16.01	N24 06.24	106 15.85	N23 48.39	079 47.32	N23 03.98	109 56.43	N21 13.86	135 54.73	N17 44.70	152 06.63	15.30	N08 44.80	12.09	54.66
22	198 31.40	121 15.19	N24 06.60	121 16.50	N23 48.55	094 49.31	N23 03.94	124 58.56	N21 13.90	150 54.75	N17 45.35	166 40.93	15.26	N08 56.89	12.06	54.67
23	213 33.87	136 14.37	N24 06.96	136 17.15	N23 48.71	109 51.30	N23 03.90	140 00.70	N21 13.94	165 54.76	N17 46.00	181 15.19	15.21	N09 08.96	12.04	54.69
		v -0.81	d 0.39	v 0.65	d 0.17	v 1.99	d 0.04	v 2.14	d 0.04	v 0.02	d 0.66	SD	14.79	14.86		
		HP 0.10		HP 0.06						SD 15.84	HP 0.15					

Saturday May 11, 2002 through Sunday May 12, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
11 00	228 36.33	151 13.55	N24 07.32	151 17.80	N23 48.87	124 53.29	N23 03.86	155 02.84	N21 13.98	180 54.78	N17 46.65	195 49.40	15.16	N09 20.99	12.01	54.70
01	243 38.80	166 12.73	N24 07.68	166 18.45	N23 49.03	139 55.28	N23 03.83	170 04.98	N21 14.02	195 54.80	N17 47.30	210 23.56	15.11	N09 33.00	11.97	54.72
02	258 41.26	181 11.91	N24 08.04	181 19.09	N23 49.19	154 57.26	N23 03.79	185 07.12	N21 14.06	210 54.82	N17 47.94	224 57.67	15.06	N09 44.97	11.94	54.73
03	273 43.72	196 11.09	N24 08.40	196 19.74	N23 49.35	169 59.25	N23 03.75	200 09.26	N21 14.10	225 54.84	N17 48.59	239 31.73	15.01	N09 56.92	11.91	54.75
04	288 46.19	211 10.26	N24 08.76	211 20.39	N23 49.51	185 01.24	N23 03.71	215 11.40	N21 14.14	240 54.86	N17 49.23	254 05.73	14.96	N10 08.83	11.88	54.76
05	303 48.65	226 09.44	N24 09.11	226 21.04	N23 49.67	200 03.23	N23 03.67	230 13.53	N21 14.18	255 54.88	N17 49.88	268 39.69	14.90	N10 20.70	11.84	54.78
06	318 51.12	241 08.62	N24 09.47	241 21.69	N23 49.83	215 05.22	N23 03.63	245 15.67	N21 14.22	270 54.89	N17 50.52	283 13.60	14.85	N10 32.55	11.81	54.79
07	333 53.58	256 07.80	N24 09.82	256 22.34	N23 49.98	230 07.21	N23 03.59	260 17.81	N21 14.26	285 54.91	N17 51.17	297 47.45	14.80	N10 44.35	11.77	54.81
08	348 56.04	271 06.98	N24 10.17	271 22.99	N23 50.14	245 09.20	N23 03.55	275 19.95	N21 14.30	300 54.93	N17 51.81	312 21.24	14.74	N10 56.12	11.73	54.82
09	003 58.51	286 06.16	N24 10.52	286 23.63	N23 50.30	260 11.18	N23 03.52	290 22.09	N21 14.34	315 54.95	N17 52.45	326 54.98	14.68	N11 07.85	11.69	54.84
10	019 00.97	301 05.34	N24 10.87	301 24.28	N23 50.46	275 13.17	N23 03.48	305 24.23	N21 14.38	330 54.96	N17 53.09	341 28.67	14.63	N11 19.55	11.65	54.86
11	034 03.44	316 04.51	N24 11.22	316 24.93	N23 50.61	290 15.16	N23 03.44	320 26.36	N21 14.41	345 54.98	N17 53.73	356 02.29	14.57	N11 31.20	11.61	54.87
12	049 05.90	331 03.69	N24 11.57	331 25.58	N23 50.77	305 17.15	N23 03.40	335 28.50	N21 14.45	000 54.99	N17 54.38	010 35.86	14.51	N11 42.82	11.57	54.89
13	064 08.37	346 02.87	N24 11.91	346 26.23	N23 50.92	320 19.13	N23 03.36	350 30.64	N21 14.49	015 55.01	N17 55.02	025 09.38	14.45	N11 54.39	11.53	54.90
14	079 10.83	001 02.05	N24 12.26	001 26.88	N23 51.08	335 21.12	N23 03.32	005 32.78	N21 14.53	030 55.03	N17 55.66	039 42.83	14.39	N12 05.92	11.49	54.92
15	094 13.29	016 01.22	N24 12.60	016 27.52	N23 51.23	350 23.11	N23 03.28	020 34.92	N21 14.57	045 55.04	N17 56.30	054 16.22	14.33	N12 17.41	11.44	54.94
16	109 15.76	031 00.40	N24 12.94	031 28.17	N23 51.39	005 25.09	N23 03.24	035 37.05	N21 14.61	060 55.06	N17 56.93	068 49.56	14.27	N12 28.86	11.40	54.95
17	124 18.22	045 59.58	N24 13.28	046 28.82	N23 51.54	020 27.08	N23 03.20	050 39.19	N21 14.65	075 55.07	N17 57.57	083 22.83	14.21	N12 40.26	11.35	54.97
18	139 20.69	060 58.75	N24 13.62	061 29.47	N23 51.70	035 29.07	N23 03.17	065 41.33	N21 14.69	090 55.09	N17 58.21	097 56.04	14.15	N12 51.61	11.31	54.99
19	154 23.15	075 57.93	N24 13.96	076 30.12	N23 51.85	050 31.05	N23 03.13	080 43.47	N21 14.73	105 55.10	N17 58.85	112 29.19	14.09	N13 02.92	11.26	55.00
20	169 25.61	090 57.10	N24 14.30	091 30.76	N23 52.00	065 33.04	N23 03.09	095 45.60	N21 14.77	120 55.11	N17 59.49	127 02.28	14.02	N13 14.18	11.21	55.02
21	184 28.08	105 56.28	N24 14.63	106 31.41	N23 52.16	080 35.03	N23 03.05	110 47.74	N21 14.81	135 55.13	N18 00.12	141 35.30	13.96	N13 25.39	11.16	55.04
22	199 30.54	120 55.45	N24 14.97	121 32.06	N23 52.31	095 37.01	N23 03.01	125 49.88	N21 14.85	150 55.14	N18 00.76	156 08.25	13.89	N13 36.55	11.11	55.05
23	214 33.01	135 54.63	N24 15.30	136 32.71	N23 52.46	110 39.00	N23 02.97	140 52.02	N21 14.89	165 55.16	N18 01.39	170 41.15	13.83	N13 47.66	11.06	55.07
12 00	229 35.47	150 53.80	N24 15.64	151 33.36	N23 52.61	125 40.98	N23 02.93	155 54.15	N21 14.93	180 55.17	N18 02.03	185 13.97	13.76	N13 58.72	11.01	55.09
01	244 37.93	165 52.98	N24 15.97	166 34.01	N23 52.77	140 42.97	N23 02.89	170 56.29	N21 14.97	195 55.18	N18 02.66	199 46.73	13.69	N14 09.72	10.95	55.11
02	259 40.40	180 52.15	N24 16.30	181 34.65	N23 52.92	155 44.95	N23 02.85	185 58.43	N21 15.01	210 55.19	N18 03.30	214 19.43	13.63	N14 20.68	10.90	55.12
03	274 42.86	195 51.33	N24 16.63	196 35.30	N23 53.07	170 46.94	N23 02.81	201 00.57	N21 15.05	225 55.21	N18 03.93	228 52.05	13.56	N14 31.57	10.84	55.14
04	289 45.33	210 50.50	N24 16.95	211 35.95	N23 53.22	185 48.92	N23 02.77	216 02.70	N21 15.09	240 55.22	N18 04.56	243 24.61	13.49	N14 42.42	10.78	55.16
05	304 47.79	225 49.68	N24 17.28	226 36.60	N23 53.37	200 50.91	N23 02.73	231 04.84	N21 15.13	255 55.23	N18 05.19	257 57.10	13.42	N14 53.20	10.73	55.18
06	319 50.25	240 48.85	N24 17.61	241 37.25	N23 53.52	215 52.89	N23 02.69	246 06.98	N21 15.17	270 55.24	N18 05.83	272 29.52	13.35	N15 03.93	10.67	55.19
07	334 52.72	255 48.03	N24 17.93	256 37.89	N23 53.67	230 54.88	N23 02.65	261 09.11	N21 15.21	285 55.25	N18 06.46	287 01.87	13.28	N15 14.59	10.61	55.21
08	349 55.18	270 47.20	N24 18.25	271 38.54	N23 53.82	245 56.86	N23 02.61	276 11.25	N21 15.24	300 55.27	N18 07.09	301 34.15	13.21	N15 25.20	10.55	55.23
09	004 57.65	285 46.37	N24 18.57	286 39.19	N23 53.96	260 58.84	N23 02.57	291 13.39	N21 15.28	315 55.28	N18 07.72	316 06.36	13.14	N15 35.75	10.48	55.25
10	020 00.11	300 45.55	N24 18.90	301 39.84	N23 54.11	276 00.83	N23 02.53	306 15.52	N21 15.32	330 55.29	N18 08.35	330 38.49	13.06	N15 46.23	10.42	55.26
11	035 02.58	315 44.72	N24 19.21	316 40.49	N23 54.26	291 02.81	N23 02.49	321 17.66	N21 15.36	345 55.30	N18 08.98	345 10.56	12.99	N15 56.66	10.36	55.28
12	050 05.04	330 43.89	N24 19.53	331 41.13	N23 54.41	306 04.79	N23 02.45	336 19.80	N21 15.40	000 55.31	N18 09.60	359 42.55	12.92	N16 07.01	10.29	55.30
13	065 07.50	345 43.06	N24 19.85	346 41.78	N23 54.56	321 06.78	N23 02.41	351 21.93	N21 15.44	015 55.32	N18 10.23	014 14.47	12.85	N16 17.31	10.23	55.32
14	080 09.97	000 42.24	N24 20.17	001 42.43	N23 54.70	336 08.76	N23 02.38	006 24.07	N21 15.48	030 55.33	N18 10.86	028 46.31	12.77	N16 27.53	10.16	55.34
15	095 12.43	015 41.41	N24 20.48	016 43.08	N23 54.85	351 10.74	N23 02.34	021 26.21	N21 15.52	045 55.34	N18 11.49	043 18.09	12.70	N16 37.69	10.09	55.36
16	110 14.90	030 40.58	N24 20.79	031 43.73	N23 55.00	006 12.73	N23 02.30	036 28.34	N21 15.56	060 55.35	N18 12.11	057 49.78	12.62	N16 47.78	10.02	55.37
17	125 17.36	045 39.75	N24 21.11	046 44.37	N23 55.14	021 14.71	N23 02.26	051 30.48	N21 15.60	075 55.35	N18 12.74	072 21.41	12.55	N16 57.80	09.95	55.39
18	140 19.82	060 38.92	N24 21.42	061 45.02	N23 55.29	036 16.69	N23 02.22	066 32.62	N21 15.64	090 55.36	N18 13.36	086 52.96	12.47	N17 07.75	09.88	55.41
19	155 22.29	075 38.10	N24 21.73	076 45.67	N23 55.43	051 18.67	N23 02.18	081 34.75	N21 15.68	105 55.37	N18 13.99	101 24.43	12.40	N17 17.63	09.81	55.43
20	170 24.75	090 37.27	N24 22.04	091 46.32	N23 55.58	066 20.66	N23 02.13	096 36.89	N21 15.72	120 55.38	N18 14.61	115 55.83	12.32	N17 27.44	09.73	55.45
21	185 27.22	105 36.44	N24 22.34	106 46.97	N23 55.72	081 22.64	N23 02.09	111 39.02	N21 15.76	135 55.39	N18 15.24	130 27.15	12.24	N17 37.17	09.66	55.47
22	200 29.68	120 35.61	N24 22.65	121 47.61	N23 55.86	096 24.62	N23 02.05	126 41.16	N21 15.80	150 55.40	N18 15.86	144 58.39	12.17	N17 46.82	09.58	55.49
23	215 32.15	135 34.78	N24 22.95	136 48.26	N23 56.01	111 26.60	N23 02.01	141 43.30	N21 15.84	165 55.40	N18 16.48	159 29.56	12.09	N17 56.41	09.50	55.51
		v -0.83	d 0.33	v 0.65	d 0.15	v 1.99	d 0.04	v 2.14	d 0.04	v 0.01	d 0.63	SD	14.95	15.07		
		HP 0.10		HP 0.06						SD 15.83	HP 0.15					

Monday May 13, 2002 through Tuesday May 14, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
13 00	230 34.61	150 33.95	N24 23.26	151 48.91	N23 56.15	126 28.58	N23 01.97	156 45.43	N21 15.87	180 55.41	N18 17.11	174 00.65	12.01	N18 05.91	09.43	55.52
01	245 37.07	165 33.12	N24 23.56	166 49.56	N23 56.29	141 30.57	N23 01.93	171 47.57	N21 15.91	195 55.42	N18 17.73	188 31.66	11.93	N18 15.33	09.35	55.54
02	260 39.54	180 32.29	N24 23.86	181 50.20	N23 56.44	156 32.55	N23 01.89	186 49.70	N21 15.95	210 55.42	N18 18.35	203 02.59	11.86	N18 24.68	09.27	55.56
03	275 42.00	195 31.46	N24 24.16	196 50.85	N23 56.58	171 34.53	N23 01.85	201 51.84	N21 15.99	225 55.43	N18 18.97	217 33.45	11.78	N18 33.95	09.18	55.58
04	290 44.47	210 30.63	N24 24.46	211 51.50	N23 56.72	186 36.51	N23 01.81	216 53.97	N21 16.03	240 55.44	N18 19.59	232 04.23	11.70	N18 43.13	09.10	55.60
05	305 46.93	225 29.80	N24 24.76	226 52.15	N23 56.86	201 38.49	N23 01.77	231 56.11	N21 16.07	255 55.44	N18 20.21	246 34.93	11.62	N18 52.23	09.02	55.62
06	320 49.39	240 28.97	N24 25.06	241 52.80	N23 57.00	216 40.47	N23 01.73	246 58.25	N21 16.11	270 55.45	N18 20.83	261 05.55	11.54	N19 01.25	08.93	55.64
07	335 51.86	255 28.14	N24 25.35	256 53.44	N23 57.15	231 42.45	N23 01.69	262 00.38	N21 16.15	285 55.45	N18 21.45	275 36.10	11.46	N19 10.18	08.85	55.66
08	350 54.32	270 27.31	N24 25.65	271 54.09	N23 57.29	246 44.43	N23 01.65	277 02.52	N21 16.19	300 55.46	N18 22.06	290 06.56	11.39	N19 19.03	08.76	55.68
09	005 56.79	285 26.48	N24 25.94	286 54.74	N23 57.43	261 46.41	N23 01.61	292 04.65	N21 16.23	315 55.46	N18 22.68	304 36.94	11.31	N19 27.79	08.67	55.70
10	020 59.25	300 25.65	N24 26.23	301 55.39	N23 57.57	276 48.39	N23 01.57	307 06.79	N21 16.27	330 55.47	N18 23.30	319 07.25	11.23	N19 36.46	08.58	55.72
11	036 01.71	315 24.82	N24 26.52	316 56.03	N23 57.71	291 50.37	N23 01.53	322 08.92	N21 16.31	345 55.47	N18 23.91	333 37.48	11.15	N19 45.04	08.49	55.74
12	051 04.18	330 23.98	N24 26.81	331 56.68	N23 57.84	306 52.35	N23 01.49	337 11.06	N21 16.35	000 55.48	N18 24.53	348 07.62	11.07	N19 53.53	08.40	55.76
13	066 06.64	345 23.15	N24 27.10	346 57.33	N23 57.98	321 54.33	N23 01.45	352 13.19	N21 16.38	015 55.48	N18 25.14	002 37.69	10.99	N20 01.93	08.31	55.78
14	081 09.11	000 22.32	N24 27.38	001 57.98	N23 58.12	336 56.31	N23 01.41	007 15.33	N21 16.42	030 55.48	N18 25.76	017 07.68	10.91	N20 10.24	08.21	55.80
15	096 11.57	015 21.49	N24 27.67	016 58.63	N23 58.26	351 58.29	N23 01.37	022 17.46	N21 16.46	045 55.49	N18 26.37	031 37.59	10.83	N20 18.46	08.12	55.82
16	111 14.04	030 20.66	N24 27.95	031 59.27	N23 58.40	007 00.27	N23 01.32	037 19.60	N21 16.50	060 55.49	N18 26.99	046 07.42	10.75	N20 26.57	08.02	55.84
17	126 16.50	045 19.83	N24 28.24	046 59.92	N23 58.53	022 02.25	N23 01.28	052 21.73	N21 16.54	075 55.49	N18 27.60	060 37.17	10.67	N20 34.60	07.93	55.86
18	141 18.96	060 18.99	N24 28.52	062 00.57	N23 58.67	037 04.23	N23 01.24	067 23.87	N21 16.58	090 55.50	N18 28.21	075 06.85	10.59	N20 42.52	07.83	55.88
19	156 21.43	075 18.16	N24 28.80	077 01.22	N23 58.81	052 06.21	N23 01.20	082 26.00	N21 16.62	105 55.50	N18 28.82	089 36.44	10.51	N20 50.35	07.73	55.90
20	171 23.89	090 17.33	N24 29.08	092 01.86	N23 58.94	067 08.18	N23 01.16	097 28.14	N21 16.66	120 55.50	N18 29.43	104 05.95	10.44	N20 58.08	07.63	55.92
21	186 26.36	105 16.50	N24 29.36	107 02.51	N23 59.08	082 10.16	N23 01.12	112 30.27	N21 16.70	135 55.50	N18 30.05	118 35.39	10.36	N21 05.71	07.53	55.94
22	201 28.82	120 15.66	N24 29.64	122 03.16	N23 59.22	097 12.14	N23 01.08	127 32.41	N21 16.74	150 55.51	N18 30.66	133 04.75	10.28	N21 13.23	07.42	55.96
23	216 31.28	135 14.83	N24 29.91	137 03.81	N23 59.35	112 14.12	N23 01.04	142 34.54	N21 16.78	165 55.51	N18 31.27	147 34.03	10.20	N21 20.66	07.32	55.98
14 00	231 33.75	150 14.00	N24 30.19	152 04.45	N23 59.49	127 16.10	N23 01.00	157 36.68	N21 16.82	180 55.51	N18 31.87	162 03.23	10.12	N21 27.98	07.22	56.00
01	246 36.21	165 13.16	N24 30.46	167 05.10	N23 59.62	142 18.07	N23 00.95	172 38.81	N21 16.85	195 55.51	N18 32.48	176 32.35	10.05	N21 35.19	07.11	56.02
02	261 38.68	180 12.33	N24 30.73	182 05.75	N23 59.75	157 20.05	N23 00.91	187 40.94	N21 16.89	210 55.51	N18 33.09	191 01.40	09.97	N21 42.30	07.00	56.04
03	276 41.14	195 11.50	N24 31.00	197 06.40	N23 59.89	172 22.03	N23 00.87	202 43.08	N21 16.93	225 55.51	N18 33.70	205 30.36	09.89	N21 49.30	06.89	56.06
04	291 43.61	210 10.66	N24 31.27	212 07.05	N24 00.02	187 24.01	N23 00.83	217 45.21	N21 16.97	240 55.51	N18 34.31	219 59.25	09.81	N21 56.20	06.79	56.08
05	306 46.07	225 09.83	N24 31.54	227 07.69	N24 00.15	202 25.98	N23 00.79	232 47.35	N21 17.01	255 55.51	N18 34.91	234 28.07	09.74	N22 02.98	06.68	56.10
06	321 48.53	240 08.99	N24 31.81	242 08.34	N24 00.29	217 27.96	N23 00.75	247 49.48	N21 17.05	270 55.51	N18 35.52	248 56.81	09.66	N22 09.66	06.56	56.12
07	336 51.00	255 08.16	N24 32.08	257 08.99	N24 00.42	232 29.94	N23 00.71	262 51.62	N21 17.09	285 55.51	N18 36.12	263 25.47	09.59	N22 16.22	06.45	56.14
08	351 53.46	270 07.33	N24 32.34	272 09.64	N24 00.55	247 31.91	N23 00.66	277 53.75	N21 17.13	300 55.51	N18 36.73	277 54.06	09.51	N22 22.68	06.34	56.16
09	006 55.93	285 06.49	N24 32.61	287 10.28	N24 00.68	262 33.89	N23 00.62	292 55.88	N21 17.17	315 55.51	N18 37.33	292 22.57	09.44	N22 29.01	06.22	56.18
10	021 58.39	300 05.66	N24 32.87	302 10.93	N24 00.81	277 35.87	N23 00.58	307 58.02	N21 17.21	330 55.51	N18 37.94	306 51.01	09.36	N22 35.24	06.11	56.20
11	037 00.85	315 04.82	N24 33.13	317 11.58	N24 00.95	292 37.84	N23 00.54	323 00.15	N21 17.24	345 55.51	N18 38.54	321 19.37	09.29	N22 41.35	05.99	56.22
12	052 03.32	330 03.99	N24 33.39	332 12.23	N24 01.08	307 39.82	N23 00.50	338 02.28	N21 17.28	000 55.50	N18 39.14	335 47.66	09.22	N22 47.34	05.88	56.24
13	067 05.78	345 03.15	N24 33.65	347 12.87	N24 01.21	322 41.79	N23 00.46	353 04.42	N21 17.32	015 55.50	N18 39.74	350 15.88	09.15	N22 53.21	05.76	56.26
14	082 08.25	000 02.32	N24 33.91	002 13.52	N24 01.34	337 43.77	N23 00.41	008 06.55	N21 17.36	030 55.50	N18 40.35	004 44.03	09.07	N22 58.97	05.64	56.29
15	097 10.71	015 01.48	N24 34.16	017 14.17	N24 01.47	352 45.75	N23 00.37	023 08.69	N21 17.40	045 55.50	N18 40.95	019 12.10	09.00	N23 04.61	05.52	56.31
16	112 13.18	030 00.65	N24 34.42	032 14.82	N24 01.59	007 47.72	N23 00.33	038 10.82	N21 17.44	060 55.50	N18 41.55	033 40.11	08.93	N23 10.13	05.40	56.33
17	127 15.64	044 59.81	N24 34.67	047 15.46	N24 01.72	022 49.70	N23 00.29	053 12.95	N21 17.48	075 55.49	N18 42.15	048 08.04	08.86	N23 15.52	05.27	56.35
18	142 18.10	059 58.98	N24 34.93	062 16.11	N24 01.85	037 51.67	N23 00.25	068 15.09	N21 17.52	090 55.49	N18 42.75	062 35.91	08.80	N23 20.79	05.15	56.37
19	157 20.57	074 58.14	N24 35.18	077 16.76	N24 01.98	052 53.65	N23 00.21	083 17.22	N21 17.56	105 55.49	N18 43.35	077 03.70	08.73	N23 25.94	05.03	56.39
20	172 23.03	089 57.30	N24 35.43	092 17.41	N24 02.11	067 55.62	N23 00.16	098 19.35	N21 17.60	120 55.48	N18 43.94	091 31.43	08.66	N23 30.97	04.90	56.41
21	187 25.50	104 56.47	N24 35.68	107 18.06	N24 02.24	082 57.60	N23 00.12	113 21.49	N21 17.63	135 55.48	N18 44.54	105 59.09	08.59	N23 35.87	04.77	56.43
22	202 27.96	119 55.63	N24 35.93	122 18.70	N24 02.36	097 59.57	N23 00.08	128 23.62	N21 17.67	150 55.47	N18 45.14	120 26.69	08.53	N23 40.65	04.65	56.45
23	217 30.43	134 54.80	N24 36.17	137 19.35	N24 02.49	113 01.54	N23 00.04	143 25.75	N21 17.71	165 55.47	N18 45.74	134 54.21	08.46	N23 45.29	04.52	56.47
		v -0.83	d 0.27	v 0.65	d 0.13	v 1.98	d 0.04	v 2.13	d 0.04	v 0.00	d 0.61	SD	15.19	15.32		
		HP 0.10		HP 0.06						SD 15.83	HP 0.15					

Wednesday May 15, 2002 through Thursday May 16, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
15 00	232 32.89	149 53.96	N24 36.42	152 20.00	N24 02.62	128 03.52	N22 60.00	158 27.89	N21 17.75	180 55.47	N18 46.33	149 21.68	08.40	N23 49.81	04.39	56.49
01	247 35.35	164 53.12	N24 36.66	167 20.65	N24 02.74	143 05.49	N22 59.95	173 30.02	N21 17.79	195 55.46	N18 46.93	163 49.08	08.34	N23 54.20	04.26	56.52
02	262 37.82	179 52.29	N24 36.91	182 21.29	N24 02.87	158 07.47	N22 59.91	188 32.15	N21 17.83	210 55.46	N18 47.52	178 16.42	08.28	N23 58.47	04.13	56.54
03	277 40.28	194 51.45	N24 37.15	197 21.94	N24 02.99	173 09.44	N22 59.87	203 34.29	N21 17.87	225 55.45	N18 48.12	192 43.69	08.21	N24 02.60	04.00	56.56
04	292 42.75	209 50.61	N24 37.39	212 22.59	N24 03.12	188 11.41	N22 59.83	218 36.42	N21 17.91	240 55.44	N18 48.71	207 10.91	08.15	N24 06.60	03.87	56.58
05	307 45.21	224 49.78	N24 37.63	227 23.24	N24 03.24	203 13.39	N22 59.78	233 38.55	N21 17.94	255 55.44	N18 49.30	221 38.06	08.10	N24 10.46	03.73	56.60
06	322 47.67	239 48.94	N24 37.87	242 23.88	N24 03.37	218 15.36	N22 59.74	248 40.68	N21 17.98	270 55.43	N18 49.90	236 05.16	08.04	N24 14.20	03.60	56.62
07	337 50.14	254 48.10	N24 38.10	257 24.53	N24 03.49	233 17.33	N22 59.70	263 42.82	N21 18.02	285 55.43	N18 50.49	250 32.19	07.98	N24 17.80	03.47	56.64
08	352 52.60	269 47.26	N24 38.34	272 25.18	N24 03.61	248 19.31	N22 59.66	278 44.95	N21 18.06	300 55.42	N18 51.08	264 59.17	07.92	N24 21.27	03.33	56.66
09	007 55.07	284 46.43	N24 38.58	287 25.83	N24 03.74	263 21.28	N22 59.61	293 47.08	N21 18.10	315 55.41	N18 51.67	279 26.10	07.87	N24 24.60	03.19	56.68
10	022 57.53	299 45.59	N24 38.81	302 26.47	N24 03.86	278 23.25	N22 59.57	308 49.22	N21 18.14	330 55.41	N18 52.26	293 52.97	07.82	N24 27.79	03.06	56.71
11	037 60.00	314 44.75	N24 39.04	317 27.12	N24 03.98	293 25.22	N22 59.53	323 51.35	N21 18.18	345 55.40	N18 52.85	308 19.79	07.76	N24 30.85	02.92	56.73
12	053 02.46	329 43.91	N24 39.27	332 27.77	N24 04.10	308 27.20	N22 59.49	338 53.48	N21 18.22	000 55.39	N18 53.44	322 46.55	07.71	N24 33.77	02.78	56.75
13	068 04.92	344 43.08	N24 39.50	347 28.42	N24 04.22	323 29.17	N22 59.44	353 55.61	N21 18.26	015 55.38	N18 54.03	337 13.26	07.66	N24 36.55	02.64	56.77
14	083 07.39	359 42.24	N24 39.73	002 29.06	N24 04.35	338 31.14	N22 59.40	008 57.75	N21 18.29	030 55.38	N18 54.62	351 39.93	07.61	N24 39.19	02.50	56.79
15	098 09.85	014 41.40	N24 39.96	017 29.71	N24 04.47	353 33.11	N22 59.36	023 59.88	N21 18.33	045 55.37	N18 55.21	006 06.54	07.57	N24 41.70	02.36	56.81
16	113 12.32	029 40.56	N24 40.18	032 30.36	N24 04.59	008 35.09	N22 59.32	039 02.01	N21 18.37	060 55.36	N18 55.79	020 33.11	07.52	N24 44.06	02.22	56.83
17	128 14.78	044 39.72	N24 40.41	047 31.01	N24 04.71	023 37.06	N22 59.27	054 04.14	N21 18.41	075 55.35	N18 56.38	034 59.63	07.47	N24 46.28	02.08	56.86
18	143 17.24	059 38.89	N24 40.63	062 31.65	N24 04.83	038 39.03	N22 59.23	069 06.28	N21 18.45	090 55.34	N18 56.97	049 26.10	07.43	N24 48.36	01.94	56.88
19	158 19.71	074 38.05	N24 40.86	077 32.30	N24 04.95	053 41.00	N22 59.19	084 08.41	N21 18.49	105 55.33	N18 57.55	063 52.53	07.39	N24 50.30	01.80	56.90
20	173 22.17	089 37.21	N24 41.08	092 32.95	N24 05.07	068 42.97	N22 59.14	099 10.54	N21 18.53	120 55.32	N18 58.14	078 18.92	07.35	N24 52.10	01.65	56.92
21	188 24.64	104 36.37	N24 41.30	107 33.60	N24 05.19	083 44.94	N22 59.10	114 12.67	N21 18.56	135 55.31	N18 58.72	092 45.27	07.31	N24 53.75	01.51	56.94
22	203 27.10	119 35.53	N24 41.52	122 34.25	N24 05.30	098 46.91	N22 59.06	129 14.80	N21 18.60	150 55.30	N18 59.31	107 11.58	07.27	N24 55.26	01.36	56.96
23	218 29.57	134 34.69	N24 41.73	137 34.89	N24 05.42	113 48.88	N22 59.02	144 16.94	N21 18.64	165 55.29	N18 59.89	121 37.85	07.23	N24 56.62	01.22	56.98
16 00	233 32.03	149 33.85	N24 41.95	152 35.54	N24 05.54	128 50.85	N22 58.97	159 19.07	N21 18.68	180 55.28	N19 00.47	136 04.08	07.20	N24 57.84	01.07	57.01
01	248 34.49	164 33.02	N24 42.16	167 36.19	N24 05.66	143 52.82	N22 58.93	174 21.20	N21 18.72	195 55.27	N19 01.05	150 30.27	07.16	N24 58.91	00.93	57.03
02	263 36.96	179 32.18	N24 42.38	182 36.84	N24 05.77	158 54.79	N22 58.89	189 23.33	N21 18.76	210 55.26	N19 01.64	164 56.43	07.13	N24 59.84	00.78	57.05
03	278 39.42	194 31.34	N24 42.59	197 37.48	N24 05.89	173 56.77	N22 58.84	204 25.46	N21 18.80	225 55.25	N19 02.22	179 22.56	07.10	N25 00.62	00.64	57.07
04	293 41.89	209 30.50	N24 42.80	212 38.13	N24 06.01	188 58.74	N22 58.80	219 27.59	N21 18.84	240 55.24	N19 02.80	193 48.66	07.07	N25 01.26	00.49	57.09
05	308 44.35	224 29.66	N24 43.01	227 38.78	N24 06.12	204 00.70	N22 58.76	234 29.73	N21 18.87	255 55.23	N19 03.38	208 14.73	07.04	N25 01.75	00.34	57.11
06	323 46.82	239 28.82	N24 43.22	242 39.43	N24 06.24	219 02.67	N22 58.71	249 31.86	N21 18.91	270 55.21	N19 03.96	222 40.76	07.01	N25 02.09	00.19	57.14
07	338 49.28	254 27.98	N24 43.43	257 40.07	N24 06.35	234 04.64	N22 58.67	264 33.99	N21 18.95	285 55.20	N19 04.53	237 06.77	06.98	N25 02.28	00.04	57.16
08	353 51.74	269 27.14	N24 43.64	272 40.72	N24 06.47	249 06.61	N22 58.63	279 36.12	N21 18.99	300 55.19	N19 05.11	251 32.76	06.96	N25 02.33	00.10	57.18
09	008 54.21	284 26.30	N24 43.84	287 41.37	N24 06.58	264 08.58	N22 58.58	294 38.25	N21 19.03	315 55.18	N19 05.69	265 58.72	06.94	N25 02.22	00.25	57.20
10	023 56.67	299 25.46	N24 44.05	302 42.02	N24 06.70	279 10.55	N22 58.54	309 40.38	N21 19.07	330 55.17	N19 06.27	280 24.65	06.91	N25 01.97	00.40	57.22
11	038 59.14	314 24.62	N24 44.25	317 42.66	N24 06.81	294 12.52	N22 58.50	324 42.52	N21 19.11	345 55.15	N19 06.84	294 50.57	06.89	N25 01.57	00.55	57.24
12	054 01.60	329 23.78	N24 44.45	332 43.31	N24 06.93	309 14.49	N22 58.45	339 44.65	N21 19.14	000 55.14	N19 07.42	309 16.46	06.88	N25 01.02	00.70	57.27
13	069 04.06	344 22.94	N24 44.65	347 43.96	N24 07.04	324 16.46	N22 58.41	354 46.78	N21 19.18	015 55.13	N19 08.00	323 42.34	06.86	N25 00.32	00.85	57.29
14	084 06.53	359 22.10	N24 44.85	002 44.61	N24 07.15	339 18.43	N22 58.37	009 48.91	N21 19.22	030 55.11	N19 08.57	338 08.20	06.84	N24 59.47	01.00	57.31
15	099 08.99	014 21.26	N24 45.05	017 45.26	N24 07.26	354 20.40	N22 58.32	024 51.04	N21 19.26	045 55.10	N19 09.14	352 34.04	06.83	N24 58.47	01.15	57.33
16	114 11.46	029 20.42	N24 45.24	032 45.90	N24 07.38	009 22.36	N22 58.28	039 53.17	N21 19.30	060 55.08	N19 09.72	006 59.87	06.82	N24 57.32	01.30	57.35
17	129 13.92	044 19.58	N24 45.44	047 46.55	N24 07.49	024 24.33	N22 58.23	054 55.30	N21 19.34	075 55.07	N19 10.29	021 25.68	06.80	N24 56.02	01.45	57.37
18	144 16.39	059 18.74	N24 45.63	062 47.20	N24 07.60	039 26.30	N22 58.19	069 57.43	N21 19.37	090 55.05	N19 10.86	035 51.48	06.79	N24 54.57	01.60	57.40
19	159 18.85	074 17.90	N24 45.83	077 47.85	N24 07.71	054 28.27	N22 58.15	084 59.57	N21 19.41	105 55.04	N19 11.44	050 17.28	06.79	N24 52.97	01.75	57.42
20	174 21.31	089 17.06	N24 46.02	092 48.49	N24 07.82	069 30.24	N22 58.10	100 01.70	N21 19.45	120 55.02	N19 12.01	064 43.06	06.78	N24 51.22	01.90	57.44
21	189 23.78	104 16.22	N24 46.21	107 49.14	N24 07.93	084 32.20	N22 58.06	115 03.83	N21 19.49	135 55.01	N19 12.58	079 08.84	06.77	N24 49.32	02.05	57.46
22	204 26.24	119 15.38	N24 46.40	122 49.79	N24 08.04	099 34.17	N22 58.02	130 05.96	N21 19.53	150 54.99	N19 13.15	093 34.61	06.77	N24 47.27	02.20	57.48
23	219 28.71	134 14.54	N24 46.59	137 50.44	N24 08.15	114 36.14	N22 57.97	145 08.09	N21 19.57	165 54.98	N19 13.72	108 00.38	06.77	N24 45.06	02.35	57.51
		v -0.84	d 0.22	v 0.65	d 0.12	v 1.97	d 0.04	v 2.13	d 0.04	v -0.01	d 0.58	SD	15.46	15.60		
		HP 0.11		HP 0.06						SD 15.82	HP 0.14					

Friday May 17, 2002 through Saturday May 18, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
17 00	234 31.17	149 13.70	N24 46.77	152 51.09	N24 08.26	129 38.10	N22 57.93	160 10.22	N21 19.61	180 54.96	N19 14.29	122 26.15	06.76	N24 42.71	02.50	57.53
01	249 33.64	164 12.86	N24 46.96	167 51.73	N24 08.37	144 40.07	N22 57.88	175 12.35	N21 19.64	195 54.95	N19 14.86	136 51.91	06.76	N24 40.21	02.65	57.55
02	264 36.10	179 12.02	N24 47.14	182 52.38	N24 08.48	159 42.04	N22 57.84	190 14.48	N21 19.68	210 54.93	N19 15.42	151 17.68	06.77	N24 37.56	02.80	57.57
03	279 38.56	194 11.17	N24 47.33	197 53.03	N24 08.59	174 44.01	N22 57.80	205 16.61	N21 19.72	225 54.91	N19 15.99	165 43.44	06.77	N24 34.75	02.95	57.59
04	294 41.03	209 10.33	N24 47.51	212 53.68	N24 08.69	189 45.97	N22 57.75	220 18.74	N21 19.76	240 54.89	N19 16.56	180 09.21	06.77	N24 31.80	03.10	57.61
05	309 43.49	224 09.49	N24 47.69	227 54.32	N24 08.80	204 47.94	N22 57.71	235 20.87	N21 19.80	255 54.88	N19 17.13	194 34.98	06.78	N24 28.70	03.25	57.64
06	324 45.96	239 08.65	N24 47.87	242 54.97	N24 08.91	219 49.90	N22 57.66	250 23.00	N21 19.84	270 54.86	N19 17.69	209 00.76	06.79	N24 25.44	03.40	57.66
07	339 48.42	254 07.81	N24 48.05	257 55.62	N24 09.01	234 51.87	N22 57.62	265 25.13	N21 19.87	285 54.84	N19 18.26	223 26.55	06.79	N24 22.04	03.55	57.68
08	354 50.88	269 06.97	N24 48.23	272 56.27	N24 09.12	249 53.84	N22 57.57	280 27.26	N21 19.91	300 54.82	N19 18.82	237 52.34	06.80	N24 18.49	03.70	57.70
09	009 53.35	284 06.13	N24 48.40	287 56.92	N24 09.23	264 55.80	N22 57.53	295 29.39	N21 19.95	315 54.81	N19 19.39	252 18.14	06.81	N24 14.79	03.85	57.72
10	024 55.81	299 05.29	N24 48.58	302 57.56	N24 09.33	279 57.77	N22 57.49	310 31.52	N21 19.99	330 54.79	N19 19.95	266 43.96	06.83	N24 10.94	04.00	57.75
11	039 58.28	314 04.44	N24 48.75	317 58.21	N24 09.44	294 59.73	N22 57.44	325 33.65	N21 20.03	345 54.77	N19 20.51	281 09.78	06.84	N24 06.94	04.15	57.77
12	055 00.74	329 03.60	N24 48.92	332 58.86	N24 09.54	310 01.70	N22 57.40	340 35.78	N21 20.07	000 54.75	N19 21.07	295 35.62	06.85	N24 02.79	04.29	57.79
13	070 03.21	344 02.76	N24 49.09	347 59.51	N24 09.65	325 03.66	N22 57.35	355 37.91	N21 20.10	015 54.73	N19 21.64	310 01.48	06.87	N23 58.50	04.44	57.81
14	085 05.67	359 01.92	N24 49.26	003 00.15	N24 09.75	340 05.63	N22 57.31	010 40.04	N21 20.14	030 54.71	N19 22.20	324 27.35	06.89	N23 54.06	04.59	57.83
15	100 08.13	014 01.08	N24 49.43	018 00.80	N24 09.86	355 07.59	N22 57.26	025 42.17	N21 20.18	045 54.69	N19 22.76	338 53.24	06.91	N23 49.47	04.74	57.86
16	115 10.60	029 00.24	N24 49.60	033 01.45	N24 09.96	010 09.56	N22 57.22	040 44.30	N21 20.22	060 54.67	N19 23.32	353 19.14	06.93	N23 44.73	04.88	57.88
17	130 13.06	043 59.40	N24 49.76	048 02.10	N24 10.06	025 11.52	N22 57.17	055 46.43	N21 20.26	075 54.65	N19 23.88	007 45.07	06.95	N23 39.85	05.03	57.90
18	145 15.53	058 58.55	N24 49.93	063 02.75	N24 10.17	040 13.49	N22 57.13	070 48.56	N21 20.30	090 54.63	N19 24.44	022 11.01	06.97	N23 34.82	05.17	57.92
19	160 17.99	073 57.71	N24 50.09	078 03.39	N24 10.27	055 15.45	N22 57.08	085 50.69	N21 20.33	105 54.61	N19 24.99	036 36.98	06.99	N23 29.65	05.32	57.94
20	175 20.45	088 56.87	N24 50.25	093 04.04	N24 10.37	070 17.42	N22 57.04	100 52.82	N21 20.37	120 54.59	N19 25.55	051 02.97	07.02	N23 24.33	05.46	57.96
21	190 22.92	103 56.03	N24 50.42	108 04.69	N24 10.47	085 19.38	N22 56.99	115 54.95	N21 20.41	135 54.57	N19 26.11	065 28.99	07.04	N23 18.86	05.61	57.99
22	205 25.38	118 55.19	N24 50.58	123 05.34	N24 10.57	100 21.34	N22 56.95	130 57.08	N21 20.45	150 54.55	N19 26.67	079 55.03	07.07	N23 13.25	05.75	58.01
23	220 27.85	133 54.35	N24 50.73	138 05.99	N24 10.67	115 23.31	N22 56.90	145 59.21	N21 20.49	165 54.53	N19 27.22	094 21.10	07.09	N23 07.50	05.90	58.03
18 00	235 30.31	148 53.50	N24 50.89	153 06.63	N24 10.78	130 25.27	N22 56.86	161 01.34	N21 20.52	180 54.50	N19 27.78	108 47.19	07.12	N23 01.61	06.04	58.05
01	250 32.78	163 52.66	N24 51.05	168 07.28	N24 10.88	145 27.24	N22 56.81	176 03.47	N21 20.56	195 54.48	N19 28.33	123 13.31	07.15	N22 55.57	06.18	58.07
02	265 35.24	178 51.82	N24 51.20	183 07.93	N24 10.98	160 29.20	N22 56.77	191 05.60	N21 20.60	210 54.46	N19 28.89	137 39.47	07.18	N22 49.39	06.32	58.10
03	280 37.70	193 50.98	N24 51.36	198 08.58	N24 11.08	175 31.16	N22 56.72	206 07.73	N21 20.64	225 54.44	N19 29.44	152 05.65	07.21	N22 43.07	06.46	58.12
04	295 40.17	208 50.14	N24 51.51	213 09.23	N24 11.17	190 33.13	N22 56.68	221 09.86	N21 20.68	240 54.41	N19 29.99	166 31.86	07.25	N22 36.61	06.60	58.14
05	310 42.63	223 49.29	N24 51.66	228 09.87	N24 11.27	205 35.09	N22 56.63	236 11.99	N21 20.72	255 54.39	N19 30.55	180 58.11	07.28	N22 30.00	06.74	58.16
06	325 45.10	238 48.45	N24 51.81	243 10.52	N24 11.37	220 37.05	N22 56.59	251 14.12	N21 20.75	270 54.37	N19 31.10	195 24.38	07.31	N22 23.26	06.88	58.18
07	340 47.56	253 47.61	N24 51.96	258 11.17	N24 11.47	235 39.01	N22 56.54	266 16.25	N21 20.79	285 54.35	N19 31.65	209 50.70	07.35	N22 16.38	07.02	58.20
08	355 50.02	268 46.77	N24 52.11	273 11.82	N24 11.57	250 40.98	N22 56.50	281 18.38	N21 20.83	300 54.32	N19 32.20	224 17.04	07.38	N22 09.37	07.16	58.23
09	010 52.49	283 45.92	N24 52.25	288 12.47	N24 11.67	265 42.94	N22 56.45	296 20.51	N21 20.87	315 54.30	N19 32.75	238 43.42	07.42	N22 02.21	07.29	58.25
10	025 54.95	298 45.08	N24 52.40	303 13.12	N24 11.76	280 44.90	N22 56.41	311 22.64	N21 20.91	330 54.27	N19 33.30	253 09.84	07.45	N21 54.92	07.43	58.27
11	040 57.42	313 44.24	N24 52.54	318 13.76	N24 11.86	295 46.86	N22 56.36	326 24.77	N21 20.94	345 54.25	N19 33.85	267 36.30	07.49	N21 47.49	07.56	58.29
12	055 59.88	328 43.40	N24 52.68	333 14.41	N24 11.96	310 48.83	N22 56.32	341 26.89	N21 20.98	000 54.23	N19 34.40	282 02.79	07.53	N21 39.93	07.70	58.31
13	071 02.35	343 42.56	N24 52.83	348 15.06	N24 12.05	325 50.79	N22 56.27	356 29.02	N21 21.02	015 54.20	N19 34.95	296 29.32	07.57	N21 32.23	07.83	58.33
14	086 04.81	358 41.71	N24 52.97	003 15.71	N24 12.15	340 52.75	N22 56.23	011 31.15	N21 21.06	030 54.18	N19 35.49	310 55.89	07.61	N21 24.40	07.96	58.36
15	101 07.27	013 40.87	N24 53.10	018 16.36	N24 12.24	355 54.71	N22 56.18	026 33.28	N21 21.10	045 54.15	N19 36.04	325 22.50	07.65	N21 16.44	08.09	58.38
16	116 09.74	028 40.03	N24 53.24	033 17.00	N24 12.34	010 56.67	N22 56.14	041 35.41	N21 21.13	060 54.12	N19 36.59	339 49.15	07.69	N21 08.34	08.23	58.40
17	131 12.20	043 39.19	N24 53.38	048 17.65	N24 12.43	025 58.63	N22 56.09	056 37.54	N21 21.17	075 54.10	N19 37.13	354 15.84	07.73	N21 00.12	08.36	58.42
18	146 14.67	058 38.34	N24 53.51	063 18.30	N24 12.53	041 00.59	N22 56.04	071 39.67	N21 21.21	090 54.07	N19 37.68	008 42.57	07.77	N20 51.76	08.49	58.44
19	161 17.13	073 37.50	N24 53.65	078 18.95	N24 12.62	056 02.56	N22 56.00	086 41.80	N21 21.25	105 54.05	N19 38.22	023 09.34	07.81	N20 43.28	08.61	58.46
20	176 19.59	088 36.66	N24 53.78	093 19.60	N24 12.72	071 04.52	N22 55.95	101 43.93	N21 21.29	120 54.02	N19 38.77	037 36.16	07.86	N20 34.66	08.74	58.48
21	191 22.06	103 35.82	N24 53.91	108 20.25	N24 12.81	086 06.48	N22 55.91	116 46.05	N21 21.32	135 53.99	N19 39.31	052 03.01	07.90	N20 25.92	08.87	58.51
22	206 24.52	118 34.97	N24 54.04	123 20.89	N24 12.90	101 08.44	N22 55.86	131 48.18	N21 21.36	150 53.97	N19 39.85	066 29.91	07.94	N20 17.05	08.99	58.53
23	221 26.99	133 34.13	N24 54.17	138 21.54	N24 12.99	116 10.40	N22 55.81	146 50.31	N21 21.40	165 53.94	N19 40.39	080 56.86	07.99	N20 08.06	09.12	58.55
		v -0.84	d 0.16	v 0.65	d 0.10	v 1.96	d 0.04	v 2.13	d 0.04	v -0.02	d 0.55	SD	15.74	15.89		
		HP 0.11		HP 0.06						SD 15.81	HP 0.14					

Sunday May 19, 2002 through Monday May 20, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
19 00	236 29.45	148 33.29	N24 54.30	153 22.19	N24 13.09	131 12.36	N22 55.77	161 52.44	N21 21.44	180 53.91	N19 40.94	095 23.85	08.03	N19 58.94	09.24	58.57
01	251 31.92	163 32.45	N24 54.42	168 22.84	N24 13.18	146 14.32	N22 55.72	176 54.57	N21 21.48	195 53.89	N19 41.48	109 50.88	08.08	N19 49.70	09.37	58.59
02	266 34.38	178 31.60	N24 54.55	183 23.49	N24 13.27	161 16.28	N22 55.68	191 56.70	N21 21.51	210 53.86	N19 42.02	124 17.95	08.12	N19 40.33	09.49	58.61
03	281 36.84	193 30.76	N24 54.67	198 24.14	N24 13.36	176 18.24	N22 55.63	206 58.82	N21 21.55	225 53.83	N19 42.56	138 45.07	08.17	N19 30.85	09.61	58.63
04	296 39.31	208 29.92	N24 54.80	213 24.78	N24 13.45	191 20.20	N22 55.59	222 00.95	N21 21.59	240 53.80	N19 43.10	153 12.24	08.21	N19 21.24	09.73	58.65
05	311 41.77	223 29.08	N24 54.92	228 25.43	N24 13.54	206 22.16	N22 55.54	237 03.08	N21 21.63	255 53.77	N19 43.63	167 39.45	08.26	N19 11.51	09.85	58.67
06	326 44.24	238 28.24	N24 55.04	243 26.08	N24 13.63	221 24.12	N22 55.49	252 05.21	N21 21.67	270 53.74	N19 44.17	182 06.71	08.30	N19 01.67	09.96	58.70
07	341 46.70	253 27.39	N24 55.16	258 26.73	N24 13.72	236 26.08	N22 55.45	267 07.34	N21 21.70	285 53.72	N19 44.71	196 34.01	08.35	N18 51.70	10.08	58.72
08	356 49.16	268 26.55	N24 55.28	273 27.38	N24 13.81	251 28.04	N22 55.40	282 09.47	N21 21.74	300 53.69	N19 45.25	211 01.36	08.39	N18 41.62	10.20	58.74
09	011 51.63	283 25.71	N24 55.39	288 28.03	N24 13.90	266 30.00	N22 55.35	297 11.59	N21 21.78	315 53.66	N19 45.78	225 28.75	08.44	N18 31.42	10.31	58.76
10	026 54.09	298 24.87	N24 55.51	303 28.68	N24 13.99	281 31.96	N22 55.31	312 13.72	N21 21.82	330 53.63	N19 46.32	239 56.19	08.49	N18 21.11	10.43	58.78
11	041 56.56	313 24.02	N24 55.62	318 29.32	N24 14.08	296 33.91	N22 55.26	327 15.85	N21 21.85	345 53.60	N19 46.85	254 23.68	08.53	N18 10.69	10.54	58.80
12	056 59.02	328 23.18	N24 55.73	333 29.97	N24 14.16	311 35.87	N22 55.22	342 17.98	N21 21.89	000 53.57	N19 47.39	268 51.21	08.58	N18 00.15	10.65	58.82
13	072 01.48	343 22.34	N24 55.85	348 30.62	N24 14.25	326 37.83	N22 55.17	357 20.11	N21 21.93	015 53.54	N19 47.92	283 18.78	08.62	N17 49.50	10.76	58.84
14	087 03.95	358 21.50	N24 55.96	003 31.27	N24 14.34	341 39.79	N22 55.12	012 22.23	N21 21.97	030 53.51	N19 48.46	297 46.41	08.67	N17 38.74	10.87	58.86
15	102 06.41	013 20.65	N24 56.07	018 31.92	N24 14.43	356 41.75	N22 55.08	027 24.36	N21 22.01	045 53.48	N19 48.99	312 14.07	08.71	N17 27.87	10.98	58.88
16	117 08.88	028 19.81	N24 56.17	033 32.57	N24 14.51	011 43.71	N22 55.03	042 26.49	N21 22.04	060 53.44	N19 49.52	326 41.79	08.76	N17 16.89	11.08	58.90
17	132 11.34	043 18.97	N24 56.28	048 33.22	N24 14.60	026 45.66	N22 54.98	057 28.62	N21 22.08	075 53.41	N19 50.05	341 09.55	08.81	N17 05.81	11.19	58.92
18	147 13.81	058 18.13	N24 56.39	063 33.86	N24 14.68	041 47.62	N22 54.94	072 30.75	N21 22.12	090 53.38	N19 50.58	355 37.35	08.85	N16 54.62	11.29	58.94
19	162 16.27	073 17.28	N24 56.49	078 34.51	N24 14.77	056 49.58	N22 54.89	087 32.87	N21 22.16	105 53.35	N19 51.11	010 05.21	08.90	N16 43.32	11.40	58.96
20	177 18.73	088 16.44	N24 56.59	093 35.16	N24 14.85	071 51.54	N22 54.84	102 35.00	N21 22.19	120 53.32	N19 51.64	024 33.10	08.94	N16 31.93	11.50	58.98
21	192 21.20	103 15.60	N24 56.69	108 35.81	N24 14.94	086 53.50	N22 54.80	117 37.13	N21 22.23	135 53.29	N19 52.17	039 01.04	08.99	N16 20.43	11.60	59.00
22	207 23.66	118 14.76	N24 56.79	123 36.46	N24 15.02	101 55.45	N22 54.75	132 39.26	N21 22.27	150 53.25	N19 52.70	053 29.03	09.03	N16 08.82	11.70	59.02
23	222 26.13	133 13.92	N24 56.89	138 37.11	N24 15.11	116 57.41	N22 54.70	147 41.38	N21 22.31	165 53.22	N19 53.23	067 57.06	09.07	N15 57.12	11.80	59.04
20 00	237 28.59	148 13.07	N24 56.99	153 37.76	N24 15.19	131 59.37	N22 54.66	162 43.51	N21 22.34	180 53.19	N19 53.76	082 25.13	09.12	N15 45.32	11.90	59.06
01	252 31.05	163 12.23	N24 57.09	168 38.41	N24 15.27	147 01.32	N22 54.61	177 45.64	N21 22.38	195 53.16	N19 54.28	096 53.25	09.16	N15 33.42	12.00	59.08
02	267 33.52	178 11.39	N24 57.18	183 39.05	N24 15.36	162 03.28	N22 54.56	192 47.77	N21 22.42	210 53.12	N19 54.81	111 21.41	09.20	N15 21.43	12.09	59.10
03	282 35.98	193 10.55	N24 57.28	198 39.70	N24 15.44	177 05.24	N22 54.51	207 49.89	N21 22.46	225 53.09	N19 55.33	125 49.62	09.25	N15 09.34	12.18	59.12
04	297 38.45	208 09.70	N24 57.37	213 40.35	N24 15.52	192 07.19	N22 54.47	222 52.02	N21 22.49	240 53.06	N19 55.86	140 17.86	09.29	N14 57.15	12.28	59.14
05	312 40.91	223 08.86	N24 57.46	228 41.00	N24 15.60	207 09.15	N22 54.42	237 54.15	N21 22.53	255 53.02	N19 56.38	154 46.15	09.33	N14 44.87	12.37	59.16
06	327 43.37	238 08.02	N24 57.55	243 41.65	N24 15.69	222 11.11	N22 54.37	252 56.27	N21 22.57	270 52.99	N19 56.91	169 14.49	09.37	N14 32.50	12.46	59.18
07	342 45.84	253 07.18	N24 57.64	258 42.30	N24 15.77	237 13.06	N22 54.33	267 58.40	N21 22.61	285 52.95	N19 57.43	183 42.86	09.41	N14 20.04	12.55	59.19
08	357 48.30	268 06.34	N24 57.73	273 42.95	N24 15.85	252 15.02	N22 54.28	283 00.53	N21 22.65	300 52.92	N19 57.95	198 11.27	09.46	N14 07.49	12.64	59.21
09	012 50.77	283 05.49	N24 57.82	288 43.60	N24 15.93	267 16.98	N22 54.23	298 02.66	N21 22.68	315 52.88	N19 58.48	212 39.73	09.50	N13 54.86	12.72	59.23
10	027 53.23	298 04.65	N24 57.90	303 44.25	N24 16.01	282 18.93	N22 54.18	313 04.78	N21 22.72	330 52.85	N19 59.00	227 08.22	09.54	N13 42.13	12.81	59.25
11	042 55.70	313 03.81	N24 57.99	318 44.90	N24 16.09	297 20.89	N22 54.14	328 06.91	N21 22.76	345 52.81	N19 59.52	241 36.76	09.57	N13 29.33	12.89	59.27
12	057 58.16	328 02.97	N24 58.07	333 45.54	N24 16.17	312 22.84	N22 54.09	343 09.04	N21 22.80	000 52.78	N20 00.04	256 05.33	09.61	N13 16.43	12.98	59.29
13	073 00.62	343 02.13	N24 58.15	348 46.19	N24 16.25	327 24.80	N22 54.04	358 11.16	N21 22.83	015 52.74	N20 00.56	270 33.95	09.65	N13 03.46	13.06	59.31
14	088 03.09	358 01.29	N24 58.23	003 46.84	N24 16.32	342 26.75	N22 54.00	013 13.29	N21 22.87	030 52.71	N20 01.08	285 02.60	09.69	N12 50.40	13.14	59.32
15	103 05.55	013 00.44	N24 58.31	018 47.49	N24 16.40	357 28.71	N22 53.95	028 15.42	N21 22.91	045 52.67	N20 01.60	299 31.29	09.72	N12 37.26	13.22	59.34
16	118 08.02	027 59.60	N24 58.39	033 48.14	N24 16.48	012 30.66	N22 53.90	043 17.54	N21 22.95	060 52.63	N20 02.11	314 00.01	09.76	N12 24.05	13.29	59.36
17	133 10.48	042 58.76	N24 58.47	048 48.79	N24 16.56	027 32.62	N22 53.85	058 19.67	N21 22.98	075 52.60	N20 02.63	328 28.77	09.80	N12 10.75	13.37	59.38
18	148 12.94	057 57.92	N24 58.54	063 49.44	N24 16.64	042 34.57	N22 53.81	073 21.80	N21 23.02	090 52.56	N20 03.15	342 57.57	09.83	N11 57.38	13.45	59.39
19	163 15.41	072 57.08	N24 58.62	078 50.09	N24 16.71	057 36.53	N22 53.76	088 23.92	N21 23.06	105 52.52	N20 03.66	357 26.40	09.87	N11 43.93	13.52	59.41
20	178 17.87	087 56.24	N24 58.69	093 50.74	N24 16.79	072 38.48	N22 53.71	103 26.05	N21 23.09	120 52.49	N20 04.18	011 55.26	09.90	N11 30.42	13.59	59.43
21	193 20.34	102 55.39	N24 58.76	108 51.39	N24 16.86	087 40.44	N22 53.66	118 28.18	N21 23.13	135 52.45	N20 04.69	026 24.16	09.93	N11 16.82	13.66	59.45
22	208 22.80	117 54.55	N24 58.83	123 52.04	N24 16.94	102 42.39	N22 53.61	133 30.30	N21 23.17	150 52.41	N20 05.21	040 53.09	09.96	N11 03.16	13.73	59.46
23	223 25.26	132 53.71	N24 58.90	138 52.69	N24 17.02	117 44.34	N22 53.57	148 32.43	N21 23.21	165 52.37	N20 05.72	055 22.06	09.99	N10 49.43	13.80	59.48
		v -0.84	d 0.10	v 0.65	d 0.08	v 1.96	d 0.05	v 2.13	d 0.04	v -0.03	d 0.53	SD	16.02	16.15		
		HP 0.11		HP 0.06						SD 15.81	HP 0.14					

Tuesday May 21, 2002 through Wednesday May 22, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
21 00	238 27.73	147 52.87	N24 58.97	153 53.34	N24 17.09	132 46.30	N22 53.52	163 34.56	N21 23.24	180 52.33	N20 06.24	069 51.05	10.03	N10 35.63	13.87	59.50
01	253 30.19	162 52.03	N24 59.04	168 53.98	N24 17.17	147 48.25	N22 53.47	178 36.68	N21 23.28	195 52.30	N20 06.75	084 20.08	10.06	N10 21.76	13.93	59.51
02	268 32.66	177 51.19	N24 59.10	183 54.63	N24 17.24	162 50.21	N22 53.42	193 38.81	N21 23.32	210 52.26	N20 07.26	098 49.13	10.08	N10 07.82	14.00	59.53
03	283 35.12	192 50.35	N24 59.17	198 55.28	N24 17.31	177 52.16	N22 53.38	208 40.94	N21 23.36	225 52.22	N20 07.77	113 18.22	10.11	N09 53.83	14.06	59.54
04	298 37.58	207 49.51	N24 59.23	213 55.93	N24 17.39	192 54.11	N22 53.33	223 43.06	N21 23.39	240 52.18	N20 08.28	127 47.33	10.14	N09 39.76	14.12	59.56
05	313 40.05	222 48.66	N24 59.29	228 56.58	N24 17.46	207 56.07	N22 53.28	238 45.19	N21 23.43	255 52.14	N20 08.79	142 16.47	10.17	N09 25.64	14.18	59.58
06	328 42.51	237 47.82	N24 59.35	243 57.23	N24 17.53	222 58.02	N22 53.23	253 47.32	N21 23.47	270 52.10	N20 09.30	156 45.64	10.19	N09 11.46	14.24	59.59
07	343 44.98	252 46.98	N24 59.41	258 57.88	N24 17.61	237 59.97	N22 53.18	268 49.44	N21 23.51	285 52.06	N20 09.81	171 14.83	10.22	N08 57.22	14.30	59.61
08	358 47.44	267 46.14	N24 59.47	273 58.53	N24 17.68	253 01.93	N22 53.13	283 51.57	N21 23.54	300 52.02	N20 10.32	185 44.05	10.24	N08 42.92	14.36	59.62
09	013 49.91	282 45.30	N24 59.53	288 59.18	N24 17.75	268 03.88	N22 53.09	298 53.69	N21 23.58	315 51.98	N20 10.83	200 13.29	10.26	N08 28.56	14.41	59.64
10	028 52.37	297 44.46	N24 59.59	303 59.83	N24 17.82	283 05.83	N22 53.04	313 55.82	N21 23.62	330 51.94	N20 11.33	214 42.55	10.29	N08 14.15	14.46	59.65
11	043 54.83	312 43.62	N24 59.64	319 00.48	N24 17.89	298 07.78	N22 52.99	328 57.95	N21 23.65	345 51.90	N20 11.84	229 11.84	10.31	N07 59.69	14.52	59.67
12	058 57.30	327 42.78	N24 59.69	334 01.13	N24 17.96	313 09.74	N22 52.94	344 00.07	N21 23.69	000 51.86	N20 12.35	243 41.15	10.33	N07 45.17	14.57	59.68
13	073 59.76	342 41.94	N24 59.74	349 01.78	N24 18.03	328 11.69	N22 52.89	359 02.20	N21 23.73	015 51.82	N20 12.85	258 10.48	10.35	N07 30.61	14.62	59.69
14	089 02.23	357 41.10	N24 59.80	004 02.43	N24 18.10	343 13.64	N22 52.84	014 04.32	N21 23.77	030 51.78	N20 13.36	272 39.82	10.37	N07 15.99	14.66	59.71
15	104 04.69	012 40.26	N24 59.85	019 03.08	N24 18.17	358 15.59	N22 52.80	029 06.45	N21 23.80	045 51.73	N20 13.86	287 09.19	10.39	N07 01.33	14.71	59.72
16	119 07.15	027 39.42	N24 59.89	034 03.73	N24 18.24	013 17.54	N22 52.75	044 08.58	N21 23.84	060 51.69	N20 14.36	301 38.58	10.40	N06 46.62	14.75	59.74
17	134 09.62	042 38.58	N24 59.94	049 04.38	N24 18.31	028 19.50	N22 52.70	059 10.70	N21 23.88	075 51.65	N20 14.87	316 07.98	10.42	N06 31.87	14.80	59.75
18	149 12.08	057 37.74	N24 59.99	064 05.03	N24 18.38	043 21.45	N22 52.65	074 12.83	N21 23.91	090 51.61	N20 15.37	330 37.40	10.43	N06 17.07	14.84	59.76
19	164 14.55	072 36.90	N25 00.03	079 05.68	N24 18.45	058 23.40	N22 52.60	089 14.95	N21 23.95	105 51.57	N20 15.87	345 06.83	10.45	N06 02.23	14.88	59.77
20	179 17.01	087 36.06	N25 00.07	094 06.33	N24 18.52	073 25.35	N22 52.55	104 17.08	N21 23.99	120 51.52	N20 16.37	359 36.28	10.46	N05 47.35	14.92	59.79
21	194 19.47	102 35.22	N25 00.12	109 06.98	N24 18.59	088 27.30	N22 52.50	119 19.20	N21 24.03	135 51.48	N20 16.87	014 05.74	10.47	N05 32.43	14.96	59.80
22	209 21.94	117 34.38	N25 00.16	124 07.63	N24 18.65	103 29.25	N22 52.46	134 21.33	N21 24.06	150 51.44	N20 17.37	028 35.21	10.48	N05 17.48	14.99	59.81
23	224 24.40	132 33.54	N25 00.20	139 08.28	N24 18.72	118 31.20	N22 52.41	149 23.46	N21 24.10	165 51.39	N20 17.87	043 04.70	10.49	N05 02.48	15.03	59.82
22 00	239 26.87	147 32.70	N25 00.24	154 08.93	N24 18.79	133 33.15	N22 52.36	164 25.58	N21 24.14	180 51.35	N20 18.37	057 34.19	10.50	N04 47.46	15.06	59.84
01	254 29.33	162 31.86	N25 00.27	169 09.58	N24 18.85	148 35.10	N22 52.31	179 27.71	N21 24.17	195 51.31	N20 18.87	072 03.70	10.51	N04 32.40	15.09	59.85
02	269 31.79	177 31.02	N25 00.31	184 10.23	N24 18.92	163 37.06	N22 52.26	194 29.83	N21 24.21	210 51.26	N20 19.36	086 33.21	10.52	N04 17.31	15.12	59.86
03	284 34.26	192 30.18	N25 00.34	199 10.88	N24 18.98	178 39.01	N22 52.21	209 31.96	N21 24.25	225 51.22	N20 19.86	101 02.73	10.53	N04 02.18	15.15	59.87
04	299 36.72	207 29.34	N25 00.38	214 11.53	N24 19.05	193 40.96	N22 52.16	224 34.08	N21 24.29	240 51.17	N20 20.36	115 32.25	10.53	N03 47.03	15.18	59.88
05	314 39.19	222 28.50	N25 00.41	229 12.18	N24 19.11	208 42.91	N22 52.11	239 36.21	N21 24.32	255 51.13	N20 20.85	130 01.79	10.54	N03 31.86	15.20	59.89
06	329 41.65	237 27.66	N25 00.44	244 12.83	N24 19.18	223 44.86	N22 52.06	254 38.33	N21 24.36	270 51.09	N20 21.35	144 31.32	10.54	N03 16.65	15.23	59.90
07	344 44.11	252 26.82	N25 00.47	259 13.48	N24 19.24	238 46.81	N22 52.02	269 40.46	N21 24.40	285 51.04	N20 21.84	159 00.86	10.54	N03 01.42	15.25	59.91
08	359 46.58	267 25.98	N25 00.50	274 14.13	N24 19.31	253 48.76	N22 51.97	284 42.58	N21 24.43	300 50.99	N20 22.34	173 30.40	10.54	N02 46.17	15.27	59.92
09	014 49.04	282 25.14	N25 00.53	289 14.78	N24 19.37	268 50.71	N22 51.92	299 44.71	N21 24.47	315 50.95	N20 22.83	187 59.95	10.54	N02 30.90	15.29	59.93
10	029 51.51	297 24.30	N25 00.55	304 15.43	N24 19.43	283 52.66	N22 51.87	314 46.83	N21 24.51	330 50.90	N20 23.32	202 29.49	10.54	N02 15.61	15.31	59.94
11	044 53.97	312 23.47	N25 00.58	319 16.08	N24 19.49	298 54.61	N22 51.82	329 48.96	N21 24.54	345 50.86	N20 23.81	216 59.03	10.54	N02 00.30	15.33	59.95
12	059 56.43	327 22.63	N25 00.60	334 16.73	N24 19.56	313 56.55	N22 51.77	344 51.08	N21 24.58	000 50.81	N20 24.31	231 28.57	10.54	N01 44.98	15.34	59.96
13	074 58.90	342 21.79	N25 00.62	349 17.38	N24 19.62	328 58.50	N22 51.72	359 53.21	N21 24.62	015 50.76	N20 24.80	245 58.11	10.53	N01 29.63	15.35	59.96
14	090 01.36	357 20.95	N25 00.64	004 18.03	N24 19.68	344 00.45	N22 51.67	014 55.33	N21 24.65	030 50.72	N20 25.29	260 27.65	10.53	N01 14.28	15.37	59.97
15	105 03.83	012 20.11	N25 00.66	019 18.68	N24 19.74	359 02.40	N22 51.62	029 57.46	N21 24.69	045 50.67	N20 25.78	274 57.18	10.52	N00 58.91	15.38	59.98
16	120 06.29	027 19.27	N25 00.68	034 19.33	N24 19.80	014 04.35	N22 51.57	044 59.58	N21 24.73	060 50.62	N20 26.26	289 26.70	10.52	N00 43.53	15.39	59.99
17	135 08.76	042 18.44	N25 00.70	049 19.98	N24 19.86	029 06.30	N22 51.52	060 01.71	N21 24.77	075 50.58	N20 26.75	303 56.22	10.51	N00 28.15	15.39	60.00
18	150 11.22	057 17.60	N25 00.71	064 20.63	N24 19.92	044 08.25	N22 51.47	075 03.83	N21 24.80	090 50.53	N20 27.24	318 25.73	10.50	N00 12.75	15.40	60.00
19	165 13.68	072 16.76	N25 00.73	079 21.28	N24 19.98	059 10.20	N22 51.42	090 05.96	N21 24.84	105 50.48	N20 27.73	332 55.23	10.49	S00 02.65	15.40	60.01
20	180 16.15	087 15.92	N25 00.74	094 21.93	N24 20.04	074 12.15	N22 51.37	105 08.08	N21 24.88	120 50.43	N20 28.21	347 24.72	10.48	S00 18.05	15.41	60.02
21	195 18.61	102 15.08	N25 00.76	109 22.58	N24 20.10	089 14.09	N22 51.32	120 10.21	N21 24.91	135 50.39	N20 28.70	001 54.20	10.47	S00 33.46	15.41	60.02
22	210 21.08	117 14.25	N25 00.77	124 23.23	N24 20.16	104 16.04	N22 51.27	135 12.33	N21 24.95	150 50.34	N20 29.19	016 23.67	10.46	S00 48.86	15.41	60.03
23	225 23.54	132 13.41	N25 00.78	139 23.89	N24 20.22	119 17.99	N22 51.22	150 14.46	N21 24.99	165 50.29	N20 29.67	030 53.13	10.44	S01 04.27	15.41	60.03
		v -0.84	d 0.04	v 0.65	d 0.07	v 1.95	d 0.05	v 2.13	d 0.04	v -0.04	d 0.50	SD	16.26	16.34		
		HP 0.11		HP 0.06						SD 15.80	HP 0.14					

Thursday May 23, 2002 through Friday May 24, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
23 00	240 26.00	147 12.57	N25 00.78	154 24.54	N24 20.28	134 19.94	N22 51.17	165 16.58	N21 25.02	180 50.24	N20 30.15	045 22.57	10.43	S01 19.68	15.40	60.04
01	255 28.47	162 11.73	N25 00.79	169 25.19	N24 20.33	149 21.88	N22 51.12	180 18.71	N21 25.06	195 50.19	N20 30.64	059 52.00	10.41	S01 35.08	15.40	60.04
02	270 30.93	177 10.90	N25 00.80	184 25.84	N24 20.39	164 23.83	N22 51.07	195 20.83	N21 25.10	210 50.14	N20 31.12	074 21.41	10.40	S01 50.47	15.39	60.05
03	285 33.40	192 10.06	N25 00.80	199 26.49	N24 20.45	179 25.78	N22 51.02	210 22.96	N21 25.13	225 50.09	N20 31.60	088 50.80	10.38	S02 05.86	15.38	60.05
04	300 35.86	207 09.22	N25 00.81	214 27.14	N24 20.50	194 27.73	N22 50.97	225 25.08	N21 25.17	240 50.04	N20 32.08	103 20.18	10.36	S02 21.25	15.37	60.05
05	315 38.32	222 08.39	N25 00.81	229 27.79	N24 20.56	209 29.67	N22 50.92	240 27.21	N21 25.21	255 49.99	N20 32.56	117 49.54	10.34	S02 36.62	15.36	60.06
06	330 40.79	237 07.55	N25 00.81	244 28.44	N24 20.62	224 31.62	N22 50.87	255 29.33	N21 25.24	270 49.94	N20 33.05	132 18.88	10.32	S02 51.98	15.35	60.06
07	345 43.25	252 06.71	N25 00.81	259 29.09	N24 20.67	239 33.57	N22 50.82	270 31.45	N21 25.28	285 49.89	N20 33.52	146 48.20	10.30	S03 07.32	15.33	60.06
08	000 45.72	267 05.88	N25 00.81	274 29.74	N24 20.73	254 35.52	N22 50.77	285 33.58	N21 25.32	300 49.84	N20 34.00	161 17.50	10.27	S03 22.66	15.32	60.07
09	015 48.18	282 05.04	N25 00.81	289 30.39	N24 20.78	269 37.46	N22 50.72	300 35.70	N21 25.35	315 49.79	N20 34.48	175 46.77	10.25	S03 37.97	15.30	60.07
10	030 50.64	297 04.20	N25 00.80	304 31.04	N24 20.84	284 39.41	N22 50.67	315 37.83	N21 25.39	330 49.74	N20 34.96	190 16.02	10.23	S03 53.27	15.28	60.07
11	045 53.11	312 03.37	N25 00.80	319 31.70	N24 20.89	299 41.36	N22 50.62	330 39.95	N21 25.43	345 49.69	N20 35.44	204 45.25	10.20	S04 08.55	15.26	60.07
12	060 55.57	327 02.53	N25 00.79	334 32.35	N24 20.94	314 43.30	N22 50.57	345 42.08	N21 25.46	000 49.64	N20 35.91	219 14.45	10.18	S04 23.80	15.23	60.07
13	075 58.04	342 01.69	N25 00.78	349 33.00	N24 21.00	329 45.25	N22 50.52	000 44.20	N21 25.50	015 49.59	N20 36.39	233 43.62	10.15	S04 39.04	15.21	60.07
14	091 00.50	357 00.86	N25 00.77	004 33.65	N24 21.05	344 47.19	N22 50.47	015 46.32	N21 25.54	030 49.53	N20 36.87	248 12.77	10.12	S04 54.25	15.18	60.07
15	106 02.96	012 00.02	N25 00.76	019 34.30	N24 21.10	359 49.14	N22 50.42	030 48.45	N21 25.57	045 49.48	N20 37.34	262 41.89	10.09	S05 09.43	15.16	60.08
16	121 05.43	026 59.19	N25 00.75	034 34.95	N24 21.15	014 51.09	N22 50.37	045 50.57	N21 25.61	060 49.43	N20 37.81	277 10.98	10.06	S05 24.59	15.13	60.07
17	136 07.89	041 58.35	N25 00.74	049 35.60	N24 21.21	029 53.03	N22 50.32	060 52.70	N21 25.65	075 49.38	N20 38.29	291 40.04	10.03	S05 39.71	15.10	60.07
18	151 10.36	056 57.52	N25 00.73	064 36.25	N24 21.26	044 54.98	N22 50.27	075 54.82	N21 25.68	090 49.32	N20 38.76	306 09.07	10.00	S05 54.81	15.06	60.07
19	166 12.82	071 56.68	N25 00.71	079 36.91	N24 21.31	059 56.92	N22 50.22	090 56.94	N21 25.72	105 49.27	N20 39.23	320 38.07	09.97	S06 09.87	15.03	60.07
20	181 15.29	086 55.85	N25 00.70	094 37.56	N24 21.36	074 58.87	N22 50.17	105 59.07	N21 25.75	120 49.22	N20 39.70	335 07.04	09.93	S06 24.90	14.99	60.07
21	196 17.75	101 55.01	N25 00.68	109 38.21	N24 21.41	090 00.81	N22 50.12	121 01.19	N21 25.79	135 49.16	N20 40.18	349 35.97	09.90	S06 39.89	14.95	60.07
22	211 20.21	116 54.18	N25 00.66	124 38.86	N24 21.46	105 02.76	N22 50.07	136 03.32	N21 25.83	150 49.11	N20 40.65	004 04.87	09.86	S06 54.85	14.92	60.07
23	226 22.68	131 53.34	N25 00.64	139 39.51	N24 21.51	120 04.70	N22 50.02	151 05.44	N21 25.86	165 49.06	N20 41.12	018 33.73	09.83	S07 09.76	14.87	60.06
24 00	241 25.14	146 52.51	N25 00.62	154 40.16	N24 21.56	135 06.65	N22 49.97	166 07.56	N21 25.90	180 49.00	N20 41.59	033 02.56	09.79	S07 24.63	14.83	60.06
01	256 27.61	161 51.67	N25 00.60	169 40.81	N24 21.61	150 08.59	N22 49.92	181 09.69	N21 25.94	195 48.95	N20 42.05	047 31.35	09.75	S07 39.47	14.79	60.06
02	271 30.07	176 50.84	N25 00.57	184 41.47	N24 21.66	165 10.54	N22 49.86	196 11.81	N21 25.97	210 48.89	N20 42.52	062 00.10	09.72	S07 54.25	14.74	60.05
03	286 32.53	191 50.00	N25 00.55	199 42.12	N24 21.71	180 12.48	N22 49.81	211 13.93	N21 26.01	225 48.84	N20 42.99	076 28.82	09.68	S08 09.00	14.69	60.05
04	301 35.00	206 49.17	N25 00.52	214 42.77	N24 21.75	195 14.43	N22 49.76	226 16.06	N21 26.05	240 48.79	N20 43.46	090 57.50	09.64	S08 23.69	14.64	60.05
05	316 37.46	221 48.34	N25 00.49	229 43.42	N24 21.80	210 16.37	N22 49.71	241 18.18	N21 26.08	255 48.73	N20 43.92	105 26.13	09.60	S08 38.33	14.59	60.04
06	331 39.93	236 47.50	N25 00.47	244 44.07	N24 21.85	225 18.32	N22 49.66	256 20.30	N21 26.12	270 48.67	N20 44.39	119 54.73	09.56	S08 52.93	14.54	60.04
07	346 42.39	251 46.67	N25 00.44	259 44.72	N24 21.90	240 20.26	N22 49.61	271 22.43	N21 26.16	285 48.62	N20 44.85	134 23.28	09.51	S09 07.47	14.49	60.03
08	001 44.85	266 45.84	N25 00.40	274 45.38	N24 21.94	255 22.20	N22 49.56	286 24.55	N21 26.19	300 48.56	N20 45.32	148 51.80	09.47	S09 21.96	14.43	60.02
09	016 47.32	281 45.00	N25 00.37	289 46.03	N24 21.99	270 24.15	N22 49.51	301 26.68	N21 26.23	315 48.51	N20 45.78	163 20.27	09.43	S09 36.39	14.37	60.02
10	031 49.78	296 44.17	N25 00.34	304 46.68	N24 22.03	285 26.09	N22 49.46	316 28.80	N21 26.26	330 48.45	N20 46.24	177 48.70	09.38	S09 50.76	14.32	60.01
11	046 52.25	311 43.34	N25 00.30	319 47.33	N24 22.08	300 28.03	N22 49.40	331 30.92	N21 26.30	345 48.39	N20 46.71	192 17.08	09.34	S10 05.08	14.25	60.00
12	061 54.71	326 42.50	N25 00.27	334 47.98	N24 22.13	315 29.98	N22 49.35	346 33.05	N21 26.34	000 48.34	N20 47.17	206 45.42	09.29	S10 19.33	14.19	60.00
13	076 57.17	341 41.67	N25 00.23	349 48.63	N24 22.17	330 31.92	N22 49.30	001 35.17	N21 26.37	015 48.28	N20 47.63	221 13.72	09.25	S10 33.53	14.13	59.99
14	091 59.64	356 40.84	N25 00.19	004 49.29	N24 22.21	345 33.86	N22 49.25	016 37.29	N21 26.41	030 48.22	N20 48.09	235 41.96	09.20	S10 47.65	14.06	59.98
15	107 02.10	011 40.01	N25 00.15	019 49.94	N24 22.26	000 35.81	N22 49.20	031 39.42	N21 26.45	045 48.17	N20 48.55	250 10.17	09.16	S11 01.72	14.00	59.97
16	122 04.57	026 39.17	N25 00.11	034 50.59	N24 22.30	015 37.75	N22 49.15	046 41.54	N21 26.48	060 48.11	N20 49.01	264 38.32	09.11	S11 15.71	13.93	59.96
17	137 07.03	041 38.34	N25 00.07	049 51.24	N24 22.35	030 39.69	N22 49.10	061 43.66	N21 26.52	075 48.05	N20 49.47	279 06.43	09.06	S11 29.64	13.86	59.95
18	152 09.50	056 37.51	N25 00.03	064 51.89	N24 22.39	045 41.64	N22 49.04	076 45.78	N21 26.55	090 47.99	N20 49.93	293 34.49	09.01	S11 43.49	13.78	59.95
19	167 11.96	071 36.68	N24 59.98	079 52.55	N24 22.43	060 43.58	N22 48.99	091 47.91	N21 26.59	105 47.94	N20 50.38	308 02.51	08.96	S11 57.28	13.71	59.94
20	182 14.42	086 35.85	N24 59.93	094 53.20	N24 22.47	075 45.52	N22 48.94	106 50.03	N21 26.63	120 47.88	N20 50.84	322 30.47	08.92	S12 10.99	13.63	59.93
21	197 16.89	101 35.02	N24 59.89	109 53.85	N24 22.52	090 47.46	N22 48.89	121 52.15	N21 26.66	135 47.82	N20 51.30	336 58.39	08.87	S12 24.62	13.56	59.91
22	212 19.35	116 34.18	N24 59.84	124 54.50	N24 22.56	105 49.41	N22 48.84	136 54.28	N21 26.70	150 47.76	N20 51.75	351 26.25	08.82	S12 38.18	13.48	59.90
23	227 21.82	131 33.35	N24 59.79	139 55.16	N24 22.60	120 51.35	N22 48.79	151 56.40	N21 26.74	165 47.70	N20 52.21	005 54.07	08.77	S12 51.66	13.40	59.89
		v -0.83	d 0.02	v 0.65	d 0.05	v 1.94	d 0.05	v 2.12	d 0.04	v -0.05	d 0.47	SD	16.37	16.35		
		HP 0.11		HP 0.06						SD 15.80	HP 0.14					

Saturday May 25, 2002 through Sunday May 26, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
25 00	242 24.28	146 32.52	N24 59.74	154 55.81	N24 22.64	135 53.29	N22 48.73	166 58.52	N21 26.77	180 47.64	N20 52.66	020 21.83	08.71	S13 05.06	13.32	59.88
01	257 26.74	161 31.69	N24 59.69	169 56.46	N24 22.68	150 55.23	N22 48.68	182 00.65	N21 26.81	195 47.58	N20 53.11	034 49.55	08.66	S13 18.37	13.23	59.87
02	272 29.21	176 30.86	N24 59.63	184 57.11	N24 22.72	165 57.17	N22 48.63	197 02.77	N21 26.84	210 47.52	N20 53.57	049 17.21	08.61	S13 31.61	13.15	59.86
03	287 31.67	191 30.03	N24 59.58	199 57.77	N24 22.76	180 59.12	N22 48.58	212 04.89	N21 26.88	225 47.46	N20 54.02	063 44.83	08.56	S13 44.75	13.06	59.84
04	302 34.14	206 29.20	N24 59.52	214 58.42	N24 22.80	196 01.06	N22 48.53	227 07.01	N21 26.92	240 47.40	N20 54.47	078 12.39	08.51	S13 57.82	12.97	59.83
05	317 36.60	221 28.37	N24 59.47	229 59.07	N24 22.84	211 03.00	N22 48.47	242 09.14	N21 26.95	255 47.34	N20 54.92	092 39.90	08.46	S14 10.79	12.88	59.82
06	332 39.06	236 27.54	N24 59.41	244 59.72	N24 22.88	226 04.94	N22 48.42	257 11.26	N21 26.99	270 47.28	N20 55.37	107 07.35	08.41	S14 23.67	12.79	59.80
07	347 41.53	251 26.71	N24 59.35	260 00.38	N24 22.92	241 06.88	N22 48.37	272 13.38	N21 27.02	285 47.22	N20 55.82	121 34.76	08.35	S14 36.46	12.70	59.79
08	002 43.99	266 25.88	N24 59.29	275 01.03	N24 22.95	256 08.82	N22 48.32	287 15.51	N21 27.06	300 47.16	N20 56.27	136 02.11	08.30	S14 49.16	12.60	59.77
09	017 46.46	281 25.05	N24 59.22	290 01.68	N24 22.99	271 10.76	N22 48.27	302 17.63	N21 27.10	315 47.10	N20 56.72	150 29.41	08.25	S15 01.77	12.51	59.76
10	032 48.92	296 24.22	N24 59.16	305 02.33	N24 23.03	286 12.70	N22 48.21	317 19.75	N21 27.13	330 47.04	N20 57.17	164 56.66	08.19	S15 14.28	12.41	59.74
11	047 51.39	311 23.39	N24 59.10	320 02.99	N24 23.07	301 14.64	N22 48.16	332 21.87	N21 27.17	345 46.98	N20 57.62	179 23.85	08.14	S15 26.69	12.31	59.73
12	062 53.85	326 22.56	N24 59.03	335 03.64	N24 23.10	316 16.59	N22 48.11	347 24.00	N21 27.20	000 46.92	N20 58.06	193 51.00	08.09	S15 39.00	12.21	59.71
13	077 56.31	341 21.74	N24 58.96	350 04.29	N24 23.14	331 18.53	N22 48.06	002 26.12	N21 27.24	015 46.85	N20 58.51	208 18.09	08.04	S15 51.21	12.11	59.70
14	092 58.78	356 20.91	N24 58.90	005 04.95	N24 23.18	346 20.47	N22 48.00	017 28.24	N21 27.28	030 46.79	N20 58.96	222 45.12	07.98	S16 03.32	12.01	59.68
15	108 01.24	011 20.08	N24 58.83	020 05.60	N24 23.21	001 22.41	N22 47.95	032 30.36	N21 27.31	045 46.73	N20 59.40	237 12.11	07.93	S16 15.33	11.90	59.66
16	123 03.71	026 19.25	N24 58.76	035 06.25	N24 23.25	016 24.35	N22 47.90	047 32.49	N21 27.35	060 46.67	N20 59.84	251 39.04	07.88	S16 27.23	11.79	59.64
17	138 06.17	041 18.42	N24 58.68	050 06.90	N24 23.28	031 26.29	N22 47.85	062 34.61	N21 27.38	075 46.60	N21 00.29	266 05.92	07.83	S16 39.03	11.69	59.63
18	153 08.63	056 17.60	N24 58.61	065 07.56	N24 23.32	046 28.23	N22 47.79	077 36.73	N21 27.42	090 46.54	N21 00.73	280 32.74	07.77	S16 50.71	11.58	59.61
19	168 11.10	071 16.77	N24 58.54	080 08.21	N24 23.35	061 30.17	N22 47.74	092 38.85	N21 27.46	105 46.48	N21 01.17	294 59.52	07.72	S17 02.29	11.47	59.59
20	183 13.56	086 15.94	N24 58.46	095 08.86	N24 23.38	076 32.11	N22 47.69	107 40.98	N21 27.49	120 46.41	N21 01.62	309 26.24	07.67	S17 13.76	11.36	59.57
21	198 16.03	101 15.11	N24 58.38	110 09.52	N24 23.42	091 34.05	N22 47.64	122 43.10	N21 27.53	135 46.35	N21 02.06	323 52.91	07.62	S17 25.11	11.24	59.55
22	213 18.49	116 14.29	N24 58.31	125 10.17	N24 23.45	106 35.98	N22 47.58	137 45.22	N21 27.56	150 46.29	N21 02.50	338 19.53	07.57	S17 36.35	11.13	59.53
23	228 20.96	131 13.46	N24 58.23	140 10.82	N24 23.48	121 37.92	N22 47.53	152 47.34	N21 27.60	165 46.22	N21 02.94	352 46.09	07.52	S17 47.48	11.01	59.51
26 00	243 23.42	146 12.63	N24 58.15	155 11.48	N24 23.52	136 39.86	N22 47.48	167 49.46	N21 27.63	180 46.16	N21 03.38	007 12.61	07.47	S17 58.49	10.89	59.49
01	258 25.88	161 11.81	N24 58.06	170 12.13	N24 23.55	151 41.80	N22 47.43	182 51.59	N21 27.67	195 46.09	N21 03.81	021 39.08	07.42	S18 09.38	10.77	59.47
02	273 28.35	176 10.98	N24 57.98	185 12.78	N24 23.58	166 43.74	N22 47.37	197 53.71	N21 27.71	210 46.03	N21 04.25	036 05.49	07.37	S18 20.16	10.65	59.45
03	288 30.81	191 10.15	N24 57.90	200 13.44	N24 23.61	181 45.68	N22 47.32	212 55.83	N21 27.74	225 45.96	N21 04.69	050 31.86	07.32	S18 30.81	10.53	59.43
04	303 33.28	206 09.33	N24 57.81	215 14.09	N24 23.64	196 47.62	N22 47.27	227 57.95	N21 27.78	240 45.90	N21 05.13	064 58.17	07.27	S18 41.34	10.41	59.41
05	318 35.74	221 08.50	N24 57.72	230 14.74	N24 23.67	211 49.56	N22 47.21	243 00.07	N21 27.81	255 45.83	N21 05.56	079 24.44	07.22	S18 51.75	10.29	59.39
06	333 38.20	236 07.68	N24 57.64	245 15.40	N24 23.70	226 51.50	N22 47.16	258 02.20	N21 27.85	270 45.77	N21 06.00	093 50.66	07.17	S19 02.04	10.16	59.37
07	348 40.67	251 06.85	N24 57.55	260 16.05	N24 23.73	241 53.43	N22 47.11	273 04.32	N21 27.88	285 45.70	N21 06.43	108 16.83	07.12	S19 12.20	10.03	59.34
08	003 43.13	266 06.03	N24 57.46	275 16.70	N24 23.76	256 55.37	N22 47.05	288 06.44	N21 27.92	300 45.64	N21 06.87	122 42.95	07.08	S19 22.23	09.91	59.32
09	018 45.60	281 05.20	N24 57.37	290 17.36	N24 23.79	271 57.31	N22 47.00	303 08.56	N21 27.96	315 45.57	N21 07.30	137 09.03	07.03	S19 32.14	09.78	59.30
10	033 48.06	296 04.38	N24 57.27	305 18.01	N24 23.82	286 59.25	N22 46.95	318 10.68	N21 27.99	330 45.50	N21 07.73	151 35.06	06.99	S19 41.91	09.65	59.27
11	048 50.53	311 03.55	N24 57.18	320 18.66	N24 23.85	302 01.19	N22 46.89	333 12.81	N21 28.03	345 45.44	N21 08.17	166 01.05	06.94	S19 51.56	09.51	59.25
12	063 52.99	326 02.73	N24 57.08	335 19.32	N24 23.88	317 03.12	N22 46.84	348 14.93	N21 28.06	000 45.37	N21 08.60	180 26.99	06.90	S20 01.07	09.38	59.23
13	078 55.45	341 01.90	N24 56.99	350 19.97	N24 23.90	332 05.06	N22 46.79	003 17.05	N21 28.10	015 45.30	N21 09.03	194 52.88	06.85	S20 10.46	09.25	59.20
14	093 57.92	356 01.08	N24 56.89	005 20.63	N24 23.93	347 07.00	N22 46.73	018 19.17	N21 28.13	030 45.24	N21 09.46	209 18.74	06.81	S20 19.70	09.11	59.18
15	109 00.38	011 00.26	N24 56.79	020 21.28	N24 23.96	002 08.94	N22 46.68	033 21.29	N21 28.17	045 45.17	N21 09.89	223 44.55	06.77	S20 28.82	08.98	59.15
16	124 02.85	025 59.43	N24 56.69	035 21.93	N24 23.99	017 10.87	N22 46.63	048 23.41	N21 28.21	060 45.10	N21 10.32	238 10.32	06.73	S20 37.80	08.84	59.13
17	139 05.31	040 58.61	N24 56.59	050 22.59	N24 24.01	032 12.81	N22 46.57	063 25.54	N21 28.24	075 45.03	N21 10.75	252 36.05	06.69	S20 46.64	08.70	59.10
18	154 07.77	055 57.79	N24 56.48	065 23.24	N24 24.04	047 14.75	N22 46.52	078 27.66	N21 28.28	090 44.96	N21 11.17	267 01.74	06.65	S20 55.34	08.57	59.08
19	169 10.24	070 56.96	N24 56.38	080 23.90	N24 24.06	062 16.69	N22 46.47	093 29.78	N21 28.31	105 44.90	N21 11.60	281 27.39	06.61	S21 03.91	08.43	59.05
20	184 12.70	085 56.14	N24 56.28	095 24.55	N24 24.09	077 18.62	N22 46.41	108 31.90	N21 28.35	120 44.83	N21 12.03	295 53.01	06.58	S21 12.33	08.29	59.03
21	199 15.17	100 55.32	N24 56.17	110 25.20	N24 24.11	092 20.56	N22 46.36	123 34.02	N21 28.38	135 44.76	N21 12.45	310 18.58	06.54	S21 20.62	08.14	59.00
22	214 17.63	115 54.50	N24 56.06	125 25.86	N24 24.14	107 22.50	N22 46.31	138 36.14	N21 28.42	150 44.69	N21 12.88	324 44.13	06.51	S21 28.76	08.00	58.98
23	229 20.10	130 53.67	N24 55.95	140 26.51	N24 24.16	122 24.43	N22 46.25	153 38.27	N21 28.45	165 44.62	N21 13.30	339 09.63	06.47	S21 36.76	07.86	58.95
		v -0.83	d 0.08	v 0.65	d 0.03	v 1.94	d 0.05	v 2.12	d 0.04	v -0.06	d 0.44	SD	16.27	16.14		
		HP 0.11		HP 0.06						SD 15.79	HP 0.14					

Monday May 27, 2002 through Tuesday May 28, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
27 00	244 22.56	145 52.85	N24 55.84	155 27.17	N24 24.19	137 26.37	N22 46.20	168 40.39	N21 28.49	180 44.55	N21 13.73	353 35.11	06.44	S21 44.62	07.71	58.92
01	259 25.02	160 52.03	N24 55.73	170 27.82	N24 24.21	152 28.31	N22 46.14	183 42.51	N21 28.53	195 44.48	N21 14.15	008 00.55	06.41	S21 52.33	07.57	58.89
02	274 27.49	175 51.21	N24 55.62	185 28.48	N24 24.23	167 30.24	N22 46.09	198 44.63	N21 28.56	210 44.41	N21 14.57	022 25.96	06.38	S21 59.90	07.42	58.87
03	289 29.95	190 50.39	N24 55.50	200 29.13	N24 24.26	182 32.18	N22 46.04	213 46.75	N21 28.60	225 44.34	N21 15.00	036 51.34	06.35	S22 07.32	07.28	58.84
04	304 32.42	205 49.57	N24 55.39	215 29.78	N24 24.28	197 34.11	N22 45.98	228 48.87	N21 28.63	240 44.27	N21 15.42	051 16.69	06.32	S22 14.60	07.13	58.81
05	319 34.88	220 48.75	N24 55.27	230 30.44	N24 24.30	212 36.05	N22 45.93	243 50.99	N21 28.67	255 44.20	N21 15.84	065 42.01	06.30	S22 21.73	06.98	58.78
06	334 37.35	235 47.93	N24 55.16	245 31.09	N24 24.32	227 37.99	N22 45.87	258 53.12	N21 28.70	270 44.13	N21 16.26	080 07.31	06.27	S22 28.71	06.83	58.75
07	349 39.81	250 47.11	N24 55.04	260 31.75	N24 24.35	242 39.92	N22 45.82	273 55.24	N21 28.74	285 44.06	N21 16.68	094 32.58	06.25	S22 35.54	06.68	58.73
08	004 42.27	265 46.29	N24 54.92	275 32.40	N24 24.37	257 41.86	N22 45.77	288 57.36	N21 28.77	300 43.99	N21 17.10	108 57.83	06.23	S22 42.22	06.53	58.70
09	019 44.74	280 45.47	N24 54.80	290 33.06	N24 24.39	272 43.79	N22 45.71	303 59.48	N21 28.81	315 43.92	N21 17.52	123 23.05	06.20	S22 48.75	06.38	58.67
10	034 47.20	295 44.65	N24 54.67	305 33.71	N24 24.41	287 45.73	N22 45.66	319 01.60	N21 28.85	330 43.85	N21 17.93	137 48.26	06.19	S22 55.14	06.23	58.64
11	049 49.67	310 43.83	N24 54.55	320 34.37	N24 24.43	302 47.66	N22 45.60	334 03.72	N21 28.88	345 43.78	N21 18.35	152 13.44	06.17	S23 01.37	06.08	58.61
12	064 52.13	325 43.01	N24 54.43	335 35.02	N24 24.45	317 49.60	N22 45.55	349 05.84	N21 28.92	000 43.70	N21 18.77	166 38.61	06.15	S23 07.44	05.93	58.58
13	079 54.59	340 42.19	N24 54.30	350 35.68	N24 24.47	332 51.53	N22 45.50	004 07.96	N21 28.95	015 43.63	N21 19.18	181 03.76	06.13	S23 13.37	05.77	58.55
14	094 57.06	355 41.37	N24 54.17	005 36.33	N24 24.49	347 53.47	N22 45.44	019 10.08	N21 28.99	030 43.56	N21 19.60	195 28.89	06.12	S23 19.14	05.62	58.52
15	109 59.52	010 40.55	N24 54.04	020 36.99	N24 24.50	002 55.40	N22 45.39	034 12.21	N21 29.02	045 43.49	N21 20.01	209 54.01	06.11	S23 24.76	05.47	58.49
16	125 01.99	025 39.73	N24 53.91	035 37.64	N24 24.52	017 57.34	N22 45.33	049 14.33	N21 29.06	060 43.42	N21 20.43	224 19.12	06.10	S23 30.23	05.31	58.46
17	140 04.45	040 38.92	N24 53.78	050 38.30	N24 24.54	032 59.27	N22 45.28	064 16.45	N21 29.09	075 43.34	N21 20.84	238 44.22	06.09	S23 35.54	05.16	58.43
18	155 06.92	055 38.10	N24 53.65	065 38.95	N24 24.56	048 01.21	N22 45.22	079 18.57	N21 29.13	090 43.27	N21 21.25	253 09.31	06.08	S23 40.70	05.00	58.40
19	170 09.38	070 37.28	N24 53.52	080 39.61	N24 24.58	063 03.14	N22 45.17	094 20.69	N21 29.16	105 43.20	N21 21.66	267 34.39	06.07	S23 45.70	04.85	58.37
20	185 11.84	085 36.46	N24 53.38	095 40.26	N24 24.59	078 05.07	N22 45.11	109 22.81	N21 29.20	120 43.12	N21 22.08	281 59.46	06.07	S23 50.55	04.69	58.34
21	200 14.31	100 35.65	N24 53.25	110 40.92	N24 24.61	093 07.01	N22 45.06	124 24.93	N21 29.23	135 43.05	N21 22.49	296 24.53	06.07	S23 55.24	04.54	58.31
22	215 16.77	115 34.83	N24 53.11	125 41.57	N24 24.63	108 08.94	N22 45.00	139 27.05	N21 29.27	150 42.98	N21 22.90	310 49.60	06.06	S23 59.77	04.38	58.28
23	230 19.24	130 34.01	N24 52.97	140 42.23	N24 24.64	123 10.88	N22 44.95	154 29.17	N21 29.30	165 42.90	N21 23.31	325 14.66	06.07	S24 04.15	04.22	58.24
28 00	245 21.70	145 33.20	N24 52.83	155 42.88	N24 24.66	138 12.81	N22 44.90	169 31.29	N21 29.34	180 42.83	N21 23.71	339 39.73	06.07	S24 08.38	04.07	58.21
01	260 24.17	160 32.38	N24 52.69	170 43.54	N24 24.67	153 14.74	N22 44.84	184 33.41	N21 29.37	195 42.75	N21 24.12	354 04.80	06.07	S24 12.44	03.91	58.18
02	275 26.63	175 31.56	N24 52.55	185 44.19	N24 24.69	168 16.68	N22 44.79	199 35.53	N21 29.41	210 42.68	N21 24.53	008 29.87	06.08	S24 16.35	03.75	58.15
03	290 29.09	190 30.75	N24 52.41	200 44.85	N24 24.70	183 18.61	N22 44.73	214 37.66	N21 29.44	225 42.60	N21 24.94	022 54.94	06.08	S24 20.11	03.60	58.12
04	305 31.56	205 29.93	N24 52.26	215 45.50	N24 24.72	198 20.54	N22 44.68	229 39.78	N21 29.48	240 42.53	N21 25.34	037 20.02	06.09	S24 23.70	03.44	58.09
05	320 34.02	220 29.12	N24 52.12	230 46.16	N24 24.73	213 22.48	N22 44.62	244 41.90	N21 29.52	255 42.45	N21 25.75	051 45.11	06.10	S24 27.14	03.28	58.05
06	335 36.49	235 28.30	N24 51.97	245 46.81	N24 24.74	228 24.41	N22 44.57	259 44.02	N21 29.55	270 42.38	N21 26.15	066 10.21	06.11	S24 30.43	03.13	58.02
07	350 38.95	250 27.49	N24 51.82	260 47.47	N24 24.76	243 26.34	N22 44.51	274 46.14	N21 29.59	285 42.30	N21 26.56	080 35.33	06.13	S24 33.55	02.97	57.99
08	005 41.41	265 26.68	N24 51.67	275 48.13	N24 24.77	258 28.28	N22 44.46	289 48.26	N21 29.62	300 42.23	N21 26.96	095 00.45	06.14	S24 36.52	02.81	57.96
09	020 43.88	280 25.86	N24 51.52	290 48.78	N24 24.78	273 30.21	N22 44.40	304 50.38	N21 29.66	315 42.15	N21 27.36	109 25.59	06.16	S24 39.33	02.66	57.92
10	035 46.34	295 25.05	N24 51.37	305 49.44	N24 24.79	288 32.14	N22 44.35	319 52.50	N21 29.69	330 42.07	N21 27.77	123 50.75	06.18	S24 41.99	02.50	57.89
11	050 48.81	310 24.23	N24 51.22	320 50.09	N24 24.80	303 34.07	N22 44.29	334 54.62	N21 29.73	345 42.00	N21 28.17	138 15.92	06.20	S24 44.49	02.34	57.86
12	065 51.27	325 23.42	N24 51.06	335 50.75	N24 24.82	318 36.01	N22 44.23	349 56.74	N21 29.76	000 41.92	N21 28.57	152 41.12	06.22	S24 46.83	02.19	57.83
13	080 53.74	340 22.61	N24 50.91	350 51.40	N24 24.83	333 37.94	N22 44.18	004 58.86	N21 29.80	015 41.84	N21 28.97	167 06.34	06.24	S24 49.02	02.03	57.79
14	095 56.20	355 21.79	N24 50.75	005 52.06	N24 24.84	348 39.87	N22 44.12	020 00.98	N21 29.83	030 41.77	N21 29.37	181 31.58	06.27	S24 51.05	01.87	57.76
15	110 58.66	010 20.98	N24 50.59	020 52.72	N24 24.85	003 41.80	N22 44.07	035 03.10	N21 29.87	045 41.69	N21 29.77	195 56.84	06.29	S24 52.92	01.72	57.73
16	126 01.13	025 20.17	N24 50.43	035 53.37	N24 24.86	018 43.73	N22 44.01	050 05.22	N21 29.90	060 41.61	N21 30.17	210 22.14	06.32	S24 54.64	01.56	57.69
17	141 03.59	040 19.36	N24 50.27	050 54.03	N24 24.87	033 45.67	N22 43.96	065 07.34	N21 29.94	075 41.53	N21 30.57	224 47.46	06.35	S24 56.21	01.41	57.66
18	156 06.06	055 18.55	N24 50.11	065 54.68	N24 24.88	048 47.60	N22 43.90	080 09.46	N21 29.97	090 41.46	N21 30.96	239 12.81	06.38	S24 57.62	01.25	57.63
19	171 08.52	070 17.73	N24 49.95	080 55.34	N24 24.89	063 49.53	N22 43.85	095 11.58	N21 30.01	105 41.38	N21 31.36	253 38.19	06.42	S24 58.87	01.10	57.60
20	186 10.99	085 16.92	N24 49.79	095 56.00	N24 24.89	078 51.46	N22 43.79	110 13.70	N21 30.04	120 41.30	N21 31.75	268 03.61	06.45	S24 59.97	00.95	57.56
21	201 13.45	100 16.11	N24 49.62	110 56.65	N24 24.90	093 53.39	N22 43.74	125 15.82	N21 30.08	135 41.22	N21 32.15	282 29.06	06.49	S25 00.91	00.79	57.53
22	216 15.91	115 15.30	N24 49.45	125 57.31	N24 24.91	108 55.32	N22 43.68	140 17.94	N21 30.11	150 41.14	N21 32.54	296 54.54	06.53	S25 01.71	00.64	57.50
23	231 18.38	130 14.49	N24 49.29	140 57.97	N24 24.92	123 57.25	N22 43.62	155 20.06	N21 30.15	165 41.06	N21 32.94	311 20.07	06.56	S25 02.35	00.49	57.46
		v -0.82	d 0.14	v 0.66	d 0.02	v 1.93	d 0.05	v 2.12	d 0.04	v -0.07	d 0.41	SD	15.97	15.76		
		HP 0.11		HP 0.06						SD 15.78	HP 0.14					

Wednesday May 29, 2002 through Thursday May 30, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
29 00	246 20.84	145 13.68	N24 49.12	155 58.62	N24 24.92	138 59.19	N22 43.57	170 22.18	N21 30.18	180 40.98	N21 33.33	325 45.63	06.61	S25 02.83	00.33	57.43
01	261 23.31	160 12.87	N24 48.95	170 59.28	N24 24.93	154 01.12	N22 43.51	185 24.30	N21 30.22	195 40.91	N21 33.72	340 11.24	06.65	S25 03.17	00.18	57.40
02	276 25.77	175 12.06	N24 48.78	185 59.94	N24 24.94	169 03.05	N22 43.46	200 26.42	N21 30.25	210 40.83	N21 34.12	354 36.89	06.69	S25 03.35	00.03	57.36
03	291 28.23	190 11.25	N24 48.60	201 00.59	N24 24.94	184 04.98	N22 43.40	215 28.54	N21 30.29	225 40.75	N21 34.51	009 02.58	06.74	S25 03.38	00.12	57.33
04	306 30.70	205 10.44	N24 48.43	216 01.25	N24 24.95	199 06.91	N22 43.34	230 30.66	N21 30.32	240 40.67	N21 34.90	023 28.32	06.79	S25 03.26	00.27	57.30
05	321 33.16	220 09.63	N24 48.26	231 01.91	N24 24.95	214 08.84	N22 43.29	245 32.78	N21 30.36	255 40.59	N21 35.29	037 54.10	06.83	S25 02.99	00.42	57.26
06	336 35.63	235 08.83	N24 48.08	246 02.56	N24 24.96	229 10.77	N22 43.23	260 34.90	N21 30.39	270 40.51	N21 35.68	052 19.94	06.88	S25 02.57	00.57	57.23
07	351 38.09	250 08.02	N24 47.90	261 03.22	N24 24.96	244 12.70	N22 43.18	275 37.02	N21 30.42	285 40.43	N21 36.07	066 45.82	06.94	S25 02.01	00.72	57.20
08	006 40.56	265 07.21	N24 47.72	276 03.88	N24 24.97	259 14.63	N22 43.12	290 39.14	N21 30.46	300 40.34	N21 36.46	081 11.76	06.99	S25 01.29	00.86	57.16
09	021 43.02	280 06.40	N24 47.54	291 04.53	N24 24.97	274 16.56	N22 43.06	305 41.26	N21 30.49	315 40.26	N21 36.84	095 37.75	07.04	S25 00.43	01.01	57.13
10	036 45.48	295 05.59	N24 47.36	306 05.19	N24 24.98	289 18.49	N22 43.01	320 43.38	N21 30.53	330 40.18	N21 37.23	110 03.79	07.10	S24 59.42	01.16	57.10
11	051 47.95	310 04.79	N24 47.18	321 05.85	N24 24.98	304 20.42	N22 42.95	335 45.50	N21 30.56	345 40.10	N21 37.62	124 29.89	07.16	S24 58.26	01.30	57.06
12	066 50.41	325 03.98	N24 47.00	336 06.50	N24 24.98	319 22.35	N22 42.90	350 47.62	N21 30.60	000 40.02	N21 38.00	138 56.05	07.22	S24 56.96	01.45	57.03
13	081 52.88	340 03.17	N24 46.81	351 07.16	N24 24.98	334 24.28	N22 42.84	005 49.74	N21 30.63	015 39.94	N21 38.39	153 22.26	07.27	S24 55.51	01.59	57.00
14	096 55.34	355 02.37	N24 46.63	006 07.82	N24 24.99	349 26.21	N22 42.78	020 51.86	N21 30.67	030 39.86	N21 38.77	167 48.54	07.34	S24 53.92	01.73	56.96
15	111 57.81	010 01.56	N24 46.44	021 08.47	N24 24.99	004 28.14	N22 42.73	035 53.98	N21 30.70	045 39.77	N21 39.15	182 14.87	07.40	S24 52.19	01.88	56.93
16	127 00.27	025 00.76	N24 46.25	036 09.13	N24 24.99	019 30.07	N22 42.67	050 56.10	N21 30.74	060 39.69	N21 39.54	196 41.27	07.46	S24 50.31	02.02	56.90
17	142 02.73	039 59.95	N24 46.06	051 09.79	N24 24.99	034 32.00	N22 42.61	065 58.22	N21 30.77	075 39.61	N21 39.92	211 07.73	07.53	S24 48.30	02.16	56.86
18	157 05.20	054 59.15	N24 45.87	066 10.45	N24 24.99	049 33.93	N22 42.56	081 00.34	N21 30.81	090 39.53	N21 40.30	225 34.26	07.59	S24 46.14	02.30	56.83
19	172 07.66	069 58.34	N24 45.68	081 11.10	N24 24.99	064 35.86	N22 42.50	096 02.46	N21 30.84	105 39.44	N21 40.68	240 00.85	07.66	S24 43.84	02.44	56.80
20	187 10.13	084 57.54	N24 45.49	096 11.76	N24 24.99	079 37.79	N22 42.44	111 04.58	N21 30.88	120 39.36	N21 41.06	254 27.51	07.73	S24 41.41	02.57	56.77
21	202 12.59	099 56.73	N24 45.29	111 12.42	N24 24.99	094 39.71	N22 42.39	126 06.70	N21 30.91	135 39.28	N21 41.44	268 54.24	07.80	S24 38.83	02.71	56.73
22	217 15.05	114 55.93	N24 45.10	126 13.08	N24 24.99	109 41.64	N22 42.33	141 08.82	N21 30.95	150 39.19	N21 41.82	283 21.03	07.87	S24 36.12	02.85	56.70
23	232 17.52	129 55.12	N24 44.90	141 13.73	N24 24.99	124 43.57	N22 42.27	156 10.94	N21 30.98	165 39.11	N21 42.20	297 47.90	07.94	S24 33.27	02.98	56.67
30 00	247 19.98	144 54.32	N24 44.70	156 14.39	N24 24.99	139 45.50	N22 42.22	171 13.06	N21 31.01	180 39.03	N21 42.58	312 14.84	08.01	S24 30.29	03.12	56.64
01	262 22.45	159 53.52	N24 44.50	171 15.05	N24 24.99	154 47.43	N22 42.16	186 15.18	N21 31.05	195 38.94	N21 42.95	326 41.85	08.08	S24 27.17	03.25	56.60
02	277 24.91	174 52.71	N24 44.30	186 15.71	N24 24.99	169 49.36	N22 42.10	201 17.30	N21 31.08	210 38.86	N21 43.33	341 08.93	08.16	S24 23.92	03.38	56.57
03	292 27.38	189 51.91	N24 44.10	201 16.36	N24 24.98	184 51.28	N22 42.05	216 19.42	N21 31.12	225 38.77	N21 43.71	355 36.08	08.23	S24 20.53	03.52	56.54
04	307 29.84	204 51.11	N24 43.90	216 17.02	N24 24.98	199 53.21	N22 41.99	231 21.54	N21 31.15	240 38.69	N21 44.08	010 03.32	08.31	S24 17.02	03.65	56.51
05	322 32.30	219 50.31	N24 43.69	231 17.68	N24 24.98	214 55.14	N22 41.93	246 23.66	N21 31.19	255 38.61	N21 44.46	024 30.62	08.38	S24 13.37	03.78	56.47
06	337 34.77	234 49.51	N24 43.49	246 18.34	N24 24.97	229 57.07	N22 41.88	261 25.78	N21 31.22	270 38.52	N21 44.83	038 58.01	08.46	S24 09.59	03.90	56.44
07	352 37.23	249 48.71	N24 43.28	261 19.00	N24 24.97	244 59.00	N22 41.82	276 27.89	N21 31.26	285 38.43	N21 45.20	053 25.47	08.54	S24 05.69	04.03	56.41
08	007 39.70	264 47.90	N24 43.07	276 19.65	N24 24.97	260 00.92	N22 41.76	291 30.01	N21 31.29	300 38.35	N21 45.57	067 53.01	08.62	S24 01.66	04.16	56.38
09	022 42.16	279 47.10	N24 42.87	291 20.31	N24 24.96	275 02.85	N22 41.70	306 32.13	N21 31.33	315 38.26	N21 45.95	082 20.62	08.70	S23 57.50	04.29	56.35
10	037 44.62	294 46.30	N24 42.66	306 20.97	N24 24.96	290 04.78	N22 41.65	321 34.25	N21 31.36	330 38.18	N21 46.32	096 48.32	08.78	S23 53.21	04.41	56.32
11	052 47.09	309 45.50	N24 42.44	321 21.63	N24 24.95	305 06.71	N22 41.59	336 36.37	N21 31.39	345 38.09	N21 46.69	111 16.10	08.86	S23 48.80	04.53	56.29
12	067 49.55	324 44.70	N24 42.23	336 22.29	N24 24.95	320 08.63	N22 41.53	351 38.49	N21 31.43	000 38.01	N21 47.06	125 43.96	08.94	S23 44.27	04.66	56.25
13	082 52.02	339 43.90	N24 42.02	351 22.94	N24 24.94	335 10.56	N22 41.48	006 40.61	N21 31.46	015 37.92	N21 47.43	140 11.90	09.02	S23 39.61	04.78	56.22
14	097 54.48	354 43.10	N24 41.80	006 23.60	N24 24.93	350 12.49	N22 41.42	021 42.73	N21 31.50	030 37.83	N21 47.80	154 39.92	09.11	S23 34.84	04.90	56.19
15	112 56.95	009 42.31	N24 41.59	021 24.26	N24 24.93	005 14.41	N22 41.36	036 44.85	N21 31.53	045 37.75	N21 48.16	169 08.03	09.19	S23 29.94	05.02	56.16
16	127 59.41	024 41.51	N24 41.37	036 24.92	N24 24.92	020 16.34	N22 41.30	051 46.97	N21 31.57	060 37.66	N21 48.53	183 36.22	09.27	S23 24.92	05.14	56.13
17	143 01.87	039 40.71	N24 41.15	051 25.58	N24 24.91	035 18.27	N22 41.25	066 49.09	N21 31.60	075 37.57	N21 48.90	198 04.49	09.36	S23 19.79	05.25	56.10
18	158 04.34	054 39.91	N24 40.93	066 26.24	N24 24.91	050 20.19	N22 41.19	081 51.21	N21 31.64	090 37.49	N21 49.26	212 32.84	09.44	S23 14.53	05.37	56.07
19	173 06.80	069 39.11	N24 40.71	081 26.89	N24 24.90	065 22.12	N22 41.13	096 53.32	N21 31.67	105 37.40	N21 49.63	227 01.29	09.53	S23 09.16	05.48	56.04
20	188 09.27	084 38.32	N24 40.49	096 27.55	N24 24.89	080 24.05	N22 41.07	111 55.44	N21 31.70	120 37.31	N21 49.99	241 29.81	09.61	S23 03.68	05.60	56.01
21	203 11.73	099 37.52	N24 40.27	111 28.21	N24 24.88	095 25.97	N22 41.02	126 57.56	N21 31.74	135 37.22	N21 50.36	255 58.42	09.70	S22 58.08	05.71	55.98
22	218 14.20	114 36.72	N24 40.04	126 28.87	N24 24.87	110 27.90	N22 40.96	141 59.68	N21 31.77	150 37.13	N21 50.72	270 27.12	09.78	S22 52.37	05.82	55.95
23	233 16.66	129 35.93	N24 39.82	141 29.53	N24 24.86	125 29.83	N22 40.90	157 01.80	N21 31.81	165 37.05	N21 51.08	284 55.90	09.87	S22 46.55	05.93	55.92
		v -0.80	d 0.20	v 0.66	d 0.00	v 1.93	d 0.06	v 2.12	d 0.03	v -0.08	d 0.38	SD	15.54	15.33		
		HP 0.11		HP 0.06						SD 15.78	HP 0.14					

Friday May 31, 2002 through Saturday June 01, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
31 00	248 19.12	144 35.13	N24 39.59	156 30.19	N24 24.85	140 31.75	N22 40.84	172 03.92	N21 31.84	180 36.96	N21 51.45	299 24.77	09.96	S22 40.61	06.04	55.89
01	263 21.59	159 34.33	N24 39.36	171 30.85	N24 24.84	155 33.68	N22 40.79	187 06.04	N21 31.88	195 36.87	N21 51.81	313 53.72	10.04	S22 34.57	06.15	55.86
02	278 24.05	174 33.54	N24 39.13	186 31.51	N24 24.83	170 35.60	N22 40.73	202 08.16	N21 31.91	210 36.78	N21 52.17	328 22.77	10.13	S22 28.41	06.26	55.83
03	293 26.52	189 32.74	N24 38.90	201 32.17	N24 24.82	185 37.53	N22 40.67	217 10.28	N21 31.94	225 36.69	N21 52.53	342 51.89	10.22	S22 22.15	06.37	55.81
04	308 28.98	204 31.95	N24 38.67	216 32.82	N24 24.81	200 39.46	N22 40.61	232 12.40	N21 31.98	240 36.60	N21 52.89	357 21.11	10.30	S22 15.79	06.47	55.78
05	323 31.44	219 31.15	N24 38.44	231 33.48	N24 24.80	215 41.38	N22 40.55	247 14.51	N21 32.01	255 36.51	N21 53.25	011 50.41	10.39	S22 09.32	06.58	55.75
06	338 33.91	234 30.36	N24 38.20	246 34.14	N24 24.79	230 43.31	N22 40.50	262 16.63	N21 32.05	270 36.42	N21 53.60	026 19.80	10.48	S22 02.74	06.68	55.72
07	353 36.37	249 29.57	N24 37.97	261 34.80	N24 24.78	245 45.23	N22 40.44	277 18.75	N21 32.08	285 36.33	N21 53.96	040 49.28	10.56	S21 56.06	06.78	55.69
08	008 38.84	264 28.77	N24 37.73	276 35.46	N24 24.76	260 47.16	N22 40.38	292 20.87	N21 32.11	300 36.24	N21 54.32	055 18.84	10.65	S21 49.28	06.88	55.67
09	023 41.30	279 27.98	N24 37.49	291 36.12	N24 24.75	275 49.08	N22 40.32	307 22.99	N21 32.15	315 36.15	N21 54.67	069 48.50	10.74	S21 42.40	06.98	55.64
10	038 43.77	294 27.19	N24 37.25	306 36.78	N24 24.74	290 51.01	N22 40.26	322 25.11	N21 32.18	330 36.06	N21 55.03	084 18.24	10.83	S21 35.41	07.08	55.61
11	053 46.23	309 26.39	N24 37.01	321 37.44	N24 24.72	305 52.93	N22 40.21	337 27.23	N21 32.22	345 35.97	N21 55.38	098 48.06	10.91	S21 28.33	07.18	55.58
12	068 48.69	324 25.60	N24 36.77	336 38.10	N24 24.71	320 54.86	N22 40.15	352 29.35	N21 32.25	000 35.88	N21 55.74	113 17.98	11.00	S21 21.15	07.28	55.56
13	083 51.16	339 24.81	N24 36.53	351 38.76	N24 24.70	335 56.78	N22 40.09	007 31.46	N21 32.29	015 35.79	N21 56.09	127 47.98	11.09	S21 13.88	07.37	55.53
14	098 53.62	354 24.02	N24 36.29	006 39.42	N24 24.68	350 58.71	N22 40.03	022 33.58	N21 32.32	030 35.70	N21 56.44	142 18.06	11.17	S21 06.50	07.47	55.50
15	113 56.09	009 23.23	N24 36.04	021 40.08	N24 24.67	006 00.63	N22 39.97	037 35.70	N21 32.35	045 35.61	N21 56.80	156 48.24	11.26	S20 59.04	07.56	55.48
16	128 58.55	024 22.44	N24 35.79	036 40.74	N24 24.65	021 02.55	N22 39.91	052 37.82	N21 32.39	060 35.52	N21 57.15	171 18.50	11.35	S20 51.48	07.65	55.45
17	144 01.01	039 21.65	N24 35.55	051 41.40	N24 24.63	036 04.48	N22 39.86	067 39.94	N21 32.42	075 35.43	N21 57.50	185 48.85	11.43	S20 43.83	07.74	55.42
18	159 03.48	054 20.86	N24 35.30	066 42.06	N24 24.62	051 06.40	N22 39.80	082 42.06	N21 32.46	090 35.33	N21 57.85	200 19.28	11.52	S20 36.08	07.83	55.40
19	174 05.94	069 20.07	N24 35.05	081 42.72	N24 24.60	066 08.33	N22 39.74	097 44.18	N21 32.49	105 35.24	N21 58.20	214 49.80	11.61	S20 28.25	07.92	55.37
20	189 08.41	084 19.28	N24 34.80	096 43.38	N24 24.59	081 10.25	N22 39.68	112 46.29	N21 32.52	120 35.15	N21 58.55	229 20.41	11.69	S20 20.33	08.01	55.35
21	204 10.87	099 18.49	N24 34.55	111 44.04	N24 24.57	096 12.17	N22 39.62	127 48.41	N21 32.56	135 35.06	N21 58.89	243 51.10	11.78	S20 12.31	08.10	55.32
22	219 13.33	114 17.70	N24 34.29	126 44.70	N24 24.55	111 14.10	N22 39.56	142 50.53	N21 32.59	150 34.96	N21 59.24	258 21.88	11.86	S20 04.22	08.18	55.30
23	234 15.80	129 16.91	N24 34.04	141 45.36	N24 24.53	126 16.02	N22 39.50	157 52.65	N21 32.63	165 34.87	N21 59.59	272 52.74	11.95	S19 56.03	08.27	55.27
01 00	249 18.26	144 16.12	N24 33.78	156 46.02	N24 24.52	141 17.95	N22 39.45	172 54.77	N21 32.66	180 34.78	N21 59.94	287 23.69	12.03	S19 47.76	08.35	55.25
01	264 20.73	159 15.34	N24 33.53	171 46.68	N24 24.50	156 19.87	N22 39.39	187 56.89	N21 32.69	195 34.69	N22 00.28	301 54.72	12.11	S19 39.41	08.44	55.23
02	279 23.19	174 14.55	N24 33.27	186 47.34	N24 24.48	171 21.79	N22 39.33	202 59.01	N21 32.73	210 34.59	N22 00.63	316 25.83	12.20	S19 30.97	08.52	55.20
03	294 25.66	189 13.76	N24 33.01	201 48.00	N24 24.46	186 23.72	N22 39.27	218 01.12	N21 32.76	225 34.50	N22 00.97	330 57.03	12.28	S19 22.45	08.60	55.18
04	309 28.12	204 12.97	N24 32.75	216 48.66	N24 24.44	201 25.64	N22 39.21	233 03.24	N21 32.80	240 34.41	N22 01.31	345 28.31	12.36	S19 13.85	08.68	55.16
05	324 30.58	219 12.19	N24 32.49	231 49.32	N24 24.42	216 27.56	N22 39.15	248 05.36	N21 32.83	255 34.31	N22 01.66	359 59.67	12.45	S19 05.17	08.76	55.13
06	339 33.05	234 11.40	N24 32.22	246 49.98	N24 24.40	231 29.48	N22 39.09	263 07.48	N21 32.86	270 34.22	N22 02.00	014 31.12	12.53	S18 56.42	08.84	55.11
07	354 35.51	249 10.62	N24 31.96	261 50.64	N24 24.38	246 31.41	N22 39.03	278 09.60	N21 32.90	285 34.12	N22 02.34	029 02.65	12.61	S18 47.58	08.91	55.09
08	009 37.98	264 09.83	N24 31.69	276 51.30	N24 24.36	261 33.33	N22 38.97	293 11.72	N21 32.93	300 34.03	N22 02.68	043 34.25	12.69	S18 38.67	08.99	55.07
09	024 40.44	279 09.05	N24 31.43	291 51.96	N24 24.34	276 35.25	N22 38.91	308 13.83	N21 32.96	315 33.93	N22 03.02	058 05.94	12.77	S18 29.68	09.06	55.04
10	039 42.90	294 08.26	N24 31.16	306 52.62	N24 24.32	291 37.18	N22 38.86	323 15.95	N21 33.00	330 33.84	N22 03.36	072 37.71	12.85	S18 20.61	09.14	55.02
11	054 45.37	309 07.48	N24 30.89	321 53.28	N24 24.29	306 39.10	N22 38.80	338 18.07	N21 33.03	345 33.75	N22 03.70	087 09.56	12.93	S18 11.47	09.21	55.00
12	069 47.83	324 06.69	N24 30.62	336 53.94	N24 24.27	321 41.02	N22 38.74	353 20.19	N21 33.07	000 33.65	N22 04.04	101 41.49	13.01	S18 02.26	09.28	54.98
13	084 50.30	339 05.91	N24 30.35	351 54.60	N24 24.25	336 42.94	N22 38.68	008 22.31	N21 33.10	015 33.55	N22 04.37	116 13.49	13.08	S17 52.98	09.35	54.96
14	099 52.76	354 05.13	N24 30.08	006 55.27	N24 24.23	351 44.86	N22 38.62	023 24.42	N21 33.13	030 33.46	N22 04.71	130 45.57	13.16	S17 43.62	09.42	54.94
15	114 55.23	009 04.34	N24 29.80	021 55.93	N24 24.20	006 46.79	N22 38.56	038 26.54	N21 33.17	045 33.36	N22 05.05	145 17.74	13.24	S17 34.20	09.49	54.92
16	129 57.69	024 03.56	N24 29.53	036 56.59	N24 24.18	021 48.71	N22 38.50	053 28.66	N21 33.20	060 33.27	N22 05.38	159 49.97	13.31	S17 24.70	09.56	54.90
17	145 00.15	039 02.78	N24 29.25	051 57.25	N24 24.16	036 50.63	N22 38.44	068 30.78	N21 33.23	075 33.17	N22 05.72	174 22.29	13.39	S17 15.14	09.63	54.88
18	160 02.62	054 02.00	N24 28.98	066 57.91	N24 24.13	051 52.55	N22 38.38	083 32.90	N21 33.27	090 33.08	N22 06.05	188 54.67	13.46	S17 05.51	09.70	54.86
19	175 05.08	069 01.22	N24 28.70	081 58.57	N24 24.11	066 54.47	N22 38.32	098 35.02	N21 33.30	105 32.98	N22 06.39	203 27.14	13.54	S16 55.82	09.76	54.84
20	190 07.55	084 00.43	N24 28.42	096 59.23	N24 24.08	081 56.40	N22 38.26	113 37.13	N21 33.34	120 32.88	N22 06.72	217 59.67	13.61	S16 46.05	09.83	54.82
21	205 10.01	098 59.65	N24 28.14	111 59.89	N24 24.06	096 58.32	N22 38.20	128 39.25	N21 33.37	135 32.79	N22 07.05	232 32.28	13.68	S16 36.23	09.89	54.80
22	220 12.47	113 58.87	N24 27.86	127 00.56	N24 24.03	112 00.24	N22 38.14	143 41.37	N21 33.40	150 32.69	N22 07.38	247 04.96	13.75	S16 26.34	09.95	54.78
23	235 14.94	128 58.09	N24 27.57	142 01.22	N24 24.00	127 02.16	N22 38.08	158 43.49	N21 33.44	165 32.59	N22 07.71	261 37.72	13.83	S16 16.39	10.01	54.76
		v -0.79	d 0.26	v 0.66	d 0.02	v 1.92	d 0.06	v 2.12	d 0.03	v -0.09	d 0.35	SD	15.14	14.98		
		HP 0.11		HP 0.06						SD 15.77	HP 0.14					

Sunday June 02, 2002 through Monday June 03, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
02 00	250 17.40	143 57.31	N24 27.29	157 01.88	N24 23.98	142 04.08	N22 38.02	173 45.61	N21 33.47	180 32.50	N22 08.04	276 10.54	13.90	S16 06.37	10.08	54.75
01	265 19.87	158 56.53	N24 27.00	172 02.54	N24 23.95	157 06.00	N22 37.96	188 47.72	N21 33.50	195 32.40	N22 08.37	290 43.44	13.97	S15 56.29	10.14	54.73
02	280 22.33	173 55.76	N24 26.72	187 03.20	N24 23.92	172 07.92	N22 37.90	203 49.84	N21 33.54	210 32.30	N22 08.70	305 16.40	14.03	S15 46.16	10.20	54.71
03	295 24.79	188 54.98	N24 26.43	202 03.86	N24 23.90	187 09.84	N22 37.84	218 51.96	N21 33.57	225 32.20	N22 09.03	319 49.44	14.10	S15 35.96	10.25	54.69
04	310 27.26	203 54.20	N24 26.14	217 04.53	N24 23.87	202 11.76	N22 37.78	233 54.08	N21 33.60	240 32.10	N22 09.36	334 22.54	14.17	S15 25.71	10.31	54.68
05	325 29.72	218 53.42	N24 25.85	232 05.19	N24 23.84	217 13.68	N22 37.72	248 56.20	N21 33.64	255 32.01	N22 09.68	348 55.71	14.24	S15 15.40	10.37	54.66
06	340 32.19	233 52.64	N24 25.56	247 05.85	N24 23.81	232 15.60	N22 37.66	263 58.31	N21 33.67	270 31.91	N22 10.01	003 28.94	14.30	S15 05.03	10.42	54.64
07	355 34.65	248 51.87	N24 25.27	262 06.51	N24 23.78	247 17.53	N22 37.60	279 00.43	N21 33.70	285 31.81	N22 10.34	018 02.25	14.37	S14 54.61	10.48	54.63
08	010 37.11	263 51.09	N24 24.97	277 07.17	N24 23.75	262 19.45	N22 37.54	294 02.55	N21 33.74	300 31.71	N22 10.66	032 35.61	14.43	S14 44.13	10.53	54.61
09	025 39.58	278 50.31	N24 24.68	292 07.84	N24 23.72	277 21.37	N22 37.48	309 04.67	N21 33.77	315 31.61	N22 10.98	047 09.04	14.49	S14 33.60	10.59	54.60
10	040 42.04	293 49.54	N24 24.38	307 08.50	N24 23.69	292 23.29	N22 37.42	324 06.78	N21 33.80	330 31.51	N22 11.31	061 42.54	14.56	S14 23.01	10.64	54.58
11	055 44.51	308 48.76	N24 24.08	322 09.16	N24 23.66	307 25.21	N22 37.36	339 08.90	N21 33.84	345 31.41	N22 11.63	076 16.09	14.62	S14 12.37	10.69	54.57
12	070 46.97	323 47.99	N24 23.78	337 09.82	N24 23.63	322 27.13	N22 37.30	354 11.02	N21 33.87	000 31.32	N22 11.95	090 49.71	14.68	S14 01.68	10.74	54.55
13	085 49.44	338 47.21	N24 23.48	352 10.48	N24 23.60	337 29.05	N22 37.24	009 13.14	N21 33.91	015 31.22	N22 12.27	105 23.39	14.74	S13 50.94	10.79	54.54
14	100 51.90	353 46.44	N24 23.18	007 11.15	N24 23.57	352 30.97	N22 37.18	024 15.26	N21 33.94	030 31.12	N22 12.59	119 57.12	14.80	S13 40.15	10.84	54.52
15	115 54.36	008 45.66	N24 22.88	022 11.81	N24 23.54	007 32.89	N22 37.12	039 17.37	N21 33.97	045 31.02	N22 12.91	134 30.92	14.86	S13 29.31	10.89	54.51
16	130 56.83	023 44.89	N24 22.58	037 12.47	N24 23.51	022 34.80	N22 37.06	054 19.49	N21 34.01	060 30.92	N22 13.23	149 04.78	14.91	S13 18.42	10.94	54.50
17	145 59.29	038 44.12	N24 22.27	052 13.13	N24 23.48	037 36.72	N22 37.00	069 21.61	N21 34.04	075 30.82	N22 13.55	163 38.69	14.97	S13 07.48	10.98	54.48
18	161 01.76	053 43.34	N24 21.97	067 13.80	N24 23.44	052 38.64	N22 36.94	084 23.73	N21 34.07	090 30.72	N22 13.87	178 12.66	15.02	S12 56.50	11.03	54.47
19	176 04.22	068 42.57	N24 21.66	082 14.46	N24 23.41	067 40.56	N22 36.88	099 25.84	N21 34.11	105 30.62	N22 14.19	192 46.68	15.08	S12 45.47	11.08	54.46
20	191 06.68	083 41.80	N24 21.35	097 15.12	N24 23.38	082 42.48	N22 36.82	114 27.96	N21 34.14	120 30.51	N22 14.51	207 20.76	15.13	S12 34.39	11.12	54.45
21	206 09.15	098 41.03	N24 21.05	112 15.79	N24 23.34	097 44.40	N22 36.76	129 30.08	N21 34.17	135 30.41	N22 14.82	221 54.89	15.19	S12 23.27	11.16	54.43
22	221 11.61	113 40.26	N24 20.74	127 16.45	N24 23.31	112 46.32	N22 36.70	144 32.20	N21 34.21	150 30.31	N22 15.14	236 29.08	15.24	S12 12.11	11.21	54.42
23	236 14.08	128 39.49	N24 20.42	142 17.11	N24 23.27	127 48.24	N22 36.64	159 34.31	N21 34.24	165 30.21	N22 15.45	251 03.32	15.29	S12 00.90	11.25	54.41
03 00	251 16.54	143 38.72	N24 20.11	157 17.77	N24 23.24	142 50.16	N22 36.58	174 36.43	N21 34.27	180 30.11	N22 15.77	265 37.60	15.34	S11 49.65	11.29	54.40
01	266 19.00	158 37.95	N24 19.80	172 18.44	N24 23.20	157 52.08	N22 36.52	189 38.55	N21 34.30	195 30.01	N22 16.08	280 11.94	15.39	S11 38.36	11.33	54.39
02	281 21.47	173 37.18	N24 19.48	187 19.10	N24 23.17	172 54.00	N22 36.45	204 40.67	N21 34.34	210 29.91	N22 16.39	294 46.33	15.44	S11 27.02	11.37	54.38
03	296 23.93	188 36.41	N24 19.17	202 19.76	N24 23.13	187 55.91	N22 36.39	219 42.78	N21 34.37	225 29.81	N22 16.70	309 20.77	15.48	S11 15.65	11.41	54.37
04	311 26.40	203 35.64	N24 18.85	217 20.43	N24 23.10	202 57.83	N22 36.33	234 44.90	N21 34.40	240 29.70	N22 17.01	323 55.25	15.53	S11 04.24	11.45	54.36
05	326 28.86	218 34.87	N24 18.53	232 21.09	N24 23.06	217 59.75	N22 36.27	249 47.02	N21 34.44	255 29.60	N22 17.33	338 29.78	15.57	S10 52.79	11.49	54.35
06	341 31.32	233 34.10	N24 18.21	247 21.75	N24 23.02	233 01.67	N22 36.21	264 49.14	N21 34.47	270 29.50	N22 17.64	353 04.35	15.62	S10 41.30	11.53	54.34
07	356 33.79	248 33.33	N24 17.89	262 22.42	N24 22.99	248 03.59	N22 36.15	279 51.25	N21 34.50	285 29.40	N22 17.94	007 38.97	15.66	S10 29.77	11.56	54.33
08	011 36.25	263 32.57	N24 17.57	277 23.08	N24 22.95	263 05.50	N22 36.09	294 53.37	N21 34.54	300 29.29	N22 18.25	022 13.63	15.70	S10 18.21	11.60	54.32
09	026 38.72	278 31.80	N24 17.24	292 23.74	N24 22.91	278 07.42	N22 36.03	309 55.49	N21 34.57	315 29.19	N22 18.56	036 48.34	15.75	S10 06.61	11.63	54.31
10	041 41.18	293 31.03	N24 16.92	307 24.41	N24 22.87	293 09.34	N22 35.97	324 57.61	N21 34.60	330 29.09	N22 18.87	051 23.08	15.79	S09 54.98	11.67	54.31
11	056 43.65	308 30.27	N24 16.59	322 25.07	N24 22.83	308 11.26	N22 35.91	339 59.72	N21 34.64	345 28.98	N22 19.18	065 57.87	15.83	S09 43.31	11.70	54.30
12	071 46.11	323 29.50	N24 16.27	337 25.74	N24 22.80	323 13.18	N22 35.84	355 01.84	N21 34.67	000 28.88	N22 19.48	080 32.70	15.87	S09 31.60	11.74	54.29
13	086 48.57	338 28.74	N24 15.94	352 26.40	N24 22.76	338 15.09	N22 35.78	010 03.96	N21 34.70	015 28.78	N22 19.79	095 07.56	15.90	S09 19.87	11.77	54.28
14	101 51.04	353 27.97	N24 15.61	007 27.06	N24 22.72	353 17.01	N22 35.72	025 06.08	N21 34.74	030 28.67	N22 20.09	109 42.47	15.94	S09 08.10	11.80	54.28
15	116 53.50	008 27.21	N24 15.28	022 27.73	N24 22.68	008 18.93	N22 35.66	040 08.19	N21 34.77	045 28.57	N22 20.40	124 17.41	15.98	S08 56.30	11.83	54.27
16	131 55.97	023 26.44	N24 14.95	037 28.39	N24 22.64	023 20.85	N22 35.60	055 10.31	N21 34.80	060 28.47	N22 20.70	138 52.38	16.01	S08 44.47	11.86	54.26
17	146 58.43	038 25.68	N24 14.62	052 29.05	N24 22.60	038 22.76	N22 35.54	070 12.43	N21 34.83	075 28.36	N22 21.00	153 27.39	16.04	S08 32.61	11.89	54.26
18	162 00.89	053 24.92	N24 14.28	067 29.72	N24 22.55	053 24.68	N22 35.48	085 14.55	N21 34.87	090 28.26	N22 21.30	168 02.44	16.08	S08 20.71	11.92	54.25
19	177 03.36	068 24.15	N24 13.95	082 30.38	N24 22.51	068 26.60	N22 35.41	100 16.66	N21 34.90	105 28.15	N22 21.60	182 37.51	16.11	S08 08.79	11.95	54.25
20	192 05.82	083 23.39	N24 13.61	097 31.05	N24 22.47	083 28.51	N22 35.35	115 18.78	N21 34.93	120 28.05	N22 21.90	197 12.62	16.14	S07 56.84	11.98	54.24
21	207 08.29	098 22.63	N24 13.28	112 31.71	N24 22.43	098 30.43	N22 35.29	130 20.90	N21 34.97	135 27.94	N22 22.20	211 47.76	16.17	S07 44.87	12.00	54.24
22	222 10.75	113 21.87	N24 12.94	127 32.38	N24 22.39	113 32.35	N22 35.23	145 23.01	N21 35.00	150 27.84	N22 22.50	226 22.93	16.20	S07 32.86	12.03	54.23
23	237 13.21	128 21.10	N24 12.60	142 33.04	N24 22.34	128 34.26	N22 35.17	160 25.13	N21 35.03	165 27.73	N22 22.80	240 58.13	16.23	S07 20.83	12.06	54.23
		v -0.77	d 0.31	v 0.66	d 0.04	v 1.92	d 0.06	v 2.12	d 0.03	v -0.10	d 0.31	SD	14.87	14.79		
		HP 0.11		HP 0.06						SD 15.77	HP 0.14					

Tuesday June 04, 2002 through Wednesday June 05, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
04 00	252 15.68	143 20.34	N24 12.26	157 33.71	N24 22.30	143 36.18	N22 35.11	175 27.25	N21 35.06	180 27.63	N22 23.10	255 33.36	16.25	S07 08.77	12.08	54.23
01	267 18.14	158 19.58	N24 11.91	172 34.37	N24 22.26	158 38.10	N22 35.04	190 29.37	N21 35.10	195 27.52	N22 23.40	270 08.61	16.28	S06 56.69	12.11	54.22
02	282 20.61	173 18.82	N24 11.57	187 35.03	N24 22.21	173 40.01	N22 34.98	205 31.48	N21 35.13	210 27.42	N22 23.69	284 43.89	16.30	S06 44.58	12.13	54.22
03	297 23.07	188 18.06	N24 11.23	202 35.70	N24 22.17	188 41.93	N22 34.92	220 33.60	N21 35.16	225 27.31	N22 23.99	299 19.20	16.33	S06 32.45	12.15	54.22
04	312 25.53	203 17.30	N24 10.88	217 36.36	N24 22.13	203 43.85	N22 34.86	235 35.72	N21 35.20	240 27.20	N22 24.28	313 54.53	16.35	S06 20.30	12.18	54.21
05	327 28.00	218 16.55	N24 10.54	232 37.03	N24 22.08	218 45.76	N22 34.80	250 37.83	N21 35.23	255 27.10	N22 24.58	328 29.88	16.37	S06 08.12	12.20	54.21
06	342 30.46	233 15.79	N24 10.19	247 37.69	N24 22.04	233 47.68	N22 34.73	265 39.95	N21 35.26	270 26.99	N22 24.87	343 05.25	16.39	S05 55.92	12.22	54.21
07	357 32.93	248 15.03	N24 09.84	262 38.36	N24 21.99	248 49.59	N22 34.67	280 42.07	N21 35.29	285 26.89	N22 25.17	357 40.65	16.41	S05 43.70	12.24	54.21
08	012 35.39	263 14.27	N24 09.49	277 39.02	N24 21.94	263 51.51	N22 34.61	295 44.19	N21 35.33	300 26.78	N22 25.46	012 16.06	16.43	S05 31.46	12.26	54.21
09	027 37.86	278 13.52	N24 09.14	292 39.69	N24 21.90	278 53.43	N22 34.55	310 46.30	N21 35.36	315 26.67	N22 25.75	026 51.49	16.45	S05 19.19	12.28	54.21
10	042 40.32	293 12.76	N24 08.79	307 40.35	N24 21.85	293 55.34	N22 34.49	325 48.42	N21 35.39	330 26.57	N22 26.04	041 26.95	16.47	S05 06.91	12.30	54.20
11	057 42.78	308 12.00	N24 08.43	322 41.02	N24 21.80	308 57.26	N22 34.42	340 50.54	N21 35.43	345 26.46	N22 26.33	056 02.41	16.48	S04 54.61	12.32	54.20
12	072 45.25	323 11.25	N24 08.08	337 41.69	N24 21.76	323 59.17	N22 34.36	355 52.65	N21 35.46	000 26.35	N22 26.62	070 37.90	16.50	S04 42.29	12.34	54.20
13	087 47.71	338 10.49	N24 07.72	352 42.35	N24 21.71	339 01.09	N22 34.30	010 54.77	N21 35.49	015 26.24	N22 26.91	085 13.40	16.51	S04 29.95	12.35	54.20
14	102 50.18	353 09.74	N24 07.36	007 43.02	N24 21.66	354 03.00	N22 34.24	025 56.89	N21 35.52	030 26.14	N22 27.20	099 48.91	16.53	S04 17.60	12.37	54.20
15	117 52.64	008 08.98	N24 07.01	022 43.68	N24 21.61	009 04.92	N22 34.17	040 59.01	N21 35.56	045 26.03	N22 27.49	114 24.44	16.54	S04 05.23	12.39	54.20
16	132 55.10	023 08.23	N24 06.65	037 44.35	N24 21.56	024 06.83	N22 34.11	056 01.12	N21 35.59	060 25.92	N22 27.77	128 59.98	16.55	S03 52.84	12.40	54.21
17	147 57.57	038 07.47	N24 06.29	052 45.01	N24 21.52	039 08.75	N22 34.05	071 03.24	N21 35.62	075 25.81	N22 28.06	143 35.52	16.56	S03 40.44	12.42	54.21
18	163 00.03	053 06.72	N24 05.92	067 45.68	N24 21.47	054 10.66	N22 33.99	086 05.36	N21 35.65	090 25.70	N22 28.34	158 11.08	16.57	S03 28.03	12.43	54.21
19	178 02.50	068 05.97	N24 05.56	082 46.34	N24 21.42	069 12.58	N22 33.92	101 07.47	N21 35.69	105 25.60	N22 28.63	172 46.65	16.58	S03 15.59	12.44	54.21
20	193 04.96	083 05.22	N24 05.20	097 47.01	N24 21.37	084 14.49	N22 33.86	116 09.59	N21 35.72	120 25.49	N22 28.91	187 22.23	16.58	S03 03.15	12.46	54.21
21	208 07.42	098 04.46	N24 04.83	112 47.68	N24 21.32	099 16.41	N22 33.80	131 11.71	N21 35.75	135 25.38	N22 29.20	201 57.81	16.59	S02 50.69	12.47	54.21
22	223 09.89	113 03.71	N24 04.47	127 48.34	N24 21.27	114 18.32	N22 33.74	146 13.82	N21 35.78	150 25.27	N22 29.48	216 33.40	16.59	S02 38.23	12.48	54.22
23	238 12.35	128 02.96	N24 04.10	142 49.01	N24 21.22	129 20.23	N22 33.67	161 15.94	N21 35.82	165 25.16	N22 29.76	231 08.99	16.60	S02 25.75	12.49	54.22
05 00	253 14.82	143 02.21	N24 03.73	157 49.67	N24 21.16	144 22.15	N22 33.61	176 18.06	N21 35.85	180 25.05	N22 30.04	245 44.59	16.60	S02 13.25	12.50	54.22
01	268 17.28	158 01.46	N24 03.36	172 50.34	N24 21.11	159 24.06	N22 33.55	191 20.17	N21 35.88	195 24.94	N22 30.32	260 20.19	16.60	S02 00.75	12.51	54.23
02	283 19.74	173 00.71	N24 02.99	187 51.01	N24 21.06	174 25.98	N22 33.48	206 22.29	N21 35.91	210 24.83	N22 30.60	274 55.79	16.60	S01 48.24	12.52	54.23
03	298 22.21	187 59.96	N24 02.62	202 51.67	N24 21.01	189 27.89	N22 33.42	221 24.41	N21 35.95	225 24.72	N22 30.88	289 31.40	16.60	S01 35.72	12.53	54.23
04	313 24.67	202 59.21	N24 02.25	217 52.34	N24 20.95	204 29.81	N22 33.36	236 26.52	N21 35.98	240 24.61	N22 31.16	304 07.00	16.60	S01 23.19	12.54	54.24
05	328 27.14	217 58.46	N24 01.87	232 53.01	N24 20.90	219 31.72	N22 33.30	251 28.64	N21 36.01	255 24.50	N22 31.44	318 42.60	16.60	S01 10.65	12.54	54.24
06	343 29.60	232 57.72	N24 01.50	247 53.67	N24 20.85	234 33.63	N22 33.23	266 30.76	N21 36.04	270 24.39	N22 31.72	333 18.20	16.60	S00 58.11	12.55	54.25
07	358 32.06	247 56.97	N24 01.12	262 54.34	N24 20.79	249 35.55	N22 33.17	281 32.88	N21 36.08	285 24.28	N22 32.00	347 53.80	16.59	S00 45.56	12.56	54.25
08	013 34.53	262 56.22	N24 00.74	277 55.01	N24 20.74	264 37.46	N22 33.11	296 34.99	N21 36.11	300 24.17	N22 32.27	002 29.39	16.59	S00 33.00	12.56	54.26
09	028 36.99	277 55.47	N24 00.36	292 55.67	N24 20.69	279 39.37	N22 33.04	311 37.11	N21 36.14	315 24.06	N22 32.55	017 04.97	16.58	S00 20.44	12.57	54.26
10	043 39.46	292 54.73	N23 59.98	307 56.34	N24 20.63	294 41.29	N22 32.98	326 39.23	N21 36.17	330 23.95	N22 32.82	031 40.56	16.57	S00 07.87	12.57	54.27
11	058 41.92	307 53.98	N23 59.60	322 57.01	N24 20.58	309 43.20	N22 32.92	341 41.34	N21 36.21	345 23.84	N22 33.10	046 16.13	16.57	N00 04.70	12.57	54.28
12	073 44.39	322 53.24	N23 59.22	337 57.67	N24 20.52	324 45.11	N22 32.85	356 43.46	N21 36.24	000 23.73	N22 33.37	060 51.69	16.56	N00 17.27	12.58	54.28
13	088 46.85	337 52.49	N23 58.83	352 58.34	N24 20.46	339 47.03	N22 32.79	011 45.58	N21 36.27	015 23.62	N22 33.64	075 27.25	16.55	N00 29.85	12.58	54.29
14	103 49.31	352 51.75	N23 58.45	007 59.01	N24 20.41	354 48.94	N22 32.73	026 47.69	N21 36.30	030 23.51	N22 33.91	090 02.80	16.53	N00 42.43	12.58	54.30
15	118 51.78	007 51.00	N23 58.06	022 59.68	N24 20.35	009 50.85	N22 32.66	041 49.81	N21 36.33	045 23.40	N22 34.18	104 38.33	16.52	N00 55.01	12.58	54.30
16	133 54.24	022 50.26	N23 57.68	038 00.34	N24 20.29	024 52.77	N22 32.60	056 51.93	N21 36.37	060 23.29	N22 34.45	119 13.85	16.51	N01 07.59	12.58	54.31
17	148 56.71	037 49.52	N23 57.29	053 01.01	N24 20.24	039 54.68	N22 32.54	071 54.04	N21 36.40	075 23.18	N22 34.72	133 49.36	16.49	N01 20.17	12.58	54.32
18	163 59.17	052 48.77	N23 56.90	068 01.68	N24 20.18	054 56.59	N22 32.47	086 56.16	N21 36.43	090 23.06	N22 34.99	148 24.86	16.48	N01 32.75	12.58	54.33
19	179 01.63	067 48.03	N23 56.51	083 02.35	N24 20.12	069 58.50	N22 32.41	101 58.28	N21 36.46	105 22.95	N22 35.26	163 00.33	16.46	N01 45.33	12.58	54.33
20	194 04.10	082 47.29	N23 56.12	098 03.01	N24 20.06	085 00.42	N22 32.34	117 00.39	N21 36.50	120 22.84	N22 35.53	177 35.80	16.45	N01 57.91	12.58	54.34
21	209 06.56	097 46.55	N23 55.73	113 03.68	N24 20.01	100 02.33	N22 32.28	132 02.51	N21 36.53	135 22.73	N22 35.80	192 11.24	16.43	N02 10.49	12.57	54.35
22	224 09.03	112 45.81	N23 55.33	128 04.35	N24 19.95	115 04.24	N22 32.22	147 04.63	N21 36.56	150 22.61	N22 36.06	206 46.67	16.41	N02 23.06	12.57	54.36
23	239 11.49	127 45.07	N23 54.94	143 05.02	N24 19.89	130 06.15	N22 32.15	162 06.74	N21 36.59	165 22.50	N22 36.33	221 22.08	16.39	N02 35.63	12.57	54.37
		v -0.75	d 0.37	v 0.67	d 0.05	v 1.91	d 0.06	v 2.12	d 0.03	v -0.11	d 0.28	SD	14.77	14.79		
		HP 0.11		HP 0.06						SD 15.76	HP 0.14					

Thursday June 06, 2002 through Friday June 07, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
06 00	254 13.95	142 44.33	N23 54.54	158 05.68	N24 19.83	145 08.07	N22 32.09	177 08.86	N21 36.62	180 22.39	N22 36.59	235 57.47	16.37	N02 48.20	12.56	54.38
01	269 16.42	157 43.59	N23 54.14	173 06.35	N24 19.77	160 09.98	N22 32.03	192 10.98	N21 36.66	195 22.28	N22 36.86	250 32.83	16.34	N03 00.76	12.55	54.39
02	284 18.88	172 42.85	N23 53.74	188 07.02	N24 19.71	175 11.89	N22 31.96	207 13.09	N21 36.69	210 22.16	N22 37.12	265 08.18	16.32	N03 13.31	12.55	54.40
03	299 21.35	187 42.11	N23 53.35	203 07.69	N24 19.65	190 13.80	N22 31.90	222 15.21	N21 36.72	225 22.05	N22 37.39	279 43.50	16.30	N03 25.86	12.54	54.41
04	314 23.81	202 41.37	N23 52.94	218 08.36	N24 19.59	205 15.71	N22 31.83	237 17.33	N21 36.75	240 21.94	N22 37.65	294 18.79	16.27	N03 38.40	12.53	54.42
05	329 26.27	217 40.63	N23 52.54	233 09.02	N24 19.52	220 17.62	N22 31.77	252 19.44	N21 36.78	255 21.82	N22 37.91	308 54.07	16.25	N03 50.93	12.52	54.43
06	344 28.74	232 39.90	N23 52.14	248 09.69	N24 19.46	235 19.54	N22 31.71	267 21.56	N21 36.82	270 21.71	N22 38.17	323 29.31	16.22	N04 03.46	12.52	54.44
07	359 31.20	247 39.16	N23 51.74	263 10.36	N24 19.40	250 21.45	N22 31.64	282 23.67	N21 36.85	285 21.60	N22 38.43	338 04.53	16.19	N04 15.97	12.51	54.45
08	014 33.67	262 38.42	N23 51.33	278 11.03	N24 19.34	265 23.36	N22 31.58	297 25.79	N21 36.88	300 21.48	N22 38.69	352 39.72	16.16	N04 28.48	12.50	54.47
09	029 36.13	277 37.69	N23 50.92	293 11.70	N24 19.28	280 25.27	N22 31.51	312 27.91	N21 36.91	315 21.37	N22 38.95	007 14.88	16.13	N04 40.98	12.48	54.48
10	044 38.59	292 36.95	N23 50.52	308 12.37	N24 19.21	295 27.18	N22 31.45	327 30.02	N21 36.94	330 21.26	N22 39.21	021 50.01	16.10	N04 53.46	12.47	54.49
11	059 41.06	307 36.22	N23 50.11	323 13.04	N24 19.15	310 29.09	N22 31.38	342 32.14	N21 36.98	345 21.14	N22 39.46	036 25.11	16.07	N05 05.93	12.46	54.50
12	074 43.52	322 35.48	N23 49.70	338 13.70	N24 19.09	325 31.00	N22 31.32	357 34.26	N21 37.01	000 21.03	N22 39.72	051 00.17	16.03	N05 18.39	12.45	54.51
13	089 45.99	337 34.75	N23 49.29	353 14.37	N24 19.02	340 32.92	N22 31.26	012 36.37	N21 37.04	015 20.91	N22 39.98	065 35.21	16.00	N05 30.84	12.43	54.53
14	104 48.45	352 34.02	N23 48.88	008 15.04	N24 18.96	355 34.83	N22 31.19	027 38.49	N21 37.07	030 20.80	N22 40.23	080 10.21	15.96	N05 43.27	12.42	54.54
15	119 50.92	007 33.28	N23 48.46	023 15.71	N24 18.89	010 36.74	N22 31.13	042 40.61	N21 37.10	045 20.68	N22 40.49	094 45.17	15.93	N05 55.69	12.40	54.55
16	134 53.38	022 32.55	N23 48.05	038 16.38	N24 18.83	025 38.65	N22 31.06	057 42.72	N21 37.14	060 20.57	N22 40.74	109 20.10	15.89	N06 08.09	12.39	54.57
17	149 55.84	037 31.82	N23 47.63	053 17.05	N24 18.76	040 40.56	N22 31.00	072 44.84	N21 37.17	075 20.45	N22 40.99	123 54.99	15.85	N06 20.47	12.37	54.58
18	164 58.31	052 31.09	N23 47.22	068 17.72	N24 18.70	055 42.47	N22 30.93	087 46.96	N21 37.20	090 20.34	N22 41.25	138 29.84	15.81	N06 32.84	12.35	54.59
19	180 00.77	067 30.36	N23 46.80	083 18.39	N24 18.63	070 44.38	N22 30.87	102 49.07	N21 37.23	105 20.22	N22 41.50	153 04.65	15.77	N06 45.19	12.33	54.61
20	195 03.24	082 29.63	N23 46.38	098 19.06	N24 18.56	085 46.29	N22 30.80	117 51.19	N21 37.26	120 20.11	N22 41.75	167 39.43	15.73	N06 57.52	12.31	54.62
21	210 05.70	097 28.90	N23 45.96	113 19.73	N24 18.50	100 48.20	N22 30.74	132 53.31	N21 37.30	135 19.99	N22 42.00	182 14.16	15.69	N07 09.83	12.29	54.64
22	225 08.16	112 28.17	N23 45.54	128 20.40	N24 18.43	115 50.11	N22 30.67	147 55.42	N21 37.33	150 19.88	N22 42.25	196 48.85	15.65	N07 22.13	12.27	54.65
23	240 10.63	127 27.44	N23 45.12	143 21.07	N24 18.36	130 52.02	N22 30.61	162 57.54	N21 37.36	165 19.76	N22 42.50	211 23.50	15.60	N07 34.40	12.25	54.66
07 00	255 13.09	142 26.71	N23 44.69	158 21.73	N24 18.29	145 53.93	N22 30.54	177 59.65	N21 37.39	180 19.64	N22 42.75	225 58.10	15.56	N07 46.65	12.23	54.68
01	270 15.56	157 25.98	N23 44.27	173 22.40	N24 18.23	160 55.84	N22 30.48	193 01.77	N21 37.42	195 19.53	N22 43.00	240 32.66	15.51	N07 58.87	12.20	54.70
02	285 18.02	172 25.25	N23 43.84	188 23.07	N24 18.16	175 57.75	N22 30.42	208 03.89	N21 37.45	210 19.41	N22 43.24	255 07.18	15.47	N08 11.08	12.18	54.71
03	300 20.48	187 24.52	N23 43.42	203 23.74	N24 18.09	190 59.66	N22 30.35	223 06.00	N21 37.49	225 19.29	N22 43.49	269 41.64	15.42	N08 23.25	12.15	54.73
04	315 22.95	202 23.80	N23 42.99	218 24.41	N24 18.02	206 01.57	N22 30.29	238 08.12	N21 37.52	240 19.18	N22 43.74	284 16.06	15.37	N08 35.41	12.13	54.74
05	330 25.41	217 23.07	N23 42.56	233 25.08	N24 17.95	221 03.48	N22 30.22	253 10.24	N21 37.55	255 19.06	N22 43.98	298 50.43	15.32	N08 47.54	12.10	54.76
06	345 27.88	232 22.35	N23 42.13	248 25.75	N24 17.88	236 05.39	N22 30.15	268 12.35	N21 37.58	270 18.94	N22 44.23	313 24.75	15.27	N08 59.64	12.07	54.77
07	000 30.34	247 21.62	N23 41.70	263 26.42	N24 17.81	251 07.30	N22 30.09	283 14.47	N21 37.61	285 18.83	N22 44.47	327 59.02	15.22	N09 11.71	12.05	54.79
08	015 32.80	262 20.90	N23 41.26	278 27.09	N24 17.74	266 09.21	N22 30.02	298 16.58	N21 37.64	300 18.71	N22 44.71	342 33.24	15.17	N09 23.76	12.02	54.81
09	030 35.27	277 20.17	N23 40.83	293 27.76	N24 17.67	281 11.12	N22 29.96	313 18.70	N21 37.68	315 18.59	N22 44.95	357 07.41	15.11	N09 35.77	11.99	54.82
10	045 37.73	292 19.45	N23 40.40	308 28.44	N24 17.60	296 13.03	N22 29.89	328 20.82	N21 37.71	330 18.48	N22 45.20	011 41.52	15.06	N09 47.76	11.96	54.84
11	060 40.20	307 18.72	N23 39.96	323 29.11	N24 17.52	311 14.94	N22 29.83	343 22.93	N21 37.74	345 18.36	N22 45.44	026 15.58	15.00	N09 59.72	11.92	54.86
12	075 42.66	322 18.00	N23 39.52	338 29.78	N24 17.45	326 16.84	N22 29.76	358 25.05	N21 37.77	000 18.24	N22 45.68	040 49.59	14.95	N10 11.64	11.89	54.88
13	090 45.13	337 17.28	N23 39.09	353 30.45	N24 17.38	341 18.75	N22 29.70	013 27.17	N21 37.80	015 18.12	N22 45.92	055 23.54	14.89	N10 23.53	11.86	54.89
14	105 47.59	352 16.56	N23 38.65	008 31.12	N24 17.31	356 20.66	N22 29.63	028 29.28	N21 37.83	030 18.01	N22 46.15	069 57.43	14.83	N10 35.39	11.82	54.91
15	120 50.05	007 15.83	N23 38.21	023 31.79	N24 17.23	011 22.57	N22 29.57	043 31.40	N21 37.87	045 17.89	N22 46.39	084 31.27	14.78	N10 47.21	11.79	54.93
16	135 52.52	022 15.11	N23 37.77	038 32.46	N24 17.16	026 24.48	N22 29.50	058 33.51	N21 37.90	060 17.77	N22 46.63	099 05.04	14.72	N10 59.00	11.75	54.95
17	150 54.98	037 14.39	N23 37.32	053 33.13	N24 17.09	041 26.39	N22 29.44	073 35.63	N21 37.93	075 17.65	N22 46.87	113 38.76	14.66	N11 10.76	11.72	54.96
18	165 57.45	052 13.67	N23 36.88	068 33.80	N24 17.01	056 28.30	N22 29.37	088 37.75	N21 37.96	090 17.53	N22 47.10	128 12.42	14.60	N11 22.47	11.68	54.98
19	180 59.91	067 12.95	N23 36.43	083 34.47	N24 16.94	071 30.21	N22 29.30	103 39.86	N21 37.99	105 17.41	N22 47.34	142 46.01	14.53	N11 34.15	11.64	55.00
20	196 02.37	082 12.23	N23 35.99	098 35.14	N24 16.86	086 32.11	N22 29.24	118 41.98	N21 38.02	120 17.30	N22 47.57	157 19.54	14.47	N11 45.79	11.60	55.02
21	211 04.84	097 11.52	N23 35.54	113 35.81	N24 16.79	101 34.02	N22 29.17	133 44.10	N21 38.05	135 17.18	N22 47.81	171 53.02	14.41	N11 57.38	11.56	55.04
22	226 07.30	112 10.80	N23 35.09	128 36.49	N24 16.71	116 35.93	N22 29.11	148 46.21	N21 38.09	150 17.06	N22 48.04	186 26.42	14.34	N12 08.94	11.52	55.06
23	241 09.77	127 10.08	N23 34.64	143 37.16	N24 16.64	131 37.84	N22 29.04	163 48.33	N21 38.12	165 16.94	N22 48.27	200 59.77	14.28	N12 20.46	11.47	55.08
		v -0.73	d 0.42	v 0.67	d 0.07	v 1.91	d 0.06	v 2.12	d 0.03	v -0.12	d 0.25	SD	14.85	14.95		
		HP 0.12		HP 0.06						SD 15.76	HP 0.14					

Saturday June 08, 2002 through Sunday June 09, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
08 00	256 12.23	142 09.36	N23 34.19	158 37.83	N24 16.56	146 39.75	N22 28.98	178 50.44	N21 38.15	180 16.82	N22 48.50	215 33.04	14.21	N12 31.93	11.43	55.10
01	271 14.69	157 08.65	N23 33.74	173 38.50	N24 16.49	161 41.65	N22 28.91	193 52.56	N21 38.18	195 16.70	N22 48.74	230 06.25	14.14	N12 43.36	11.38	55.12
02	286 17.16	172 07.93	N23 33.29	188 39.17	N24 16.41	176 43.56	N22 28.84	208 54.68	N21 38.21	210 16.58	N22 48.97	244 39.40	14.08	N12 54.74	11.34	55.14
03	301 19.62	187 07.22	N23 32.84	203 39.84	N24 16.33	191 45.47	N22 28.78	223 56.79	N21 38.24	225 16.46	N22 49.20	259 12.48	14.01	N13 06.08	11.29	55.16
04	316 22.09	202 06.50	N23 32.38	218 40.52	N24 16.25	206 47.38	N22 28.71	238 58.91	N21 38.27	240 16.34	N22 49.43	273 45.49	13.94	N13 17.38	11.24	55.18
05	331 24.55	217 05.79	N23 31.93	233 41.19	N24 16.18	221 49.28	N22 28.65	254 01.03	N21 38.31	255 16.22	N22 49.65	288 18.43	13.87	N13 28.62	11.20	55.20
06	346 27.02	232 05.07	N23 31.47	248 41.86	N24 16.10	236 51.19	N22 28.58	269 03.14	N21 38.34	270 16.10	N22 49.88	302 51.29	13.80	N13 39.82	11.15	55.22
07	001 29.48	247 04.36	N23 31.01	263 42.53	N24 16.02	251 53.10	N22 28.51	284 05.26	N21 38.37	285 15.98	N22 50.11	317 24.09	13.73	N13 50.96	11.10	55.24
08	016 31.94	262 03.65	N23 30.55	278 43.20	N24 15.94	266 55.01	N22 28.45	299 07.37	N21 38.40	300 15.86	N22 50.33	331 56.82	13.66	N14 02.06	11.04	55.26
09	031 34.41	277 02.93	N23 30.09	293 43.88	N24 15.86	281 56.91	N22 28.38	314 09.49	N21 38.43	315 15.74	N22 50.56	346 29.48	13.58	N14 13.10	10.99	55.28
10	046 36.87	292 02.22	N23 29.63	308 44.55	N24 15.78	296 58.82	N22 28.31	329 11.61	N21 38.46	330 15.62	N22 50.79	001 02.06	13.51	N14 24.10	10.94	55.30
11	061 39.34	307 01.51	N23 29.17	323 45.22	N24 15.70	312 00.73	N22 28.25	344 13.72	N21 38.49	345 15.50	N22 51.01	015 34.57	13.43	N14 35.03	10.88	55.32
12	076 41.80	322 00.80	N23 28.70	338 45.89	N24 15.62	327 02.64	N22 28.18	359 15.84	N21 38.52	000 15.38	N22 51.23	030 07.00	13.36	N14 45.92	10.83	55.34
13	091 44.26	337 00.09	N23 28.24	353 46.57	N24 15.54	342 04.54	N22 28.12	014 17.95	N21 38.56	015 15.26	N22 51.46	044 39.36	13.28	N14 56.75	10.77	55.36
14	106 46.73	351 59.38	N23 27.77	008 47.24	N24 15.46	357 06.45	N22 28.05	029 20.07	N21 38.59	030 15.14	N22 51.68	059 11.65	13.21	N15 07.52	10.71	55.38
15	121 49.19	006 58.67	N23 27.31	023 47.91	N24 15.38	012 08.36	N22 27.98	044 22.19	N21 38.62	045 15.02	N22 51.90	073 43.85	13.13	N15 18.23	10.65	55.40
16	136 51.66	021 57.96	N23 26.84	038 48.58	N24 15.30	027 10.26	N22 27.92	059 24.30	N21 38.65	060 14.90	N22 52.12	088 15.98	13.05	N15 28.88	10.59	55.42
17	151 54.12	036 57.25	N23 26.37	053 49.26	N24 15.22	042 12.17	N22 27.85	074 26.42	N21 38.68	075 14.78	N22 52.34	102 48.04	12.98	N15 39.48	10.53	55.45
18	166 56.59	051 56.54	N23 25.90	068 49.93	N24 15.14	057 14.08	N22 27.78	089 28.53	N21 38.71	090 14.66	N22 52.56	117 20.01	12.90	N15 50.01	10.47	55.47
19	181 59.05	066 55.84	N23 25.43	083 50.60	N24 15.05	072 15.98	N22 27.72	104 30.65	N21 38.74	105 14.53	N22 52.78	131 51.91	12.82	N16 00.48	10.41	55.49
20	197 01.51	081 55.13	N23 24.95	098 51.28	N24 14.97	087 17.89	N22 27.65	119 32.77	N21 38.77	120 14.41	N22 53.00	146 23.73	12.74	N16 10.88	10.34	55.51
21	212 03.98	096 54.42	N23 24.48	113 51.95	N24 14.89	102 19.80	N22 27.58	134 34.88	N21 38.80	135 14.29	N22 53.21	160 55.46	12.66	N16 21.23	10.28	55.53
22	227 06.44	111 53.72	N23 24.01	128 52.62	N24 14.80	117 21.70	N22 27.52	149 37.00	N21 38.83	150 14.17	N22 53.43	175 27.12	12.58	N16 31.50	10.21	55.56
23	242 08.91	126 53.01	N23 23.53	143 53.30	N24 14.72	132 23.61	N22 27.45	164 39.11	N21 38.87	165 14.05	N22 53.65	189 58.70	12.49	N16 41.71	10.14	55.58
09 00	257 11.37	141 52.31	N23 23.05	158 53.97	N24 14.63	147 25.51	N22 27.38	179 41.23	N21 38.90	180 13.92	N22 53.86	204 30.19	12.41	N16 51.85	10.07	55.60
01	272 13.83	156 51.60	N23 22.57	173 54.64	N24 14.55	162 27.42	N22 27.31	194 43.35	N21 38.93	195 13.80	N22 54.07	219 01.61	12.33	N17 01.93	10.00	55.62
02	287 16.30	171 50.90	N23 22.10	188 55.32	N24 14.47	177 29.33	N22 27.25	209 45.46	N21 38.96	210 13.68	N22 54.29	233 32.94	12.25	N17 11.93	09.93	55.64
03	302 18.76	186 50.20	N23 21.62	203 55.99	N24 14.38	192 31.23	N22 27.18	224 47.58	N21 38.99	225 13.56	N22 54.50	248 04.18	12.16	N17 21.86	09.86	55.67
04	317 21.23	201 49.49	N23 21.13	218 56.66	N24 14.29	207 33.14	N22 27.11	239 49.69	N21 39.02	240 13.44	N22 54.71	262 35.35	12.08	N17 31.72	09.79	55.69
05	332 23.69	216 48.79	N23 20.65	233 57.34	N24 14.21	222 35.04	N22 27.05	254 51.81	N21 39.05	255 13.31	N22 54.93	277 06.43	12.00	N17 41.51	09.71	55.71
06	347 26.15	231 48.09	N23 20.17	248 58.01	N24 14.12	237 36.95	N22 26.98	269 53.93	N21 39.08	270 13.19	N22 55.14	291 37.42	11.91	N17 51.22	09.64	55.74
07	002 28.62	246 47.39	N23 19.68	263 58.69	N24 14.04	252 38.85	N22 26.91	284 56.04	N21 39.11	285 13.07	N22 55.35	306 08.34	11.83	N18 00.85	09.56	55.76
08	017 31.08	261 46.69	N23 19.20	278 59.36	N24 13.95	267 40.76	N22 26.84	299 58.16	N21 39.14	300 12.94	N22 55.56	320 39.16	11.74	N18 10.41	09.48	55.78
09	032 33.55	276 45.99	N23 18.71	294 00.03	N24 13.86	282 42.66	N22 26.78	315 00.27	N21 39.18	315 12.82	N22 55.77	335 09.91	11.66	N18 19.89	09.40	55.80
10	047 36.01	291 45.29	N23 18.22	309 00.71	N24 13.77	297 44.57	N22 26.71	330 02.39	N21 39.21	330 12.70	N22 55.97	349 40.56	11.57	N18 29.29	09.32	55.83
11	062 38.48	306 44.59	N23 17.73	324 01.38	N24 13.69	312 46.48	N22 26.64	345 04.51	N21 39.24	345 12.58	N22 56.18	004 11.13	11.48	N18 38.61	09.24	55.85
12	077 40.94	321 43.89	N23 17.24	339 02.06	N24 13.60	327 48.38	N22 26.58	000 06.62	N21 39.27	000 12.45	N22 56.39	018 41.62	11.40	N18 47.85	09.16	55.87
13	092 43.40	336 43.19	N23 16.75	354 02.73	N24 13.51	342 50.29	N22 26.51	015 08.74	N21 39.30	015 12.33	N22 56.59	033 12.02	11.31	N18 57.00	09.07	55.90
14	107 45.87	351 42.49	N23 16.26	009 03.41	N24 13.42	357 52.19	N22 26.44	030 10.85	N21 39.33	030 12.21	N22 56.80	047 42.33	11.22	N19 06.08	08.99	55.92
15	122 48.33	006 41.80	N23 15.77	024 04.08	N24 13.33	012 54.09	N22 26.37	045 12.97	N21 39.36	045 12.08	N22 57.00	062 12.55	11.14	N19 15.06	08.90	55.94
16	137 50.80	021 41.10	N23 15.27	039 04.75	N24 13.24	027 56.00	N22 26.31	060 15.09	N21 39.39	060 11.96	N22 57.21	076 42.69	11.05	N19 23.96	08.81	55.97
17	152 53.26	036 40.40	N23 14.78	054 05.43	N24 13.15	042 57.90	N22 26.24	075 17.20	N21 39.42	075 11.83	N22 57.41	091 12.74	10.96	N19 32.77	08.72	55.99
18	167 55.72	051 39.71	N23 14.28	069 06.10	N24 13.06	057 59.81	N22 26.17	090 19.32	N21 39.45	090 11.71	N22 57.61	105 42.70	10.88	N19 41.49	08.63	56.01
19	182 58.19	066 39.01	N23 13.78	084 06.78	N24 12.97	073 01.71	N22 26.10	105 21.43	N21 39.48	105 11.59	N22 57.82	120 12.58	10.79	N19 50.13	08.54	56.04
20	198 00.65	081 38.32	N23 13.28	099 07.45	N24 12.88	088 03.62	N22 26.03	120 23.55	N21 39.51	120 11.46	N22 58.02	134 42.37	10.70	N19 58.67	08.45	56.06
21	213 03.12	096 37.63	N23 12.78	114 08.13	N24 12.79	103 05.52	N22 25.97	135 25.67	N21 39.54	135 11.34	N22 58.22	149 12.07	10.61	N20 07.12	08.35	56.08
22	228 05.58	111 36.93	N23 12.28	129 08.81	N24 12.70	118 07.43	N22 25.90	150 27.78	N21 39.58	150 11.21	N22 58.42	163 41.68	10.53	N20 15.47	08.26	56.11
23	243 08.05	126 36.24	N23 11.78	144 09.48	N24 12.60	133 09.33	N22 25.83	165 29.90	N21 39.61	165 11.09	N22 58.62	178 11.21	10.44	N20 23.73	08.16	56.13
		v -0.70	d 0.48	v 0.67	d 0.08	v 1.91	d 0.07	v 2.12	d 0.03	v -0.12	d 0.21	SD	15.08	15.22		
		HP 0.12		HP 0.06						SD 15.76	HP 0.14					

Monday June 10, 2002 through Tuesday June 11, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
10 00	258 10.51	141 35.55	N23 11.28	159 10.16	N24 12.51	148 11.24	N22 25.76	180 32.01	N21 39.64	180 10.96	N22 58.81	192 40.65	10.35	N20 31.89	08.07	56.15
01	273 12.97	156 34.86	N23 10.77	174 10.83	N24 12.42	163 13.14	N22 25.70	195 34.13	N21 39.67	195 10.84	N22 59.01	207 10.00	10.26	N20 39.96	07.97	56.18
02	288 15.44	171 34.17	N23 10.27	189 11.51	N24 12.33	178 15.04	N22 25.63	210 36.25	N21 39.70	210 10.71	N22 59.21	221 39.27	10.18	N20 47.93	07.87	56.20
03	303 17.90	186 33.47	N23 09.76	204 12.18	N24 12.23	193 16.95	N22 25.56	225 38.36	N21 39.73	225 10.59	N22 59.40	236 08.44	10.09	N20 55.79	07.77	56.23
04	318 20.37	201 32.78	N23 09.25	219 12.86	N24 12.14	208 18.85	N22 25.49	240 40.48	N21 39.76	240 10.46	N22 59.60	250 37.53	10.00	N21 03.56	07.66	56.25
05	333 22.83	216 32.10	N23 08.75	234 13.53	N24 12.04	223 20.75	N22 25.42	255 42.59	N21 39.79	255 10.34	N22 59.80	265 06.54	09.92	N21 11.23	07.56	56.27
06	348 25.29	231 31.41	N23 08.24	249 14.21	N24 11.95	238 22.66	N22 25.35	270 44.71	N21 39.82	270 10.21	N22 59.99	279 35.45	09.83	N21 18.79	07.46	56.30
07	003 27.76	246 30.72	N23 07.72	264 14.89	N24 11.86	253 24.56	N22 25.29	285 46.83	N21 39.85	285 10.09	N23 00.18	294 04.28	09.74	N21 26.24	07.35	56.32
08	018 30.22	261 30.03	N23 07.21	279 15.56	N24 11.76	268 26.47	N22 25.22	300 48.94	N21 39.88	300 09.96	N23 00.38	308 33.03	09.66	N21 33.59	07.24	56.34
09	033 32.69	276 29.34	N23 06.70	294 16.24	N24 11.67	283 28.37	N22 25.15	315 51.06	N21 39.91	315 09.84	N23 00.57	323 01.69	09.57	N21 40.84	07.14	56.37
10	048 35.15	291 28.66	N23 06.19	309 16.92	N24 11.57	298 30.27	N22 25.08	330 53.17	N21 39.94	330 09.71	N23 00.76	337 30.26	09.49	N21 47.97	07.03	56.39
11	063 37.62	306 27.97	N23 05.67	324 17.59	N24 11.47	313 32.18	N22 25.01	345 55.29	N21 39.97	345 09.59	N23 00.95	351 58.75	09.40	N21 55.00	06.92	56.42
12	078 40.08	321 27.28	N23 05.15	339 18.27	N24 11.38	328 34.08	N22 24.94	000 57.41	N21 40.00	000 09.46	N23 01.14	006 27.15	09.32	N22 01.91	06.80	56.44
13	093 42.54	336 26.60	N23 04.64	354 18.94	N24 11.28	343 35.98	N22 24.88	015 59.52	N21 40.03	015 09.33	N23 01.33	020 55.47	09.23	N22 08.72	06.69	56.46
14	108 45.01	351 25.91	N23 04.12	009 19.62	N24 11.18	358 37.89	N22 24.81	031 01.64	N21 40.06	030 09.21	N23 01.52	035 23.70	09.15	N22 15.41	06.58	56.49
15	123 47.47	006 25.23	N23 03.60	024 20.30	N24 11.09	013 39.79	N22 24.74	046 03.75	N21 40.09	045 09.08	N23 01.70	049 51.85	09.07	N22 21.98	06.46	56.51
16	138 49.94	021 24.55	N23 03.08	039 20.98	N24 10.99	028 41.69	N22 24.67	061 05.87	N21 40.12	060 08.96	N23 01.89	064 19.92	08.99	N22 28.45	06.34	56.53
17	153 52.40	036 23.86	N23 02.56	054 21.65	N24 10.89	043 43.59	N22 24.60	076 07.99	N21 40.15	075 08.83	N23 02.08	078 47.91	08.90	N22 34.79	06.23	56.56
18	168 54.87	051 23.18	N23 02.03	069 22.33	N24 10.79	058 45.50	N22 24.53	091 10.10	N21 40.19	090 08.70	N23 02.26	093 15.81	08.82	N22 41.02	06.11	56.58
19	183 57.33	066 22.50	N23 01.51	084 23.01	N24 10.69	073 47.40	N22 24.46	106 12.22	N21 40.22	105 08.58	N23 02.45	107 43.63	08.74	N22 47.13	05.99	56.61
20	198 59.79	081 21.82	N23 00.99	099 23.68	N24 10.59	088 49.30	N22 24.40	121 14.33	N21 40.25	120 08.45	N23 02.63	122 11.38	08.66	N22 53.11	05.87	56.63
21	214 02.26	096 21.14	N23 00.46	114 24.36	N24 10.49	103 51.20	N22 24.33	136 16.45	N21 40.28	135 08.32	N23 02.82	136 39.04	08.58	N22 58.98	05.75	56.65
22	229 04.72	111 20.46	N22 59.93	129 25.04	N24 10.39	118 53.11	N22 24.26	151 18.57	N21 40.31	150 08.20	N23 03.00	151 06.62	08.50	N23 04.73	05.62	56.68
23	244 07.19	126 19.78	N22 59.41	144 25.72	N24 10.29	133 55.01	N22 24.19	166 20.68	N21 40.34	165 08.07	N23 03.18	165 34.12	08.43	N23 10.35	05.50	56.70
11 00	259 09.65	141 19.10	N22 58.88	159 26.39	N24 10.19	148 56.91	N22 24.12	181 22.80	N21 40.37	180 07.94	N23 03.36	180 01.55	08.35	N23 15.85	05.37	56.72
01	274 12.11	156 18.42	N22 58.35	174 27.07	N24 10.09	163 58.81	N22 24.05	196 24.91	N21 40.40	195 07.82	N23 03.54	194 28.90	08.27	N23 21.22	05.25	56.75
02	289 14.58	171 17.74	N22 57.82	189 27.75	N24 09.99	179 00.72	N22 23.98	211 27.03	N21 40.43	210 07.69	N23 03.72	208 56.17	08.20	N23 26.47	05.12	56.77
03	304 17.04	186 17.06	N22 57.28	204 28.43	N24 09.89	194 02.62	N22 23.91	226 29.15	N21 40.46	225 07.56	N23 03.90	223 23.37	08.12	N23 31.59	04.99	56.79
04	319 19.51	201 16.39	N22 56.75	219 29.10	N24 09.79	209 04.52	N22 23.84	241 31.26	N21 40.49	240 07.43	N23 04.08	237 50.50	08.05	N23 36.58	04.86	56.82
05	334 21.97	216 15.71	N22 56.21	234 29.78	N24 09.69	224 06.42	N22 23.77	256 33.38	N21 40.52	255 07.31	N23 04.26	252 17.55	07.98	N23 41.44	04.73	56.84
06	349 24.44	231 15.03	N22 55.68	249 30.46	N24 09.58	239 08.32	N22 23.71	271 35.49	N21 40.55	270 07.18	N23 04.44	266 44.53	07.91	N23 46.17	04.60	56.86
07	004 26.90	246 14.36	N22 55.14	264 31.14	N24 09.48	254 10.23	N22 23.64	286 37.61	N21 40.58	285 07.05	N23 04.61	281 11.43	07.84	N23 50.77	04.47	56.89
08	019 29.36	261 13.69	N22 54.61	279 31.82	N24 09.38	269 12.13	N22 23.57	301 39.72	N21 40.61	300 06.92	N23 04.79	295 38.27	07.77	N23 55.23	04.33	56.91
09	034 31.83	276 13.01	N22 54.07	294 32.50	N24 09.27	284 14.03	N22 23.50	316 41.84	N21 40.64	315 06.80	N23 04.96	310 05.04	07.70	N23 59.57	04.20	56.93
10	049 34.29	291 12.34	N22 53.53	309 33.17	N24 09.17	299 15.93	N22 23.43	331 43.96	N21 40.67	330 06.67	N23 05.14	324 31.74	07.63	N24 03.76	04.06	56.96
11	064 36.76	306 11.66	N22 52.99	324 33.85	N24 09.07	314 17.83	N22 23.36	346 46.07	N21 40.70	345 06.54	N23 05.31	338 58.37	07.57	N24 07.83	03.93	56.98
12	079 39.22	321 10.99	N22 52.44	339 34.53	N24 08.96	329 19.73	N22 23.29	001 48.19	N21 40.73	000 06.41	N23 05.49	353 24.94	07.50	N24 11.75	03.79	57.00
13	094 41.69	336 10.32	N22 51.90	354 35.21	N24 08.86	344 21.63	N22 23.22	016 50.30	N21 40.76	015 06.28	N23 05.66	007 51.44	07.44	N24 15.54	03.65	57.03
14	109 44.15	351 09.65	N22 51.36	009 35.89	N24 08.75	359 23.54	N22 23.15	031 52.42	N21 40.79	030 06.16	N23 05.83	022 17.88	07.38	N24 19.19	03.51	57.05
15	124 46.61	006 08.98	N22 50.81	024 36.57	N24 08.65	014 25.44	N22 23.08	046 54.54	N21 40.82	045 06.03	N23 06.00	036 44.25	07.31	N24 22.70	03.37	57.07
16	139 49.08	021 08.31	N22 50.27	039 37.25	N24 08.54	029 27.34	N22 23.01	061 56.65	N21 40.85	060 05.90	N23 06.17	051 10.57	07.25	N24 26.07	03.23	57.10
17	154 51.54	036 07.64	N22 49.72	054 37.93	N24 08.44	044 29.24	N22 22.94	076 58.77	N21 40.88	075 05.77	N23 06.34	065 36.82	07.20	N24 29.30	03.09	57.12
18	169 54.01	051 06.97	N22 49.17	069 38.61	N24 08.33	059 31.14	N22 22.87	092 00.88	N21 40.91	090 05.64	N23 06.51	080 03.02	07.14	N24 32.39	02.95	57.14
19	184 56.47	066 06.30	N22 48.62	084 39.28	N24 08.22	074 33.04	N22 22.80	107 03.00	N21 40.94	105 05.51	N23 06.68	094 29.16	07.08	N24 35.34	02.80	57.16
20	199 58.93	081 05.63	N22 48.07	099 39.96	N24 08.11	089 34.94	N22 22.73	122 05.12	N21 40.97	120 05.38	N23 06.84	108 55.24	07.03	N24 38.14	02.66	57.19
21	215 01.40	096 04.97	N22 47.52	114 40.64	N24 08.01	104 36.84	N22 22.66	137 07.23	N21 41.00	135 05.26	N23 07.01	123 21.27	06.98	N24 40.80	02.51	57.21
22	230 03.86	111 04.30	N22 46.97	129 41.32	N24 07.90	119 38.74	N22 22.59	152 09.35	N21 41.03	150 05.13	N23 07.18	137 47.25	06.92	N24 43.32	02.37	57.23
23	245 06.33	126 03.63	N22 46.41	144 42.00	N24 07.79	134 40.64	N22 22.52	167 11.46	N21 41.06	165 05.00	N23 07.34	152 13.17	06.87	N24 45.68	02.22	57.25
		v -0.68	d 0.53	v 0.68	d 0.10	v 1.90	d 0.07	v 2.12	d 0.03	v -0.13	d 0.18	SD	15.38	15.53		
		HP 0.12		HP 0.06						SD 15.75	HP 0.14					

Wednesday June 12, 2002 through Thursday June 13, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
12 00	260 08.79	141 02.97	N22 45.86	159 42.68	N24 07.68	149 42.54	N22 22.45	182 13.58	N21 41.09	180 04.87	N23 07.51	166 39.05	06.83	N24 47.91	02.08	57.28
01	275 11.26	156 02.30	N22 45.30	174 43.36	N24 07.57	164 44.45	N22 22.38	197 15.70	N21 41.12	195 04.74	N23 07.67	181 04.87	06.78	N24 49.98	01.93	57.30
02	290 13.72	171 01.64	N22 44.75	189 44.04	N24 07.46	179 46.35	N22 22.31	212 17.81	N21 41.15	210 04.61	N23 07.83	195 30.65	06.73	N24 51.91	01.78	57.32
03	305 16.18	186 00.97	N22 44.19	204 44.72	N24 07.36	194 48.25	N22 22.24	227 19.93	N21 41.18	225 04.48	N23 08.00	209 56.39	06.69	N24 53.69	01.63	57.34
04	320 18.65	201 00.31	N22 43.63	219 45.40	N24 07.25	209 50.15	N22 22.17	242 22.04	N21 41.21	240 04.35	N23 08.16	224 22.08	06.65	N24 55.32	01.48	57.37
05	335 21.11	215 59.65	N22 43.07	234 46.08	N24 07.14	224 52.05	N22 22.10	257 24.16	N21 41.24	255 04.22	N23 08.32	238 47.72	06.61	N24 56.80	01.33	57.39
06	350 23.58	230 58.99	N22 42.51	249 46.76	N24 07.02	239 53.95	N22 22.03	272 26.28	N21 41.27	270 04.09	N23 08.48	253 13.33	06.57	N24 58.14	01.18	57.41
07	005 26.04	245 58.32	N22 41.95	264 47.44	N24 06.91	254 55.85	N22 21.96	287 28.39	N21 41.30	285 03.96	N23 08.64	267 38.90	06.53	N24 59.32	01.03	57.43
08	020 28.51	260 57.66	N22 41.38	279 48.12	N24 06.80	269 57.75	N22 21.89	302 30.51	N21 41.33	300 03.83	N23 08.80	282 04.43	06.49	N25 00.35	00.88	57.45
09	035 30.97	275 57.00	N22 40.82	294 48.80	N24 06.69	284 59.65	N22 21.82	317 32.62	N21 41.36	315 03.70	N23 08.95	296 29.92	06.46	N25 01.23	00.73	57.47
10	050 33.43	290 56.34	N22 40.25	309 49.49	N24 06.58	300 01.55	N22 21.75	332 34.74	N21 41.39	330 03.57	N23 09.11	310 55.38	06.43	N25 01.95	00.57	57.50
11	065 35.90	305 55.68	N22 39.69	324 50.17	N24 06.47	315 03.45	N22 21.68	347 36.86	N21 41.42	345 03.44	N23 09.27	325 20.81	06.40	N25 02.53	00.42	57.52
12	080 38.36	320 55.02	N22 39.12	339 50.85	N24 06.35	330 05.35	N22 21.61	002 38.97	N21 41.45	000 03.31	N23 09.42	339 46.21	06.37	N25 02.95	00.27	57.54
13	095 40.83	335 54.37	N22 38.55	354 51.53	N24 06.24	345 07.25	N22 21.54	017 41.09	N21 41.48	015 03.18	N23 09.58	354 11.57	06.34	N25 03.22	00.11	57.56
14	110 43.29	350 53.71	N22 37.98	009 52.21	N24 06.13	000 09.15	N22 21.47	032 43.20	N21 41.51	030 03.05	N23 09.73	008 36.91	06.31	N25 03.33	00.04	57.58
15	125 45.75	005 53.05	N22 37.41	024 52.89	N24 06.02	015 11.04	N22 21.40	047 45.32	N21 41.53	045 02.92	N23 09.89	023 02.23	06.29	N25 03.29	00.19	57.60
16	140 48.22	020 52.40	N22 36.84	039 53.57	N24 05.90	030 12.94	N22 21.33	062 47.44	N21 41.56	060 02.79	N23 10.04	037 27.52	06.27	N25 03.10	00.35	57.62
17	155 50.68	035 51.74	N22 36.27	054 54.25	N24 05.79	045 14.84	N22 21.26	077 49.55	N21 41.59	075 02.66	N23 10.19	051 52.78	06.25	N25 02.75	00.50	57.64
18	170 53.15	050 51.08	N22 35.70	069 54.93	N24 05.67	060 16.74	N22 21.19	092 51.67	N21 41.62	090 02.53	N23 10.35	066 18.03	06.23	N25 02.25	00.66	57.66
19	185 55.61	065 50.43	N22 35.12	084 55.62	N24 05.56	075 18.64	N22 21.12	107 53.78	N21 41.65	105 02.40	N23 10.50	080 43.26	06.21	N25 01.59	00.81	57.68
20	200 58.08	080 49.78	N22 34.55	099 56.30	N24 05.44	090 20.54	N22 21.05	122 55.90	N21 41.68	120 02.27	N23 10.65	095 08.47	06.19	N25 00.78	00.97	57.70
21	216 00.54	095 49.12	N22 33.97	114 56.98	N24 05.33	105 22.44	N22 20.97	137 58.02	N21 41.71	135 02.14	N23 10.80	109 33.66	06.18	N24 59.81	01.12	57.73
22	231 03.00	110 48.47	N22 33.39	129 57.66	N24 05.21	120 24.34	N22 20.90	153 00.13	N21 41.74	150 02.01	N23 10.95	123 58.84	06.17	N24 58.68	01.28	57.75
23	246 05.47	125 47.82	N22 32.81	144 58.34	N24 05.10	135 26.24	N22 20.83	168 02.25	N21 41.77	165 01.88	N23 11.09	138 24.01	06.16	N24 57.41	01.44	57.77
13 00	261 07.93	140 47.17	N22 32.23	159 59.03	N24 04.98	150 28.14	N22 20.76	183 04.36	N21 41.80	180 01.75	N23 11.24	152 49.17	06.15	N24 55.97	01.59	57.79
01	276 10.40	155 46.51	N22 31.65	174 59.71	N24 04.86	165 30.04	N22 20.69	198 06.48	N21 41.83	195 01.62	N23 11.39	167 14.32	06.14	N24 54.38	01.75	57.81
02	291 12.86	170 45.86	N22 31.07	190 00.39	N24 04.74	180 31.93	N22 20.62	213 08.60	N21 41.86	210 01.49	N23 11.53	181 39.46	06.14	N24 52.63	01.90	57.83
03	306 15.33	185 45.21	N22 30.49	205 01.07	N24 04.63	195 33.83	N22 20.55	228 10.71	N21 41.89	225 01.35	N23 11.68	196 04.60	06.13	N24 50.73	02.06	57.85
04	321 17.79	200 44.56	N22 29.90	220 01.75	N24 04.51	210 35.73	N22 20.48	243 12.83	N21 41.92	240 01.22	N23 11.82	210 29.74	06.13	N24 48.67	02.21	57.87
05	336 20.25	215 43.92	N22 29.32	235 02.44	N24 04.39	225 37.63	N22 20.41	258 14.94	N21 41.95	255 01.09	N23 11.97	224 54.87	06.13	N24 46.46	02.37	57.88
06	351 22.72	230 43.27	N22 28.73	250 03.12	N24 04.27	240 39.53	N22 20.34	273 17.06	N21 41.98	270 00.96	N23 12.11	239 20.00	06.14	N24 44.09	02.53	57.90
07	006 25.18	245 42.62	N22 28.15	265 03.80	N24 04.15	255 41.43	N22 20.26	288 19.18	N21 42.01	285 00.83	N23 12.25	253 45.14	06.14	N24 41.56	02.68	57.92
08	021 27.65	260 41.97	N22 27.56	280 04.49	N24 04.03	270 43.33	N22 20.19	303 21.29	N21 42.04	300 00.70	N23 12.40	268 10.28	06.14	N24 38.88	02.84	57.94
09	036 30.11	275 41.33	N22 26.97	295 05.17	N24 03.92	285 45.22	N22 20.12	318 23.41	N21 42.07	315 00.57	N23 12.54	282 35.42	06.15	N24 36.05	02.99	57.96
10	051 32.58	290 40.68	N22 26.38	310 05.85	N24 03.80	300 47.12	N22 20.05	333 25.52	N21 42.10	330 00.43	N23 12.68	297 00.57	06.16	N24 33.05	03.15	57.98
11	066 35.04	305 40.04	N22 25.79	325 06.53	N24 03.68	315 49.02	N22 19.98	348 27.64	N21 42.12	345 00.30	N23 12.82	311 25.73	06.17	N24 29.91	03.30	58.00
12	081 37.50	320 39.39	N22 25.20	340 07.22	N24 03.55	330 50.92	N22 19.91	003 29.76	N21 42.15	000 00.17	N23 12.96	325 50.90	06.18	N24 26.61	03.46	58.02
13	096 39.97	335 38.75	N22 24.60	355 07.90	N24 03.43	345 52.82	N22 19.84	018 31.87	N21 42.18	015 00.04	N23 13.09	340 16.08	06.19	N24 23.15	03.61	58.04
14	111 42.43	350 38.10	N22 24.01	010 08.58	N24 03.31	000 54.71	N22 19.76	033 33.99	N21 42.21	029 59.91	N23 13.23	354 41.27	06.21	N24 19.54	03.76	58.06
15	126 44.90	005 37.46	N22 23.41	025 09.27	N24 03.19	015 56.61	N22 19.69	048 36.11	N21 42.24	044 59.78	N23 13.37	009 06.48	06.23	N24 15.78	03.92	58.07
16	141 47.36	020 36.82	N22 22.82	040 09.95	N24 03.07	030 58.51	N22 19.62	063 38.22	N21 42.27	059 59.64	N23 13.50	023 31.71	06.24	N24 11.86	04.07	58.09
17	156 49.82	035 36.18	N22 22.22	055 10.64	N24 02.95	046 00.41	N22 19.55	078 40.34	N21 42.30	074 59.51	N23 13.64	037 56.95	06.26	N24 07.80	04.22	58.11
18	171 52.29	050 35.54	N22 21.62	070 11.32	N24 02.82	061 02.30	N22 19.48	093 42.45	N21 42.33	089 59.38	N23 13.77	052 22.21	06.28	N24 03.57	04.37	58.13
19	186 54.75	065 34.90	N22 21.02	085 12.00	N24 02.70	076 04.20	N22 19.41	108 44.57	N21 42.36	104 59.25	N23 13.91	066 47.50	06.31	N23 59.20	04.53	58.15
20	201 57.22	080 34.26	N22 20.42	100 12.69	N24 02.58	091 06.10	N22 19.33	123 46.69	N21 42.39	119 59.12	N23 14.04	081 12.80	06.33	N23 54.67	04.68	58.16
21	216 59.68	095 33.62	N22 19.82	115 13.37	N24 02.46	106 08.00	N22 19.26	138 48.80	N21 42.42	134 58.98	N23 14.17	095 38.13	06.36	N23 50.00	04.83	58.18
22	232 02.15	110 32.98	N22 19.22	130 14.06	N24 02.33	121 09.89	N22 19.19	153 50.92	N21 42.45	149 58.85	N23 14.31	110 03.49	06.38	N23 45.17	04.98	58.20
23	247 04.61	125 32.34	N22 18.61	145 14.74	N24 02.21	136 11.79	N22 19.12	168 53.03	N21 42.48	164 58.72	N23 14.44	124 28.87	06.41	N23 40.19	05.13	58.22
		v -0.65	d 0.58	v 0.68	d 0.12	v 1.90	d 0.07	v 2.12	d 0.03	v -0.13	d 0.15	SD	15.68	15.81		
		HP 0.12		HP 0.06						SD 15.75	HP 0.14					

Friday June 14, 2002 through Saturday June 15, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
14 00	262 07.07	140 31.70	N22 18.01	160 15.42	N24 02.08	151 13.69	N22 19.05	183 55.15	N21 42.50	179 58.59	N23 14.57	138 54.28	06.44	N23 35.06	05.28	58.23
01	277 09.54	155 31.07	N22 17.40	175 16.11	N24 01.96	166 15.59	N22 18.98	198 57.27	N21 42.53	194 58.45	N23 14.70	153 19.72	06.47	N23 29.79	05.43	58.25
02	292 12.00	170 30.43	N22 16.80	190 16.79	N24 01.83	181 17.48	N22 18.90	213 59.38	N21 42.56	209 58.32	N23 14.83	167 45.19	06.50	N23 24.36	05.57	58.27
03	307 14.47	185 29.79	N22 16.19	205 17.48	N24 01.71	196 19.38	N22 18.83	229 01.50	N21 42.59	224 58.19	N23 14.95	182 10.70	06.54	N23 18.79	05.72	58.28
04	322 16.93	200 29.16	N22 15.58	220 18.16	N24 01.58	211 21.28	N22 18.76	244 03.62	N21 42.62	239 58.06	N23 15.08	196 36.23	06.57	N23 13.07	05.87	58.30
05	337 19.39	215 28.52	N22 14.97	235 18.85	N24 01.46	226 23.17	N22 18.69	259 05.73	N21 42.65	254 57.92	N23 15.21	211 01.80	06.61	N23 07.20	06.01	58.32
06	352 21.86	230 27.89	N22 14.36	250 19.53	N24 01.33	241 25.07	N22 18.61	274 07.85	N21 42.68	269 57.79	N23 15.34	225 27.41	06.64	N23 01.19	06.16	58.33
07	007 24.32	245 27.26	N22 13.75	265 20.22	N24 01.20	256 26.97	N22 18.54	289 09.96	N21 42.71	284 57.66	N23 15.46	239 53.06	06.68	N22 55.03	06.30	58.35
08	022 26.79	260 26.62	N22 13.14	280 20.90	N24 01.08	271 28.86	N22 18.47	304 12.08	N21 42.74	299 57.53	N23 15.59	254 18.74	06.72	N22 48.73	06.45	58.37
09	037 29.25	275 25.99	N22 12.52	295 21.59	N24 00.95	286 30.76	N22 18.40	319 14.20	N21 42.77	314 57.39	N23 15.71	268 44.46	06.76	N22 42.28	06.59	58.38
10	052 31.72	290 25.36	N22 11.91	310 22.28	N24 00.82	301 32.66	N22 18.33	334 16.31	N21 42.79	329 57.26	N23 15.83	283 10.23	06.81	N22 35.69	06.73	58.40
11	067 34.18	305 24.73	N22 11.29	325 22.96	N24 00.69	316 34.55	N22 18.25	349 18.43	N21 42.82	344 57.13	N23 15.96	297 36.03	06.85	N22 28.96	06.87	58.42
12	082 36.64	320 24.10	N22 10.68	340 23.65	N24 00.56	331 36.45	N22 18.18	004 20.55	N21 42.85	359 56.99	N23 16.08	312 01.88	06.89	N22 22.09	07.01	58.43
13	097 39.11	335 23.47	N22 10.06	355 24.33	N24 00.43	346 38.35	N22 18.11	019 22.66	N21 42.88	014 56.86	N23 16.20	326 27.77	06.94	N22 15.08	07.15	58.45
14	112 41.57	350 22.84	N22 09.44	010 25.02	N24 00.31	001 40.24	N22 18.04	034 24.78	N21 42.91	029 56.73	N23 16.32	340 53.71	06.98	N22 07.93	07.29	58.46
15	127 44.04	005 22.21	N22 08.82	025 25.70	N24 00.18	016 42.14	N22 17.96	049 26.89	N21 42.94	044 56.59	N23 16.44	355 19.69	07.03	N22 00.64	07.43	58.48
16	142 46.50	020 21.59	N22 08.20	040 26.39	N24 00.05	031 44.04	N22 17.89	064 29.01	N21 42.97	059 56.46	N23 16.56	009 45.72	07.08	N21 53.21	07.56	58.49
17	157 48.97	035 20.96	N22 07.58	055 27.08	N23 59.92	046 45.93	N22 17.82	079 31.13	N21 43.00	074 56.33	N23 16.68	024 11.79	07.12	N21 45.65	07.70	58.51
18	172 51.43	050 20.33	N22 06.96	070 27.76	N23 59.79	061 47.83	N22 17.75	094 33.24	N21 43.03	089 56.19	N23 16.79	038 37.92	07.17	N21 37.95	07.84	58.52
19	187 53.89	065 19.71	N22 06.33	085 28.45	N23 59.65	076 49.72	N22 17.67	109 35.36	N21 43.05	104 56.06	N23 16.91	053 04.09	07.22	N21 30.11	07.97	58.54
20	202 56.36	080 19.08	N22 05.71	100 29.14	N23 59.52	091 51.62	N22 17.60	124 37.48	N21 43.08	119 55.93	N23 17.03	067 30.31	07.27	N21 22.14	08.10	58.55
21	217 58.82	095 18.46	N22 05.08	115 29.82	N23 59.39	106 53.52	N22 17.53	139 39.59	N21 43.11	134 55.79	N23 17.14	081 56.59	07.33	N21 14.04	08.23	58.57
22	233 01.29	110 17.83	N22 04.46	130 30.51	N23 59.26	121 55.41	N22 17.45	154 41.71	N21 43.14	149 55.66	N23 17.26	096 22.91	07.38	N21 05.80	08.37	58.58
23	248 03.75	125 17.21	N22 03.83	145 31.20	N23 59.13	136 57.31	N22 17.38	169 43.83	N21 43.17	164 55.53	N23 17.37	110 49.29	07.43	N20 57.44	08.50	58.60
15 00	263 06.21	140 16.59	N22 03.20	160 31.88	N23 59.00	151 59.20	N22 17.31	184 45.94	N21 43.20	179 55.39	N23 17.48	125 15.72	07.48	N20 48.94	08.62	58.61
01	278 08.68	155 15.96	N22 02.57	175 32.57	N23 58.86	167 01.10	N22 17.24	199 48.06	N21 43.23	194 55.26	N23 17.60	139 42.20	07.54	N20 40.32	08.75	58.63
02	293 11.14	170 15.34	N22 01.94	190 33.26	N23 58.73	182 02.99	N22 17.16	214 50.17	N21 43.26	209 55.13	N23 17.71	154 08.74	07.59	N20 31.57	08.88	58.64
03	308 13.61	185 14.72	N22 01.31	205 33.94	N23 58.60	197 04.89	N22 17.09	229 52.29	N21 43.28	224 54.99	N23 17.82	168 35.33	07.65	N20 22.69	09.00	58.65
04	323 16.07	200 14.10	N22 00.67	220 34.63	N23 58.46	212 06.79	N22 17.02	244 54.41	N21 43.31	239 54.86	N23 17.93	183 01.98	07.70	N20 13.68	09.13	58.67
05	338 18.54	215 13.48	N22 00.04	235 35.32	N23 58.33	227 08.68	N22 16.94	259 56.52	N21 43.34	254 54.72	N23 18.04	197 28.68	07.76	N20 04.56	09.25	58.68
06	353 21.00	230 12.86	N21 59.41	250 36.01	N23 58.19	242 10.58	N22 16.87	274 58.64	N21 43.37	269 54.59	N23 18.15	211 55.44	07.81	N19 55.30	09.37	58.69
07	008 23.46	245 12.24	N21 58.77	265 36.69	N23 58.06	257 12.47	N22 16.80	290 00.76	N21 43.40	284 54.46	N23 18.26	226 22.25	07.87	N19 45.93	09.50	58.71
08	023 25.93	260 11.63	N21 58.13	280 37.38	N23 57.93	272 14.37	N22 16.72	305 02.87	N21 43.43	299 54.32	N23 18.36	240 49.12	07.93	N19 36.43	09.62	58.72
09	038 28.39	275 11.01	N21 57.50	295 38.07	N23 57.79	287 16.26	N22 16.65	320 04.99	N21 43.46	314 54.19	N23 18.47	255 16.05	07.98	N19 26.82	09.73	58.73
10	053 30.86	290 10.39	N21 56.86	310 38.76	N23 57.65	302 18.16	N22 16.58	335 07.11	N21 43.48	329 54.05	N23 18.58	269 43.03	08.04	N19 17.08	09.85	58.75
11	068 33.32	305 09.78	N21 56.22	325 39.45	N23 57.52	317 20.05	N22 16.50	350 09.22	N21 43.51	344 53.92	N23 18.68	284 10.07	08.10	N19 07.23	09.97	58.76
12	083 35.78	320 09.16	N21 55.58	340 40.13	N23 57.38	332 21.95	N22 16.43	005 11.34	N21 43.54	359 53.79	N23 18.79	298 37.17	08.16	N18 57.26	10.08	58.77
13	098 38.25	335 08.55	N21 54.93	355 40.82	N23 57.24	347 23.84	N22 16.36	020 13.46	N21 43.57	014 53.65	N23 18.89	313 04.33	08.22	N18 47.18	10.20	58.78
14	113 40.71	350 07.93	N21 54.29	010 41.51	N23 57.11	002 25.74	N22 16.28	035 15.57	N21 43.60	029 53.52	N23 18.99	327 31.54	08.27	N18 36.98	10.31	58.80
15	128 43.18	005 07.32	N21 53.65	025 42.20	N23 56.97	017 27.63	N22 16.21	050 17.69	N21 43.63	044 53.38	N23 19.10	341 58.82	08.33	N18 26.67	10.42	58.81
16	143 45.64	020 06.71	N21 53.00	040 42.89	N23 56.83	032 29.53	N22 16.14	065 19.80	N21 43.66	059 53.25	N23 19.20	356 26.15	08.39	N18 16.25	10.53	58.82
17	158 48.10	035 06.09	N21 52.36	055 43.58	N23 56.69	047 31.42	N22 16.06	080 21.92	N21 43.68	074 53.11	N23 19.30	010 53.54	08.45	N18 05.72	10.64	58.83
18	173 50.57	050 05.48	N21 51.71	070 44.27	N23 56.56	062 33.32	N22 15.99	095 24.04	N21 43.71	089 52.98	N23 19.40	025 20.99	08.51	N17 55.07	10.75	58.85
19	188 53.03	065 04.87	N21 51.06	085 44.96	N23 56.42	077 35.21	N22 15.91	110 26.15	N21 43.74	104 52.85	N23 19.50	039 48.49	08.56	N17 44.32	10.86	58.86
20	203 55.50	080 04.26	N21 50.41	100 45.64	N23 56.28	092 37.10	N22 15.84	125 28.27	N21 43.77	119 52.71	N23 19.60	054 16.06	08.62	N17 33.47	10.96	58.87
21	218 57.96	095 03.65	N21 49.77	115 46.33	N23 56.14	107 39.00	N22 15.77	140 30.39	N21 43.80	134 52.58	N23 19.70	068 43.68	08.68	N17 22.51	11.07	58.88
22	234 00.43	110 03.04	N21 49.11	130 47.02	N23 56.00	122 40.89	N22 15.69	155 32.50	N21 43.83	149 52.44	N23 19.79	083 11.36	08.74	N17 11.44	11.17	58.89
23	249 02.89	125 02.43	N21 48.46	145 47.71	N23 55.86	137 42.79	N22 15.62	170 34.62	N21 43.85	164 52.31	N23 19.89	097 39.10	08.80	N17 00.27	11.27	58.90
		v -0.62	d 0.63	v 0.69	d 0.13	v 1.90	d 0.07	v 2.12	d 0.03	v -0.13	d 0.11	SD	15.92	16.01		
		HP 0.12		HP 0.06						SD 15.75	HP 0.14					

Sunday June 16, 2002 through Monday June 17, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
16 00	264 05.35	140 01.83	N21 47.81	160 48.40	N23 55.72	152 44.68	N22 15.55	185 36.74	N21 43.88	179 52.17	N23 19.99	112 06.90	08.86	N16 49.00	11.37	58.91
01	279 07.82	155 01.22	N21 47.16	175 49.09	N23 55.58	167 46.58	N22 15.47	200 38.85	N21 43.91	194 52.04	N23 20.08	126 34.75	08.91	N16 37.63	11.47	58.93
02	294 10.28	170 00.61	N21 46.50	190 49.78	N23 55.44	182 48.47	N22 15.40	215 40.97	N21 43.94	209 51.90	N23 20.18	141 02.67	08.97	N16 26.16	11.57	58.94
03	309 12.75	185 00.01	N21 45.85	205 50.47	N23 55.30	197 50.36	N22 15.32	230 43.09	N21 43.97	224 51.77	N23 20.27	155 30.64	09.03	N16 14.59	11.66	58.95
04	324 15.21	199 59.40	N21 45.19	220 51.16	N23 55.16	212 52.26	N22 15.25	245 45.20	N21 44.00	239 51.63	N23 20.36	169 58.67	09.08	N16 02.93	11.76	58.96
05	339 17.67	214 58.80	N21 44.53	235 51.85	N23 55.01	227 54.15	N22 15.18	260 47.32	N21 44.02	254 51.50	N23 20.46	184 26.75	09.14	N15 51.17	11.85	58.97
06	354 20.14	229 58.19	N21 43.87	250 52.54	N23 54.87	242 56.05	N22 15.10	275 49.44	N21 44.05	269 51.36	N23 20.55	198 54.89	09.20	N15 39.32	11.95	58.98
07	009 22.60	244 57.59	N21 43.21	265 53.23	N23 54.73	257 57.94	N22 15.03	290 51.55	N21 44.08	284 51.23	N23 20.64	213 23.09	09.25	N15 27.37	12.04	58.99
08	024 25.07	259 56.99	N21 42.55	280 53.92	N23 54.59	272 59.83	N22 14.95	305 53.67	N21 44.11	299 51.09	N23 20.73	227 51.34	09.31	N15 15.34	12.13	59.00
09	039 27.53	274 56.39	N21 41.89	295 54.61	N23 54.44	288 01.73	N22 14.88	320 55.79	N21 44.14	314 50.96	N23 20.82	242 19.65	09.36	N15 03.21	12.21	59.01
10	054 30.00	289 55.78	N21 41.23	310 55.30	N23 54.30	303 03.62	N22 14.80	335 57.90	N21 44.17	329 50.82	N23 20.91	256 48.02	09.42	N14 50.99	12.30	59.02
11	069 32.46	304 55.18	N21 40.57	325 55.99	N23 54.15	318 05.51	N22 14.73	351 00.02	N21 44.19	344 50.69	N23 21.00	271 16.44	09.47	N14 38.69	12.39	59.03
12	084 34.92	319 54.58	N21 39.90	340 56.69	N23 54.01	333 07.41	N22 14.66	006 02.14	N21 44.22	359 50.55	N23 21.08	285 44.91	09.53	N14 26.30	12.47	59.04
13	099 37.39	334 53.98	N21 39.24	355 57.38	N23 53.87	348 09.30	N22 14.58	021 04.25	N21 44.25	014 50.42	N23 21.17	300 13.44	09.58	N14 13.83	12.56	59.05
14	114 39.85	349 53.38	N21 38.57	010 58.07	N23 53.72	003 11.19	N22 14.51	036 06.37	N21 44.28	029 50.28	N23 21.26	314 42.02	09.63	N14 01.28	12.64	59.06
15	129 42.32	004 52.79	N21 37.90	025 58.76	N23 53.58	018 13.09	N22 14.43	051 08.49	N21 44.31	044 50.15	N23 21.34	329 10.65	09.69	N13 48.64	12.72	59.07
16	144 44.78	019 52.19	N21 37.24	040 59.45	N23 53.43	033 14.98	N22 14.36	066 10.61	N21 44.33	059 50.01	N23 21.43	343 39.33	09.74	N13 35.92	12.80	59.08
17	159 47.24	034 51.59	N21 36.57	056 00.14	N23 53.28	048 16.87	N22 14.28	081 12.72	N21 44.36	074 49.88	N23 21.51	358 08.07	09.79	N13 23.12	12.87	59.08
18	174 49.71	049 51.00	N21 35.90	071 00.83	N23 53.14	063 18.77	N22 14.21	096 14.84	N21 44.39	089 49.74	N23 21.59	012 36.86	09.84	N13 10.25	12.95	59.09
19	189 52.17	064 50.40	N21 35.22	086 01.52	N23 52.99	078 20.66	N22 14.13	111 16.96	N21 44.42	104 49.61	N23 21.68	027 05.70	09.89	N12 57.30	13.03	59.10
20	204 54.64	079 49.80	N21 34.55	101 02.22	N23 52.84	093 22.55	N22 14.06	126 19.07	N21 44.45	119 49.47	N23 21.76	041 34.58	09.94	N12 44.27	13.10	59.11
21	219 57.10	094 49.21	N21 33.88	116 02.91	N23 52.70	108 24.45	N22 13.98	141 21.19	N21 44.47	134 49.34	N23 21.84	056 03.52	09.99	N12 31.17	13.17	59.12
22	234 59.56	109 48.62	N21 33.21	131 03.60	N23 52.55	123 26.34	N22 13.91	156 23.31	N21 44.50	149 49.20	N23 21.92	070 32.51	10.03	N12 18.00	13.24	59.13
23	250 02.03	124 48.02	N21 32.53	146 04.29	N23 52.40	138 28.23	N22 13.83	171 25.42	N21 44.53	164 49.07	N23 22.00	085 01.54	10.08	N12 04.76	13.31	59.13
17 00	265 04.49	139 47.43	N21 31.85	161 04.98	N23 52.25	153 30.13	N22 13.76	186 27.54	N21 44.56	179 48.93	N23 22.08	099 30.62	10.13	N11 51.44	13.38	59.14
01	280 06.96	154 46.84	N21 31.18	176 05.68	N23 52.11	168 32.02	N22 13.68	201 29.66	N21 44.59	194 48.80	N23 22.16	113 59.75	10.17	N11 38.06	13.45	59.15
02	295 09.42	169 46.25	N21 30.50	191 06.37	N23 51.96	183 33.91	N22 13.61	216 31.77	N21 44.61	209 48.66	N23 22.23	128 28.92	10.22	N11 24.61	13.51	59.16
03	310 11.88	184 45.66	N21 29.82	206 07.06	N23 51.81	198 35.80	N22 13.53	231 33.89	N21 44.64	224 48.53	N23 22.31	142 58.14	10.26	N11 11.10	13.58	59.17
04	325 14.35	199 45.07	N21 29.14	221 07.75	N23 51.66	213 37.70	N22 13.46	246 36.01	N21 44.67	239 48.39	N23 22.39	157 27.40	10.30	N10 57.52	13.64	59.17
05	340 16.81	214 44.48	N21 28.46	236 08.45	N23 51.51	228 39.59	N22 13.38	261 38.12	N21 44.70	254 48.26	N23 22.46	171 56.70	10.35	N10 43.88	13.70	59.18
06	355 19.28	229 43.89	N21 27.78	251 09.14	N23 51.36	243 41.48	N22 13.31	276 40.24	N21 44.72	269 48.12	N23 22.54	186 26.05	10.39	N10 30.18	13.76	59.19
07	010 21.74	244 43.30	N21 27.09	266 09.83	N23 51.21	258 43.37	N22 13.23	291 42.36	N21 44.75	284 47.98	N23 22.61	200 55.44	10.43	N10 16.41	13.82	59.20
08	025 24.21	259 42.71	N21 26.41	281 10.53	N23 51.06	273 45.27	N22 13.16	306 44.48	N21 44.78	299 47.85	N23 22.68	215 24.87	10.47	N10 02.59	13.88	59.20
09	040 26.67	274 42.13	N21 25.73	296 11.22	N23 50.91	288 47.16	N22 13.08	321 46.59	N21 44.81	314 47.71	N23 22.76	229 54.34	10.51	N09 48.71	13.94	59.21
10	055 29.13	289 41.54	N21 25.04	311 11.91	N23 50.75	303 49.05	N22 13.01	336 48.71	N21 44.84	329 47.58	N23 22.83	244 23.85	10.55	N09 34.78	13.99	59.22
11	070 31.60	304 40.96	N21 24.35	326 12.61	N23 50.60	318 50.94	N22 12.93	351 50.83	N21 44.86	344 47.44	N23 22.90	258 53.40	10.59	N09 20.79	14.04	59.22
12	085 34.06	319 40.37	N21 23.67	341 13.30	N23 50.45	333 52.83	N22 12.86	006 52.94	N21 44.89	359 47.31	N23 22.97	273 22.98	10.62	N09 06.74	14.10	59.23
13	100 36.53	334 39.79	N21 22.98	356 13.99	N23 50.30	348 54.73	N22 12.78	021 55.06	N21 44.92	014 47.17	N23 23.04	287 52.61	10.66	N08 52.65	14.15	59.24
14	115 38.99	349 39.20	N21 22.29	011 14.69	N23 50.15	003 56.62	N22 12.71	036 57.18	N21 44.95	029 47.04	N23 23.11	302 22.26	10.69	N08 38.50	14.19	59.24
15	130 41.45	004 38.62	N21 21.60	026 15.38	N23 49.99	018 58.51	N22 12.63	051 59.30	N21 44.97	044 46.90	N23 23.18	316 51.95	10.73	N08 24.31	14.24	59.25
16	145 43.92	019 38.04	N21 20.91	041 16.07	N23 49.84	034 00.40	N22 12.55	067 01.41	N21 45.00	059 46.76	N23 23.24	331 21.68	10.76	N08 10.07	14.29	59.25
17	160 46.38	034 37.46	N21 20.21	056 16.77	N23 49.69	049 02.29	N22 12.48	082 03.53	N21 45.03	074 46.63	N23 23.31	345 51.44	10.79	N07 55.78	14.33	59.26
18	175 48.85	049 36.88	N21 19.52	071 17.46	N23 49.53	064 04.19	N22 12.40	097 05.65	N21 45.06	089 46.49	N23 23.38	000 21.23	10.82	N07 41.44	14.38	59.27
19	190 51.31	064 36.30	N21 18.83	086 18.16	N23 49.38	079 06.08	N22 12.33	112 07.76	N21 45.08	104 46.36	N23 23.44	014 51.05	10.85	N07 27.06	14.42	59.27
20	205 53.77	079 35.72	N21 18.13	101 18.85	N23 49.22	094 07.97	N22 12.25	127 09.88	N21 45.11	119 46.22	N23 23.51	029 20.90	10.88	N07 12.64	14.46	59.28
21	220 56.24	094 35.14	N21 17.43	116 19.55	N23 49.07	109 09.86	N22 12.18	142 12.00	N21 45.14	134 46.09	N23 23.57	043 50.78	10.91	N06 58.18	14.50	59.28
22	235 58.70	109 34.56	N21 16.74	131 20.24	N23 48.91	124 11.75	N22 12.10	157 14.12	N21 45.17	149 45.95	N23 23.63	058 20.69	10.94	N06 43.68	14.54	59.29
23	251 01.17	124 33.98	N21 16.04	146 20.94	N23 48.76	139 13.64	N22 12.02	172 16.23	N21 45.19	164 45.81	N23 23.69	072 50.63	10.96	N06 29.14	14.58	59.29
		v -0.59	d 0.68	v 0.69	d 0.15	v 1.89	d 0.07	v 2.12	d 0.03	v -0.14	d 0.08	SD	16.09	16.14		
		HP 0.12		HP 0.06						SD 15.74	HP 0.14					

Tuesday June 18, 2002 through Wednesday June 19, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
18 00	266 03.63	139 33.41	N21 15.34	161 21.63	N23 48.60	154 15.54	N22 11.95	187 18.35	N21 45.22	179 45.68	N23 23.76	087 20.59	10.99	N06 14.57	14.61	59.30
01	281 06.09	154 32.83	N21 14.64	176 22.33	N23 48.44	169 17.43	N22 11.87	202 20.47	N21 45.25	194 45.54	N23 23.82	101 50.57	11.01	N05 59.95	14.65	59.30
02	296 08.56	169 32.25	N21 13.94	191 23.02	N23 48.29	184 19.32	N22 11.80	217 22.58	N21 45.28	209 45.41	N23 23.88	116 20.58	11.03	N05 45.31	14.68	59.31
03	311 11.02	184 31.68	N21 13.24	206 23.72	N23 48.13	199 21.21	N22 11.72	232 24.70	N21 45.30	224 45.27	N23 23.94	130 50.62	11.05	N05 30.63	14.71	59.31
04	326 13.49	199 31.11	N21 12.53	221 24.41	N23 47.97	214 23.10	N22 11.64	247 26.82	N21 45.33	239 45.14	N23 24.00	145 20.67	11.08	N05 15.92	14.74	59.31
05	341 15.95	214 30.53	N21 11.83	236 25.11	N23 47.82	229 24.99	N22 11.57	262 28.94	N21 45.36	254 45.00	N23 24.05	159 50.75	11.10	N05 01.18	14.77	59.32
06	356 18.42	229 29.96	N21 11.13	251 25.80	N23 47.66	244 26.88	N22 11.49	277 31.05	N21 45.39	269 44.86	N23 24.11	174 20.84	11.11	N04 46.41	14.80	59.32
07	011 20.88	244 29.39	N21 10.42	266 26.50	N23 47.50	259 28.78	N22 11.41	292 33.17	N21 45.41	284 44.73	N23 24.17	188 50.95	11.13	N04 31.61	14.82	59.33
08	026 23.34	259 28.81	N21 09.71	281 27.19	N23 47.34	274 30.67	N22 11.34	307 35.29	N21 45.44	299 44.59	N23 24.22	203 21.09	11.15	N04 16.79	14.85	59.33
09	041 25.81	274 28.24	N21 09.01	296 27.89	N23 47.18	289 32.56	N22 11.26	322 37.41	N21 45.47	314 44.46	N23 24.28	217 51.23	11.16	N04 01.94	14.87	59.33
10	056 28.27	289 27.67	N21 08.30	311 28.59	N23 47.02	304 34.45	N22 11.19	337 39.52	N21 45.50	329 44.32	N23 24.33	232 21.40	11.18	N03 47.07	14.89	59.34
11	071 30.74	304 27.10	N21 07.59	326 29.28	N23 46.86	319 36.34	N22 11.11	352 41.64	N21 45.52	344 44.18	N23 24.39	246 51.58	11.19	N03 32.18	14.91	59.34
12	086 33.20	319 26.53	N21 06.88	341 29.98	N23 46.70	334 38.23	N22 11.03	007 43.76	N21 45.55	359 44.05	N23 24.44	261 21.77	11.20	N03 17.27	14.93	59.34
13	101 35.66	334 25.97	N21 06.17	356 30.68	N23 46.54	349 40.12	N22 10.96	022 45.88	N21 45.58	014 43.91	N23 24.49	275 51.97	11.21	N03 02.34	14.95	59.35
14	116 38.13	349 25.40	N21 05.45	011 31.37	N23 46.38	004 42.01	N22 10.88	037 47.99	N21 45.60	029 43.78	N23 24.54	290 22.19	11.22	N02 47.39	14.97	59.35
15	131 40.59	004 24.83	N21 04.74	026 32.07	N23 46.22	019 43.90	N22 10.80	052 50.11	N21 45.63	044 43.64	N23 24.59	304 52.41	11.23	N02 32.42	14.98	59.35
16	146 43.06	019 24.27	N21 04.03	041 32.77	N23 46.06	034 45.79	N22 10.73	067 52.23	N21 45.66	059 43.51	N23 24.65	319 22.64	11.24	N02 17.44	14.99	59.35
17	161 45.52	034 23.70	N21 03.31	056 33.46	N23 45.90	049 47.68	N22 10.65	082 54.35	N21 45.69	074 43.37	N23 24.69	333 52.89	11.25	N02 02.45	15.01	59.36
18	176 47.98	049 23.13	N21 02.60	071 34.16	N23 45.74	064 49.57	N22 10.57	097 56.46	N21 45.71	089 43.23	N23 24.74	348 23.13	11.25	N01 47.44	15.02	59.36
19	191 50.45	064 22.57	N21 01.88	086 34.86	N23 45.57	079 51.46	N22 10.50	112 58.58	N21 45.74	104 43.10	N23 24.79	002 53.39	11.26	N01 32.42	15.03	59.36
20	206 52.91	079 22.01	N21 01.16	101 35.55	N23 45.41	094 53.35	N22 10.42	128 00.70	N21 45.77	119 42.96	N23 24.84	017 23.65	11.26	N01 17.39	15.04	59.36
21	221 55.38	094 21.44	N21 00.44	116 36.25	N23 45.25	109 55.24	N22 10.34	143 02.82	N21 45.79	134 42.83	N23 24.89	031 53.91	11.26	N01 02.36	15.04	59.36
22	236 57.84	109 20.88	N20 59.72	131 36.95	N23 45.09	124 57.14	N22 10.27	158 04.93	N21 45.82	149 42.69	N23 24.93	046 24.17	11.27	N00 47.32	15.05	59.36
23	252 00.30	124 20.32	N20 59.00	146 37.65	N23 44.92	139 59.03	N22 10.19	173 07.05	N21 45.85	164 42.55	N23 24.98	060 54.44	11.27	N00 32.27	15.05	59.37
19 00	267 02.77	139 19.76	N20 58.28	161 38.34	N23 44.76	155 00.92	N22 10.11	188 09.17	N21 45.88	179 42.42	N23 25.02	075 24.70	11.27	N00 17.22	15.05	59.37
01	282 05.23	154 19.20	N20 57.56	176 39.04	N23 44.59	170 02.81	N22 10.04	203 11.29	N21 45.90	194 42.28	N23 25.06	089 54.97	11.26	N00 02.17	15.05	59.37
02	297 07.70	169 18.64	N20 56.83	191 39.74	N23 44.43	185 04.70	N22 09.96	218 13.40	N21 45.93	209 42.15	N23 25.11	104 25.23	11.26	S00 12.89	15.05	59.37
03	312 10.16	184 18.08	N20 56.11	206 40.44	N23 44.27	200 06.59	N22 09.88	233 15.52	N21 45.96	224 42.01	N23 25.15	118 55.49	11.26	S00 27.94	15.05	59.37
04	327 12.62	199 17.52	N20 55.38	221 41.14	N23 44.10	215 08.48	N22 09.80	248 17.64	N21 45.98	239 41.87	N23 25.19	133 25.75	11.25	S00 43.00	15.05	59.37
05	342 15.09	214 16.96	N20 54.66	236 41.83	N23 43.94	230 10.37	N22 09.73	263 19.76	N21 46.01	254 41.74	N23 25.23	147 56.00	11.24	S00 58.05	15.05	59.37
06	357 17.55	229 16.41	N20 53.93	251 42.53	N23 43.77	245 12.26	N22 09.65	278 21.88	N21 46.04	269 41.60	N23 25.27	162 26.24	11.24	S01 13.09	15.04	59.37
07	012 20.02	244 15.85	N20 53.20	266 43.23	N23 43.60	260 14.15	N22 09.57	293 23.99	N21 46.06	284 41.47	N23 25.31	176 56.48	11.23	S01 28.13	15.03	59.37
08	027 22.48	259 15.29	N20 52.47	281 43.93	N23 43.44	275 16.04	N22 09.49	308 26.11	N21 46.09	299 41.33	N23 25.35	191 26.71	11.22	S01 43.17	15.02	59.37
09	042 24.95	274 14.74	N20 51.74	296 44.63	N23 43.27	290 17.92	N22 09.42	323 28.23	N21 46.12	314 41.19	N23 25.39	205 56.92	11.21	S01 58.19	15.01	59.37
10	057 27.41	289 14.18	N20 51.01	311 45.33	N23 43.10	305 19.81	N22 09.34	338 30.35	N21 46.15	329 41.06	N23 25.42	220 27.13	11.20	S02 13.21	15.00	59.37
11	072 29.87	304 13.63	N20 50.28	326 46.03	N23 42.94	320 21.70	N22 09.26	353 32.46	N21 46.17	344 40.92	N23 25.46	234 57.33	11.18	S02 28.21	14.99	59.37
12	087 32.34	319 13.08	N20 49.55	341 46.73	N23 42.77	335 23.59	N22 09.19	008 34.58	N21 46.20	359 40.79	N23 25.50	249 27.51	11.17	S02 43.20	14.98	59.37
13	102 34.80	334 12.53	N20 48.81	356 47.42	N23 42.60	350 25.48	N22 09.11	023 36.70	N21 46.23	014 40.65	N23 25.53	263 57.68	11.15	S02 58.18	14.96	59.37
14	117 37.27	349 11.97	N20 48.08	011 48.12	N23 42.43	005 27.37	N22 09.03	038 38.82	N21 46.25	029 40.51	N23 25.57	278 27.83	11.14	S03 13.14	14.94	59.37
15	132 39.73	004 11.42	N20 47.34	026 48.82	N23 42.26	020 29.26	N22 08.95	053 40.94	N21 46.28	044 40.38	N23 25.60	292 57.97	11.12	S03 28.08	14.93	59.37
16	147 42.19	019 10.87	N20 46.61	041 49.52	N23 42.09	035 31.15	N22 08.87	068 43.05	N21 46.31	059 40.24	N23 25.63	307 28.09	11.10	S03 43.01	14.91	59.36
17	162 44.66	034 10.32	N20 45.87	056 50.22	N23 41.93	050 33.04	N22 08.80	083 45.17	N21 46.33	074 40.11	N23 25.66	321 58.19	11.08	S03 57.91	14.88	59.36
18	177 47.12	049 09.77	N20 45.13	071 50.92	N23 41.76	065 34.93	N22 08.72	098 47.29	N21 46.36	089 39.97	N23 25.70	336 28.27	11.06	S04 12.80	14.86	59.36
19	192 49.59	064 09.23	N20 44.39	086 51.62	N23 41.59	080 36.82	N22 08.64	113 49.41	N21 46.39	104 39.83	N23 25.73	350 58.34	11.04	S04 27.66	14.84	59.36
20	207 52.05	079 08.68	N20 43.65	101 52.32	N23 41.42	095 38.71	N22 08.56	128 51.53	N21 46.41	119 39.70	N23 25.76	005 28.38	11.02	S04 42.50	14.81	59.36
21	222 54.51	094 08.13	N20 42.91	116 53.02	N23 41.25	110 40.60	N22 08.49	143 53.64	N21 46.44	134 39.56	N23 25.79	019 58.39	10.99	S04 57.31	14.79	59.35
22	237 56.98	109 07.58	N20 42.17	131 53.72	N23 41.07	125 42.49	N22 08.41	158 55.76	N21 46.47	149 39.43	N23 25.81	034 28.39	10.97	S05 12.10	14.76	59.35
23	252 59.44	124 07.04	N20 41.43	146 54.42	N23 40.90	140 44.38	N22 08.33	173 57.88	N21 46.49	164 39.29	N23 25.84	048 58.36	10.95	S05 26.85	14.73	59.35
		v -0.56	d 0.72	v 0.70	d 0.16	v 1.89	d 0.08	v 2.12	d 0.03	v -0.14	d 0.04	SD	16.17	16.18		
		HP 0.12		HP 0.06						SD 15.74	HP 0.14					

Thursday June 20, 2002 through Friday June 21, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
20 00	268 01.91	139 06.49	N20 40.68	161 55.12	N23 40.73	155 46.26	N22 08.25	188 60.00	N21 46.52	179 39.15	N23 25.87	063 28.31	10.92	S05 41.58	14.70	59.35
01	283 04.37	154 05.95	N20 39.94	176 55.83	N23 40.56	170 48.15	N22 08.17	204 02.12	N21 46.55	194 39.02	N23 25.90	077 58.22	10.89	S05 56.28	14.66	59.34
02	298 06.83	169 05.41	N20 39.19	191 56.53	N23 40.39	185 50.04	N22 08.10	219 04.23	N21 46.57	209 38.88	N23 25.92	092 28.12	10.86	S06 10.95	14.63	59.34
03	313 09.30	184 04.86	N20 38.45	206 57.23	N23 40.21	200 51.93	N22 08.02	234 06.35	N21 46.60	224 38.75	N23 25.95	106 57.98	10.83	S06 25.58	14.60	59.34
04	328 11.76	199 04.32	N20 37.70	221 57.93	N23 40.04	215 53.82	N22 07.94	249 08.47	N21 46.63	239 38.61	N23 25.97	121 27.81	10.80	S06 40.17	14.56	59.33
05	343 14.23	214 03.78	N20 36.95	236 58.63	N23 39.87	230 55.71	N22 07.86	264 10.59	N21 46.65	254 38.48	N23 25.99	135 57.61	10.77	S06 54.73	14.52	59.33
06	358 16.69	229 03.24	N20 36.20	251 59.33	N23 39.70	245 57.60	N22 07.78	279 12.71	N21 46.68	269 38.34	N23 26.02	150 27.39	10.74	S07 09.25	14.48	59.33
07	013 19.16	244 02.70	N20 35.45	267 00.03	N23 39.52	260 59.49	N22 07.71	294 14.82	N21 46.71	284 38.20	N23 26.04	164 57.13	10.71	S07 23.73	14.44	59.32
08	028 21.62	259 02.16	N20 34.70	282 00.73	N23 39.35	276 01.37	N22 07.63	309 16.94	N21 46.73	299 38.07	N23 26.06	179 26.83	10.67	S07 38.17	14.40	59.32
09	043 24.08	274 01.62	N20 33.95	297 01.44	N23 39.17	291 03.26	N22 07.55	324 19.06	N21 46.76	314 37.93	N23 26.08	193 56.50	10.64	S07 52.57	14.35	59.31
10	058 26.55	289 01.08	N20 33.20	312 02.14	N23 39.00	306 05.15	N22 07.47	339 21.18	N21 46.78	329 37.80	N23 26.10	208 26.14	10.60	S08 06.93	14.31	59.31
11	073 29.01	304 00.54	N20 32.44	327 02.84	N23 38.82	321 07.04	N22 07.39	354 23.30	N21 46.81	344 37.66	N23 26.12	222 55.74	10.56	S08 21.23	14.26	59.30
12	088 31.48	319 00.01	N20 31.69	342 03.54	N23 38.65	336 08.93	N22 07.31	009 25.42	N21 46.84	359 37.52	N23 26.14	237 25.31	10.53	S08 35.50	14.21	59.30
13	103 33.94	333 59.47	N20 30.93	357 04.24	N23 38.47	351 10.82	N22 07.23	024 27.53	N21 46.86	014 37.39	N23 26.16	251 54.83	10.49	S08 49.71	14.16	59.29
14	118 36.40	348 58.93	N20 30.18	012 04.95	N23 38.30	006 12.71	N22 07.16	039 29.65	N21 46.89	029 37.25	N23 26.17	266 24.32	10.45	S09 03.88	14.11	59.29
15	133 38.87	003 58.40	N20 29.42	027 05.65	N23 38.12	021 14.59	N22 07.08	054 31.77	N21 46.92	044 37.12	N23 26.19	280 53.77	10.41	S09 17.99	14.06	59.28
16	148 41.33	018 57.87	N20 28.66	042 06.35	N23 37.94	036 16.48	N22 07.00	069 33.89	N21 46.94	059 36.98	N23 26.21	295 23.18	10.37	S09 32.05	14.01	59.27
17	163 43.80	033 57.33	N20 27.90	057 07.05	N23 37.77	051 18.37	N22 06.92	084 36.01	N21 46.97	074 36.85	N23 26.22	309 52.55	10.33	S09 46.06	13.95	59.27
18	178 46.26	048 56.80	N20 27.14	072 07.76	N23 37.59	066 20.26	N22 06.84	099 38.13	N21 47.00	089 36.71	N23 26.24	324 21.88	10.28	S10 00.01	13.89	59.26
19	193 48.72	063 56.27	N20 26.38	087 08.46	N23 37.41	081 22.15	N22 06.76	114 40.24	N21 47.02	104 36.57	N23 26.25	338 51.16	10.24	S10 13.90	13.84	59.26
20	208 51.19	078 55.74	N20 25.62	102 09.16	N23 37.23	096 24.03	N22 06.68	129 42.36	N21 47.05	119 36.44	N23 26.26	353 20.40	10.20	S10 27.74	13.78	59.25
21	223 53.65	093 55.21	N20 24.86	117 09.86	N23 37.06	111 25.92	N22 06.61	144 44.48	N21 47.07	134 36.30	N23 26.27	007 49.60	10.15	S10 41.52	13.72	59.24
22	238 56.12	108 54.67	N20 24.09	132 10.57	N23 36.88	126 27.81	N22 06.53	159 46.60	N21 47.10	149 36.17	N23 26.28	022 18.75	10.11	S10 55.23	13.65	59.24
23	253 58.58	123 54.15	N20 23.33	147 11.27	N23 36.70	141 29.70	N22 06.45	174 48.72	N21 47.13	164 36.03	N23 26.30	036 47.85	10.06	S11 08.89	13.59	59.23
21 00	269 01.04	138 53.62	N20 22.56	162 11.98	N23 36.52	156 31.59	N22 06.37	189 50.84	N21 47.15	179 35.90	N23 26.31	051 16.91	10.01	S11 22.47	13.52	59.22
01	284 03.51	153 53.09	N20 21.80	177 12.68	N23 36.34	171 33.47	N22 06.29	204 52.96	N21 47.18	194 35.76	N23 26.31	065 45.93	09.97	S11 36.00	13.46	59.21
02	299 05.97	168 52.56	N20 21.03	192 13.38	N23 36.16	186 35.36	N22 06.21	219 55.07	N21 47.21	209 35.62	N23 26.32	080 14.89	09.92	S11 49.46	13.39	59.20
03	314 08.44	183 52.03	N20 20.26	207 14.09	N23 35.98	201 37.25	N22 06.13	234 57.19	N21 47.23	224 35.49	N23 26.33	094 43.81	09.87	S12 02.84	13.32	59.20
04	329 10.90	198 51.51	N20 19.49	222 14.79	N23 35.80	216 39.14	N22 06.05	249 59.31	N21 47.26	239 35.35	N23 26.34	109 12.68	09.82	S12 16.16	13.25	59.19
05	344 13.37	213 50.98	N20 18.72	237 15.49	N23 35.62	231 41.02	N22 05.97	265 01.43	N21 47.28	254 35.22	N23 26.34	123 41.50	09.77	S12 29.41	13.18	59.18
06	359 15.83	228 50.46	N20 17.95	252 16.20	N23 35.44	246 42.91	N22 05.89	280 03.55	N21 47.31	269 35.08	N23 26.35	138 10.27	09.72	S12 42.59	13.10	59.17
07	014 18.29	243 49.93	N20 17.18	267 16.90	N23 35.26	261 44.80	N22 05.81	295 05.67	N21 47.34	284 34.95	N23 26.35	152 38.99	09.67	S12 55.69	13.03	59.16
08	029 20.76	258 49.41	N20 16.41	282 17.61	N23 35.07	276 46.69	N22 05.74	310 07.79	N21 47.36	299 34.81	N23 26.36	167 07.65	09.62	S13 08.71	12.95	59.15
09	044 23.22	273 48.89	N20 15.64	297 18.31	N23 34.89	291 48.57	N22 05.66	325 09.90	N21 47.39	314 34.68	N23 26.36	181 36.27	09.56	S13 21.66	12.87	59.14
10	059 25.69	288 48.37	N20 14.86	312 19.02	N23 34.71	306 50.46	N22 05.58	340 12.02	N21 47.41	329 34.54	N23 26.36	196 04.83	09.51	S13 34.53	12.79	59.13
11	074 28.15	303 47.85	N20 14.09	327 19.72	N23 34.53	321 52.35	N22 05.50	355 14.14	N21 47.44	344 34.40	N23 26.37	210 33.34	09.46	S13 47.32	12.71	59.12
12	089 30.61	318 47.32	N20 13.31	342 20.43	N23 34.34	336 54.24	N22 05.42	010 16.26	N21 47.47	359 34.27	N23 26.37	225 01.80	09.40	S14 00.03	12.63	59.11
13	104 33.08	333 46.80	N20 12.53	357 21.13	N23 34.16	351 56.12	N22 05.34	025 18.38	N21 47.49	014 34.13	N23 26.37	239 30.21	09.35	S14 12.66	12.54	59.10
14	119 35.54	348 46.29	N20 11.76	012 21.84	N23 33.98	006 58.01	N22 05.26	040 20.50	N21 47.52	029 34.00	N23 26.37	253 58.56	09.30	S14 25.21	12.46	59.09
15	134 38.01	003 45.77	N20 10.98	027 22.54	N23 33.79	021 59.90	N22 05.18	055 22.62	N21 47.54	044 33.86	N23 26.37	268 26.86	09.24	S14 37.66	12.37	59.08
16	149 40.47	018 45.25	N20 10.20	042 23.25	N23 33.61	037 01.78	N22 05.10	070 24.74	N21 47.57	059 33.73	N23 26.37	282 55.10	09.19	S14 50.03	12.28	59.07
17	164 42.94	033 44.73	N20 09.42	057 23.95	N23 33.42	052 03.67	N22 05.02	085 26.86	N21 47.60	074 33.59	N23 26.36	297 23.29	09.13	S15 02.32	12.19	59.06
18	179 45.40	048 44.22	N20 08.64	072 24.66	N23 33.24	067 05.56	N22 04.94	100 28.97	N21 47.62	089 33.46	N23 26.36	311 51.42	09.08	S15 14.51	12.10	59.05
19	194 47.86	063 43.70	N20 07.85	087 25.36	N23 33.05	082 07.44	N22 04.86	115 31.09	N21 47.65	104 33.32	N23 26.36	326 19.50	09.02	S15 26.61	12.01	59.04
20	209 50.33	078 43.18	N20 07.07	102 26.07	N23 32.87	097 09.33	N22 04.78	130 33.21	N21 47.67	119 33.19	N23 26.35	340 47.52	08.97	S15 38.62	11.92	59.03
21	224 52.79	093 42.67	N20 06.29	117 26.78	N23 32.68	112 11.22	N22 04.70	145 35.33	N21 47.70	134 33.05	N23 26.35	355 15.48	08.91	S15 50.54	11.82	59.01
22	239 55.26	108 42.16	N20 05.50	132 27.48	N23 32.50	127 13.11	N22 04.62	160 37.45	N21 47.72	149 32.92	N23 26.34	009 43.39	08.85	S16 02.36	11.72	59.00
23	254 57.72	123 41.64	N20 04.72	147 28.19	N23 32.31	142 14.99	N22 04.54	175 39.57	N21 47.75	164 32.78	N23 26.33	024 11.24	08.80	S16 14.09	11.63	58.99
		v -0.53	d 0.77	v 0.70	d 0.18	v 1.89	d 0.08	v 2.12	d 0.03	v -0.14	d 0.01	SD	16.16	16.11		
		HP 0.13		HP 0.06						SD 15.74	HP 0.14					

Saturday June 22, 2002 through Sunday June 23, 2002

UT	ARIES	VENUS	MARS	JUPITER	SATURN	SUN	MOON				
	GHA	GHA Dec	GHA Dec	GHA Dec	GHA Dec	GHA Dec	GHA	v	Dec	d	HP
d h	° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′	′	° ′	′	′
22 00	270 00.18	138 41.13 N20 03.93	162 28.90 N23 32.12	157 16.88 N22 04.46	190 41.69 N21 47.78	179 32.65 N23 26.33	038 39.04	08.74	S16 25.71	11.53	58.98
01	285 02.65	153 40.62 N20 03.14	177 29.60 N23 31.94	172 18.77 N22 04.38	205 43.81 N21 47.80	194 32.51 N23 26.32	053 06.78	08.68	S16 37.24	11.43	58.96
02	300 05.11	168 40.11 N20 02.36	192 30.31 N23 31.75	187 20.65 N22 04.30	220 45.93 N21 47.83	209 32.38 N23 26.31	067 34.46	08.63	S16 48.67	11.33	58.95
03	315 07.58	183 39.60 N20 01.57	207 31.02 N23 31.56	202 22.54 N22 04.22	235 48.05 N21 47.85	224 32.24 N23 26.30	082 02.09	08.57	S16 59.99	11.22	58.94
04	330 10.04	198 39.09 N20 00.78	222 31.72 N23 31.37	217 24.43 N22 04.14	250 50.16 N21 47.88	239 32.10 N23 26.29	096 29.66	08.51	S17 11.21	11.12	58.92
05	345 12.51	213 38.58 N19 59.99	237 32.43 N23 31.18	232 26.31 N22 04.06	265 52.28 N21 47.91	254 31.97 N23 26.28	110 57.17	08.46	S17 22.33	11.01	58.91
06	000 14.97	228 38.07 N19 59.19	252 33.14 N23 31.00	247 28.20 N22 03.98	280 54.40 N21 47.93	269 31.83 N23 26.27	125 24.63	08.40	S17 33.34	10.90	58.90
07	015 17.43	243 37.56 N19 58.40	267 33.84 N23 30.81	262 30.08 N22 03.90	295 56.52 N21 47.96	284 31.70 N23 26.26	139 52.03	08.34	S17 44.25	10.80	58.88
08	030 19.90	258 37.06 N19 57.61	282 34.55 N23 30.62	277 31.97 N22 03.82	310 58.64 N21 47.98	299 31.56 N23 26.24	154 19.37	08.29	S17 55.04	10.69	58.87
09	045 22.36	273 36.55 N19 56.81	297 35.26 N23 30.43	292 33.86 N22 03.74	326 00.76 N21 48.01	314 31.43 N23 26.23	168 46.66	08.23	S18 05.73	10.57	58.85
10	060 24.83	288 36.04 N19 56.02	312 35.97 N23 30.24	307 35.74 N22 03.66	341 02.88 N21 48.03	329 31.29 N23 26.21	183 13.89	08.18	S18 16.30	10.46	58.84
11	075 27.29	303 35.54 N19 55.22	327 36.67 N23 30.05	322 37.63 N22 03.58	356 05.00 N21 48.06	344 31.16 N23 26.20	197 41.07	08.12	S18 26.77	10.35	58.82
12	090 29.75	318 35.04 N19 54.43	342 37.38 N23 29.86	337 39.52 N22 03.50	011 07.12 N21 48.08	359 31.03 N23 26.18	212 08.19	08.06	S18 37.12	10.23	58.81
13	105 32.22	333 34.53 N19 53.63	357 38.09 N23 29.67	352 41.40 N22 03.42	026 09.24 N21 48.11	014 30.89 N23 26.17	226 35.25	08.01	S18 47.35	10.12	58.79
14	120 34.68	348 34.03 N19 52.83	012 38.80 N23 29.47	007 43.29 N22 03.34	041 11.36 N21 48.14	029 30.76 N23 26.15	241 02.26	07.95	S18 57.47	10.00	58.78
15	135 37.15	003 33.53 N19 52.03	027 39.51 N23 29.28	022 45.17 N22 03.26	056 13.48 N21 48.16	044 30.62 N23 26.13	255 29.22	07.90	S19 07.47	09.88	58.76
16	150 39.61	018 33.03 N19 51.23	042 40.22 N23 29.09	037 47.06 N22 03.18	071 15.60 N21 48.19	059 30.49 N23 26.11	269 56.12	07.85	S19 17.35	09.76	58.75
17	165 42.08	033 32.53 N19 50.43	057 40.92 N23 28.90	052 48.95 N22 03.09	086 17.72 N21 48.21	074 30.35 N23 26.09	284 22.96	07.79	S19 27.11	09.64	58.73
18	180 44.54	048 32.03 N19 49.63	072 41.63 N23 28.71	067 50.83 N22 03.01	101 19.83 N21 48.24	089 30.22 N23 26.07	298 49.76	07.74	S19 36.75	09.52	58.71
19	195 47.00	063 31.53 N19 48.82	087 42.34 N23 28.51	082 52.72 N22 02.93	116 21.95 N21 48.26	104 30.08 N23 26.05	313 16.50	07.69	S19 46.27	09.40	58.70
20	210 49.47	078 31.03 N19 48.02	102 43.05 N23 28.32	097 54.60 N22 02.85	131 24.07 N21 48.29	119 29.95 N23 26.03	327 43.18	07.63	S19 55.67	09.27	58.68
21	225 51.93	093 30.53 N19 47.22	117 43.76 N23 28.13	112 56.49 N22 02.77	146 26.19 N21 48.31	134 29.81 N23 26.01	342 09.82	07.58	S20 04.94	09.15	58.66
22	240 54.40	108 30.03 N19 46.41	132 44.47 N23 27.93	127 58.37 N22 02.69	161 28.31 N21 48.34	149 29.68 N23 25.98	356 36.40	07.53	S20 14.09	09.02	58.65
23	255 56.86	123 29.54 N19 45.60	147 45.18 N23 27.74	143 00.26 N22 02.61	176 30.43 N21 48.36	164 29.54 N23 25.96	011 02.93	07.48	S20 23.11	08.89	58.63
23 00	270 59.32	138 29.04 N19 44.80	162 45.89 N23 27.54	158 02.15 N22 02.53	191 32.55 N21 48.39	179 29.41 N23 25.93	025 29.41	07.43	S20 32.00	08.76	58.61
01	286 01.79	153 28.54 N19 43.99	177 46.60 N23 27.35	173 04.03 N22 02.45	206 34.67 N21 48.42	194 29.27 N23 25.91	039 55.85	07.38	S20 40.76	08.63	58.59
02	301 04.25	168 28.05 N19 43.18	192 47.31 N23 27.15	188 05.92 N22 02.37	221 36.79 N21 48.44	209 29.14 N23 25.88	054 22.23	07.34	S20 49.40	08.50	58.58
03	316 06.72	183 27.56 N19 42.37	207 48.02 N23 26.96	203 07.80 N22 02.29	236 38.91 N21 48.47	224 29.01 N23 25.86	068 48.57	07.29	S20 57.90	08.37	58.56
04	331 09.18	198 27.06 N19 41.56	222 48.73 N23 26.76	218 09.69 N22 02.20	251 41.03 N21 48.49	239 28.87 N23 25.83	083 14.85	07.24	S21 06.27	08.24	58.54
05	346 11.65	213 26.57 N19 40.75	237 49.44 N23 26.57	233 11.57 N22 02.12	266 43.15 N21 48.52	254 28.74 N23 25.80	097 41.09	07.20	S21 14.51	08.10	58.52
06	001 14.11	228 26.08 N19 39.94	252 50.15 N23 26.37	248 13.46 N22 02.04	281 45.27 N21 48.54	269 28.60 N23 25.77	112 07.29	07.15	S21 22.61	07.97	58.50
07	016 16.57	243 25.59 N19 39.12	267 50.86 N23 26.17	263 15.34 N22 01.96	296 47.39 N21 48.57	284 28.47 N23 25.74	126 33.44	07.11	S21 30.58	07.83	58.48
08	031 19.04	258 25.10 N19 38.31	282 51.57 N23 25.98	278 17.23 N22 01.88	311 49.51 N21 48.59	299 28.33 N23 25.71	140 59.55	07.06	S21 38.41	07.70	58.46
09	046 21.50	273 24.61 N19 37.49	297 52.28 N23 25.78	293 19.11 N22 01.80	326 51.63 N21 48.62	314 28.20 N23 25.68	155 25.61	07.02	S21 46.11	07.56	58.44
10	061 23.97	288 24.12 N19 36.68	312 52.99 N23 25.58	308 21.00 N22 01.72	341 53.75 N21 48.64	329 28.07 N23 25.65	169 51.63	06.98	S21 53.67	07.42	58.42
11	076 26.43	303 23.63 N19 35.86	327 53.70 N23 25.39	323 22.88 N22 01.64	356 55.87 N21 48.67	344 27.93 N23 25.62	184 17.61	06.94	S22 01.09	07.28	58.40
12	091 28.90	318 23.14 N19 35.04	342 54.41 N23 25.19	338 24.77 N22 01.55	011 57.99 N21 48.69	359 27.80 N23 25.58	198 43.55	06.90	S22 08.37	07.14	58.38
13	106 31.36	333 22.66 N19 34.23	357 55.12 N23 24.99	353 26.65 N22 01.47	027 00.11 N21 48.72	014 27.66 N23 25.55	213 09.45	06.86	S22 15.51	07.00	58.36
14	121 33.82	348 22.17 N19 33.41	012 55.83 N23 24.79	008 28.54 N22 01.39	042 02.23 N21 48.74	029 27.53 N23 25.52	227 35.32	06.83	S22 22.51	06.86	58.34
15	136 36.29	003 21.68 N19 32.59	027 56.54 N23 24.59	023 30.42 N22 01.31	057 04.35 N21 48.77	044 27.40 N23 25.48	242 01.14	06.79	S22 29.36	06.71	58.32
16	151 38.75	018 21.20 N19 31.77	042 57.26 N23 24.39	038 32.31 N22 01.23	072 06.47 N21 48.79	059 27.26 N23 25.44	256 26.93	06.76	S22 36.08	06.57	58.30
17	166 41.22	033 20.72 N19 30.95	057 57.97 N23 24.19	053 34.19 N22 01.15	087 08.59 N21 48.82	074 27.13 N23 25.41	270 52.69	06.72	S22 42.65	06.43	58.28
18	181 43.68	048 20.23 N19 30.12	072 58.68 N23 23.99	068 36.08 N22 01.06	102 10.71 N21 48.84	089 26.99 N23 25.37	285 18.41	06.69	S22 49.08	06.28	58.26
19	196 46.14	063 19.75 N19 29.30	087 59.39 N23 23.79	083 37.96 N22 00.98	117 12.83 N21 48.87	104 26.86 N23 25.33	299 44.11	06.66	S22 55.36	06.14	58.24
20	211 48.61	078 19.27 N19 28.48	103 00.10 N23 23.59	098 39.85 N22 00.90	132 14.95 N21 48.89	119 26.73 N23 25.29	314 09.77	06.63	S23 01.49	05.99	58.22
21	226 51.07	093 18.79 N19 27.65	118 00.82 N23 23.39	113 41.73 N22 00.82	147 17.07 N21 48.92	134 26.59 N23 25.25	328 35.40	06.60	S23 07.48	05.84	58.20
22	241 53.54	108 18.30 N19 26.83	133 01.53 N23 23.19	128 43.62 N22 00.74	162 19.19 N21 48.94	149 26.46 N23 25.21	343 01.00	06.58	S23 13.33	05.70	58.18
23	256 56.00	123 17.82 N19 26.00	148 02.24 N23 22.99	143 45.50 N22 00.66	177 21.31 N21 48.97	164 26.32 N23 25.17	357 26.58	06.55	S23 19.02	05.55	58.15
		v -0.50 d 0.81	v 0.71 d 0.19	v 1.89 d 0.08	v 2.12 d 0.03	v -0.13 d 0.03	SD	16.03	15.91		
		HP 0.13	HP 0.06			SD 15.74 HP 0.14					

Monday June 24, 2002 through Tuesday June 25, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
24 00	271 58.47	138 17.35	N19 25.17	163 02.95	N23 22.79	158 47.39	N22 00.57	192 23.43	N21 48.99	179 26.19	N23 25.13	011 52.13	06.53	S23 24.57	05.40	58.13
01	287 00.93	153 16.87	N19 24.34	178 03.66	N23 22.58	173 49.27	N22 00.49	207 25.55	N21 49.02	194 26.06	N23 25.09	026 17.65	06.50	S23 29.97	05.25	58.11
02	302 03.39	168 16.39	N19 23.51	193 04.38	N23 22.38	188 51.16	N22 00.41	222 27.67	N21 49.04	209 25.92	N23 25.04	040 43.16	06.48	S23 35.22	05.10	58.09
03	317 05.86	183 15.91	N19 22.69	208 05.09	N23 22.18	203 53.04	N22 00.33	237 29.79	N21 49.07	224 25.79	N23 25.00	055 08.64	06.46	S23 40.31	04.95	58.06
04	332 08.32	198 15.44	N19 21.85	223 05.80	N23 21.97	218 54.93	N22 00.25	252 31.91	N21 49.09	239 25.66	N23 24.96	069 34.10	06.45	S23 45.26	04.80	58.04
05	347 10.79	213 14.96	N19 21.02	238 06.52	N23 21.77	233 56.81	N22 00.16	267 34.03	N21 49.12	254 25.52	N23 24.91	083 59.55	06.43	S23 50.06	04.65	58.02
06	002 13.25	228 14.48	N19 20.19	253 07.23	N23 21.57	248 58.69	N22 00.08	282 36.15	N21 49.14	269 25.39	N23 24.87	098 24.98	06.41	S23 54.71	04.50	58.00
07	017 15.72	243 14.01	N19 19.36	268 07.94	N23 21.36	264 00.58	N21 60.00	297 38.27	N21 49.17	284 25.26	N23 24.82	112 50.39	06.40	S23 59.20	04.34	57.97
08	032 18.18	258 13.54	N19 18.52	283 08.66	N23 21.16	279 02.46	N21 59.92	312 40.39	N21 49.19	299 25.12	N23 24.77	127 15.79	06.39	S24 03.55	04.19	57.95
09	047 20.64	273 13.06	N19 17.69	298 09.37	N23 20.95	294 04.35	N21 59.83	327 42.51	N21 49.22	314 24.99	N23 24.72	141 41.18	06.38	S24 07.74	04.04	57.93
10	062 23.11	288 12.59	N19 16.85	313 10.08	N23 20.75	309 06.23	N21 59.75	342 44.63	N21 49.24	329 24.86	N23 24.67	156 06.56	06.37	S24 11.78	03.89	57.90
11	077 25.57	303 12.12	N19 16.02	328 10.80	N23 20.54	324 08.12	N21 59.67	357 46.75	N21 49.27	344 24.72	N23 24.62	170 31.93	06.36	S24 15.67	03.73	57.88
12	092 28.04	318 11.65	N19 15.18	343 11.51	N23 20.34	339 10.00	N21 59.59	012 48.87	N21 49.29	359 24.59	N23 24.57	184 57.29	06.36	S24 19.40	03.58	57.86
13	107 30.50	333 11.18	N19 14.34	358 12.23	N23 20.13	354 11.88	N21 59.51	027 50.99	N21 49.32	014 24.46	N23 24.52	199 22.64	06.35	S24 22.98	03.43	57.83
14	122 32.96	348 10.71	N19 13.50	013 12.94	N23 19.93	009 13.77	N21 59.42	042 53.11	N21 49.34	029 24.32	N23 24.47	213 47.99	06.35	S24 26.40	03.27	57.81
15	137 35.43	003 10.24	N19 12.66	028 13.65	N23 19.72	024 15.65	N21 59.34	057 55.24	N21 49.37	044 24.19	N23 24.42	228 13.34	06.35	S24 29.68	03.12	57.78
16	152 37.89	018 09.77	N19 11.82	043 14.37	N23 19.51	039 17.54	N21 59.26	072 57.36	N21 49.39	059 24.06	N23 24.37	242 38.69	06.35	S24 32.79	02.96	57.76
17	167 40.36	033 09.30	N19 10.98	058 15.08	N23 19.31	054 19.42	N21 59.18	087 59.48	N21 49.42	074 23.93	N23 24.31	257 04.04	06.35	S24 35.76	02.81	57.73
18	182 42.82	048 08.84	N19 10.14	073 15.80	N23 19.10	069 21.30	N21 59.09	103 01.60	N21 49.44	089 23.79	N23 24.26	271 29.40	06.36	S24 38.57	02.66	57.71
19	197 45.29	063 08.37	N19 09.30	088 16.51	N23 18.89	084 23.19	N21 59.01	118 03.72	N21 49.47	104 23.66	N23 24.20	285 54.75	06.36	S24 41.22	02.50	57.69
20	212 47.75	078 07.90	N19 08.45	103 17.23	N23 18.68	099 25.07	N21 58.93	133 05.84	N21 49.49	119 23.53	N23 24.15	300 20.12	06.37	S24 43.72	02.35	57.66
21	227 50.21	093 07.44	N19 07.61	118 17.94	N23 18.47	114 26.96	N21 58.84	148 07.96	N21 49.51	134 23.39	N23 24.09	314 45.49	06.38	S24 46.07	02.19	57.64
22	242 52.68	108 06.98	N19 06.76	133 18.66	N23 18.26	129 28.84	N21 58.76	163 10.08	N21 49.54	149 23.26	N23 24.03	329 10.87	06.39	S24 48.26	02.04	57.61
23	257 55.14	123 06.51	N19 05.92	148 19.37	N23 18.06	144 30.72	N21 58.68	178 12.20	N21 49.56	164 23.13	N23 23.97	343 36.26	06.40	S24 50.30	01.88	57.59
25 00	272 57.61	138 06.05	N19 05.07	163 20.09	N23 17.85	159 32.61	N21 58.60	193 14.32	N21 49.59	179 23.00	N23 23.91	358 01.66	06.42	S24 52.19	01.73	57.56
01	288 00.07	153 05.59	N19 04.22	178 20.81	N23 17.64	174 34.49	N21 58.51	208 16.44	N21 49.61	194 22.86	N23 23.85	012 27.08	06.44	S24 53.92	01.58	57.53
02	303 02.54	168 05.13	N19 03.37	193 21.52	N23 17.43	189 36.37	N21 58.43	223 18.56	N21 49.64	209 22.73	N23 23.79	026 52.52	06.45	S24 55.49	01.42	57.51
03	318 05.00	183 04.67	N19 02.52	208 22.24	N23 17.22	204 38.26	N21 58.35	238 20.68	N21 49.66	224 22.60	N23 23.73	041 17.97	06.47	S24 56.91	01.27	57.48
04	333 07.46	198 04.21	N19 01.67	223 22.95	N23 17.01	219 40.14	N21 58.26	253 22.81	N21 49.69	239 22.47	N23 23.67	055 43.44	06.49	S24 58.18	01.12	57.46
05	348 09.93	213 03.75	N19 00.82	238 23.67	N23 16.79	234 42.02	N21 58.18	268 24.93	N21 49.71	254 22.33	N23 23.61	070 08.94	06.52	S24 59.30	00.96	57.43
06	003 12.39	228 03.29	N18 59.97	253 24.39	N23 16.58	249 43.91	N21 58.10	283 27.05	N21 49.74	269 22.20	N23 23.55	084 34.45	06.54	S25 00.26	00.81	57.41
07	018 14.86	243 02.83	N18 59.12	268 25.10	N23 16.37	264 45.79	N21 58.01	298 29.17	N21 49.76	284 22.07	N23 23.48	098 60.00	06.57	S25 01.07	00.66	57.38
08	033 17.32	258 02.37	N18 58.26	283 25.82	N23 16.16	279 47.67	N21 57.93	313 31.29	N21 49.78	299 21.94	N23 23.42	113 25.57	06.60	S25 01.73	00.50	57.35
09	048 19.79	273 01.92	N18 57.41	298 26.54	N23 15.95	294 49.56	N21 57.85	328 33.41	N21 49.81	314 21.81	N23 23.35	127 51.16	06.63	S25 02.23	00.35	57.33
10	063 22.25	288 01.46	N18 56.56	313 27.25	N23 15.74	309 51.44	N21 57.77	343 35.53	N21 49.83	329 21.67	N23 23.29	142 16.79	06.66	S25 02.58	00.20	57.30
11	078 24.71	303 01.01	N18 55.70	328 27.97	N23 15.52	324 53.32	N21 57.68	358 37.65	N21 49.86	344 21.54	N23 23.22	156 42.45	06.69	S25 02.78	00.05	57.28
12	093 27.18	318 00.55	N18 54.84	343 28.69	N23 15.31	339 55.21	N21 57.60	013 39.77	N21 49.88	359 21.41	N23 23.15	171 08.14	06.73	S25 02.83	00.10	57.25
13	108 29.64	333 00.10	N18 53.99	358 29.40	N23 15.10	354 57.09	N21 57.51	028 41.90	N21 49.91	014 21.28	N23 23.08	185 33.87	06.76	S25 02.73	00.25	57.22
14	123 32.11	347 59.65	N18 53.13	013 30.12	N23 14.88	009 58.97	N21 57.43	043 44.02	N21 49.93	029 21.15	N23 23.01	199 59.63	06.80	S25 02.48	00.40	57.20
15	138 34.57	002 59.19	N18 52.27	028 30.84	N23 14.67	025 00.86	N21 57.35	058 46.14	N21 49.95	044 21.01	N23 22.95	214 25.43	06.84	S25 02.08	00.55	57.17
16	153 37.03	017 58.74	N18 51.41	043 31.56	N23 14.45	040 02.74	N21 57.26	073 48.26	N21 49.98	059 20.88	N23 22.88	228 51.27	06.88	S25 01.52	00.70	57.14
17	168 39.50	032 58.29	N18 50.55	058 32.27	N23 14.24	055 04.62	N21 57.18	088 50.38	N21 50.00	074 20.75	N23 22.80	243 17.15	06.92	S25 00.82	00.85	57.12
18	183 41.96	047 57.84	N18 49.69	073 32.99	N23 14.03	070 06.50	N21 57.10	103 52.50	N21 50.03	089 20.62	N23 22.73	257 43.07	06.97	S24 59.98	01.00	57.09
19	198 44.43	062 57.39	N18 48.82	088 33.71	N23 13.81	085 08.39	N21 57.01	118 54.62	N21 50.05	104 20.49	N23 22.66	272 09.04	07.01	S24 58.98	01.14	57.06
20	213 46.89	077 56.94	N18 47.96	103 34.43	N23 13.59	100 10.27	N21 56.93	133 56.74	N21 50.08	119 20.36	N23 22.59	286 35.06	07.06	S24 57.84	01.29	57.04
21	228 49.36	092 56.49	N18 47.10	118 35.15	N23 13.38	115 12.15	N21 56.85	148 58.87	N21 50.10	134 20.22	N23 22.51	301 01.12	07.11	S24 56.55	01.44	57.01
22	243 51.82	107 56.05	N18 46.23	133 35.86	N23 13.16	130 14.04	N21 56.76	164 00.99	N21 50.12	149 20.09	N23 22.44	315 27.23	07.16	S24 55.11	01.58	56.98
23	258 54.28	122 55.60	N18 45.37	148 36.58	N23 12.95	145 15.92	N21 56.68	179 03.11	N21 50.15	164 19.96	N23 22.36	329 53.39	07.21	S24 53.53	01.73	56.96
		v -0.46	d 0.85	v 0.72	d 0.21	v 1.88	d 0.08	v 2.12	d 0.02	v -0.13	d 0.06	SD	15.77	15.60		
		HP 0.13		HP 0.06						SD 15.74	HP 0.14					

Wednesday June 26, 2002 through Thursday June 27, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
26 00	273 56.75	137 55.15	N18 44.50	163 37.30	N23 12.73	160 17.80	N21 56.60	194 05.23	N21 50.17	179 19.83	N23 22.29	344 19.60	07.27	S24 51.80	01.87	56.93
01	288 59.21	152 54.71	N18 43.63	178 38.02	N23 12.51	175 19.68	N21 56.51	209 07.35	N21 50.20	194 19.70	N23 22.21	358 45.87	07.32	S24 49.93	02.01	56.90
02	304 01.68	167 54.26	N18 42.77	193 38.74	N23 12.29	190 21.57	N21 56.43	224 09.47	N21 50.22	209 19.57	N23 22.13	013 12.19	07.38	S24 47.92	02.16	56.88
03	319 04.14	182 53.82	N18 41.90	208 39.46	N23 12.08	205 23.45	N21 56.34	239 11.60	N21 50.25	224 19.44	N23 22.05	027 38.56	07.43	S24 45.76	02.30	56.85
04	334 06.61	197 53.38	N18 41.03	223 40.18	N23 11.86	220 25.33	N21 56.26	254 13.72	N21 50.27	239 19.31	N23 21.98	042 05.00	07.49	S24 43.46	02.44	56.82
05	349 09.07	212 52.93	N18 40.16	238 40.90	N23 11.64	235 27.21	N21 56.18	269 15.84	N21 50.29	254 19.17	N23 21.90	056 31.49	07.55	S24 41.02	02.58	56.79
06	004 11.53	227 52.49	N18 39.29	253 41.62	N23 11.42	250 29.10	N21 56.09	284 17.96	N21 50.32	269 19.04	N23 21.82	070 58.04	07.61	S24 38.45	02.72	56.77
07	019 14.00	242 52.05	N18 38.42	268 42.34	N23 11.20	265 30.98	N21 56.01	299 20.08	N21 50.34	284 18.91	N23 21.74	085 24.65	07.67	S24 35.73	02.86	56.74
08	034 16.46	257 51.61	N18 37.54	283 43.06	N23 10.98	280 32.86	N21 55.92	314 22.20	N21 50.37	299 18.78	N23 21.65	099 51.33	07.74	S24 32.87	02.99	56.71
09	049 18.93	272 51.17	N18 36.67	298 43.78	N23 10.76	295 34.74	N21 55.84	329 24.33	N21 50.39	314 18.65	N23 21.57	114 18.06	07.80	S24 29.87	03.13	56.69
10	064 21.39	287 50.73	N18 35.80	313 44.49	N23 10.54	310 36.63	N21 55.75	344 26.45	N21 50.41	329 18.52	N23 21.49	128 44.87	07.87	S24 26.74	03.27	56.66
11	079 23.85	302 50.29	N18 34.92	328 45.22	N23 10.32	325 38.51	N21 55.67	359 28.57	N21 50.44	344 18.39	N23 21.40	143 11.74	07.94	S24 23.48	03.40	56.63
12	094 26.32	317 49.86	N18 34.05	343 45.94	N23 10.10	340 40.39	N21 55.59	014 30.69	N21 50.46	359 18.26	N23 21.32	157 38.67	08.00	S24 20.07	03.54	56.60
13	109 28.78	332 49.42	N18 33.17	358 46.66	N23 09.88	355 42.27	N21 55.50	029 32.81	N21 50.49	014 18.13	N23 21.23	172 05.67	08.07	S24 16.53	03.67	56.58
14	124 31.25	347 48.98	N18 32.29	013 47.38	N23 09.66	010 44.16	N21 55.42	044 34.93	N21 50.51	029 18.00	N23 21.15	186 32.75	08.14	S24 12.86	03.80	56.55
15	139 33.71	002 48.55	N18 31.41	028 48.10	N23 09.44	025 46.04	N21 55.33	059 37.06	N21 50.53	044 17.87	N23 21.06	200 59.89	08.21	S24 09.06	03.93	56.52
16	154 36.18	017 48.11	N18 30.54	043 48.82	N23 09.22	040 47.92	N21 55.25	074 39.18	N21 50.56	059 17.74	N23 20.97	215 27.11	08.29	S24 05.13	04.06	56.50
17	169 38.64	032 47.68	N18 29.66	058 49.54	N23 09.00	055 49.80	N21 55.16	089 41.30	N21 50.58	074 17.61	N23 20.89	229 54.39	08.36	S24 01.06	04.19	56.47
18	184 41.10	047 47.24	N18 28.78	073 50.26	N23 08.78	070 51.68	N21 55.08	104 43.42	N21 50.61	089 17.48	N23 20.80	244 21.75	08.43	S23 56.87	04.32	56.44
19	199 43.57	062 46.81	N18 27.89	088 50.98	N23 08.55	085 53.57	N21 54.99	119 45.54	N21 50.63	104 17.35	N23 20.71	258 49.18	08.51	S23 52.54	04.45	56.42
20	214 46.03	077 46.38	N18 27.01	103 51.70	N23 08.33	100 55.45	N21 54.91	134 47.67	N21 50.65	119 17.22	N23 20.62	273 16.69	08.58	S23 48.09	04.58	56.39
21	229 48.50	092 45.95	N18 26.13	118 52.42	N23 08.11	115 57.33	N21 54.83	149 49.79	N21 50.68	134 17.09	N23 20.53	287 44.28	08.66	S23 43.52	04.70	56.36
22	244 50.96	107 45.52	N18 25.25	133 53.14	N23 07.88	130 59.21	N21 54.74	164 51.91	N21 50.70	149 16.96	N23 20.43	302 11.94	08.74	S23 38.82	04.83	56.34
23	259 53.42	122 45.09	N18 24.36	148 53.87	N23 07.66	146 01.09	N21 54.66	179 54.03	N21 50.72	164 16.83	N23 20.34	316 39.68	08.82	S23 33.99	04.95	56.31
27 00	274 55.89	137 44.66	N18 23.48	163 54.59	N23 07.44	161 02.98	N21 54.57	194 56.16	N21 50.75	179 16.70	N23 20.25	331 07.49	08.89	S23 29.04	05.07	56.28
01	289 58.35	152 44.23	N18 22.59	178 55.31	N23 07.21	176 04.86	N21 54.49	209 58.28	N21 50.77	194 16.57	N23 20.16	345 35.39	08.97	S23 23.97	05.19	56.26
02	305 00.82	167 43.80	N18 21.71	193 56.03	N23 06.99	191 06.74	N21 54.40	225 00.40	N21 50.80	209 16.44	N23 20.06	000 03.36	09.05	S23 18.77	05.31	56.23
03	320 03.28	182 43.37	N18 20.82	208 56.75	N23 06.76	206 08.62	N21 54.32	240 02.52	N21 50.82	224 16.31	N23 19.97	014 31.42	09.14	S23 13.46	05.43	56.20
04	335 05.75	197 42.95	N18 19.93	223 57.48	N23 06.54	221 10.50	N21 54.23	255 04.65	N21 50.84	239 16.18	N23 19.87	028 59.55	09.22	S23 08.02	05.55	56.18
05	350 08.21	212 42.52	N18 19.04	238 58.20	N23 06.31	236 12.38	N21 54.15	270 06.77	N21 50.87	254 16.05	N23 19.77	043 27.77	09.30	S23 02.47	05.67	56.15
06	005 10.67	227 42.10	N18 18.15	253 58.92	N23 06.08	251 14.27	N21 54.06	285 08.89	N21 50.89	269 15.92	N23 19.68	057 56.07	09.38	S22 56.80	05.78	56.12
07	020 13.14	242 41.67	N18 17.26	268 59.64	N23 05.86	266 16.15	N21 53.98	300 11.01	N21 50.91	284 15.79	N23 19.58	072 24.45	09.46	S22 51.02	05.90	56.10
08	035 15.60	257 41.25	N18 16.37	284 00.37	N23 05.63	281 18.03	N21 53.89	315 13.13	N21 50.94	299 15.66	N23 19.48	086 52.91	09.55	S22 45.12	06.01	56.07
09	050 18.07	272 40.82	N18 15.48	299 01.09	N23 05.40	296 19.91	N21 53.81	330 15.26	N21 50.96	314 15.53	N23 19.38	101 21.46	09.63	S22 39.10	06.13	56.04
10	065 20.53	287 40.40	N18 14.59	314 01.81	N23 05.18	311 21.79	N21 53.72	345 17.38	N21 50.98	329 15.40	N23 19.28	115 50.09	09.72	S22 32.98	06.24	56.02
11	080 22.99	302 39.98	N18 13.69	329 02.54	N23 04.95	326 23.67	N21 53.64	000 19.50	N21 51.01	344 15.27	N23 19.18	130 18.81	09.80	S22 26.74	06.35	55.99
12	095 25.46	317 39.56	N18 12.80	344 03.26	N23 04.72	341 25.56	N21 53.55	015 21.63	N21 51.03	359 15.14	N23 19.08	144 47.61	09.89	S22 20.39	06.46	55.97
13	110 27.92	332 39.14	N18 11.90	359 03.98	N23 04.49	356 27.44	N21 53.47	030 23.75	N21 51.06	014 15.01	N23 18.97	159 16.49	09.97	S22 13.93	06.57	55.94
14	125 30.39	347 38.72	N18 11.01	014 04.71	N23 04.27	011 29.32	N21 53.38	045 25.87	N21 51.08	029 14.89	N23 18.87	173 45.46	10.06	S22 07.37	06.67	55.91
15	140 32.85	002 38.30	N18 10.11	029 05.43	N23 04.04	026 31.20	N21 53.29	060 27.99	N21 51.10	044 14.76	N23 18.77	188 14.52	10.14	S22 00.70	06.78	55.89
16	155 35.32	017 37.88	N18 09.21	044 06.15	N23 03.81	041 33.08	N21 53.21	075 30.12	N21 51.13	059 14.63	N23 18.66	202 43.66	10.23	S21 53.92	06.88	55.86
17	170 37.78	032 37.46	N18 08.32	059 06.88	N23 03.58	056 34.96	N21 53.12	090 32.24	N21 51.15	074 14.50	N23 18.56	217 12.89	10.31	S21 47.03	06.99	55.84
18	185 40.24	047 37.05	N18 07.42	074 07.60	N23 03.35	071 36.84	N21 53.04	105 34.36	N21 51.17	089 14.37	N23 18.45	231 42.20	10.40	S21 40.05	07.09	55.81
19	200 42.71	062 36.63	N18 06.52	089 08.33	N23 03.12	086 38.72	N21 52.95	120 36.48	N21 51.20	104 14.24	N23 18.35	246 11.60	10.49	S21 32.96	07.19	55.79
20	215 45.17	077 36.22	N18 05.62	104 09.05	N23 02.89	101 40.61	N21 52.87	135 38.61	N21 51.22	119 14.11	N23 18.24	260 41.09	10.57	S21 25.76	07.29	55.76
21	230 47.64	092 35.80	N18 04.72	119 09.78	N23 02.66	116 42.49	N21 52.78	150 40.73	N21 51.24	134 13.98	N23 18.13	275 10.66	10.66	S21 18.47	07.39	55.74
22	245 50.10	107 35.39	N18 03.82	134 10.50	N23 02.43	131 44.37	N21 52.70	165 42.85	N21 51.27	149 13.86	N23 18.02	289 40.32	10.75	S21 11.08	07.49	55.71
23	260 52.56	122 34.97	N18 02.91	149 11.22	N23 02.20	146 46.25	N21 52.61	180 44.98	N21 51.29	164 13.73	N23 17.91	304 10.07	10.83	S21 03.59	07.59	55.69
		v -0.43	d 0.89	v 0.72	d 0.22	v 1.88	d 0.08	v 2.12	d 0.02	v -0.13	d 0.09	SD	15.43	15.25		
		HP 0.13		HP 0.06						SD 15.73	HP 0.14					

Friday June 28, 2002 through Saturday June 29, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
28 00	275 55.03	137 34.56	N18 02.01	164 11.95	N23 01.97	161 48.13	N21 52.52	195 47.10	N21 51.31	179 13.60	N23 17.80	318 39.90	10.92	S20 56.01	07.68	55.66
01	290 57.49	152 34.15	N18 01.11	179 12.67	N23 01.73	176 50.01	N21 52.44	210 49.22	N21 51.34	194 13.47	N23 17.69	333 09.82	11.01	S20 48.32	07.78	55.64
02	305 59.96	167 33.74	N18 00.20	194 13.40	N23 01.50	191 51.89	N21 52.35	225 51.35	N21 51.36	209 13.34	N23 17.58	347 39.83	11.09	S20 40.55	07.87	55.61
03	321 02.42	182 33.33	N17 59.30	209 14.13	N23 01.27	206 53.77	N21 52.27	240 53.47	N21 51.38	224 13.22	N23 17.47	002 09.92	11.18	S20 32.68	07.96	55.59
04	336 04.89	197 32.92	N17 58.39	224 14.85	N23 01.04	221 55.65	N21 52.18	255 55.59	N21 51.41	239 13.09	N23 17.35	016 40.10	11.27	S20 24.71	08.05	55.57
05	351 07.35	212 32.51	N17 57.48	239 15.58	N23 00.80	236 57.53	N21 52.10	270 57.71	N21 51.43	254 12.96	N23 17.24	031 10.37	11.35	S20 16.66	08.14	55.54
06	006 09.81	227 32.10	N17 56.58	254 16.30	N23 00.57	251 59.42	N21 52.01	285 59.84	N21 51.45	269 12.83	N23 17.13	045 40.72	11.44	S20 08.51	08.23	55.52
07	021 12.28	242 31.69	N17 55.67	269 17.03	N23 00.34	267 01.30	N21 51.92	301 01.96	N21 51.48	284 12.70	N23 17.01	060 11.16	11.52	S20 00.28	08.32	55.50
08	036 14.74	257 31.28	N17 54.76	284 17.75	N23 00.10	282 03.18	N21 51.84	316 04.08	N21 51.50	299 12.58	N23 16.90	074 41.68	11.61	S19 51.96	08.41	55.47
09	051 17.21	272 30.88	N17 53.85	299 18.48	N22 59.87	297 05.06	N21 51.75	331 06.21	N21 51.52	314 12.45	N23 16.78	089 12.29	11.70	S19 43.55	08.49	55.45
10	066 19.67	287 30.47	N17 52.94	314 19.21	N22 59.63	312 06.94	N21 51.67	346 08.33	N21 51.55	329 12.32	N23 16.66	103 42.99	11.78	S19 35.06	08.58	55.43
11	081 22.13	302 30.07	N17 52.03	329 19.93	N22 59.40	327 08.82	N21 51.58	001 10.45	N21 51.57	344 12.19	N23 16.54	118 13.77	11.87	S19 26.48	08.66	55.40
12	096 24.60	317 29.66	N17 51.11	344 20.66	N22 59.16	342 10.70	N21 51.49	016 12.58	N21 51.59	359 12.07	N23 16.43	132 44.64	11.95	S19 17.81	08.75	55.38
13	111 27.06	332 29.26	N17 50.20	359 21.39	N22 58.93	357 12.58	N21 51.41	031 14.70	N21 51.61	014 11.94	N23 16.31	147 15.59	12.03	S19 09.07	08.83	55.36
14	126 29.53	347 28.86	N17 49.29	014 22.11	N22 58.69	012 14.46	N21 51.32	046 16.82	N21 51.64	029 11.81	N23 16.19	161 46.62	12.12	S19 00.24	08.91	55.33
15	141 31.99	002 28.45	N17 48.37	029 22.84	N22 58.46	027 16.34	N21 51.23	061 18.95	N21 51.66	044 11.69	N23 16.07	176 17.74	12.20	S18 51.33	08.99	55.31
16	156 34.46	017 28.05	N17 47.46	044 23.57	N22 58.22	042 18.22	N21 51.15	076 21.07	N21 51.68	059 11.56	N23 15.94	190 48.94	12.29	S18 42.35	09.06	55.29
17	171 36.92	032 27.65	N17 46.54	059 24.29	N22 57.99	057 20.10	N21 51.06	091 23.20	N21 51.71	074 11.43	N23 15.82	205 20.23	12.37	S18 33.28	09.14	55.27
18	186 39.38	047 27.25	N17 45.63	074 25.02	N22 57.75	072 21.98	N21 50.97	106 25.32	N21 51.73	089 11.31	N23 15.70	219 51.59	12.45	S18 24.14	09.22	55.25
19	201 41.85	062 26.85	N17 44.71	089 25.75	N22 57.51	087 23.86	N21 50.89	121 27.44	N21 51.75	104 11.18	N23 15.58	234 23.04	12.53	S18 14.92	09.29	55.22
20	216 44.31	077 26.45	N17 43.79	104 26.48	N22 57.27	102 25.74	N21 50.80	136 29.57	N21 51.78	119 11.05	N23 15.45	248 54.58	12.61	S18 05.63	09.37	55.20
21	231 46.78	092 26.05	N17 42.87	119 27.20	N22 57.04	117 27.62	N21 50.72	151 31.69	N21 51.80	134 10.93	N23 15.33	263 26.19	12.69	S17 56.26	09.44	55.18
22	246 49.24	107 25.66	N17 41.95	134 27.93	N22 56.80	132 29.50	N21 50.63	166 33.81	N21 51.82	149 10.80	N23 15.20	277 57.88	12.77	S17 46.82	09.51	55.16
23	261 51.70	122 25.26	N17 41.03	149 28.66	N22 56.56	147 31.38	N21 50.54	181 35.94	N21 51.85	164 10.67	N23 15.07	292 29.66	12.85	S17 37.31	09.58	55.14
29 00	276 54.17	137 24.86	N17 40.11	164 29.39	N22 56.32	162 33.26	N21 50.46	196 38.06	N21 51.87	179 10.55	N23 14.95	307 01.51	12.93	S17 27.72	09.65	55.12
01	291 56.63	152 24.47	N17 39.19	179 30.12	N22 56.08	177 35.15	N21 50.37	211 40.19	N21 51.89	194 10.42	N23 14.82	321 33.45	13.01	S17 18.07	09.72	55.10
02	306 59.10	167 24.07	N17 38.27	194 30.84	N22 55.84	192 37.03	N21 50.28	226 42.31	N21 51.91	209 10.29	N23 14.69	336 05.46	13.09	S17 08.35	09.79	55.08
03	322 01.56	182 23.68	N17 37.35	209 31.57	N22 55.60	207 38.91	N21 50.20	241 44.43	N21 51.94	224 10.17	N23 14.56	350 37.55	13.17	S16 58.56	09.86	55.06
04	337 04.02	197 23.29	N17 36.42	224 32.30	N22 55.36	222 40.79	N21 50.11	256 46.56	N21 51.96	239 10.04	N23 14.43	005 09.72	13.25	S16 48.70	09.92	55.04
05	352 06.49	212 22.89	N17 35.50	239 33.03	N22 55.12	237 42.67	N21 50.02	271 48.68	N21 51.98	254 09.92	N23 14.30	019 41.97	13.32	S16 38.78	09.99	55.02
06	007 08.95	227 22.50	N17 34.57	254 33.76	N22 54.88	252 44.55	N21 49.93	286 50.81	N21 52.01	269 09.79	N23 14.17	034 14.29	13.40	S16 28.79	10.05	55.00
07	022 11.42	242 22.11	N17 33.65	269 34.49	N22 54.64	267 46.43	N21 49.85	301 52.93	N21 52.03	284 09.66	N23 14.04	048 46.69	13.47	S16 18.74	10.11	54.98
08	037 13.88	257 21.72	N17 32.72	284 35.22	N22 54.40	282 48.31	N21 49.76	316 55.05	N21 52.05	299 09.54	N23 13.90	063 19.16	13.55	S16 08.63	10.18	54.96
09	052 16.35	272 21.33	N17 31.79	299 35.95	N22 54.16	297 50.19	N21 49.67	331 57.18	N21 52.07	314 09.41	N23 13.77	077 51.71	13.62	S15 58.45	10.24	54.94
10	067 18.81	287 20.94	N17 30.86	314 36.68	N22 53.92	312 52.07	N21 49.59	346 59.30	N21 52.10	329 09.29	N23 13.64	092 24.33	13.69	S15 48.21	10.30	54.92
11	082 21.27	302 20.55	N17 29.93	329 37.41	N22 53.68	327 53.95	N21 49.50	002 01.43	N21 52.12	344 09.16	N23 13.50	106 57.02	13.77	S15 37.92	10.36	54.90
12	097 23.74	317 20.17	N17 29.01	344 38.14	N22 53.43	342 55.83	N21 49.41	017 03.55	N21 52.14	359 09.04	N23 13.37	121 29.79	13.84	S15 27.56	10.41	54.88
13	112 26.20	332 19.78	N17 28.08	359 38.87	N22 53.19	357 57.71	N21 49.32	032 05.67	N21 52.16	014 08.91	N23 13.23	136 02.63	13.91	S15 17.15	10.47	54.87
14	127 28.67	347 19.39	N17 27.14	014 39.60	N22 52.95	012 59.59	N21 49.24	047 07.80	N21 52.19	029 08.79	N23 13.09	150 35.54	13.98	S15 06.68	10.53	54.85
15	142 31.13	002 19.01	N17 26.21	029 40.33	N22 52.70	028 01.47	N21 49.15	062 09.92	N21 52.21	044 08.66	N23 12.96	165 08.52	14.05	S14 56.15	10.58	54.83
16	157 33.59	017 18.62	N17 25.28	044 41.06	N22 52.46	043 03.34	N21 49.06	077 12.05	N21 52.23	059 08.54	N23 12.82	179 41.56	14.12	S14 45.57	10.64	54.81
17	172 36.06	032 18.24	N17 24.35	059 41.79	N22 52.22	058 05.22	N21 48.98	092 14.17	N21 52.26	074 08.41	N23 12.68	194 14.68	14.19	S14 34.93	10.69	54.80
18	187 38.52	047 17.85	N17 23.41	074 42.52	N22 51.97	073 07.10	N21 48.89	107 16.30	N21 52.28	089 08.29	N23 12.54	208 47.87	14.25	S14 24.24	10.74	54.78
19	202 40.99	062 17.47	N17 22.48	089 43.25	N22 51.73	088 08.98	N21 48.80	122 18.42	N21 52.30	104 08.16	N23 12.40	223 21.12	14.32	S14 13.49	10.80	54.76
20	217 43.45	077 17.09	N17 21.54	104 43.98	N22 51.48	103 10.86	N21 48.71	137 20.55	N21 52.32	119 08.04	N23 12.26	237 54.44	14.38	S14 02.70	10.85	54.75
21	232 45.91	092 16.71	N17 20.61	119 44.71	N22 51.24	118 12.74	N21 48.63	152 22.67	N21 52.35	134 07.91	N23 12.11	252 27.82	14.45	S13 51.85	10.90	54.73
22	247 48.38	107 16.33	N17 19.67	134 45.44	N22 50.99	133 14.62	N21 48.54	167 24.80	N21 52.37	149 07.79	N23 11.97	267 01.27	14.51	S13 40.96	10.94	54.71
23	262 50.84	122 15.95	N17 18.73	149 46.17	N22 50.75	148 16.50	N21 48.45	182 26.92	N21 52.39	164 07.66	N23 11.83	281 34.79	14.58	S13 30.01	10.99	54.70
		v -0.40	d 0.92	v 0.73	d 0.24	v 1.88	d 0.09	v 2.12	d 0.02	v -0.13	d 0.13	SD	15.09	14.96		
		HP 0.13		HP 0.06						SD 15.73	HP 0.14					

Sunday June 30, 2002 through Monday July 01, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
30 00	277 53.31	137 15.57	N17 17.79	164 46.90	N22 50.50	163 18.38	N21 48.36	197 29.04	N21 52.41	179 07.54	N23 11.68	296 08.36	14.64	S13 19.02	11.04	54.68
01	292 55.77	152 15.19	N17 16.86	179 47.63	N22 50.26	178 20.26	N21 48.28	212 31.17	N21 52.44	194 07.42	N23 11.54	310 42.00	14.70	S13 07.98	11.09	54.67
02	307 58.24	167 14.81	N17 15.92	194 48.37	N22 50.01	193 22.14	N21 48.19	227 33.29	N21 52.46	209 07.29	N23 11.39	325 15.70	14.76	S12 56.89	11.13	54.65
03	323 00.70	182 14.43	N17 14.98	209 49.10	N22 49.76	208 24.02	N21 48.10	242 35.42	N21 52.48	224 07.17	N23 11.25	339 49.46	14.82	S12 45.76	11.18	54.64
04	338 03.16	197 14.06	N17 14.03	224 49.83	N22 49.52	223 25.90	N21 48.01	257 37.54	N21 52.50	239 07.04	N23 11.10	354 23.28	14.88	S12 34.58	11.22	54.62
05	353 05.63	212 13.68	N17 13.09	239 50.56	N22 49.27	238 27.78	N21 47.92	272 39.67	N21 52.53	254 06.92	N23 10.95	008 57.16	14.94	S12 23.36	11.26	54.61
06	008 08.09	227 13.30	N17 12.15	254 51.29	N22 49.02	253 29.66	N21 47.84	287 41.79	N21 52.55	269 06.80	N23 10.80	023 31.10	14.99	S12 12.10	11.31	54.60
07	023 10.56	242 12.93	N17 11.21	269 52.03	N22 48.77	268 31.54	N21 47.75	302 43.92	N21 52.57	284 06.67	N23 10.66	038 05.09	15.05	S12 00.79	11.35	54.58
08	038 13.02	257 12.56	N17 10.26	284 52.76	N22 48.53	283 33.42	N21 47.66	317 46.04	N21 52.59	299 06.55	N23 10.51	052 39.14	15.11	S11 49.44	11.39	54.57
09	053 15.48	272 12.18	N17 09.32	299 53.49	N22 48.28	298 35.30	N21 47.57	332 48.17	N21 52.61	314 06.43	N23 10.36	067 13.25	15.16	S11 38.05	11.43	54.55
10	068 17.95	287 11.81	N17 08.37	314 54.22	N22 48.03	313 37.18	N21 47.48	347 50.29	N21 52.64	329 06.30	N23 10.20	081 47.41	15.21	S11 26.63	11.47	54.54
11	083 20.41	302 11.44	N17 07.43	329 54.96	N22 47.78	328 39.05	N21 47.40	002 52.42	N21 52.66	344 06.18	N23 10.05	096 21.62	15.27	S11 15.16	11.51	54.53
12	098 22.88	317 11.07	N17 06.48	344 55.69	N22 47.53	343 40.93	N21 47.31	017 54.54	N21 52.68	359 06.06	N23 09.90	110 55.89	15.32	S11 03.65	11.54	54.52
13	113 25.34	332 10.70	N17 05.53	359 56.42	N22 47.28	358 42.81	N21 47.22	032 56.67	N21 52.70	014 05.93	N23 09.75	125 30.21	15.37	S10 52.11	11.58	54.50
14	128 27.80	347 10.33	N17 04.59	014 57.16	N22 47.03	013 44.69	N21 47.13	047 58.79	N21 52.73	029 05.81	N23 09.59	140 04.58	15.42	S10 40.53	11.62	54.49
15	143 30.27	002 09.96	N17 03.64	029 57.89	N22 46.78	028 46.57	N21 47.04	063 00.92	N21 52.75	044 05.69	N23 09.44	154 38.99	15.47	S10 28.91	11.65	54.48
16	158 32.73	017 09.59	N17 02.69	044 58.62	N22 46.53	043 48.45	N21 46.96	078 03.04	N21 52.77	059 05.57	N23 09.28	169 13.46	15.51	S10 17.26	11.69	54.47
17	173 35.20	032 09.22	N17 01.74	059 59.36	N22 46.28	058 50.33	N21 46.87	093 05.17	N21 52.79	074 05.44	N23 09.13	183 47.97	15.56	S10 05.57	11.72	54.46
18	188 37.66	047 08.85	N17 00.79	075 00.09	N22 46.03	073 52.21	N21 46.78	108 07.30	N21 52.81	089 05.32	N23 08.97	198 22.54	15.61	S09 53.85	11.75	54.45
19	203 40.12	062 08.49	N16 59.84	090 00.82	N22 45.77	088 54.09	N21 46.69	123 09.42	N21 52.84	104 05.20	N23 08.81	212 57.14	15.65	S09 42.10	11.79	54.44
20	218 42.59	077 08.12	N16 58.88	105 01.56	N22 45.52	103 55.97	N21 46.60	138 11.55	N21 52.86	119 05.08	N23 08.65	227 31.80	15.70	S09 30.32	11.82	54.43
21	233 45.05	092 07.76	N16 57.93	120 02.29	N22 45.27	118 57.85	N21 46.51	153 13.67	N21 52.88	134 04.95	N23 08.50	242 06.49	15.74	S09 18.50	11.85	54.42
22	248 47.52	107 07.39	N16 56.98	135 03.03	N22 45.02	133 59.72	N21 46.43	168 15.80	N21 52.90	149 04.83	N23 08.34	256 41.23	15.78	S09 06.65	11.88	54.41
23	263 49.98	122 07.03	N16 56.02	150 03.76	N22 44.77	149 01.60	N21 46.34	183 17.92	N21 52.93	164 04.71	N23 08.18	271 16.02	15.82	S08 54.77	11.91	54.40
01 00	278 52.45	137 06.67	N16 55.07	165 04.50	N22 44.51	164 03.48	N21 46.25	198 20.05	N21 52.95	179 04.59	N23 08.01	285 50.84	15.86	S08 42.87	11.94	54.39
01	293 54.91	152 06.30	N16 54.11	180 05.23	N22 44.26	179 05.36	N21 46.16	213 22.17	N21 52.97	194 04.47	N23 07.85	300 25.70	15.90	S08 30.93	11.96	54.38
02	308 57.37	167 05.94	N16 53.16	195 05.97	N22 44.01	194 07.24	N21 46.07	228 24.30	N21 52.99	209 04.34	N23 07.69	315 00.60	15.94	S08 18.97	11.99	54.37
03	323 59.84	182 05.58	N16 52.20	210 06.70	N22 43.75	209 09.12	N21 45.98	243 26.43	N21 53.01	224 04.22	N23 07.53	329 35.54	15.98	S08 06.98	12.02	54.36
04	339 02.30	197 05.22	N16 51.24	225 07.44	N22 43.50	224 11.00	N21 45.89	258 28.55	N21 53.04	239 04.10	N23 07.36	344 10.52	16.01	S07 54.96	12.04	54.35
05	354 04.77	212 04.86	N16 50.28	240 08.17	N22 43.24	239 12.88	N21 45.80	273 30.68	N21 53.06	254 03.98	N23 07.20	358 45.54	16.05	S07 42.92	12.07	54.35
06	009 07.23	227 04.50	N16 49.32	255 08.91	N22 42.99	254 14.75	N21 45.72	288 32.80	N21 53.08	269 03.86	N23 07.03	013 20.59	16.08	S07 30.85	12.09	54.34
07	024 09.69	242 04.14	N16 48.36	270 09.64	N22 42.73	269 16.63	N21 45.63	303 34.93	N21 53.10	284 03.74	N23 06.87	027 55.67	16.12	S07 18.76	12.12	54.33
08	039 12.16	257 03.79	N16 47.40	285 10.38	N22 42.48	284 18.51	N21 45.54	318 37.05	N21 53.12	299 03.62	N23 06.70	042 30.79	16.15	S07 06.64	12.14	54.32
09	054 14.62	272 03.43	N16 46.44	300 11.11	N22 42.22	299 20.39	N21 45.45	333 39.18	N21 53.15	314 03.49	N23 06.53	057 05.94	16.18	S06 54.50	12.16	54.32
10	069 17.09	287 03.07	N16 45.48	315 11.85	N22 41.97	314 22.27	N21 45.36	348 41.31	N21 53.17	329 03.37	N23 06.37	071 41.12	16.21	S06 42.34	12.18	54.31
11	084 19.55	302 02.72	N16 44.52	330 12.59	N22 41.71	329 24.15	N21 45.27	003 43.43	N21 53.19	344 03.25	N23 06.20	086 16.33	16.24	S06 30.16	12.20	54.31
12	099 22.01	317 02.36	N16 43.56	345 13.32	N22 41.45	344 26.03	N21 45.18	018 45.56	N21 53.21	359 03.13	N23 06.03	100 51.57	16.27	S06 17.95	12.23	54.30
13	114 24.48	332 02.01	N16 42.59	000 14.06	N22 41.20	359 27.91	N21 45.09	033 47.69	N21 53.23	014 03.01	N23 05.86	115 26.83	16.30	S06 05.73	12.24	54.29
14	129 26.94	347 01.66	N16 41.63	015 14.79	N22 40.94	014 29.78	N21 45.00	048 49.81	N21 53.25	029 02.89	N23 05.69	130 02.13	16.32	S05 53.48	12.26	54.29
15	144 29.41	002 01.30	N16 40.66	030 15.53	N22 40.68	029 31.66	N21 44.91	063 51.94	N21 53.28	044 02.77	N23 05.52	144 37.45	16.35	S05 41.22	12.28	54.28
16	159 31.87	017 00.95	N16 39.70	045 16.27	N22 40.42	044 33.54	N21 44.83	078 54.06	N21 53.30	059 02.65	N23 05.34	159 12.80	16.37	S05 28.94	12.30	54.28
17	174 34.33	032 00.60	N16 38.73	060 17.00	N22 40.17	059 35.42	N21 44.74	093 56.19	N21 53.32	074 02.53	N23 05.17	173 48.17	16.39	S05 16.64	12.32	54.27
18	189 36.80	047 00.25	N16 37.76	075 17.74	N22 39.91	074 37.30	N21 44.65	108 58.32	N21 53.34	089 02.41	N23 05.00	188 23.56	16.42	S05 04.32	12.33	54.27
19	204 39.26	061 59.90	N16 36.79	090 18.48	N22 39.65	089 39.18	N21 44.56	124 00.44	N21 53.36	104 02.29	N23 04.82	202 58.98	16.44	S04 51.98	12.35	54.27
20	219 41.73	076 59.55	N16 35.83	105 19.22	N22 39.39	104 41.05	N21 44.47	139 02.57	N21 53.39	119 02.17	N23 04.65	217 34.41	16.46	S04 39.63	12.37	54.26
21	234 44.19	091 59.20	N16 34.86	120 19.95	N22 39.13	119 42.93	N21 44.38	154 04.70	N21 53.41	134 02.05	N23 04.47	232 09.87	16.48	S04 27.27	12.38	54.26
22	249 46.65	106 58.85	N16 33.89	135 20.69	N22 38.87	134 44.81	N21 44.29	169 06.82	N21 53.43	149 01.93	N23 04.30	246 45.35	16.49	S04 14.89	12.39	54.26
23	264 49.12	121 58.51	N16 32.92	150 21.43	N22 38.61	149 46.69	N21 44.20	184 08.95	N21 53.45	164 01.81	N23 04.12	261 20.84	16.51	S04 02.49	12.41	54.25
		v -0.36	d 0.96	v 0.73	d 0.25	v 1.88	d 0.09	v 2.13	d 0.02	v -0.12	d 0.16	SD	14.86	14.80		
		HP 0.13		HP 0.06						SD 15.73	HP 0.14					

Tuesday July 02, 2002 through Wednesday July 03, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
02 00	279 51.58	136 58.16	N16 31.94	165 22.17	N22 38.35	164 48.57	N21 44.11	199 11.08	N21 53.47	179 01.69	N23 03.94	275 56.35	16.53	S03 50.09	12.42	54.25
01	294 54.05	151 57.81	N16 30.97	180 22.91	N22 38.09	179 50.45	N21 44.02	214 13.20	N21 53.49	194 01.57	N23 03.76	290 31.88	16.54	S03 37.67	12.43	54.25
02	309 56.51	166 57.47	N16 30.00	195 23.64	N22 37.83	194 52.32	N21 43.93	229 15.33	N21 53.52	209 01.45	N23 03.58	305 07.42	16.56	S03 25.23	12.44	54.25
03	324 58.98	181 57.13	N16 29.03	210 24.38	N22 37.57	209 54.20	N21 43.84	244 17.45	N21 53.54	224 01.33	N23 03.40	319 42.98	16.57	S03 12.79	12.45	54.25
04	340 01.44	196 56.78	N16 28.05	225 25.12	N22 37.31	224 56.08	N21 43.75	259 19.58	N21 53.56	239 01.21	N23 03.22	334 18.55	16.58	S03 00.34	12.47	54.25
05	355 03.90	211 56.44	N16 27.08	240 25.86	N22 37.05	239 57.96	N21 43.66	274 21.71	N21 53.58	254 01.10	N23 03.04	348 54.13	16.59	S02 47.87	12.47	54.25
06	010 06.37	226 56.10	N16 26.10	255 26.60	N22 36.78	254 59.84	N21 43.57	289 23.84	N21 53.60	269 00.98	N23 02.86	003 29.72	16.60	S02 35.40	12.48	54.25
07	025 08.83	241 55.75	N16 25.13	270 27.34	N22 36.52	270 01.71	N21 43.48	304 25.96	N21 53.62	284 00.86	N23 02.68	018 05.32	16.61	S02 22.91	12.49	54.25
08	040 11.30	256 55.41	N16 24.15	285 28.08	N22 36.26	285 03.59	N21 43.39	319 28.09	N21 53.64	299 00.74	N23 02.49	032 40.93	16.62	S02 10.42	12.50	54.25
09	055 13.76	271 55.07	N16 23.17	300 28.81	N22 36.00	300 05.47	N21 43.30	334 30.22	N21 53.67	314 00.62	N23 02.31	047 16.54	16.62	S01 57.92	12.51	54.25
10	070 16.22	286 54.73	N16 22.20	315 29.55	N22 35.73	315 07.35	N21 43.21	349 32.34	N21 53.69	329 00.50	N23 02.12	061 52.17	16.63	S01 45.41	12.51	54.25
11	085 18.69	301 54.39	N16 21.22	330 30.29	N22 35.47	330 09.23	N21 43.12	004 34.47	N21 53.71	344 00.38	N23 01.94	076 27.80	16.63	S01 32.90	12.52	54.25
12	100 21.15	316 54.06	N16 20.24	345 31.03	N22 35.21	345 11.10	N21 43.03	019 36.60	N21 53.73	359 00.27	N23 01.75	091 03.43	16.64	S01 20.38	12.53	54.25
13	115 23.62	331 53.72	N16 19.26	000 31.77	N22 34.94	000 12.98	N21 42.94	034 38.72	N21 53.75	014 00.15	N23 01.57	105 39.07	16.64	S01 07.85	12.53	54.25
14	130 26.08	346 53.38	N16 18.28	015 32.51	N22 34.68	015 14.86	N21 42.85	049 40.85	N21 53.77	029 00.03	N23 01.38	120 14.71	16.64	S00 55.32	12.53	54.25
15	145 28.54	001 53.05	N16 17.30	030 33.25	N22 34.41	030 16.74	N21 42.76	064 42.98	N21 53.79	043 59.91	N23 01.19	134 50.35	16.64	S00 42.79	12.54	54.25
16	160 31.01	016 52.71	N16 16.31	045 33.99	N22 34.15	045 18.62	N21 42.67	079 45.11	N21 53.82	058 59.80	N23 01.00	149 25.99	16.64	S00 30.25	12.54	54.26
17	175 33.47	031 52.37	N16 15.33	060 34.73	N22 33.88	060 20.49	N21 42.58	094 47.23	N21 53.84	073 59.68	N23 00.81	164 01.63	16.64	S00 17.71	12.54	54.26
18	190 35.94	046 52.04	N16 14.35	075 35.47	N22 33.62	075 22.37	N21 42.49	109 49.36	N21 53.86	088 59.56	N23 00.62	178 37.27	16.64	S00 05.16	12.55	54.26
19	205 38.40	061 51.71	N16 13.36	090 36.21	N22 33.35	090 24.25	N21 42.40	124 51.49	N21 53.88	103 59.44	N23 00.43	193 12.91	16.63	N00 07.38	12.55	54.27
20	220 40.86	076 51.37	N16 12.38	105 36.95	N22 33.09	105 26.13	N21 42.31	139 53.61	N21 53.90	118 59.33	N23 00.24	207 48.54	16.63	N00 19.93	12.55	54.27
21	235 43.33	091 51.04	N16 11.40	120 37.69	N22 32.82	120 28.00	N21 42.22	154 55.74	N21 53.92	133 59.21	N23 00.05	222 24.16	16.62	N00 32.48	12.55	54.27
22	250 45.79	106 50.71	N16 10.41	135 38.44	N22 32.55	135 29.88	N21 42.13	169 57.87	N21 53.94	148 59.09	N22 59.85	236 59.79	16.61	N00 45.02	12.55	54.28
23	265 48.26	121 50.38	N16 09.42	150 39.18	N22 32.29	150 31.76	N21 42.04	184 60.00	N21 53.96	163 58.98	N22 59.66	251 35.40	16.61	N00 57.57	12.55	54.28
03 00	280 50.72	136 50.05	N16 08.44	165 39.92	N22 32.02	165 33.64	N21 41.95	200 02.12	N21 53.99	178 58.86	N22 59.46	266 11.01	16.60	N01 10.12	12.54	54.29
01	295 53.19	151 49.72	N16 07.45	180 40.66	N22 31.75	180 35.52	N21 41.86	215 04.25	N21 54.01	193 58.74	N22 59.27	280 46.60	16.59	N01 22.66	12.54	54.29
02	310 55.65	166 49.39	N16 06.46	195 41.40	N22 31.48	195 37.39	N21 41.77	230 06.38	N21 54.03	208 58.63	N22 59.07	295 22.19	16.58	N01 35.20	12.54	54.30
03	325 58.11	181 49.06	N16 05.47	210 42.14	N22 31.22	210 39.27	N21 41.68	245 08.51	N21 54.05	223 58.51	N22 58.88	309 57.77	16.56	N01 47.74	12.53	54.30
04	341 00.58	196 48.74	N16 04.48	225 42.88	N22 30.95	225 41.15	N21 41.59	260 10.64	N21 54.07	238 58.39	N22 58.68	324 33.33	16.55	N02 00.27	12.53	54.31
05	356 03.04	211 48.41	N16 03.49	240 43.63	N22 30.68	240 43.03	N21 41.50	275 12.76	N21 54.09	253 58.28	N22 58.48	339 08.88	16.54	N02 12.80	12.52	54.32
06	011 05.51	226 48.08	N16 02.50	255 44.37	N22 30.41	255 44.90	N21 41.41	290 14.89	N21 54.11	268 58.16	N22 58.28	353 44.41	16.52	N02 25.33	12.52	54.32
07	026 07.97	241 47.76	N16 01.51	270 45.11	N22 30.14	270 46.78	N21 41.32	305 17.02	N21 54.13	283 58.04	N22 58.08	008 19.93	16.50	N02 37.84	12.51	54.33
08	041 10.43	256 47.43	N16 00.52	285 45.85	N22 29.87	285 48.66	N21 41.23	320 19.15	N21 54.15	298 57.93	N22 57.88	022 55.44	16.49	N02 50.36	12.51	54.34
09	056 12.90	271 47.11	N15 59.52	300 46.59	N22 29.60	300 50.54	N21 41.13	335 21.27	N21 54.18	313 57.81	N22 57.68	037 30.92	16.47	N03 02.86	12.50	54.35
10	071 15.36	286 46.79	N15 58.53	315 47.34	N22 29.33	315 52.41	N21 41.04	350 23.40	N21 54.20	328 57.70	N22 57.48	052 06.39	16.45	N03 15.36	12.49	54.35
11	086 17.83	301 46.46	N15 57.54	330 48.08	N22 29.06	330 54.29	N21 40.95	005 25.53	N21 54.22	343 57.58	N22 57.28	066 41.84	16.43	N03 27.85	12.48	54.36
12	101 20.29	316 46.14	N15 56.54	345 48.82	N22 28.79	345 56.17	N21 40.86	020 27.66	N21 54.24	358 57.47	N22 57.08	081 17.27	16.41	N03 40.33	12.47	54.37
13	116 22.75	331 45.82	N15 55.55	000 49.57	N22 28.52	000 58.05	N21 40.77	035 29.79	N21 54.26	013 57.35	N22 56.87	095 52.67	16.38	N03 52.80	12.46	54.38
14	131 25.22	346 45.50	N15 54.55	015 50.31	N22 28.25	015 59.92	N21 40.68	050 31.92	N21 54.28	028 57.24	N22 56.67	110 28.06	16.36	N04 05.27	12.45	54.39
15	146 27.68	001 45.18	N15 53.55	030 51.05	N22 27.98	031 01.80	N21 40.59	065 34.04	N21 54.30	043 57.12	N22 56.46	125 03.41	16.33	N04 17.72	12.44	54.40
16	161 30.15	016 44.86	N15 52.56	045 51.80	N22 27.71	046 03.68	N21 40.50	080 36.17	N21 54.32	058 57.01	N22 56.26	139 38.75	16.31	N04 30.16	12.43	54.41
17	176 32.61	031 44.54	N15 51.56	060 52.54	N22 27.43	061 05.55	N21 40.41	095 38.30	N21 54.34	073 56.89	N22 56.05	154 14.06	16.28	N04 42.58	12.42	54.42
18	191 35.07	046 44.22	N15 50.56	075 53.28	N22 27.16	076 07.43	N21 40.32	110 40.43	N21 54.36	088 56.78	N22 55.84	168 49.34	16.25	N04 55.00	12.40	54.43
19	206 37.54	061 43.91	N15 49.56	090 54.03	N22 26.89	091 09.31	N21 40.22	125 42.56	N21 54.39	103 56.66	N22 55.64	183 24.59	16.22	N05 07.40	12.39	54.44
20	221 40.00	076 43.59	N15 48.56	105 54.77	N22 26.62	106 11.19	N21 40.13	140 44.69	N21 54.41	118 56.55	N22 55.43	197 59.82	16.19	N05 19.79	12.37	54.45
21	236 42.47	091 43.27	N15 47.56	120 55.52	N22 26.34	121 13.06	N21 40.04	155 46.81	N21 54.43	133 56.44	N22 55.22	212 35.01	16.16	N05 32.16	12.36	54.46
22	251 44.93	106 42.96	N15 46.56	135 56.26	N22 26.07	136 14.94	N21 39.95	170 48.94	N21 54.45	148 56.32	N22 55.01	227 10.17	16.13	N05 44.52	12.34	54.47
23	266 47.39	121 42.64	N15 45.56	150 57.00	N22 25.79	151 16.82	N21 39.86	185 51.07	N21 54.47	163 56.21	N22 54.80	241 45.30	16.10	N05 56.86	12.32	54.48
		v -0.33	d 0.99	v 0.74	d 0.27	v 1.88	d 0.09	v 2.13	d 0.02	v -0.12	d 0.20	SD	14.78	14.81		
		HP 0.14		HP 0.06						SD 15.73	HP 0.14					

Thursday July 04, 2002 through Friday July 05, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
04 00	281 49.86	136 42.33	N15 44.55	165 57.75	N22 25.52	166 18.69	N21 39.77	200 53.20	N21 54.49	178 56.09	N22 54.59	256 20.40	16.06	N06 09.19	12.31	54.50
01	296 52.32	151 42.02	N15 43.55	180 58.49	N22 25.25	181 20.57	N21 39.68	215 55.33	N21 54.51	193 55.98	N22 54.37	270 55.46	16.03	N06 21.49	12.29	54.51
02	311 54.79	166 41.70	N15 42.55	195 59.24	N22 24.97	196 22.45	N21 39.58	230 57.46	N21 54.53	208 55.87	N22 54.16	285 30.49	15.99	N06 33.78	12.27	54.52
03	326 57.25	181 41.39	N15 41.54	210 59.98	N22 24.70	211 24.33	N21 39.49	245 59.59	N21 54.55	223 55.75	N22 53.95	300 05.48	15.95	N06 46.05	12.25	54.53
04	341 59.72	196 41.08	N15 40.54	226 00.73	N22 24.42	226 26.20	N21 39.40	261 01.71	N21 54.57	238 55.64	N22 53.73	314 40.44	15.92	N06 58.31	12.23	54.55
05	357 02.18	211 40.77	N15 39.53	241 01.47	N22 24.15	241 28.08	N21 39.31	276 03.84	N21 54.59	253 55.53	N22 53.52	329 15.35	15.88	N07 10.54	12.21	54.56
06	012 04.64	226 40.46	N15 38.53	256 02.22	N22 23.87	256 29.96	N21 39.22	291 05.97	N21 54.61	268 55.41	N22 53.30	343 50.23	15.84	N07 22.75	12.19	54.57
07	027 07.11	241 40.15	N15 37.52	271 02.96	N22 23.59	271 31.83	N21 39.13	306 08.10	N21 54.63	283 55.30	N22 53.09	358 25.06	15.79	N07 34.94	12.17	54.59
08	042 09.57	256 39.84	N15 36.51	286 03.71	N22 23.32	286 33.71	N21 39.03	321 10.23	N21 54.66	298 55.19	N22 52.87	012 59.86	15.75	N07 47.10	12.14	54.60
09	057 12.04	271 39.54	N15 35.50	301 04.46	N22 23.04	301 35.59	N21 38.94	336 12.36	N21 54.68	313 55.08	N22 52.65	027 34.61	15.71	N07 59.24	12.12	54.62
10	072 14.50	286 39.23	N15 34.50	316 05.20	N22 22.76	316 37.47	N21 38.85	351 14.49	N21 54.70	328 54.96	N22 52.44	042 09.32	15.66	N08 11.36	12.09	54.63
11	087 16.96	301 38.92	N15 33.49	331 05.95	N22 22.49	331 39.34	N21 38.76	006 16.62	N21 54.72	343 54.85	N22 52.22	056 43.98	15.62	N08 23.46	12.07	54.65
12	102 19.43	316 38.62	N15 32.48	346 06.69	N22 22.21	346 41.22	N21 38.67	021 18.75	N21 54.74	358 54.74	N22 52.00	071 18.60	15.57	N08 35.53	12.04	54.66
13	117 21.89	331 38.31	N15 31.47	001 07.44	N22 21.93	001 43.10	N21 38.58	036 20.88	N21 54.76	013 54.63	N22 51.78	085 53.17	15.52	N08 47.57	12.02	54.68
14	132 24.36	346 38.01	N15 30.45	016 08.19	N22 21.65	016 44.97	N21 38.48	051 23.00	N21 54.78	028 54.51	N22 51.56	100 27.70	15.48	N08 59.59	11.99	54.69
15	147 26.82	001 37.70	N15 29.44	031 08.93	N22 21.37	031 46.85	N21 38.39	066 25.13	N21 54.80	043 54.40	N22 51.33	115 02.17	15.43	N09 11.58	11.96	54.71
16	162 29.28	016 37.40	N15 28.43	046 09.68	N22 21.09	046 48.73	N21 38.30	081 27.26	N21 54.82	058 54.29	N22 51.11	129 36.60	15.37	N09 23.54	11.93	54.72
17	177 31.75	031 37.10	N15 27.42	061 10.43	N22 20.82	061 50.60	N21 38.21	096 29.39	N21 54.84	073 54.18	N22 50.89	144 10.97	15.32	N09 35.47	11.90	54.74
18	192 34.21	046 36.80	N15 26.40	076 11.17	N22 20.54	076 52.48	N21 38.12	111 31.52	N21 54.86	088 54.07	N22 50.67	158 45.29	15.27	N09 47.37	11.87	54.76
19	207 36.68	061 36.49	N15 25.39	091 11.92	N22 20.26	091 54.36	N21 38.02	126 33.65	N21 54.88	103 53.96	N22 50.44	173 19.56	15.22	N09 59.24	11.84	54.77
20	222 39.14	076 36.19	N15 24.37	106 12.67	N22 19.98	106 56.23	N21 37.93	141 35.78	N21 54.90	118 53.85	N22 50.22	187 53.78	15.16	N10 11.08	11.81	54.79
21	237 41.61	091 35.89	N15 23.36	121 13.42	N22 19.70	121 58.11	N21 37.84	156 37.91	N21 54.92	133 53.73	N22 49.99	202 27.94	15.11	N10 22.89	11.77	54.81
22	252 44.07	106 35.60	N15 22.34	136 14.16	N22 19.42	136 59.99	N21 37.75	171 40.04	N21 54.94	148 53.62	N22 49.76	217 02.05	15.05	N10 34.66	11.74	54.83
23	267 46.53	121 35.30	N15 21.33	151 14.91	N22 19.13	152 01.86	N21 37.65	186 42.17	N21 54.96	163 53.51	N22 49.54	231 36.10	14.99	N10 46.40	11.71	54.85
05 00	282 49.00	136 35.00	N15 20.31	166 15.66	N22 18.85	167 03.74	N21 37.56	201 44.30	N21 54.98	178 53.40	N22 49.31	246 10.09	14.93	N10 58.11	11.67	54.86
01	297 51.46	151 34.70	N15 19.29	181 16.41	N22 18.57	182 05.62	N21 37.47	216 46.43	N21 55.00	193 53.29	N22 49.08	260 44.03	14.87	N11 09.78	11.63	54.88
02	312 53.93	166 34.41	N15 18.27	196 17.16	N22 18.29	197 07.49	N21 37.38	231 48.56	N21 55.02	208 53.18	N22 48.85	275 17.90	14.81	N11 21.41	11.60	54.90
03	327 56.39	181 34.11	N15 17.25	211 17.90	N22 18.01	212 09.37	N21 37.29	246 50.69	N21 55.04	223 53.07	N22 48.62	289 51.72	14.75	N11 33.00	11.56	54.92
04	342 58.85	196 33.81	N15 16.23	226 18.65	N22 17.73	227 11.25	N21 37.19	261 52.82	N21 55.06	238 52.96	N22 48.39	304 25.47	14.69	N11 44.56	11.52	54.94
05	358 01.32	211 33.52	N15 15.21	241 19.40	N22 17.44	242 13.12	N21 37.10	276 54.95	N21 55.08	253 52.85	N22 48.16	318 59.16	14.63	N11 56.08	11.48	54.96
06	013 03.78	226 33.23	N15 14.19	256 20.15	N22 17.16	257 15.00	N21 37.01	291 57.08	N21 55.10	268 52.74	N22 47.93	333 32.79	14.56	N12 07.56	11.44	54.98
07	028 06.25	241 32.93	N15 13.17	271 20.90	N22 16.88	272 16.88	N21 36.91	306 59.21	N21 55.12	283 52.63	N22 47.69	348 06.35	14.50	N12 19.00	11.40	55.00
08	043 08.71	256 32.64	N15 12.15	286 21.65	N22 16.59	287 18.75	N21 36.82	322 01.34	N21 55.15	298 52.52	N22 47.46	002 39.85	14.43	N12 30.39	11.35	55.02
09	058 11.17	271 32.35	N15 11.13	301 22.40	N22 16.31	302 20.63	N21 36.73	337 03.47	N21 55.17	313 52.41	N22 47.23	017 13.28	14.36	N12 41.74	11.31	55.04
10	073 13.64	286 32.06	N15 10.10	316 23.15	N22 16.03	317 22.51	N21 36.64	352 05.60	N21 55.19	328 52.30	N22 46.99	031 46.65	14.30	N12 53.05	11.27	55.06
11	088 16.10	301 31.77	N15 09.08	331 23.90	N22 15.74	332 24.38	N21 36.54	007 07.73	N21 55.21	343 52.19	N22 46.76	046 19.94	14.23	N13 04.32	11.22	55.08
12	103 18.57	316 31.48	N15 08.06	346 24.65	N22 15.46	347 26.26	N21 36.45	022 09.86	N21 55.23	358 52.09	N22 46.52	060 53.17	14.16	N13 15.54	11.17	55.10
13	118 21.03	331 31.19	N15 07.03	001 25.40	N22 15.17	002 28.14	N21 36.36	037 11.99	N21 55.25	013 51.98	N22 46.28	075 26.33	14.09	N13 26.71	11.13	55.13
14	133 23.50	346 30.90	N15 06.00	016 26.15	N22 14.89	017 30.01	N21 36.27	052 14.12	N21 55.27	028 51.87	N22 46.05	089 59.42	14.02	N13 37.84	11.08	55.15
15	148 25.96	001 30.61	N15 04.98	031 26.90	N22 14.60	032 31.89	N21 36.17	067 16.25	N21 55.29	043 51.76	N22 45.81	104 32.43	13.94	N13 48.92	11.03	55.17
16	163 28.42	016 30.33	N15 03.95	046 27.65	N22 14.32	047 33.76	N21 36.08	082 18.38	N21 55.31	058 51.65	N22 45.57	119 05.38	13.87	N13 59.95	10.98	55.19
17	178 30.89	031 30.04	N15 02.92	061 28.40	N22 14.03	062 35.64	N21 35.99	097 20.51	N21 55.33	073 51.54	N22 45.33	133 38.25	13.80	N14 10.93	10.93	55.21
18	193 33.35	046 29.75	N15 01.90	076 29.15	N22 13.74	077 37.52	N21 35.89	112 22.64	N21 55.35	088 51.43	N22 45.09	148 11.05	13.72	N14 21.85	10.88	55.24
19	208 35.82	061 29.47	N15 00.87	091 29.90	N22 13.46	092 39.39	N21 35.80	127 24.77	N21 55.37	103 51.33	N22 44.85	162 43.77	13.65	N14 32.73	10.82	55.26
20	223 38.28	076 29.19	N14 59.84	106 30.65	N22 13.17	107 41.27	N21 35.71	142 26.90	N21 55.39	118 51.22	N22 44.61	177 16.42	13.57	N14 43.55	10.77	55.28
21	238 40.74	091 28.90	N14 58.81	121 31.40	N22 12.88	122 43.15	N21 35.61	157 29.03	N21 55.41	133 51.11	N22 44.37	191 48.99	13.49	N14 54.32	10.71	55.30
22	253 43.21	106 28.62	N14 57.78	136 32.15	N22 12.60	137 45.02	N21 35.52	172 31.17	N21 55.43	148 51.00	N22 44.12	206 21.48	13.42	N15 05.03	10.66	55.33
23	268 45.67	121 28.34	N14 56.75	151 32.90	N22 12.31	152 46.90	N21 35.43	187 33.30	N21 55.45	163 50.90	N22 43.88	220 53.90	13.34	N15 15.69	10.60	55.35
		v -0.30	d 1.02	v 0.75	d 0.28	v 1.88	d 0.09	v 2.13	d 0.02	v -0.11	d 0.23	SD	14.89	15.01		
		HP 0.14		HP 0.06						SD 15.73	HP 0.14					

Saturday July 06, 2002 through Sunday July 07, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
06 00	283 48.14	136 28.05	N14 55.72	166 33.65	N22 12.02	167 48.78	N21 35.33	202 35.43	N21 55.47	178 50.79	N22 43.63	235 26.24	13.26	N15 26.29	10.54	55.38
01	298 50.60	151 27.77	N14 54.68	181 34.40	N22 11.73	182 50.65	N21 35.24	217 37.56	N21 55.49	193 50.68	N22 43.39	249 58.49	13.18	N15 36.83	10.48	55.40
02	313 53.06	166 27.49	N14 53.65	196 35.16	N22 11.44	197 52.53	N21 35.15	232 39.69	N21 55.51	208 50.57	N22 43.14	264 30.67	13.10	N15 47.32	10.42	55.42
03	328 55.53	181 27.21	N14 52.62	211 35.91	N22 11.16	212 54.40	N21 35.05	247 41.82	N21 55.53	223 50.47	N22 42.90	279 02.77	13.01	N15 57.74	10.36	55.45
04	343 57.99	196 26.93	N14 51.58	226 36.66	N22 10.87	227 56.28	N21 34.96	262 43.95	N21 55.55	238 50.36	N22 42.65	293 34.78	12.93	N16 08.10	10.30	55.47
05	359 00.46	211 26.66	N14 50.55	241 37.41	N22 10.58	242 58.16	N21 34.87	277 46.08	N21 55.57	253 50.25	N22 42.40	308 06.71	12.85	N16 18.40	10.24	55.50
06	014 02.92	226 26.38	N14 49.51	256 38.16	N22 10.29	258 00.03	N21 34.77	292 48.21	N21 55.59	268 50.15	N22 42.15	322 38.56	12.77	N16 28.64	10.17	55.52
07	029 05.39	241 26.10	N14 48.48	271 38.92	N22 10.00	273 01.91	N21 34.68	307 50.34	N21 55.61	283 50.04	N22 41.90	337 10.33	12.68	N16 38.81	10.11	55.55
08	044 07.85	256 25.83	N14 47.44	286 39.67	N22 09.71	288 03.78	N21 34.59	322 52.48	N21 55.63	298 49.94	N22 41.65	351 42.01	12.60	N16 48.91	10.04	55.57
09	059 10.31	271 25.55	N14 46.40	301 40.42	N22 09.42	303 05.66	N21 34.49	337 54.61	N21 55.64	313 49.83	N22 41.40	006 13.60	12.51	N16 58.95	09.97	55.60
10	074 12.78	286 25.27	N14 45.37	316 41.17	N22 09.13	318 07.54	N21 34.40	352 56.74	N21 55.66	328 49.72	N22 41.15	020 45.11	12.42	N17 08.92	09.90	55.62
11	089 15.24	301 25.00	N14 44.33	331 41.93	N22 08.83	333 09.41	N21 34.31	007 58.87	N21 55.68	343 49.62	N22 40.90	035 16.54	12.34	N17 18.83	09.83	55.65
12	104 17.71	316 24.73	N14 43.29	346 42.68	N22 08.54	348 11.29	N21 34.21	023 01.00	N21 55.70	358 49.51	N22 40.65	049 47.87	12.25	N17 28.66	09.76	55.67
13	119 20.17	331 24.45	N14 42.25	001 43.43	N22 08.25	003 13.17	N21 34.12	038 03.13	N21 55.72	013 49.41	N22 40.40	064 19.12	12.16	N17 38.42	09.69	55.70
14	134 22.63	346 24.18	N14 41.21	016 44.19	N22 07.96	018 15.04	N21 34.03	053 05.26	N21 55.74	028 49.30	N22 40.14	078 50.28	12.07	N17 48.11	09.62	55.73
15	149 25.10	001 23.91	N14 40.17	031 44.94	N22 07.67	033 16.92	N21 33.93	068 07.40	N21 55.76	043 49.20	N22 39.89	093 21.36	11.98	N17 57.72	09.54	55.75
16	164 27.56	016 23.64	N14 39.13	046 45.69	N22 07.37	048 18.79	N21 33.84	083 09.53	N21 55.78	058 49.09	N22 39.63	107 52.34	11.89	N18 07.26	09.46	55.78
17	179 30.03	031 23.37	N14 38.09	061 46.45	N22 07.08	063 20.67	N21 33.74	098 11.66	N21 55.80	073 48.99	N22 39.38	122 23.23	11.80	N18 16.73	09.39	55.81
18	194 32.49	046 23.10	N14 37.05	076 47.20	N22 06.79	078 22.55	N21 33.65	113 13.79	N21 55.82	088 48.88	N22 39.12	136 54.04	11.71	N18 26.11	09.31	55.83
19	209 34.96	061 22.83	N14 36.00	091 47.95	N22 06.50	093 24.42	N21 33.56	128 15.92	N21 55.84	103 48.78	N22 38.86	151 24.75	11.62	N18 35.42	09.23	55.86
20	224 37.42	076 22.56	N14 34.96	106 48.71	N22 06.20	108 26.30	N21 33.46	143 18.05	N21 55.86	118 48.67	N22 38.60	165 55.37	11.53	N18 44.65	09.15	55.89
21	239 39.88	091 22.29	N14 33.92	121 49.46	N22 05.91	123 28.17	N21 33.37	158 20.19	N21 55.88	133 48.57	N22 38.34	180 25.90	11.44	N18 53.80	09.07	55.91
22	254 42.35	106 22.03	N14 32.87	136 50.22	N22 05.61	138 30.05	N21 33.27	173 22.32	N21 55.90	148 48.47	N22 38.08	194 56.34	11.35	N19 02.87	08.99	55.94
23	269 44.81	121 21.76	N14 31.83	151 50.97	N22 05.32	153 31.92	N21 33.18	188 24.45	N21 55.92	163 48.36	N22 37.82	209 26.69	11.25	N19 11.86	08.90	55.97
07 00	284 47.28	136 21.49	N14 30.78	166 51.73	N22 05.02	168 33.80	N21 33.09	203 26.58	N21 55.94	178 48.26	N22 37.56	223 56.94	11.16	N19 20.76	08.82	56.00
01	299 49.74	151 21.23	N14 29.74	181 52.48	N22 04.73	183 35.68	N21 32.99	218 28.71	N21 55.96	193 48.16	N22 37.30	238 27.11	11.07	N19 29.57	08.73	56.02
02	314 52.20	166 20.96	N14 28.69	196 53.24	N22 04.43	198 37.55	N21 32.90	233 30.85	N21 55.98	208 48.05	N22 37.04	252 57.18	10.98	N19 38.30	08.64	56.05
03	329 54.67	181 20.70	N14 27.64	211 53.99	N22 04.14	213 39.43	N21 32.80	248 32.98	N21 56.00	223 47.95	N22 36.78	267 27.15	10.88	N19 46.94	08.55	56.08
04	344 57.13	196 20.44	N14 26.60	226 54.75	N22 03.84	228 41.30	N21 32.71	263 35.11	N21 56.02	238 47.85	N22 36.51	281 57.03	10.79	N19 55.50	08.46	56.11
05	359 59.60	211 20.18	N14 25.55	241 55.50	N22 03.55	243 43.18	N21 32.61	278 37.24	N21 56.04	253 47.74	N22 36.25	296 26.82	10.69	N20 03.96	08.37	56.14
06	015 02.06	226 19.91	N14 24.50	256 56.26	N22 03.25	258 45.06	N21 32.52	293 39.38	N21 56.06	268 47.64	N22 35.99	310 56.52	10.60	N20 12.33	08.28	56.16
07	030 04.53	241 19.65	N14 23.45	271 57.01	N22 02.95	273 46.93	N21 32.43	308 41.51	N21 56.08	283 47.54	N22 35.72	325 26.12	10.51	N20 20.61	08.18	56.19
08	045 06.99	256 19.39	N14 22.40	286 57.77	N22 02.66	288 48.81	N21 32.33	323 43.64	N21 56.09	298 47.44	N22 35.45	339 55.62	10.41	N20 28.79	08.09	56.22
09	060 09.45	271 19.13	N14 21.35	301 58.53	N22 02.36	303 50.68	N21 32.24	338 45.77	N21 56.11	313 47.33	N22 35.19	354 25.03	10.32	N20 36.88	07.99	56.25
10	075 11.92	286 18.87	N14 20.30	316 59.28	N22 02.06	318 52.56	N21 32.14	353 47.91	N21 56.13	328 47.23	N22 34.92	008 54.35	10.22	N20 44.87	07.89	56.28
11	090 14.38	301 18.61	N14 19.25	332 00.04	N22 01.76	333 54.43	N21 32.05	008 50.04	N21 56.15	343 47.13	N22 34.65	023 23.57	10.13	N20 52.77	07.80	56.31
12	105 16.85	316 18.36	N14 18.19	347 00.80	N22 01.46	348 56.31	N21 31.95	023 52.17	N21 56.17	358 47.03	N22 34.38	037 52.70	10.03	N21 00.56	07.70	56.34
13	120 19.31	331 18.10	N14 17.14	002 01.55	N22 01.17	003 58.19	N21 31.86	038 54.30	N21 56.19	013 46.93	N22 34.11	052 21.73	09.94	N21 08.26	07.59	56.37
14	135 21.77	346 17.84	N14 16.09	017 02.31	N22 00.87	019 00.06	N21 31.76	053 56.44	N21 56.21	028 46.82	N22 33.84	066 50.67	09.84	N21 15.85	07.49	56.39
15	150 24.24	001 17.59	N14 15.03	032 03.07	N22 00.57	034 01.94	N21 31.67	068 58.57	N21 56.23	043 46.72	N22 33.57	081 19.52	09.75	N21 23.35	07.39	56.42
16	165 26.70	016 17.33	N14 13.98	047 03.82	N22 00.27	049 03.81	N21 31.57	084 00.70	N21 56.25	058 46.62	N22 33.30	095 48.27	09.66	N21 30.73	07.28	56.45
17	180 29.17	031 17.08	N14 12.92	062 04.58	N21 59.97	064 05.69	N21 31.48	099 02.84	N21 56.27	073 46.52	N22 33.03	110 16.93	09.56	N21 38.02	07.18	56.48
18	195 31.63	046 16.82	N14 11.87	077 05.34	N21 59.67	079 07.56	N21 31.38	114 04.97	N21 56.29	088 46.42	N22 32.75	124 45.49	09.47	N21 45.19	07.07	56.51
19	210 34.10	061 16.57	N14 10.81	092 06.10	N21 59.37	094 09.44	N21 31.29	129 07.10	N21 56.31	103 46.32	N22 32.48	139 13.96	09.38	N21 52.26	06.96	56.54
20	225 36.56	076 16.32	N14 09.76	107 06.85	N21 59.07	109 11.32	N21 31.19	144 09.23	N21 56.33	118 46.22	N22 32.21	153 42.33	09.28	N21 59.22	06.85	56.57
21	240 39.02	091 16.07	N14 08.70	122 07.61	N21 58.77	124 13.19	N21 31.10	159 11.37	N21 56.35	133 46.12	N22 31.93	168 10.61	09.19	N22 06.07	06.74	56.60
22	255 41.49	106 15.81	N14 07.64	137 08.37	N21 58.47	139 15.07	N21 31.00	174 13.50	N21 56.36	148 46.02	N22 31.66	182 38.80	09.10	N22 12.81	06.63	56.63
23	270 43.95	121 15.56	N14 06.58	152 09.13	N21 58.17	154 16.94	N21 30.91	189 15.63	N21 56.38	163 45.92	N22 31.38	197 06.90	09.00	N22 19.43	06.51	56.66
		v -0.27	d 1.05	v 0.75	d 0.30	v 1.88	d 0.09	v 2.13	d 0.02	v -0.10	d 0.26	SD	15.17	15.35		
		HP 0.14		HP 0.06						SD 15.73	HP 0.14					

Monday July 08, 2002 through Tuesday July 09, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
08 00	285 46.42	136 15.31	N14 05.52	167 09.89	N21 57.86	169 18.82	N21 30.81	204 17.77	N21 56.40	178 45.82	N22 31.10	211 34.90	08.91	N22 25.95	06.40	56.69
01	300 48.88	151 15.06	N14 04.46	182 10.64	N21 57.56	184 20.69	N21 30.72	219 19.90	N21 56.42	193 45.72	N22 30.82	226 02.82	08.82	N22 32.34	06.28	56.72
02	315 51.34	166 14.82	N14 03.40	197 11.40	N21 57.26	199 22.57	N21 30.62	234 22.03	N21 56.44	208 45.62	N22 30.55	240 30.64	08.73	N22 38.62	06.16	56.75
03	330 53.81	181 14.57	N14 02.34	212 12.16	N21 56.96	214 24.44	N21 30.53	249 24.17	N21 56.46	223 45.52	N22 30.27	254 58.37	08.64	N22 44.78	06.04	56.78
04	345 56.27	196 14.32	N14 01.28	227 12.92	N21 56.66	229 26.32	N21 30.43	264 26.30	N21 56.48	238 45.42	N22 29.99	269 26.01	08.55	N22 50.83	05.92	56.81
05	000 58.74	211 14.07	N14 00.22	242 13.68	N21 56.35	244 28.20	N21 30.34	279 28.43	N21 56.50	253 45.32	N22 29.71	283 53.56	08.46	N22 56.75	05.80	56.84
06	016 01.20	226 13.83	N13 59.16	257 14.44	N21 56.05	259 30.07	N21 30.24	294 30.57	N21 56.52	268 45.22	N22 29.43	298 21.02	08.37	N23 02.55	05.68	56.87
07	031 03.67	241 13.58	N13 58.10	272 15.20	N21 55.75	274 31.95	N21 30.15	309 32.70	N21 56.54	283 45.12	N22 29.14	312 48.39	08.28	N23 08.23	05.56	56.89
08	046 06.13	256 13.34	N13 57.03	287 15.96	N21 55.44	289 33.82	N21 30.05	324 34.84	N21 56.56	298 45.03	N22 28.86	327 15.67	08.20	N23 13.79	05.43	56.92
09	061 08.59	271 13.09	N13 55.97	302 16.72	N21 55.14	304 35.70	N21 29.96	339 36.97	N21 56.57	313 44.93	N22 28.58	341 42.87	08.11	N23 19.22	05.30	56.95
10	076 11.06	286 12.85	N13 54.90	317 17.48	N21 54.83	319 37.57	N21 29.86	354 39.10	N21 56.59	328 44.83	N22 28.29	356 09.98	08.02	N23 24.52	05.18	56.98
11	091 13.52	301 12.61	N13 53.84	332 18.24	N21 54.53	334 39.45	N21 29.77	009 41.24	N21 56.61	343 44.73	N22 28.01	010 37.01	07.94	N23 29.70	05.05	57.01
12	106 15.99	316 12.37	N13 52.77	347 19.00	N21 54.22	349 41.32	N21 29.67	024 43.37	N21 56.63	358 44.63	N22 27.72	025 03.95	07.86	N23 34.75	04.92	57.04
13	121 18.45	331 12.12	N13 51.71	002 19.76	N21 53.92	004 43.20	N21 29.58	039 45.51	N21 56.65	013 44.54	N22 27.44	039 30.80	07.77	N23 39.67	04.79	57.07
14	136 20.92	346 11.88	N13 50.64	017 20.52	N21 53.61	019 45.08	N21 29.48	054 47.64	N21 56.67	028 44.44	N22 27.15	053 57.58	07.69	N23 44.45	04.66	57.10
15	151 23.38	001 11.64	N13 49.58	032 21.28	N21 53.31	034 46.95	N21 29.38	069 49.77	N21 56.69	043 44.34	N22 26.86	068 24.27	07.61	N23 49.11	04.52	57.13
16	166 25.84	016 11.40	N13 48.51	047 22.04	N21 53.00	049 48.83	N21 29.29	084 51.91	N21 56.71	058 44.24	N22 26.58	082 50.87	07.53	N23 53.63	04.39	57.16
17	181 28.31	031 11.17	N13 47.44	062 22.80	N21 52.70	064 50.70	N21 29.19	099 54.04	N21 56.73	073 44.15	N22 26.29	097 17.40	07.45	N23 58.02	04.25	57.19
18	196 30.77	046 10.93	N13 46.37	077 23.56	N21 52.39	079 52.58	N21 29.10	114 56.18	N21 56.74	088 44.05	N22 26.00	111 43.85	07.37	N24 02.28	04.12	57.22
19	211 33.24	061 10.69	N13 45.30	092 24.32	N21 52.08	094 54.45	N21 29.00	129 58.31	N21 56.76	103 43.95	N22 25.71	126 10.22	07.29	N24 06.39	03.98	57.25
20	226 35.70	076 10.45	N13 44.23	107 25.08	N21 51.78	109 56.33	N21 28.91	145 00.44	N21 56.78	118 43.86	N22 25.42	140 36.52	07.22	N24 10.37	03.84	57.28
21	241 38.16	091 10.22	N13 43.16	122 25.84	N21 51.47	124 58.20	N21 28.81	160 02.58	N21 56.80	133 43.76	N22 25.13	155 02.74	07.14	N24 14.22	03.70	57.31
22	256 40.63	106 09.98	N13 42.09	137 26.60	N21 51.16	140 00.08	N21 28.71	175 04.71	N21 56.82	148 43.66	N22 24.84	169 28.88	07.07	N24 17.92	03.56	57.34
23	271 43.09	121 09.75	N13 41.02	152 27.37	N21 50.85	155 01.95	N21 28.62	190 06.85	N21 56.84	163 43.57	N22 24.54	183 54.95	07.00	N24 21.48	03.42	57.37
09 00	286 45.56	136 09.51	N13 39.95	167 28.13	N21 50.54	170 03.83	N21 28.52	205 08.98	N21 56.86	178 43.47	N22 24.25	198 20.95	06.93	N24 24.90	03.28	57.40
01	301 48.02	151 09.28	N13 38.88	182 28.89	N21 50.24	185 05.70	N21 28.43	220 11.12	N21 56.87	193 43.38	N22 23.96	212 46.87	06.86	N24 28.18	03.13	57.43
02	316 50.49	166 09.05	N13 37.80	197 29.65	N21 49.93	200 07.58	N21 28.33	235 13.25	N21 56.89	208 43.28	N22 23.66	227 12.73	06.79	N24 31.31	02.99	57.46
03	331 52.95	181 08.81	N13 36.73	212 30.41	N21 49.62	215 09.46	N21 28.23	250 15.39	N21 56.91	223 43.19	N22 23.37	241 38.51	06.72	N24 34.30	02.84	57.48
04	346 55.41	196 08.58	N13 35.66	227 31.18	N21 49.31	230 11.33	N21 28.14	265 17.52	N21 56.93	238 43.09	N22 23.07	256 04.24	06.65	N24 37.15	02.70	57.51
05	001 57.88	211 08.35	N13 34.58	242 31.94	N21 49.00	245 13.21	N21 28.04	280 19.66	N21 56.95	253 43.00	N22 22.77	270 29.89	06.59	N24 39.84	02.55	57.54
06	017 00.34	226 08.12	N13 33.51	257 32.70	N21 48.69	260 15.08	N21 27.95	295 21.79	N21 56.97	268 42.90	N22 22.48	284 55.48	06.53	N24 42.39	02.40	57.57
07	032 02.81	241 07.89	N13 32.43	272 33.46	N21 48.38	275 16.96	N21 27.85	310 23.93	N21 56.99	283 42.81	N22 22.18	299 21.01	06.47	N24 44.80	02.25	57.60
08	047 05.27	256 07.66	N13 31.36	287 34.23	N21 48.07	290 18.83	N21 27.75	325 26.06	N21 57.01	298 42.71	N22 21.88	313 46.47	06.41	N24 47.05	02.10	57.63
09	062 07.74	271 07.43	N13 30.28	302 34.99	N21 47.76	305 20.71	N21 27.66	340 28.20	N21 57.02	313 42.62	N22 21.58	328 11.88	06.35	N24 49.15	01.95	57.66
10	077 10.20	286 07.20	N13 29.20	317 35.75	N21 47.45	320 22.58	N21 27.56	355 30.33	N21 57.04	328 42.52	N22 21.28	342 37.23	06.29	N24 51.11	01.80	57.69
11	092 12.66	301 06.98	N13 28.12	332 36.52	N21 47.14	335 24.46	N21 27.46	010 32.47	N21 57.06	343 42.43	N22 20.98	357 02.52	06.24	N24 52.91	01.65	57.71
12	107 15.13	316 06.75	N13 27.05	347 37.28	N21 46.82	350 26.33	N21 27.37	025 34.60	N21 57.08	358 42.34	N22 20.68	011 27.76	06.18	N24 54.56	01.50	57.74
13	122 17.59	331 06.53	N13 25.97	002 38.04	N21 46.51	005 28.21	N21 27.27	040 36.74	N21 57.10	013 42.24	N22 20.38	025 52.94	06.13	N24 56.06	01.34	57.77
14	137 20.06	346 06.30	N13 24.89	017 38.81	N21 46.20	020 30.08	N21 27.18	055 38.87	N21 57.12	028 42.15	N22 20.07	040 18.07	06.08	N24 57.40	01.19	57.80
15	152 22.52	001 06.08	N13 23.81	032 39.57	N21 45.89	035 31.96	N21 27.08	070 41.01	N21 57.13	043 42.06	N22 19.77	054 43.15	06.03	N24 58.59	01.03	57.83
16	167 24.98	016 05.85	N13 22.73	047 40.34	N21 45.58	050 33.83	N21 26.98	085 43.14	N21 57.15	058 41.96	N22 19.47	069 08.18	05.99	N24 59.62	00.88	57.85
17	182 27.45	031 05.63	N13 21.65	062 41.10	N21 45.26	065 35.71	N21 26.89	100 45.28	N21 57.17	073 41.87	N22 19.16	083 33.17	05.94	N25 00.50	00.72	57.88
18	197 29.91	046 05.41	N13 20.57	077 41.86	N21 44.95	080 37.58	N21 26.79	115 47.42	N21 57.19	088 41.78	N22 18.86	097 58.11	05.90	N25 01.23	00.57	57.91
19	212 32.38	061 05.18	N13 19.49	092 42.63	N21 44.64	095 39.46	N21 26.69	130 49.55	N21 57.21	103 41.69	N22 18.55	112 23.01	05.86	N25 01.79	00.41	57.94
20	227 34.84	076 04.96	N13 18.40	107 43.39	N21 44.32	110 41.33	N21 26.60	145 51.69	N21 57.23	118 41.59	N22 18.24	126 47.87	05.82	N25 02.20	00.25	57.96
21	242 37.31	091 04.74	N13 17.32	122 44.16	N21 44.01	125 43.21	N21 26.50	160 53.82	N21 57.25	133 41.50	N22 17.94	141 12.68	05.78	N25 02.45	00.09	57.99
22	257 39.77	106 04.52	N13 16.24	137 44.92	N21 43.69	140 45.08	N21 26.40	175 55.96	N21 57.26	148 41.41	N22 17.63	155 37.46	05.74	N25 02.54	00.07	58.02
23	272 42.23	121 04.30	N13 15.15	152 45.69	N21 43.38	155 46.96	N21 26.31	190 58.09	N21 57.28	163 41.32	N22 17.32	170 02.21	05.71	N25 02.48	00.23	58.05
		v -0.23	d 1.07	v 0.76	d 0.31	v 1.88	d 0.10	v 2.13	d 0.02	v -0.10	d 0.29	SD	15.54	15.73		
		HP 0.14		HP 0.06						SD 15.73	HP 0.14					

Wednesday July 10, 2002 through Thursday July 11, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
10 00	287 44.70	136 04.08	N13 14.07	167 46.45	N21 43.06	170 48.83	N21 26.21	206 00.23	N21 57.30	178 41.23	N22 17.01	184 26.91	05.68	N25 02.25	00.39	58.07
01	302 47.16	151 03.87	N13 12.99	182 47.22	N21 42.75	185 50.71	N21 26.11	221 02.37	N21 57.32	193 41.13	N22 16.70	198 51.59	05.65	N25 01.87	00.55	58.10
02	317 49.63	166 03.65	N13 11.90	197 47.99	N21 42.43	200 52.59	N21 26.02	236 04.50	N21 57.34	208 41.04	N22 16.39	213 16.24	05.62	N25 01.32	00.71	58.13
03	332 52.09	181 03.43	N13 10.82	212 48.75	N21 42.12	215 54.46	N21 25.92	251 06.64	N21 57.35	223 40.95	N22 16.08	227 40.86	05.59	N25 00.61	00.87	58.15
04	347 54.56	196 03.21	N13 09.73	227 49.52	N21 41.80	230 56.34	N21 25.82	266 08.78	N21 57.37	238 40.86	N22 15.77	242 05.45	05.57	N24 59.75	01.03	58.18
05	002 57.02	211 03.00	N13 08.64	242 50.28	N21 41.49	245 58.21	N21 25.72	281 10.91	N21 57.39	253 40.77	N22 15.45	256 30.02	05.54	N24 58.72	01.19	58.20
06	017 59.48	226 02.78	N13 07.56	257 51.05	N21 41.17	261 00.09	N21 25.63	296 13.05	N21 57.41	268 40.68	N22 15.14	270 54.56	05.52	N24 57.53	01.35	58.23
07	033 01.95	241 02.57	N13 06.47	272 51.82	N21 40.85	276 01.96	N21 25.53	311 15.18	N21 57.43	283 40.59	N22 14.83	285 19.08	05.50	N24 56.18	01.51	58.25
08	048 04.41	256 02.36	N13 05.38	287 52.58	N21 40.54	291 03.84	N21 25.43	326 17.32	N21 57.45	298 40.50	N22 14.51	299 43.59	05.49	N24 54.67	01.67	58.28
09	063 06.88	271 02.14	N13 04.29	302 53.35	N21 40.22	306 05.71	N21 25.34	341 19.46	N21 57.46	313 40.41	N22 14.20	314 08.08	05.47	N24 53.00	01.84	58.31
10	078 09.34	286 01.93	N13 03.20	317 54.12	N21 39.90	321 07.59	N21 25.24	356 21.59	N21 57.48	328 40.32	N22 13.88	328 32.55	05.46	N24 51.16	02.00	58.33
11	093 11.80	301 01.72	N13 02.11	332 54.88	N21 39.58	336 09.46	N21 25.14	011 23.73	N21 57.50	343 40.23	N22 13.56	342 57.01	05.45	N24 49.16	02.16	58.36
12	108 14.27	316 01.51	N13 01.02	347 55.65	N21 39.27	351 11.34	N21 25.05	026 25.87	N21 57.52	358 40.14	N22 13.25	357 21.46	05.44	N24 47.00	02.32	58.38
13	123 16.73	331 01.30	N12 59.93	002 56.42	N21 38.95	006 13.21	N21 24.95	041 28.00	N21 57.54	013 40.05	N22 12.93	011 45.90	05.43	N24 44.68	02.48	58.40
14	138 19.20	346 01.09	N12 58.84	017 57.19	N21 38.63	021 15.09	N21 24.85	056 30.14	N21 57.55	028 39.96	N22 12.61	026 10.33	05.43	N24 42.20	02.65	58.43
15	153 21.66	001 00.88	N12 57.75	032 57.95	N21 38.31	036 16.96	N21 24.75	071 32.28	N21 57.57	043 39.88	N22 12.29	040 34.76	05.42	N24 39.55	02.81	58.45
16	168 24.13	016 00.67	N12 56.66	047 58.72	N21 37.99	051 18.84	N21 24.66	086 34.41	N21 57.59	058 39.79	N22 11.97	054 59.18	05.42	N24 36.74	02.97	58.48
17	183 26.59	031 00.46	N12 55.56	062 59.49	N21 37.67	066 20.71	N21 24.56	101 36.55	N21 57.61	073 39.70	N22 11.65	069 23.60	05.42	N24 33.77	03.13	58.50
18	198 29.05	046 00.26	N12 54.47	078 00.26	N21 37.35	081 22.59	N21 24.46	116 38.69	N21 57.63	088 39.61	N22 11.33	083 48.03	05.42	N24 30.64	03.29	58.52
19	213 31.52	061 00.05	N12 53.38	093 01.02	N21 37.03	096 24.46	N21 24.36	131 40.83	N21 57.64	103 39.52	N22 11.01	098 12.45	05.43	N24 27.35	03.46	58.55
20	228 33.98	075 59.84	N12 52.28	108 01.79	N21 36.71	111 26.34	N21 24.27	146 42.96	N21 57.66	118 39.43	N22 10.68	112 36.88	05.43	N24 23.89	03.62	58.57
21	243 36.45	090 59.64	N12 51.19	123 02.56	N21 36.39	126 28.21	N21 24.17	161 45.10	N21 57.68	133 39.35	N22 10.36	127 01.32	05.44	N24 20.28	03.78	58.59
22	258 38.91	105 59.43	N12 50.09	138 03.33	N21 36.07	141 30.09	N21 24.07	176 47.24	N21 57.70	148 39.26	N22 10.04	141 25.76	05.45	N24 16.50	03.94	58.62
23	273 41.38	120 59.23	N12 49.00	153 04.10	N21 35.75	156 31.96	N21 23.97	191 49.37	N21 57.72	163 39.17	N22 09.71	155 50.21	05.46	N24 12.56	04.10	58.64
11 00	288 43.84	135 59.03	N12 47.90	168 04.87	N21 35.43	171 33.84	N21 23.88	206 51.51	N21 57.73	178 39.09	N22 09.39	170 14.67	05.48	N24 08.46	04.26	58.66
01	303 46.30	150 58.82	N12 46.81	183 05.64	N21 35.11	186 35.71	N21 23.78	221 53.65	N21 57.75	193 39.00	N22 09.06	184 39.15	05.49	N24 04.21	04.42	58.68
02	318 48.77	165 58.62	N12 45.71	198 06.41	N21 34.78	201 37.59	N21 23.68	236 55.79	N21 57.77	208 38.91	N22 08.73	199 03.64	05.51	N23 59.79	04.58	58.71
03	333 51.23	180 58.42	N12 44.61	213 07.18	N21 34.46	216 39.46	N21 23.58	251 57.92	N21 57.79	223 38.83	N22 08.41	213 28.15	05.53	N23 55.21	04.74	58.73
04	348 53.70	195 58.22	N12 43.51	228 07.95	N21 34.14	231 41.34	N21 23.48	267 00.06	N21 57.81	238 38.74	N22 08.08	227 52.68	05.55	N23 50.47	04.89	58.75
05	003 56.16	210 58.02	N12 42.41	243 08.72	N21 33.82	246 43.21	N21 23.39	282 02.20	N21 57.82	253 38.65	N22 07.75	242 17.23	05.57	N23 45.58	05.05	58.77
06	018 58.62	225 57.82	N12 41.32	258 09.48	N21 33.49	261 45.09	N21 23.29	297 04.34	N21 57.84	268 38.57	N22 07.42	256 41.80	05.59	N23 40.53	05.21	58.79
07	034 01.09	240 57.62	N12 40.22	273 10.25	N21 33.17	276 46.96	N21 23.19	312 06.48	N21 57.86	283 38.48	N22 07.09	271 06.39	05.62	N23 35.32	05.37	58.81
08	049 03.55	255 57.42	N12 39.12	288 11.03	N21 32.85	291 48.84	N21 23.09	327 08.61	N21 57.88	298 38.40	N22 06.76	285 31.01	05.65	N23 29.95	05.52	58.83
09	064 06.02	270 57.23	N12 38.02	303 11.80	N21 32.52	306 50.71	N21 23.00	342 10.75	N21 57.89	313 38.31	N22 06.43	299 55.66	05.67	N23 24.43	05.68	58.85
10	079 08.48	285 57.03	N12 36.92	318 12.57	N21 32.20	321 52.59	N21 22.90	357 12.89	N21 57.91	328 38.23	N22 06.10	314 20.33	05.70	N23 18.75	05.83	58.87
11	094 10.95	300 56.83	N12 35.81	333 13.34	N21 31.87	336 54.46	N21 22.80	012 15.03	N21 57.93	343 38.14	N22 05.76	328 45.04	05.74	N23 12.92	05.99	58.89
12	109 13.41	315 56.64	N12 34.71	348 14.11	N21 31.55	351 56.34	N21 22.70	027 17.17	N21 57.95	358 38.06	N22 05.43	343 09.77	05.77	N23 06.93	06.14	58.91
13	124 15.87	330 56.44	N12 33.61	003 14.88	N21 31.22	006 58.21	N21 22.60	042 19.30	N21 57.97	013 37.97	N22 05.10	357 34.54	05.80	N23 00.79	06.29	58.93
14	139 18.34	345 56.25	N12 32.51	018 15.65	N21 30.90	022 00.09	N21 22.51	057 21.44	N21 57.98	028 37.89	N22 04.76	011 59.35	05.84	N22 54.50	06.44	58.95
15	154 20.80	000 56.05	N12 31.40	033 16.42	N21 30.57	037 01.96	N21 22.41	072 23.58	N21 58.00	043 37.80	N22 04.43	026 24.19	05.88	N22 48.05	06.60	58.97
16	169 23.27	015 55.86	N12 30.30	048 17.19	N21 30.25	052 03.84	N21 22.31	087 25.72	N21 58.02	058 37.72	N22 04.09	040 49.07	05.92	N22 41.46	06.75	58.99
17	184 25.73	030 55.67	N12 29.20	063 17.96	N21 29.92	067 05.71	N21 22.21	102 27.86	N21 58.04	073 37.64	N22 03.76	055 13.98	05.96	N22 34.71	06.90	59.00
18	199 28.20	045 55.48	N12 28.09	078 18.74	N21 29.60	082 07.59	N21 22.11	117 30.00	N21 58.05	088 37.55	N22 03.42	069 38.94	06.00	N22 27.82	07.04	59.02
19	214 30.66	060 55.28	N12 26.99	093 19.51	N21 29.27	097 09.46	N21 22.01	132 32.13	N21 58.07	103 37.47	N22 03.08	084 03.94	06.04	N22 20.77	07.19	59.04
20	229 33.12	075 55.09	N12 25.88	108 20.28	N21 28.94	112 11.34	N21 21.92	147 34.27	N21 58.09	118 37.39	N22 02.74	098 28.98	06.09	N22 13.58	07.34	59.06
21	244 35.59	090 54.90	N12 24.77	123 21.05	N21 28.62	127 13.21	N21 21.82	162 36.41	N21 58.11	133 37.30	N22 02.40	112 54.07	06.13	N22 06.24	07.48	59.07
22	259 38.05	105 54.71	N12 23.67	138 21.82	N21 28.29	142 15.09	N21 21.72	177 38.55	N21 58.12	148 37.22	N22 02.06	127 19.20	06.18	N21 58.76	07.63	59.09
23	274 40.52	120 54.53	N12 22.56	153 22.60	N21 27.96	157 16.96	N21 21.62	192 40.69	N21 58.14	163 37.14	N22 01.72	141 44.38	06.23	N21 51.13	07.77	59.11
		v -0.20	d 1.10	v 0.77	d 0.32	v 1.88	d 0.10	v 2.14	d 0.02	v -0.09	d 0.33	SD	15.90	16.05		
		HP 0.14		HP 0.06						SD 15.73	HP 0.14					

Friday July 12, 2002 through Saturday July 13, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
12 00	289 42.98	135 54.34	N12 21.45	168 23.37	N21 27.63	172 18.84	N21 21.52	207 42.83	N21 58.16	178 37.05	N22 01.38	156 09.60	06.27	N21 43.36	07.91	59.12
01	304 45.44	150 54.15	N12 20.35	183 24.14	N21 27.31	187 20.71	N21 21.42	222 44.97	N21 58.18	193 36.97	N22 01.04	170 34.88	06.32	N21 35.44	08.06	59.14
02	319 47.91	165 53.96	N12 19.24	198 24.91	N21 26.98	202 22.59	N21 21.32	237 47.11	N21 58.19	208 36.89	N22 00.70	185 00.20	06.38	N21 27.39	08.20	59.16
03	334 50.37	180 53.78	N12 18.13	213 25.69	N21 26.65	217 24.46	N21 21.23	252 49.24	N21 58.21	223 36.81	N22 00.35	199 25.58	06.43	N21 19.19	08.34	59.17
04	349 52.84	195 53.59	N12 17.02	228 26.46	N21 26.32	232 26.34	N21 21.13	267 51.38	N21 58.23	238 36.73	N22 00.01	213 51.01	06.48	N21 10.85	08.47	59.19
05	004 55.30	210 53.41	N12 15.91	243 27.23	N21 25.99	247 28.21	N21 21.03	282 53.52	N21 58.25	253 36.65	N21 59.67	228 16.49	06.53	N21 02.38	08.61	59.20
06	019 57.77	225 53.22	N12 14.80	258 28.01	N21 25.66	262 30.09	N21 20.93	297 55.66	N21 58.26	268 36.57	N21 59.32	242 42.02	06.59	N20 53.77	08.75	59.22
07	035 00.23	240 53.04	N12 13.69	273 28.78	N21 25.33	277 31.96	N21 20.83	312 57.80	N21 58.28	283 36.48	N21 58.98	257 07.61	06.65	N20 45.02	08.88	59.23
08	050 02.69	255 52.86	N12 12.58	288 29.55	N21 25.00	292 33.84	N21 20.73	327 59.94	N21 58.30	298 36.40	N21 58.63	271 33.26	06.70	N20 36.14	09.02	59.24
09	065 05.16	270 52.67	N12 11.47	303 30.33	N21 24.67	307 35.71	N21 20.63	343 02.08	N21 58.32	313 36.32	N21 58.28	285 58.96	06.76	N20 27.12	09.15	59.26
10	080 07.62	285 52.49	N12 10.35	318 31.10	N21 24.34	322 37.59	N21 20.54	358 04.22	N21 58.33	328 36.24	N21 57.93	300 24.72	06.82	N20 17.97	09.28	59.27
11	095 10.09	300 52.31	N12 09.24	333 31.88	N21 24.01	337 39.46	N21 20.44	013 06.36	N21 58.35	343 36.16	N21 57.59	314 50.53	06.88	N20 08.69	09.41	59.29
12	110 12.55	315 52.13	N12 08.13	348 32.65	N21 23.68	352 41.34	N21 20.34	028 08.50	N21 58.37	358 36.08	N21 57.24	329 16.41	06.93	N19 59.28	09.54	59.30
13	125 15.01	330 51.95	N12 07.02	003 33.43	N21 23.35	007 43.21	N21 20.24	043 10.64	N21 58.38	013 36.00	N21 56.89	343 42.34	06.99	N19 49.74	09.67	59.31
14	140 17.48	345 51.77	N12 05.90	018 34.20	N21 23.02	022 45.09	N21 20.14	058 12.78	N21 58.40	028 35.92	N21 56.54	358 08.34	07.06	N19 40.07	09.79	59.32
15	155 19.94	000 51.59	N12 04.79	033 34.98	N21 22.68	037 46.96	N21 20.04	073 14.92	N21 58.42	043 35.84	N21 56.19	012 34.39	07.12	N19 30.28	09.92	59.34
16	170 22.41	015 51.42	N12 03.67	048 35.75	N21 22.35	052 48.84	N21 19.94	088 17.06	N21 58.44	058 35.77	N21 55.83	027 00.51	07.18	N19 20.36	10.04	59.35
17	185 24.87	030 51.24	N12 02.56	063 36.53	N21 22.02	067 50.71	N21 19.84	103 19.20	N21 58.45	073 35.69	N21 55.48	041 26.69	07.24	N19 10.32	10.16	59.36
18	200 27.34	045 51.06	N12 01.44	078 37.30	N21 21.69	082 52.59	N21 19.74	118 21.34	N21 58.47	088 35.61	N21 55.13	055 52.93	07.30	N19 00.16	10.28	59.37
19	215 29.80	060 50.89	N12 00.33	093 38.08	N21 21.35	097 54.46	N21 19.64	133 23.48	N21 58.49	103 35.53	N21 54.78	070 19.23	07.37	N18 49.87	10.40	59.38
20	230 32.26	075 50.71	N11 59.21	108 38.85	N21 21.02	112 56.34	N21 19.54	148 25.62	N21 58.51	118 35.45	N21 54.42	084 45.60	07.43	N18 39.47	10.52	59.39
21	245 34.73	090 50.54	N11 58.09	123 39.63	N21 20.69	127 58.21	N21 19.45	163 27.76	N21 58.52	133 35.37	N21 54.07	099 12.03	07.49	N18 28.95	10.64	59.40
22	260 37.19	105 50.36	N11 56.97	138 40.40	N21 20.35	143 00.09	N21 19.35	178 29.90	N21 58.54	148 35.30	N21 53.71	113 38.52	07.56	N18 18.31	10.75	59.41
23	275 39.66	120 50.19	N11 55.86	153 41.18	N21 20.02	158 01.96	N21 19.25	193 32.04	N21 58.56	163 35.22	N21 53.36	128 05.07	07.62	N18 07.55	10.87	59.42
13 00	290 42.12	135 50.01	N11 54.74	168 41.96	N21 19.68	173 03.84	N21 19.15	208 34.18	N21 58.57	178 35.14	N21 53.00	142 31.69	07.68	N17 56.69	10.98	59.43
01	305 44.58	150 49.84	N11 53.62	183 42.73	N21 19.35	188 05.71	N21 19.05	223 36.32	N21 58.59	193 35.06	N21 52.64	156 58.38	07.75	N17 45.71	11.09	59.44
02	320 47.05	165 49.67	N11 52.50	198 43.51	N21 19.02	203 07.59	N21 18.95	238 38.46	N21 58.61	208 34.99	N21 52.28	171 25.13	07.81	N17 34.62	11.20	59.45
03	335 49.51	180 49.50	N11 51.38	213 44.29	N21 18.68	218 09.46	N21 18.85	253 40.60	N21 58.62	223 34.91	N21 51.92	185 51.94	07.88	N17 23.41	11.31	59.46
04	350 51.98	195 49.33	N11 50.26	228 45.06	N21 18.35	233 11.34	N21 18.75	268 42.74	N21 58.64	238 34.83	N21 51.56	200 18.82	07.94	N17 12.11	11.42	59.47
05	005 54.44	210 49.16	N11 49.14	243 45.84	N21 18.01	248 13.21	N21 18.65	283 44.88	N21 58.66	253 34.76	N21 51.20	214 45.76	08.01	N17 00.69	11.52	59.48
06	020 56.90	225 48.99	N11 48.02	258 46.62	N21 17.67	263 15.09	N21 18.55	298 47.02	N21 58.68	268 34.68	N21 50.84	229 12.77	08.07	N16 49.17	11.62	59.49
07	035 59.37	240 48.82	N11 46.90	273 47.40	N21 17.34	278 16.96	N21 18.45	313 49.16	N21 58.69	283 34.60	N21 50.48	243 39.84	08.14	N16 37.55	11.73	59.50
08	051 01.83	255 48.65	N11 45.78	288 48.17	N21 17.00	293 18.84	N21 18.35	328 51.31	N21 58.71	298 34.53	N21 50.12	258 06.98	08.20	N16 25.82	11.83	59.50
09	066 04.30	270 48.49	N11 44.65	303 48.95	N21 16.66	308 20.71	N21 18.25	343 53.45	N21 58.73	313 34.45	N21 49.76	272 34.18	08.27	N16 13.99	11.93	59.51
10	081 06.76	285 48.32	N11 43.53	318 49.73	N21 16.33	323 22.59	N21 18.15	358 55.59	N21 58.74	328 34.38	N21 49.39	287 01.45	08.33	N16 02.07	12.02	59.52
11	096 09.23	300 48.15	N11 42.41	333 50.51	N21 15.99	338 24.46	N21 18.05	013 57.73	N21 58.76	343 34.30	N21 49.03	301 28.78	08.40	N15 50.04	12.12	59.52
12	111 11.69	315 47.99	N11 41.28	348 51.28	N21 15.65	353 26.34	N21 17.95	028 59.87	N21 58.78	358 34.23	N21 48.67	315 56.18	08.46	N15 37.92	12.21	59.53
13	126 14.15	330 47.82	N11 40.16	003 52.06	N21 15.32	008 28.21	N21 17.85	044 02.01	N21 58.79	013 34.15	N21 48.30	330 23.64	08.52	N15 25.71	12.31	59.54
14	141 16.62	345 47.66	N11 39.04	018 52.84	N21 14.98	023 30.09	N21 17.75	059 04.15	N21 58.81	028 34.08	N21 47.94	344 51.17	08.59	N15 13.40	12.40	59.54
15	156 19.08	000 47.50	N11 37.91	033 53.62	N21 14.64	038 31.96	N21 17.65	074 06.29	N21 58.83	043 34.01	N21 47.57	359 18.76	08.65	N15 01.00	12.49	59.55
16	171 21.55	015 47.33	N11 36.79	048 54.40	N21 14.30	053 33.84	N21 17.55	089 08.44	N21 58.84	058 33.93	N21 47.20	013 46.41	08.72	N14 48.51	12.58	59.55
17	186 24.01	030 47.17	N11 35.66	063 55.18	N21 13.96	068 35.71	N21 17.45	104 10.58	N21 58.86	073 33.86	N21 46.83	028 14.12	08.78	N14 35.93	12.66	59.56
18	201 26.47	045 47.01	N11 34.53	078 55.96	N21 13.62	083 37.59	N21 17.35	119 12.72	N21 58.88	088 33.78	N21 46.47	042 41.90	08.84	N14 23.27	12.75	59.56
19	216 28.94	060 46.85	N11 33.41	093 56.74	N21 13.28	098 39.46	N21 17.25	134 14.86	N21 58.89	103 33.71	N21 46.10	057 09.74	08.90	N14 10.52	12.83	59.57
20	231 31.40	075 46.69	N11 32.28	108 57.52	N21 12.94	113 41.34	N21 17.15	149 17.00	N21 58.91	118 33.64	N21 45.73	071 37.65	08.96	N13 57.69	12.92	59.57
21	246 33.87	090 46.53	N11 31.15	123 58.30	N21 12.60	128 43.21	N21 17.05	164 19.14	N21 58.93	133 33.56	N21 45.36	086 05.61	09.03	N13 44.77	13.00	59.58
22	261 36.33	105 46.37	N11 30.02	138 59.08	N21 12.26	143 45.09	N21 16.95	179 21.29	N21 58.94	148 33.49	N21 44.98	100 33.64	09.09	N13 31.77	13.08	59.58
23	276 38.79	120 46.21	N11 28.90	153 59.86	N21 11.92	158 46.96	N21 16.85	194 23.43	N21 58.96	163 33.42	N21 44.61	115 01.72	09.15	N13 18.69	13.15	59.58
		v -0.17	d 1.12	v 0.78	d 0.33	v 1.87	d 0.10	v 2.14	d 0.02	v -0.08	d 0.36	SD	16.16	16.22		
		HP 0.15		HP 0.06						SD 15.73	HP 0.14					

Sunday July 14, 2002 through Monday July 15, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
14 00	291 41.26	135 46.05	N11 27.77	169 00.64	N21 11.58	173 48.84	N21 16.75	209 25.57	N21 58.98	178 33.35	N21 44.24	129 29.87	09.21	N13 05.54	13.23	59.59
01	306 43.72	150 45.90	N11 26.64	184 01.42	N21 11.24	188 50.71	N21 16.65	224 27.71	N21 58.99	193 33.28	N21 43.87	143 58.08	09.27	N12 52.31	13.31	59.59
02	321 46.19	165 45.74	N11 25.51	199 02.20	N21 10.90	203 52.59	N21 16.55	239 29.85	N21 59.01	208 33.20	N21 43.49	158 26.34	09.33	N12 39.00	13.38	59.59
03	336 48.65	180 45.58	N11 24.38	214 02.98	N21 10.56	218 54.46	N21 16.45	254 32.00	N21 59.03	223 33.13	N21 43.12	172 54.67	09.38	N12 25.63	13.45	59.60
04	351 51.12	195 45.43	N11 23.25	229 03.76	N21 10.22	233 56.34	N21 16.35	269 34.14	N21 59.04	238 33.06	N21 42.74	187 23.05	09.44	N12 12.18	13.52	59.60
05	006 53.58	210 45.27	N11 22.12	244 04.54	N21 09.88	248 58.21	N21 16.25	284 36.28	N21 59.06	253 32.99	N21 42.37	201 51.49	09.50	N11 58.66	13.59	59.60
06	021 56.04	225 45.12	N11 20.99	259 05.32	N21 09.53	264 00.09	N21 16.15	299 38.42	N21 59.08	268 32.92	N21 41.99	216 19.99	09.55	N11 45.07	13.65	59.60
07	036 58.51	240 44.97	N11 19.85	274 06.10	N21 09.19	279 01.96	N21 16.05	314 40.57	N21 59.09	283 32.85	N21 41.62	230 48.55	09.61	N11 31.41	13.72	59.60
08	052 00.97	255 44.81	N11 18.72	289 06.88	N21 08.85	294 03.84	N21 15.95	329 42.71	N21 59.11	298 32.78	N21 41.24	245 17.16	09.66	N11 17.69	13.78	59.60
09	067 03.44	270 44.66	N11 17.59	304 07.66	N21 08.51	309 05.71	N21 15.85	344 44.85	N21 59.13	313 32.71	N21 40.86	259 45.82	09.72	N11 03.91	13.85	59.61
10	082 05.90	285 44.51	N11 16.46	319 08.44	N21 08.16	324 07.59	N21 15.75	359 46.99	N21 59.14	328 32.64	N21 40.48	274 14.54	09.77	N10 50.06	13.91	59.61
11	097 08.36	300 44.36	N11 15.32	334 09.23	N21 07.82	339 09.46	N21 15.65	014 49.14	N21 59.16	343 32.57	N21 40.10	288 43.31	09.83	N10 36.16	13.97	59.61
12	112 10.83	315 44.21	N11 14.19	349 10.01	N21 07.48	354 11.34	N21 15.55	029 51.28	N21 59.18	358 32.50	N21 39.72	303 12.14	09.88	N10 22.19	14.02	59.61
13	127 13.29	330 44.06	N11 13.06	004 10.79	N21 07.13	009 13.21	N21 15.45	044 53.42	N21 59.19	013 32.43	N21 39.34	317 41.02	09.93	N10 08.17	14.08	59.61
14	142 15.76	345 43.91	N11 11.92	019 11.57	N21 06.79	024 15.09	N21 15.35	059 55.56	N21 59.21	028 32.36	N21 38.96	332 09.94	09.98	N09 54.09	14.13	59.61
15	157 18.22	000 43.76	N11 10.79	034 12.35	N21 06.44	039 16.96	N21 15.25	074 57.71	N21 59.23	043 32.29	N21 38.58	346 38.92	10.03	N09 39.96	14.19	59.61
16	172 20.68	015 43.61	N11 09.65	049 13.14	N21 06.10	054 18.84	N21 15.15	089 59.85	N21 59.24	058 32.22	N21 38.20	001 07.95	10.08	N09 25.77	14.24	59.61
17	187 23.15	030 43.47	N11 08.52	064 13.92	N21 05.75	069 20.71	N21 15.05	105 01.99	N21 59.26	073 32.15	N21 37.81	015 37.03	10.13	N09 11.53	14.29	59.61
18	202 25.61	045 43.32	N11 07.38	079 14.70	N21 05.41	084 22.59	N21 14.94	120 04.14	N21 59.27	088 32.08	N21 37.43	030 06.16	10.17	N08 57.24	14.34	59.60
19	217 28.08	060 43.17	N11 06.24	094 15.49	N21 05.06	099 24.46	N21 14.84	135 06.28	N21 59.29	103 32.02	N21 37.04	044 35.33	10.22	N08 42.91	14.38	59.60
20	232 30.54	075 43.03	N11 05.11	109 16.27	N21 04.72	114 26.34	N21 14.74	150 08.42	N21 59.31	118 31.95	N21 36.66	059 04.55	10.26	N08 28.52	14.43	59.60
21	247 33.00	090 42.88	N11 03.97	124 17.05	N21 04.37	129 28.21	N21 14.64	165 10.57	N21 59.32	133 31.88	N21 36.27	073 33.81	10.31	N08 14.10	14.47	59.60
22	262 35.47	105 42.74	N11 02.83	139 17.84	N21 04.02	144 30.09	N21 14.54	180 12.71	N21 59.34	148 31.81	N21 35.89	088 03.12	10.35	N07 59.62	14.51	59.60
23	277 37.93	120 42.60	N11 01.69	154 18.62	N21 03.68	159 31.97	N21 14.44	195 14.85	N21 59.36	163 31.75	N21 35.50	102 32.47	10.39	N07 45.11	14.56	59.60
15 00	292 40.40	135 42.45	N11 00.55	169 19.40	N21 03.33	174 33.84	N21 14.34	210 17.00	N21 59.37	178 31.68	N21 35.11	117 01.87	10.44	N07 30.55	14.59	59.59
01	307 42.86	150 42.31	N10 59.41	184 20.19	N21 02.98	189 35.72	N21 14.24	225 19.14	N21 59.39	193 31.61	N21 34.72	131 31.30	10.48	N07 15.96	14.63	59.59
02	322 45.32	165 42.17	N10 58.27	199 20.97	N21 02.64	204 37.59	N21 14.14	240 21.29	N21 59.40	208 31.55	N21 34.33	146 00.78	10.52	N07 01.33	14.67	59.59
03	337 47.79	180 42.03	N10 57.13	214 21.76	N21 02.29	219 39.47	N21 14.04	255 23.43	N21 59.42	223 31.48	N21 33.94	160 30.30	10.56	N06 46.66	14.70	59.58
04	352 50.25	195 41.89	N10 55.99	229 22.54	N21 01.94	234 41.34	N21 13.94	270 25.57	N21 59.44	238 31.41	N21 33.55	174 59.85	10.59	N06 31.96	14.74	59.58
05	007 52.72	210 41.75	N10 54.85	244 23.32	N21 01.59	249 43.22	N21 13.83	285 27.72	N21 59.45	253 31.35	N21 33.16	189 29.45	10.63	N06 17.22	14.77	59.58
06	022 55.18	225 41.61	N10 53.71	259 24.11	N21 01.24	264 45.09	N21 13.73	300 29.86	N21 59.47	268 31.28	N21 32.77	203 59.08	10.67	N06 02.45	14.80	59.57
07	037 57.65	240 41.47	N10 52.57	274 24.89	N21 00.89	279 46.97	N21 13.63	315 32.01	N21 59.49	283 31.22	N21 32.38	218 28.74	10.70	N05 47.65	14.83	59.57
08	053 00.11	255 41.33	N10 51.43	289 25.68	N21 00.55	294 48.84	N21 13.53	330 34.15	N21 59.50	298 31.15	N21 31.99	232 58.44	10.73	N05 32.83	14.85	59.57
09	068 02.57	270 41.19	N10 50.29	304 26.46	N21 00.20	309 50.72	N21 13.43	345 36.29	N21 59.52	313 31.09	N21 31.59	247 28.18	10.77	N05 17.97	14.88	59.56
10	083 05.04	285 41.06	N10 49.14	319 27.25	N20 59.85	324 52.59	N21 13.33	000 38.44	N21 59.53	328 31.02	N21 31.20	261 57.95	10.80	N05 03.09	14.90	59.56
11	098 07.50	300 40.92	N10 48.00	334 28.04	N20 59.50	339 54.47	N21 13.23	015 40.58	N21 59.55	343 30.96	N21 30.80	276 27.74	10.83	N04 48.19	14.93	59.55
12	113 09.97	315 40.79	N10 46.86	349 28.82	N20 59.15	354 56.34	N21 13.13	030 42.73	N21 59.57	358 30.89	N21 30.41	290 57.57	10.86	N04 33.26	14.95	59.55
13	128 12.43	330 40.65	N10 45.71	004 29.61	N20 58.80	009 58.22	N21 13.02	045 44.87	N21 59.58	013 30.83	N21 30.01	305 27.43	10.89	N04 18.31	14.97	59.54
14	143 14.89	345 40.52	N10 44.57	019 30.39	N20 58.45	025 00.09	N21 12.92	060 47.02	N21 59.60	028 30.77	N21 29.62	319 57.32	10.92	N04 03.35	14.99	59.54
15	158 17.36	000 40.38	N10 43.43	034 31.18	N20 58.09	040 01.97	N21 12.82	075 49.16	N21 59.61	043 30.70	N21 29.22	334 27.24	10.94	N03 48.36	15.00	59.53
16	173 19.82	015 40.25	N10 42.28	049 31.97	N20 57.74	055 03.84	N21 12.72	090 51.31	N21 59.63	058 30.64	N21 28.82	348 57.18	10.97	N03 33.36	15.02	59.53
17	188 22.29	030 40.12	N10 41.14	064 32.75	N20 57.39	070 05.72	N21 12.62	105 53.45	N21 59.65	073 30.58	N21 28.42	003 27.15	10.99	N03 18.34	15.03	59.52
18	203 24.75	045 39.99	N10 39.99	079 33.54	N20 57.04	085 07.59	N21 12.52	120 55.59	N21 59.66	088 30.51	N21 28.02	017 57.14	11.02	N03 03.30	15.05	59.51
19	218 27.21	060 39.85	N10 38.84	094 34.33	N20 56.69	100 09.47	N21 12.41	135 57.74	N21 59.68	103 30.45	N21 27.62	032 27.15	11.04	N02 48.26	15.06	59.51
20	233 29.68	075 39.72	N10 37.70	109 35.11	N20 56.34	115 11.35	N21 12.31	150 59.88	N21 59.69	118 30.39	N21 27.22	046 57.19	11.06	N02 33.20	15.07	59.50
21	248 32.14	090 39.59	N10 36.55	124 35.90	N20 55.98	130 13.22	N21 12.21	166 02.03	N21 59.71	133 30.33	N21 26.82	061 27.25	11.08	N02 18.13	15.08	59.49
22	263 34.61	105 39.46	N10 35.40	139 36.69	N20 55.63	145 15.10	N21 12.11	181 04.18	N21 59.72	148 30.26	N21 26.42	075 57.33	11.10	N02 03.06	15.08	59.49
23	278 37.07	120 39.34	N10 34.25	154 37.47	N20 55.28	160 16.97	N21 12.01	196 06.32	N21 59.74	163 30.20	N21 26.02	090 27.43	11.11	N01 47.97	15.09	59.48
		v -0.14	d 1.14	v 0.78	d 0.35	v 1.88	d 0.10	v 2.14	d 0.02	v -0.07	d 0.39	SD	16.24	16.23		
		HP 0.15		HP 0.06						SD 15.73	HP 0.14					

Tuesday July 16, 2002 through Wednesday July 17, 2002

UT	ARIES	VENUS	MARS	JUPITER	SATURN	SUN	MOON				
	GHA	GHA Dec	GHA Dec	GHA Dec	GHA Dec	GHA Dec	GHA	v	Dec	d	HP
d h	° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′	′	° ′	′	′
16 00	293 39.53	135 39.21 N10 33.11	169 38.26 N20 54.93	175 18.85 N21 11.91	211 08.47 N21 59.76	178 30.14 N21 25.61	104 57.54	11.13	N01 32.89	15.09	59.47
01	308 42.00	150 39.08 N10 31.96	184 39.05 N20 54.57	190 20.72 N21 11.80	226 10.61 N21 59.77	193 30.08 N21 25.21	119 27.67	11.15	N01 17.79	15.09	59.47
02	323 44.46	165 38.95 N10 30.81	199 39.84 N20 54.22	205 22.60 N21 11.70	241 12.76 N21 59.79	208 30.02 N21 24.81	133 57.82	11.16	N01 02.70	15.10	59.46
03	338 46.93	180 38.83 N10 29.66	214 40.63 N20 53.86	220 24.47 N21 11.60	256 14.90 N21 59.80	223 29.96 N21 24.40	148 27.98	11.18	N00 47.60	15.10	59.45
04	353 49.39	195 38.70 N10 28.51	229 41.41 N20 53.51	235 26.35 N21 11.50	271 17.05 N21 59.82	238 29.90 N21 24.00	162 58.16	11.19	N00 32.51	15.09	59.44
05	008 51.85	210 38.58 N10 27.36	244 42.20 N20 53.16	250 28.22 N21 11.40	286 19.19 N21 59.83	253 29.84 N21 23.59	177 28.34	11.20	N00 17.41	15.09	59.44
06	023 54.32	225 38.45 N10 26.21	259 42.99 N20 52.80	265 30.10 N21 11.29	301 21.34 N21 59.85	268 29.78 N21 23.18	191 58.54	11.21	N00 02.32	15.09	59.43
07	038 56.78	240 38.33 N10 25.06	274 43.78 N20 52.45	280 31.97 N21 11.19	316 23.48 N21 59.87	283 29.72 N21 22.78	206 28.75	11.22	S00 12.76	15.08	59.42
08	053 59.25	255 38.20 N10 23.91	289 44.57 N20 52.09	295 33.85 N21 11.09	331 25.63 N21 59.88	298 29.66 N21 22.37	220 58.97	11.23	S00 27.85	15.07	59.41
09	069 01.71	270 38.08 N10 22.76	304 45.36 N20 51.74	310 35.73 N21 10.99	346 27.78 N21 59.90	313 29.60 N21 21.96	235 29.19	11.23	S00 42.92	15.07	59.40
10	084 04.17	285 37.96 N10 21.60	319 46.15 N20 51.38	325 37.60 N21 10.89	001 29.92 N21 59.91	328 29.54 N21 21.55	249 59.42	11.24	S00 57.99	15.06	59.39
11	099 06.64	300 37.84 N10 20.45	334 46.94 N20 51.02	340 39.48 N21 10.78	016 32.07 N21 59.93	343 29.48 N21 21.14	264 29.66	11.24	S01 13.04	15.04	59.38
12	114 09.10	315 37.72 N10 19.30	349 47.73 N20 50.67	355 41.35 N21 10.68	031 34.21 N21 59.94	358 29.42 N21 20.73	278 59.90	11.25	S01 28.09	15.03	59.37
13	129 11.57	330 37.60 N10 18.15	004 48.51 N20 50.31	010 43.23 N21 10.58	046 36.36 N21 59.96	013 29.36 N21 20.32	293 30.15	11.25	S01 43.12	15.02	59.37
14	144 14.03	345 37.48 N10 16.99	019 49.30 N20 49.95	025 45.10 N21 10.48	061 38.51 N21 59.98	028 29.31 N21 19.91	308 00.40	11.25	S01 58.14	15.00	59.36
15	159 16.50	000 37.36 N10 15.84	034 50.09 N20 49.60	040 46.98 N21 10.37	076 40.65 N21 59.99	043 29.25 N21 19.49	322 30.65	11.25	S02 13.14	14.99	59.35
16	174 18.96	015 37.24 N10 14.69	049 50.88 N20 49.24	055 48.85 N21 10.27	091 42.80 N22 00.01	058 29.19 N21 19.08	337 00.90	11.25	S02 28.12	14.97	59.34
17	189 21.42	030 37.12 N10 13.53	064 51.67 N20 48.88	070 50.73 N21 10.17	106 44.95 N22 00.02	073 29.13 N21 18.67	351 31.14	11.25	S02 43.09	14.95	59.33
18	204 23.89	045 37.01 N10 12.38	079 52.47 N20 48.53	085 52.61 N21 10.07	121 47.09 N22 00.04	088 29.08 N21 18.25	006 01.39	11.24	S02 58.04	14.93	59.32
19	219 26.35	060 36.89 N10 11.22	094 53.26 N20 48.17	100 54.48 N21 09.96	136 49.24 N22 00.05	103 29.02 N21 17.84	020 31.63	11.24	S03 12.97	14.91	59.31
20	234 28.82	075 36.77 N10 10.07	109 54.05 N20 47.81	115 56.36 N21 09.86	151 51.39 N22 00.07	118 28.96 N21 17.42	035 01.87	11.23	S03 27.87	14.88	59.30
21	249 31.28	090 36.66 N10 08.91	124 54.84 N20 47.45	130 58.23 N21 09.76	166 53.53 N22 00.08	133 28.91 N21 17.00	049 32.10	11.23	S03 42.75	14.86	59.29
22	264 33.74	105 36.54 N10 07.75	139 55.63 N20 47.09	146 00.11 N21 09.66	181 55.68 N22 00.10	148 28.85 N21 16.59	064 02.33	11.22	S03 57.61	14.83	59.28
23	279 36.21	120 36.43 N10 06.60	154 56.42 N20 46.73	161 01.98 N21 09.55	196 57.83 N22 00.11	163 28.79 N21 16.17	078 32.55	11.21	S04 12.44	14.80	59.27
17 00	294 38.67	135 36.32 N10 05.44	169 57.21 N20 46.37	176 03.86 N21 09.45	211 59.97 N22 00.13	178 28.74 N21 15.75	093 02.76	11.20	S04 27.24	14.77	59.25
01	309 41.14	150 36.20 N10 04.28	184 58.00 N20 46.01	191 05.73 N21 09.35	227 02.12 N22 00.15	193 28.68 N21 15.33	107 32.96	11.19	S04 42.02	14.74	59.24
02	324 43.60	165 36.09 N10 03.12	199 58.79 N20 45.65	206 07.61 N21 09.25	242 04.27 N22 00.16	208 28.63 N21 14.91	122 03.15	11.18	S04 56.76	14.71	59.23
03	339 46.06	180 35.98 N10 01.97	214 59.59 N20 45.29	221 09.49 N21 09.14	257 06.42 N22 00.18	223 28.57 N21 14.49	136 33.33	11.17	S05 11.47	14.68	59.22
04	354 48.53	195 35.87 N10 00.81	230 00.38 N20 44.93	236 11.36 N21 09.04	272 08.56 N22 00.19	238 28.52 N21 14.07	151 03.49	11.15	S05 26.15	14.65	59.21
05	009 50.99	210 35.76 N09 59.65	245 01.17 N20 44.57	251 13.24 N21 08.94	287 10.71 N22 00.21	253 28.46 N21 13.65	165 33.65	11.14	S05 40.80	14.61	59.20
06	024 53.46	225 35.65 N09 58.49	260 01.96 N20 44.21	266 15.11 N21 08.84	302 12.86 N22 00.22	268 28.41 N21 13.23	180 03.78	11.12	S05 55.41	14.57	59.19
07	039 55.92	240 35.54 N09 57.33	275 02.76 N20 43.85	281 16.99 N21 08.73	317 15.01 N22 00.24	283 28.35 N21 12.81	194 33.90	11.10	S06 09.98	14.53	59.18
08	054 58.38	255 35.43 N09 56.17	290 03.55 N20 43.49	296 18.86 N21 08.63	332 17.15 N22 00.25	298 28.30 N21 12.38	209 04.01	11.09	S06 24.52	14.49	59.16
09	070 00.85	270 35.32 N09 55.01	305 04.34 N20 43.13	311 20.74 N21 08.53	347 19.30 N22 00.27	313 28.25 N21 11.96	223 34.09	11.07	S06 39.01	14.45	59.15
10	085 03.31	285 35.21 N09 53.85	320 05.13 N20 42.77	326 22.62 N21 08.42	002 21.45 N22 00.28	328 28.19 N21 11.54	238 04.16	11.05	S06 53.46	14.41	59.14
11	100 05.78	300 35.11 N09 52.69	335 05.93 N20 42.40	341 24.49 N21 08.32	017 23.60 N22 00.30	343 28.14 N21 11.11	252 34.21	11.03	S07 07.88	14.37	59.13
12	115 08.24	315 35.00 N09 51.53	350 06.72 N20 42.04	356 26.37 N21 08.22	032 25.74 N22 00.31	358 28.09 N21 10.69	267 04.23	11.00	S07 22.24	14.32	59.11
13	130 10.71	330 34.90 N09 50.37	005 07.51 N20 41.68	011 28.24 N21 08.11	047 27.89 N22 00.33	013 28.03 N21 10.26	281 34.24	10.98	S07 36.57	14.28	59.10
14	145 13.17	345 34.79 N09 49.20	020 08.31 N20 41.32	026 30.12 N21 08.01	062 30.04 N22 00.34	028 27.98 N21 09.83	296 04.22	10.96	S07 50.84	14.23	59.09
15	160 15.63	000 34.69 N09 48.04	035 09.10 N20 40.95	041 31.99 N21 07.91	077 32.19 N22 00.36	043 27.93 N21 09.41	310 34.18	10.93	S08 05.07	14.18	59.08
16	175 18.10	015 34.58 N09 46.88	050 09.90 N20 40.59	056 33.87 N21 07.81	092 34.34 N22 00.37	058 27.88 N21 08.98	325 04.11	10.91	S08 19.26	14.13	59.06
17	190 20.56	030 34.48 N09 45.72	065 10.69 N20 40.23	071 35.75 N21 07.70	107 36.48 N22 00.39	073 27.82 N21 08.55	339 34.02	10.88	S08 33.39	14.08	59.05
18	205 23.03	045 34.38 N09 44.55	080 11.48 N20 39.86	086 37.62 N21 07.60	122 38.63 N22 00.40	088 27.77 N21 08.12	354 03.90	10.85	S08 47.47	14.03	59.04
19	220 25.49	060 34.27 N09 43.39	095 12.28 N20 39.50	101 39.50 N21 07.50	137 40.78 N22 00.42	103 27.72 N21 07.69	008 33.75	10.82	S09 01.49	13.97	59.03
20	235 27.95	075 34.17 N09 42.22	110 13.07 N20 39.13	116 41.37 N21 07.39	152 42.93 N22 00.43	118 27.67 N21 07.26	023 03.58	10.80	S09 15.47	13.92	59.01
21	250 30.42	090 34.07 N09 41.06	125 13.87 N20 38.77	131 43.25 N21 07.29	167 45.08 N22 00.45	133 27.62 N21 06.83	037 33.37	10.77	S09 29.39	13.86	59.00
22	265 32.88	105 33.97 N09 39.90	140 14.66 N20 38.40	146 45.13 N21 07.19	182 47.23 N22 00.46	148 27.57 N21 06.40	052 03.14	10.73	S09 43.25	13.80	58.99
23	280 35.35	120 33.87 N09 38.73	155 15.46 N20 38.04	161 47.00 N21 07.08	197 49.38 N22 00.48	163 27.52 N21 05.96	066 32.87	10.70	S09 57.05	13.74	58.97
		v -0.11 d 1.16	v 0.79 d 0.36	v 1.88 d 0.10	v 2.15 d 0.02	v -0.06 d 0.42	SD	16.18	16.11		
		HP 0.15	HP 0.06			SD 15.74 HP 0.14					

Thursday July 18, 2002 through Friday July 19, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
18 00	295 37.81	135 33.77	N09 37.56	170 16.25	N20 37.67	176 48.88	N21 06.98	212 51.52	N22 00.49	178 27.47	N21 05.53	081 02.58	10.67	S10 10.79	13.68	58.96
01	310 40.27	150 33.68	N09 36.40	185 17.05	N20 37.31	191 50.75	N21 06.88	227 53.67	N22 00.51	193 27.42	N21 05.10	095 32.25	10.64	S10 24.48	13.62	58.94
02	325 42.74	165 33.58	N09 35.23	200 17.84	N20 36.94	206 52.63	N21 06.77	242 55.82	N22 00.52	208 27.37	N21 04.66	110 01.88	10.60	S10 38.10	13.56	58.93
03	340 45.20	180 33.48	N09 34.07	215 18.64	N20 36.58	221 54.50	N21 06.67	257 57.97	N22 00.54	223 27.32	N21 04.23	124 31.48	10.57	S10 51.66	13.50	58.92
04	355 47.67	195 33.38	N09 32.90	230 19.44	N20 36.21	236 56.38	N21 06.56	273 00.12	N22 00.55	238 27.27	N21 03.79	139 01.05	10.53	S11 05.16	13.43	58.90
05	010 50.13	210 33.29	N09 31.73	245 20.23	N20 35.84	251 58.26	N21 06.46	288 02.27	N22 00.57	253 27.22	N21 03.36	153 30.58	10.49	S11 18.59	13.36	58.89
06	025 52.59	225 33.19	N09 30.56	260 21.03	N20 35.48	267 00.13	N21 06.36	303 04.42	N22 00.58	268 27.17	N21 02.92	168 00.08	10.46	S11 31.95	13.30	58.87
07	040 55.06	240 33.10	N09 29.40	275 21.82	N20 35.11	282 02.01	N21 06.25	318 06.57	N22 00.60	283 27.12	N21 02.48	182 29.53	10.42	S11 45.24	13.23	58.86
08	055 57.52	255 33.00	N09 28.23	290 22.62	N20 34.74	297 03.88	N21 06.15	333 08.72	N22 00.61	298 27.08	N21 02.04	196 58.95	10.38	S11 58.47	13.16	58.85
09	070 59.99	270 32.91	N09 27.06	305 23.42	N20 34.37	312 05.76	N21 06.05	348 10.87	N22 00.63	313 27.03	N21 01.60	211 28.33	10.34	S12 11.63	13.08	58.83
10	086 02.45	285 32.82	N09 25.89	320 24.21	N20 34.01	327 07.64	N21 05.94	003 13.02	N22 00.64	328 26.98	N21 01.16	225 57.67	10.30	S12 24.71	13.01	58.82
11	101 04.92	300 32.72	N09 24.72	335 25.01	N20 33.64	342 09.51	N21 05.84	018 15.17	N22 00.66	343 26.93	N21 00.73	240 26.97	10.26	S12 37.72	12.94	58.80
12	116 07.38	315 32.63	N09 23.55	350 25.81	N20 33.27	357 11.39	N21 05.74	033 17.32	N22 00.67	358 26.89	N21 00.28	254 56.23	10.22	S12 50.65	12.86	58.79
13	131 09.84	330 32.54	N09 22.38	005 26.60	N20 32.90	012 13.26	N21 05.63	048 19.47	N22 00.69	013 26.84	N20 59.84	269 25.45	10.18	S13 03.51	12.78	58.77
14	146 12.31	345 32.45	N09 21.21	020 27.40	N20 32.53	027 15.14	N21 05.53	063 21.62	N22 00.70	028 26.79	N20 59.40	283 54.62	10.13	S13 16.30	12.71	58.76
15	161 14.77	000 32.36	N09 20.04	035 28.20	N20 32.16	042 17.02	N21 05.42	078 23.77	N22 00.72	043 26.75	N20 58.96	298 23.76	10.09	S13 29.00	12.63	58.74
16	176 17.24	015 32.27	N09 18.87	050 29.00	N20 31.79	057 18.89	N21 05.32	093 25.92	N22 00.73	058 26.70	N20 58.52	312 52.85	10.05	S13 41.63	12.55	58.73
17	191 19.70	030 32.18	N09 17.70	065 29.80	N20 31.42	072 20.77	N21 05.22	108 28.07	N22 00.74	073 26.65	N20 58.07	327 21.89	10.00	S13 54.17	12.46	58.71
18	206 22.16	045 32.09	N09 16.53	080 30.59	N20 31.05	087 22.65	N21 05.11	123 30.22	N22 00.76	088 26.61	N20 57.63	341 50.89	09.96	S14 06.64	12.38	58.70
19	221 24.63	060 32.01	N09 15.36	095 31.39	N20 30.68	102 24.52	N21 05.01	138 32.37	N22 00.77	103 26.56	N20 57.18	356 19.85	09.91	S14 19.02	12.30	58.68
20	236 27.09	075 31.92	N09 14.18	110 32.19	N20 30.31	117 26.40	N21 04.90	153 34.52	N22 00.79	118 26.52	N20 56.74	010 48.76	09.86	S14 31.31	12.21	58.67
21	251 29.56	090 31.83	N09 13.01	125 32.99	N20 29.94	132 28.27	N21 04.80	168 36.67	N22 00.80	133 26.47	N20 56.29	025 17.62	09.82	S14 43.52	12.12	58.65
22	266 32.02	105 31.75	N09 11.84	140 33.79	N20 29.57	147 30.15	N21 04.69	183 38.82	N22 00.82	148 26.43	N20 55.85	039 46.44	09.77	S14 55.65	12.04	58.64
23	281 34.49	120 31.66	N09 10.67	155 34.59	N20 29.20	162 32.03	N21 04.59	198 40.97	N22 00.83	163 26.38	N20 55.40	054 15.21	09.72	S15 07.68	11.95	58.62
19 00	296 36.95	135 31.58	N09 09.49	170 35.39	N20 28.83	177 33.90	N21 04.49	213 43.12	N22 00.85	178 26.34	N20 54.95	068 43.94	09.68	S15 19.63	11.86	58.60
01	311 39.41	150 31.49	N09 08.32	185 36.18	N20 28.46	192 35.78	N21 04.38	228 45.27	N22 00.86	193 26.30	N20 54.50	083 12.61	09.63	S15 31.48	11.76	58.59
02	326 41.88	165 31.41	N09 07.14	200 36.98	N20 28.08	207 37.66	N21 04.28	243 47.42	N22 00.88	208 26.25	N20 54.05	097 41.24	09.58	S15 43.25	11.67	58.57
03	341 44.34	180 31.33	N09 05.97	215 37.78	N20 27.71	222 39.53	N21 04.17	258 49.57	N22 00.89	223 26.21	N20 53.60	112 09.82	09.53	S15 54.92	11.58	58.56
04	356 46.81	195 31.24	N09 04.80	230 38.58	N20 27.34	237 41.41	N21 04.07	273 51.72	N22 00.91	238 26.16	N20 53.15	126 38.35	09.48	S16 06.50	11.48	58.54
05	011 49.27	210 31.16	N09 03.62	245 39.38	N20 26.97	252 43.28	N21 03.96	288 53.87	N22 00.92	253 26.12	N20 52.70	141 06.83	09.43	S16 17.98	11.39	58.52
06	026 51.73	225 31.08	N09 02.44	260 40.18	N20 26.59	267 45.16	N21 03.86	303 56.02	N22 00.93	268 26.08	N20 52.25	155 35.27	09.38	S16 29.37	11.29	58.51
07	041 54.20	240 31.00	N09 01.27	275 40.98	N20 26.22	282 47.04	N21 03.76	318 58.17	N22 00.95	283 26.04	N20 51.80	170 03.65	09.33	S16 40.65	11.19	58.49
08	056 56.66	255 30.92	N09 00.09	290 41.78	N20 25.85	297 48.91	N21 03.65	334 00.33	N22 00.96	298 25.99	N20 51.35	184 31.98	09.28	S16 51.84	11.09	58.47
09	071 59.13	270 30.84	N08 58.92	305 42.58	N20 25.47	312 50.79	N21 03.55	349 02.48	N22 00.98	313 25.95	N20 50.89	199 00.27	09.23	S17 02.93	10.99	58.46
10	087 01.59	285 30.76	N08 57.74	320 43.38	N20 25.10	327 52.67	N21 03.44	004 04.63	N22 00.99	328 25.91	N20 50.44	213 28.50	09.18	S17 13.92	10.89	58.44
11	102 04.05	300 30.68	N08 56.56	335 44.19	N20 24.73	342 54.54	N21 03.34	019 06.78	N22 01.01	343 25.87	N20 49.98	227 56.68	09.13	S17 24.81	10.78	58.42
12	117 06.52	315 30.61	N08 55.39	350 44.99	N20 24.35	357 56.42	N21 03.23	034 08.93	N22 01.02	358 25.83	N20 49.53	242 24.81	09.08	S17 35.59	10.68	58.41
13	132 08.98	330 30.53	N08 54.21	005 45.79	N20 23.98	012 58.30	N21 03.13	049 11.08	N22 01.03	013 25.79	N20 49.07	256 52.90	09.03	S17 46.27	10.57	58.39
14	147 11.45	345 30.45	N08 53.03	020 46.59	N20 23.60	028 00.17	N21 03.02	064 13.23	N22 01.05	028 25.75	N20 48.62	271 20.93	08.98	S17 56.84	10.47	58.37
15	162 13.91	000 30.38	N08 51.85	035 47.39	N20 23.23	043 02.05	N21 02.92	079 15.39	N22 01.06	043 25.70	N20 48.16	285 48.91	08.93	S18 07.30	10.36	58.36
16	177 16.38	015 30.30	N08 50.67	050 48.19	N20 22.85	058 03.92	N21 02.81	094 17.54	N22 01.08	058 25.66	N20 47.70	300 16.84	08.88	S18 17.66	10.25	58.34
17	192 18.84	030 30.23	N08 49.49	065 48.99	N20 22.48	073 05.80	N21 02.71	109 19.69	N22 01.09	073 25.62	N20 47.24	314 44.72	08.83	S18 27.91	10.14	58.32
18	207 21.30	045 30.15	N08 48.32	080 49.80	N20 22.10	088 07.68	N21 02.61	124 21.84	N22 01.11	088 25.58	N20 46.79	329 12.55	08.78	S18 38.05	10.03	58.31
19	222 23.77	060 30.08	N08 47.14	095 50.60	N20 21.72	103 09.55	N21 02.50	139 23.99	N22 01.12	103 25.54	N20 46.33	343 40.32	08.73	S18 48.08	09.91	58.29
20	237 26.23	075 30.01	N08 45.96	110 51.40	N20 21.35	118 11.43	N21 02.40	154 26.15	N22 01.13	118 25.51	N20 45.87	358 08.05	08.68	S18 57.99	09.80	58.27
21	252 28.70	090 29.94	N08 44.78	125 52.20	N20 20.97	133 13.31	N21 02.29	169 28.30	N22 01.15	133 25.47	N20 45.41	012 35.73	08.63	S19 07.79	09.69	58.25
22	267 31.16	105 29.86	N08 43.60	140 53.00	N20 20.59	148 15.18	N21 02.19	184 30.45	N22 01.16	148 25.43	N20 44.94	027 03.36	08.58	S19 17.48	09.57	58.24
23	282 33.62	120 29.79	N08 42.42	155 53.81	N20 20.22	163 17.06	N21 02.08	199 32.60	N22 01.18	163 25.39	N20 44.48	041 30.94	08.53	S19 27.05	09.45	58.22
		v -0.08	d 1.17	v 0.80	d 0.37	v 1.88	d 0.10	v 2.15	d 0.01	v -0.04	d 0.45	SD	16.02	15.92		
		HP 0.15		HP 0.06						SD 15.74	HP 0.14					

Saturday July 20, 2002 through Sunday July 21, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
20 00	297 36.09	135 29.72	N08 41.23	170 54.61	N20 19.84	178 18.94	N21 01.98	214 34.75	N22 01.19	178 25.35	N20 44.02	055 58.47	08.48	S19 36.51	09.34	58.20
01	312 38.55	150 29.65	N08 40.05	185 55.41	N20 19.46	193 20.81	N21 01.87	229 36.91	N22 01.21	193 25.31	N20 43.56	070 25.94	08.43	S19 45.84	09.22	58.18
02	327 41.02	165 29.58	N08 38.87	200 56.22	N20 19.08	208 22.69	N21 01.77	244 39.06	N22 01.22	208 25.27	N20 43.09	084 53.37	08.38	S19 55.06	09.10	58.17
03	342 43.48	180 29.51	N08 37.69	215 57.02	N20 18.71	223 24.57	N21 01.66	259 41.21	N22 01.23	223 25.24	N20 42.63	099 20.76	08.33	S20 04.16	08.98	58.15
04	357 45.95	195 29.45	N08 36.51	230 57.82	N20 18.33	238 26.44	N21 01.56	274 43.37	N22 01.25	238 25.20	N20 42.16	113 48.09	08.28	S20 13.14	08.86	58.13
05	012 48.41	210 29.38	N08 35.33	245 58.63	N20 17.95	253 28.32	N21 01.45	289 45.52	N22 01.26	253 25.16	N20 41.70	128 15.37	08.24	S20 22.00	08.73	58.11
06	027 50.87	225 29.31	N08 34.14	260 59.43	N20 17.57	268 30.20	N21 01.35	304 47.67	N22 01.28	268 25.13	N20 41.23	142 42.61	08.19	S20 30.73	08.61	58.09
07	042 53.34	240 29.24	N08 32.96	276 00.23	N20 17.19	283 32.07	N21 01.24	319 49.82	N22 01.29	283 25.09	N20 40.77	157 09.80	08.14	S20 39.34	08.49	58.08
08	057 55.80	255 29.18	N08 31.78	291 01.04	N20 16.81	298 33.95	N21 01.13	334 51.98	N22 01.30	298 25.05	N20 40.30	171 36.94	08.10	S20 47.83	08.36	58.06
09	072 58.27	270 29.11	N08 30.59	306 01.84	N20 16.43	313 35.83	N21 01.03	349 54.13	N22 01.32	313 25.02	N20 39.83	186 04.04	08.05	S20 56.19	08.23	58.04
10	088 00.73	285 29.05	N08 29.41	321 02.65	N20 16.05	328 37.70	N21 00.92	004 56.28	N22 01.33	328 24.98	N20 39.36	200 31.09	08.01	S21 04.42	08.11	58.02
11	103 03.20	300 28.98	N08 28.22	336 03.45	N20 15.67	343 39.58	N21 00.82	019 58.44	N22 01.35	343 24.95	N20 38.89	214 58.10	07.96	S21 12.53	07.98	58.00
12	118 05.66	315 28.92	N08 27.04	351 04.26	N20 15.29	358 41.46	N21 00.71	035 00.59	N22 01.36	358 24.91	N20 38.42	229 25.06	07.92	S21 20.51	07.85	57.98
13	133 08.12	330 28.86	N08 25.86	006 05.06	N20 14.91	013 43.33	N21 00.61	050 02.74	N22 01.37	013 24.87	N20 37.95	243 51.98	07.87	S21 28.36	07.72	57.96
14	148 10.59	345 28.80	N08 24.67	021 05.87	N20 14.53	028 45.21	N21 00.50	065 04.90	N22 01.39	028 24.84	N20 37.48	258 18.85	07.83	S21 36.08	07.59	57.95
15	163 13.05	000 28.73	N08 23.48	036 06.67	N20 14.15	043 47.09	N21 00.40	080 07.05	N22 01.40	043 24.81	N20 37.01	272 45.68	07.79	S21 43.67	07.46	57.93
16	178 15.52	015 28.67	N08 22.30	051 07.48	N20 13.77	058 48.96	N21 00.29	095 09.20	N22 01.42	058 24.77	N20 36.54	287 12.47	07.75	S21 51.12	07.32	57.91
17	193 17.98	030 28.61	N08 21.11	066 08.28	N20 13.39	073 50.84	N21 00.19	110 11.36	N22 01.43	073 24.74	N20 36.07	301 39.22	07.71	S21 58.45	07.19	57.89
18	208 20.44	045 28.55	N08 19.93	081 09.09	N20 13.00	088 52.72	N21 00.08	125 13.51	N22 01.44	088 24.70	N20 35.59	316 05.93	07.67	S22 05.64	07.06	57.87
19	223 22.91	060 28.49	N08 18.74	096 09.89	N20 12.62	103 54.60	N20 59.97	140 15.67	N22 01.46	103 24.67	N20 35.12	330 32.60	07.63	S22 12.70	06.92	57.85
20	238 25.37	075 28.43	N08 17.55	111 10.70	N20 12.24	118 56.47	N20 59.87	155 17.82	N22 01.47	118 24.64	N20 34.64	344 59.23	07.59	S22 19.62	06.79	57.83
21	253 27.84	090 28.38	N08 16.37	126 11.51	N20 11.86	133 58.35	N20 59.76	170 19.97	N22 01.48	133 24.60	N20 34.17	359 25.82	07.56	S22 26.41	06.65	57.81
22	268 30.30	105 28.32	N08 15.18	141 12.31	N20 11.47	149 00.23	N20 59.66	185 22.13	N22 01.50	148 24.57	N20 33.69	013 52.38	07.52	S22 33.06	06.51	57.79
23	283 32.77	120 28.26	N08 13.99	156 13.12	N20 11.09	164 02.10	N20 59.55	200 24.28	N22 01.51	163 24.54	N20 33.22	028 18.90	07.48	S22 39.57	06.38	57.78
21 00	298 35.23	135 28.20	N08 12.80	171 13.93	N20 10.71	179 03.98	N20 59.45	215 26.44	N22 01.53	178 24.51	N20 32.74	042 45.38	07.45	S22 45.95	06.24	57.76
01	313 37.69	150 28.15	N08 11.62	186 14.73	N20 10.32	194 05.86	N20 59.34	230 28.59	N22 01.54	193 24.47	N20 32.26	057 11.84	07.42	S22 52.18	06.10	57.74
02	328 40.16	165 28.09	N08 10.43	201 15.54	N20 09.94	209 07.73	N20 59.24	245 30.75	N22 01.55	208 24.44	N20 31.78	071 38.25	07.39	S22 58.28	05.96	57.72
03	343 42.62	180 28.04	N08 09.24	216 16.35	N20 09.56	224 09.61	N20 59.13	260 32.90	N22 01.57	223 24.41	N20 31.31	086 04.64	07.35	S23 04.24	05.82	57.70
04	358 45.09	195 27.98	N08 08.05	231 17.15	N20 09.17	239 11.49	N20 59.02	275 35.06	N22 01.58	238 24.38	N20 30.83	100 30.99	07.32	S23 10.06	05.68	57.68
05	013 47.55	210 27.93	N08 06.86	246 17.96	N20 08.79	254 13.37	N20 58.92	290 37.21	N22 01.59	253 24.35	N20 30.35	114 57.32	07.30	S23 15.73	05.54	57.66
06	028 50.01	225 27.88	N08 05.67	261 18.77	N20 08.40	269 15.24	N20 58.81	305 39.36	N22 01.61	268 24.32	N20 29.87	129 23.61	07.27	S23 21.27	05.39	57.64
07	043 52.48	240 27.82	N08 04.48	276 19.58	N20 08.02	284 17.12	N20 58.71	320 41.52	N22 01.62	283 24.29	N20 29.38	143 49.88	07.24	S23 26.66	05.25	57.62
08	058 54.94	255 27.77	N08 03.29	291 20.38	N20 07.63	299 19.00	N20 58.60	335 43.67	N22 01.64	298 24.26	N20 28.90	158 16.12	07.22	S23 31.91	05.11	57.60
09	073 57.41	270 27.72	N08 02.10	306 21.19	N20 07.25	314 20.87	N20 58.49	350 45.83	N22 01.65	313 24.23	N20 28.42	172 42.34	07.19	S23 37.02	04.96	57.58
10	088 59.87	285 27.67	N08 00.91	321 22.00	N20 06.86	329 22.75	N20 58.39	005 47.98	N22 01.66	328 24.20	N20 27.94	187 08.53	07.17	S23 41.98	04.82	57.56
11	104 02.34	300 27.62	N07 59.72	336 22.81	N20 06.48	344 24.63	N20 58.28	020 50.14	N22 01.68	343 24.17	N20 27.45	201 34.70	07.15	S23 46.80	04.67	57.54
12	119 04.80	315 27.57	N07 58.53	351 23.62	N20 06.09	359 26.51	N20 58.18	035 52.30	N22 01.69	358 24.14	N20 26.97	216 00.85	07.13	S23 51.48	04.53	57.52
13	134 07.26	330 27.52	N07 57.33	006 24.43	N20 05.70	014 28.38	N20 58.07	050 54.45	N22 01.70	013 24.11	N20 26.49	230 26.98	07.11	S23 56.01	04.38	57.50
14	149 09.73	345 27.47	N07 56.14	021 25.24	N20 05.32	029 30.26	N20 57.96	065 56.61	N22 01.72	028 24.08	N20 26.00	244 53.08	07.09	S24 00.39	04.24	57.48
15	164 12.19	000 27.43	N07 54.95	036 26.04	N20 04.93	044 32.14	N20 57.86	080 58.76	N22 01.73	043 24.05	N20 25.52	259 19.18	07.07	S24 04.63	04.09	57.46
16	179 14.66	015 27.38	N07 53.76	051 26.85	N20 04.54	059 34.02	N20 57.75	096 00.92	N22 01.74	058 24.02	N20 25.03	273 45.25	07.06	S24 08.72	03.95	57.44
17	194 17.12	030 27.33	N07 52.57	066 27.66	N20 04.16	074 35.89	N20 57.64	111 03.07	N22 01.76	073 23.99	N20 24.54	288 11.31	07.05	S24 12.67	03.80	57.42
18	209 19.59	045 27.29	N07 51.37	081 28.47	N20 03.77	089 37.77	N20 57.54	126 05.23	N22 01.77	088 23.97	N20 24.05	302 37.35	07.03	S24 16.46	03.65	57.40
19	224 22.05	060 27.24	N07 50.18	096 29.28	N20 03.38	104 39.65	N20 57.43	141 07.38	N22 01.78	103 23.94	N20 23.57	317 03.39	07.02	S24 20.11	03.50	57.38
20	239 24.51	075 27.19	N07 48.99	111 30.09	N20 02.99	119 41.53	N20 57.33	156 09.54	N22 01.80	118 23.91	N20 23.08	331 29.41	07.01	S24 23.62	03.36	57.36
21	254 26.98	090 27.15	N07 47.79	126 30.90	N20 02.60	134 43.40	N20 57.22	171 11.70	N22 01.81	133 23.88	N20 22.59	345 55.42	07.01	S24 26.97	03.21	57.34
22	269 29.44	105 27.11	N07 46.60	141 31.71	N20 02.21	149 45.28	N20 57.11	186 13.85	N22 01.83	148 23.86	N20 22.10	000 21.43	07.00	S24 30.18	03.06	57.32
23	284 31.91	120 27.06	N07 45.40	156 32.52	N20 01.83	164 47.16	N20 57.01	201 16.01	N22 01.84	163 23.83	N20 21.61	014 47.43	06.99	S24 33.24	02.91	57.30
		v -0.06	d 1.19	v 0.81	d 0.38	v 1.88	d 0.11	v 2.15	d 0.01	v -0.03	d 0.48	SD	15.80	15.68		
		HP 0.16		HP 0.06						SD 15.74	HP 0.14					

Monday July 22, 2002 through Tuesday July 23, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
22 00	299 34.37	135 27.02	N07 44.21	171 33.33	N20 01.44	179 49.04	N20 56.90	216 18.17	N22 01.85	178 23.80	N20 21.12	029 13.42	06.99	S24 36.15	02.76	57.28
01	314 36.83	150 26.98	N07 43.01	186 34.14	N20 01.05	194 50.91	N20 56.79	231 20.32	N22 01.87	193 23.78	N20 20.62	043 39.41	06.99	S24 38.91	02.61	57.26
02	329 39.30	165 26.94	N07 41.82	201 34.95	N20 00.66	209 52.79	N20 56.69	246 22.48	N22 01.88	208 23.75	N20 20.13	058 05.40	06.99	S24 41.53	02.46	57.23
03	344 41.76	180 26.90	N07 40.62	216 35.76	N20 00.27	224 54.67	N20 56.58	261 24.63	N22 01.89	223 23.73	N20 19.64	072 31.38	06.99	S24 43.99	02.32	57.21
04	359 44.23	195 26.85	N07 39.43	231 36.58	N19 59.88	239 56.55	N20 56.47	276 26.79	N22 01.91	238 23.70	N20 19.15	086 57.37	06.99	S24 46.31	02.17	57.19
05	014 46.69	210 26.81	N07 38.23	246 37.39	N19 59.49	254 58.42	N20 56.37	291 28.95	N22 01.92	253 23.68	N20 18.65	101 23.36	06.99	S24 48.47	02.02	57.17
06	029 49.16	225 26.78	N07 37.04	261 38.20	N19 59.10	270 00.30	N20 56.26	306 31.10	N22 01.93	268 23.65	N20 18.16	115 49.36	07.00	S24 50.49	01.87	57.15
07	044 51.62	240 26.74	N07 35.84	276 39.01	N19 58.71	285 02.18	N20 56.15	321 33.26	N22 01.95	283 23.63	N20 17.66	130 15.36	07.01	S24 52.36	01.72	57.13
08	059 54.08	255 26.70	N07 34.64	291 39.82	N19 58.32	300 04.06	N20 56.05	336 35.42	N22 01.96	298 23.60	N20 17.17	144 41.36	07.02	S24 54.08	01.57	57.11
09	074 56.55	270 26.66	N07 33.45	306 40.63	N19 57.92	315 05.93	N20 55.94	351 37.58	N22 01.97	313 23.58	N20 16.67	159 07.38	07.03	S24 55.65	01.42	57.09
10	089 59.01	285 26.62	N07 32.25	321 41.45	N19 57.53	330 07.81	N20 55.83	006 39.73	N22 01.99	328 23.55	N20 16.17	173 33.40	07.04	S24 57.07	01.27	57.07
11	105 01.48	300 26.59	N07 31.05	336 42.26	N19 57.14	345 09.69	N20 55.73	021 41.89	N22 02.00	343 23.53	N20 15.67	187 59.44	07.05	S24 58.34	01.12	57.05
12	120 03.94	315 26.55	N07 29.86	351 43.07	N19 56.75	000 11.57	N20 55.62	036 44.05	N22 02.01	358 23.51	N20 15.18	202 25.49	07.06	S24 59.47	00.98	57.02
13	135 06.41	330 26.52	N07 28.66	006 43.88	N19 56.36	015 13.44	N20 55.51	051 46.20	N22 02.02	013 23.48	N20 14.68	216 51.56	07.08	S25 00.44	00.83	57.00
14	150 08.87	345 26.48	N07 27.46	021 44.70	N19 55.96	030 15.32	N20 55.41	066 48.36	N22 02.04	028 23.46	N20 14.18	231 17.64	07.10	S25 01.27	00.68	56.98
15	165 11.33	000 26.45	N07 26.26	036 45.51	N19 55.57	045 17.20	N20 55.30	081 50.52	N22 02.05	043 23.44	N20 13.68	245 43.74	07.12	S25 01.95	00.53	56.96
16	180 13.80	015 26.41	N07 25.06	051 46.32	N19 55.18	060 19.08	N20 55.19	096 52.68	N22 02.06	058 23.42	N20 13.18	260 09.85	07.14	S25 02.48	00.38	56.94
17	195 16.26	030 26.38	N07 23.86	066 47.13	N19 54.79	075 20.96	N20 55.09	111 54.83	N22 02.08	073 23.39	N20 12.68	274 35.99	07.16	S25 02.86	00.23	56.92
18	210 18.73	045 26.35	N07 22.66	081 47.95	N19 54.39	090 22.83	N20 54.98	126 56.99	N22 02.09	088 23.37	N20 12.18	289 02.15	07.19	S25 03.09	00.09	56.90
19	225 21.19	060 26.32	N07 21.47	096 48.76	N19 54.00	105 24.71	N20 54.87	141 59.15	N22 02.10	103 23.35	N20 11.67	303 28.34	07.21	S25 03.18	00.06	56.88
20	240 23.65	075 26.28	N07 20.27	111 49.57	N19 53.60	120 26.59	N20 54.76	157 01.31	N22 02.12	118 23.33	N20 11.17	317 54.55	07.24	S25 03.12	00.21	56.85
21	255 26.12	090 26.25	N07 19.07	126 50.39	N19 53.21	135 28.47	N20 54.66	172 03.47	N22 02.13	133 23.31	N20 10.67	332 20.79	07.27	S25 02.92	00.35	56.83
22	270 28.58	105 26.22	N07 17.87	141 51.20	N19 52.82	150 30.35	N20 54.55	187 05.62	N22 02.14	148 23.29	N20 10.16	346 47.05	07.30	S25 02.56	00.50	56.81
23	285 31.05	120 26.19	N07 16.67	156 52.02	N19 52.42	165 32.22	N20 54.44	202 07.78	N22 02.16	163 23.27	N20 09.66	001 13.35	07.33	S25 02.06	00.64	56.79
23 00	300 33.51	135 26.16	N07 15.46	171 52.83	N19 52.03	180 34.10	N20 54.34	217 09.94	N22 02.17	178 23.25	N20 09.15	015 39.68	07.36	S25 01.42	00.79	56.77
01	315 35.98	150 26.14	N07 14.26	186 53.64	N19 51.63	195 35.98	N20 54.23	232 12.10	N22 02.18	193 23.23	N20 08.65	030 06.04	07.40	S25 00.63	00.93	56.75
02	330 38.44	165 26.11	N07 13.06	201 54.46	N19 51.24	210 37.86	N20 54.12	247 14.26	N22 02.19	208 23.21	N20 08.14	044 32.43	07.43	S24 59.69	01.08	56.72
03	345 40.90	180 26.08	N07 11.86	216 55.27	N19 50.84	225 39.74	N20 54.01	262 16.42	N22 02.21	223 23.19	N20 07.63	058 58.86	07.47	S24 58.62	01.22	56.70
04	000 43.37	195 26.05	N07 10.66	231 56.09	N19 50.44	240 41.61	N20 53.91	277 18.57	N22 02.22	238 23.17	N20 07.13	073 25.33	07.51	S24 57.39	01.37	56.68
05	015 45.83	210 26.03	N07 09.46	246 56.90	N19 50.05	255 43.49	N20 53.80	292 20.73	N22 02.23	253 23.15	N20 06.62	087 51.84	07.55	S24 56.03	01.51	56.66
06	030 48.30	225 26.00	N07 08.26	261 57.72	N19 49.65	270 45.37	N20 53.69	307 22.89	N22 02.25	268 23.13	N20 06.11	102 18.39	07.59	S24 54.52	01.65	56.64
07	045 50.76	240 25.98	N07 07.05	276 58.53	N19 49.26	285 47.25	N20 53.58	322 25.05	N22 02.26	283 23.11	N20 05.60	116 44.98	07.63	S24 52.87	01.79	56.62
08	060 53.22	255 25.95	N07 05.85	291 59.35	N19 48.86	300 49.13	N20 53.48	337 27.21	N22 02.27	298 23.09	N20 05.09	131 11.61	07.68	S24 51.07	01.93	56.59
09	075 55.69	270 25.93	N07 04.65	307 00.17	N19 48.46	315 51.00	N20 53.37	352 29.37	N22 02.29	313 23.08	N20 04.58	145 38.28	07.72	S24 49.14	02.07	56.57
10	090 58.15	285 25.90	N07 03.45	322 00.98	N19 48.07	330 52.88	N20 53.26	007 31.53	N22 02.30	328 23.06	N20 04.07	160 05.01	07.77	S24 47.06	02.21	56.55
11	106 00.62	300 25.88	N07 02.24	337 01.80	N19 47.67	345 54.76	N20 53.15	022 33.69	N22 02.31	343 23.04	N20 03.56	174 31.78	07.82	S24 44.85	02.35	56.53
12	121 03.08	315 25.86	N07 01.04	352 02.61	N19 47.27	000 56.64	N20 53.05	037 35.85	N22 02.32	358 23.02	N20 03.05	188 58.59	07.87	S24 42.50	02.49	56.51
13	136 05.55	330 25.84	N06 59.84	007 03.43	N19 46.87	015 58.52	N20 52.94	052 38.01	N22 02.34	013 23.01	N20 02.53	203 25.46	07.92	S24 40.00	02.63	56.49
14	151 08.01	345 25.81	N06 58.63	022 04.25	N19 46.47	031 00.40	N20 52.83	067 40.16	N22 02.35	028 22.99	N20 02.02	217 52.38	07.97	S24 37.37	02.77	56.46
15	166 10.47	000 25.79	N06 57.43	037 05.06	N19 46.08	046 02.27	N20 52.72	082 42.32	N22 02.36	043 22.97	N20 01.51	232 19.35	08.02	S24 34.60	02.90	56.44
16	181 12.94	015 25.77	N06 56.22	052 05.88	N19 45.68	061 04.15	N20 52.62	097 44.48	N22 02.38	058 22.96	N20 00.99	246 46.37	08.08	S24 31.70	03.04	56.42
17	196 15.40	030 25.75	N06 55.02	067 06.70	N19 45.28	076 06.03	N20 52.51	112 46.64	N22 02.39	073 22.94	N20 00.48	261 13.45	08.13	S24 28.66	03.18	56.40
18	211 17.87	045 25.73	N06 53.81	082 07.51	N19 44.88	091 07.91	N20 52.40	127 48.80	N22 02.40	088 22.93	N19 59.96	275 40.58	08.19	S24 25.48	03.31	56.38
19	226 20.33	060 25.72	N06 52.61	097 08.33	N19 44.48	106 09.79	N20 52.29	142 50.96	N22 02.41	103 22.91	N19 59.44	290 07.77	08.25	S24 22.17	03.44	56.36
20	241 22.80	075 25.70	N06 51.40	112 09.15	N19 44.08	121 11.67	N20 52.19	157 53.12	N22 02.43	118 22.90	N19 58.93	304 35.02	08.31	S24 18.73	03.58	56.33
21	256 25.26	090 25.68	N06 50.20	127 09.96	N19 43.68	136 13.54	N20 52.08	172 55.28	N22 02.44	133 22.88	N19 58.41	319 02.33	08.37	S24 15.15	03.71	56.31
22	271 27.72	105 25.66	N06 48.99	142 10.78	N19 43.28	151 15.42	N20 51.97	187 57.44	N22 02.45	148 22.87	N19 57.89	333 29.69	08.43	S24 11.44	03.84	56.29
23	286 30.19	120 25.65	N06 47.79	157 11.60	N19 42.88	166 17.30	N20 51.86	202 59.60	N22 02.46	163 22.85	N19 57.37	347 57.12	08.49	S24 07.61	03.97	56.27
		v -0.03	d 1.20	v 0.81	d 0.40	v 1.88	d 0.11	v 2.16	d 0.01	v -0.02	d 0.51	SD	15.54	15.40		
		HP 0.16		HP 0.06						SD 15.74	HP 0.14					

Wednesday July 24, 2002 through Thursday July 25, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
24 00	301 32.65	135 25.63	N06 46.58	172 12.42	N19 42.48	181 19.18	N20 51.75	218 01.76	N22 02.48	178 22.84	N19 56.85	002 24.61	08.55	S24 03.64	04.10	56.25
01	316 35.12	150 25.62	N06 45.37	187 13.24	N19 42.08	196 21.06	N20 51.65	233 03.92	N22 02.49	193 22.82	N19 56.33	016 52.17	08.62	S23 59.54	04.23	56.22
02	331 37.58	165 25.60	N06 44.17	202 14.05	N19 41.68	211 22.94	N20 51.54	248 06.08	N22 02.50	208 22.81	N19 55.81	031 19.79	08.68	S23 55.31	04.36	56.20
03	346 40.04	180 25.59	N06 42.96	217 14.87	N19 41.28	226 24.82	N20 51.43	263 08.24	N22 02.51	223 22.80	N19 55.29	045 47.47	08.75	S23 50.95	04.48	56.18
04	001 42.51	195 25.57	N06 41.75	232 15.69	N19 40.88	241 26.69	N20 51.32	278 10.41	N22 02.53	238 22.78	N19 54.77	060 15.22	08.82	S23 46.47	04.61	56.16
05	016 44.97	210 25.56	N06 40.55	247 16.51	N19 40.47	256 28.57	N20 51.21	293 12.57	N22 02.54	253 22.77	N19 54.25	074 43.04	08.89	S23 41.86	04.73	56.14
06	031 47.44	225 25.55	N06 39.34	262 17.33	N19 40.07	271 30.45	N20 51.11	308 14.73	N22 02.55	268 22.76	N19 53.73	089 10.93	08.95	S23 37.13	04.86	56.12
07	046 49.90	240 25.54	N06 38.13	277 18.15	N19 39.67	286 32.33	N20 51.00	323 16.89	N22 02.56	283 22.74	N19 53.20	103 38.88	09.02	S23 32.27	04.98	56.09
08	061 52.37	255 25.52	N06 36.92	292 18.97	N19 39.27	301 34.21	N20 50.89	338 19.05	N22 02.58	298 22.73	N19 52.68	118 06.90	09.09	S23 27.29	05.10	56.07
09	076 54.83	270 25.51	N06 35.71	307 19.79	N19 38.86	316 36.09	N20 50.78	353 21.21	N22 02.59	313 22.72	N19 52.16	132 35.00	09.17	S23 22.19	05.22	56.05
10	091 57.29	285 25.50	N06 34.51	322 20.61	N19 38.46	331 37.97	N20 50.67	008 23.37	N22 02.60	328 22.71	N19 51.63	147 03.16	09.24	S23 16.97	05.34	56.03
11	106 59.76	300 25.49	N06 33.30	337 21.43	N19 38.06	346 39.85	N20 50.57	023 25.53	N22 02.61	343 22.70	N19 51.11	161 31.40	09.31	S23 11.62	05.46	56.01
12	122 02.22	315 25.48	N06 32.09	352 22.25	N19 37.66	001 41.72	N20 50.46	038 27.69	N22 02.63	358 22.69	N19 50.58	175 59.71	09.38	S23 06.16	05.58	55.99
13	137 04.69	330 25.48	N06 30.88	007 23.07	N19 37.25	016 43.60	N20 50.35	053 29.86	N22 02.64	013 22.68	N19 50.05	190 28.09	09.46	S23 00.58	05.70	55.96
14	152 07.15	345 25.47	N06 29.67	022 23.89	N19 36.85	031 45.48	N20 50.24	068 32.02	N22 02.65	028 22.66	N19 49.53	204 56.55	09.53	S22 54.88	05.81	55.94
15	167 09.61	000 25.46	N06 28.46	037 24.71	N19 36.44	046 47.36	N20 50.13	083 34.18	N22 02.66	043 22.65	N19 49.00	219 25.08	09.61	S22 49.07	05.93	55.92
16	182 12.08	015 25.45	N06 27.25	052 25.53	N19 36.04	061 49.24	N20 50.02	098 36.34	N22 02.68	058 22.64	N19 48.47	233 53.69	09.68	S22 43.14	06.04	55.90
17	197 14.54	030 25.45	N06 26.04	067 26.35	N19 35.64	076 51.12	N20 49.92	113 38.50	N22 02.69	073 22.63	N19 47.94	248 22.37	09.76	S22 37.09	06.16	55.88
18	212 17.01	045 25.44	N06 24.83	082 27.17	N19 35.23	091 53.00	N20 49.81	128 40.66	N22 02.70	088 22.63	N19 47.41	262 51.12	09.83	S22 30.93	06.27	55.86
19	227 19.47	060 25.44	N06 23.62	097 27.99	N19 34.83	106 54.88	N20 49.70	143 42.83	N22 02.71	103 22.62	N19 46.88	277 19.96	09.91	S22 24.66	06.38	55.84
20	242 21.94	075 25.43	N06 22.41	112 28.81	N19 34.42	121 56.76	N20 49.59	158 44.99	N22 02.73	118 22.61	N19 46.35	291 48.87	09.99	S22 18.28	06.49	55.82
21	257 24.40	090 25.43	N06 21.20	127 29.63	N19 34.02	136 58.64	N20 49.48	173 47.15	N22 02.74	133 22.60	N19 45.82	306 17.86	10.07	S22 11.79	06.60	55.79
22	272 26.86	105 25.42	N06 19.99	142 30.45	N19 33.61	152 00.51	N20 49.37	188 49.31	N22 02.75	148 22.59	N19 45.29	320 46.93	10.15	S22 05.19	06.71	55.77
23	287 29.33	120 25.42	N06 18.78	157 31.27	N19 33.20	167 02.39	N20 49.27	203 51.47	N22 02.76	163 22.58	N19 44.76	335 16.07	10.22	S21 58.49	06.81	55.75
25 00	302 31.79	135 25.42	N06 17.57	172 32.10	N19 32.80	182 04.27	N20 49.16	218 53.64	N22 02.78	178 22.57	N19 44.22	349 45.30	10.30	S21 51.67	06.92	55.73
01	317 34.26	150 25.42	N06 16.35	187 32.92	N19 32.39	197 06.15	N20 49.05	233 55.80	N22 02.79	193 22.56	N19 43.69	004 14.60	10.38	S21 44.75	07.02	55.71
02	332 36.72	165 25.41	N06 15.14	202 33.74	N19 31.98	212 08.03	N20 48.94	248 57.96	N22 02.80	208 22.56	N19 43.16	018 43.99	10.46	S21 37.73	07.13	55.69
03	347 39.18	180 25.41	N06 13.93	217 34.56	N19 31.58	227 09.91	N20 48.83	264 00.12	N22 02.81	223 22.55	N19 42.62	033 13.45	10.54	S21 30.60	07.23	55.67
04	002 41.65	195 25.41	N06 12.72	232 35.38	N19 31.17	242 11.79	N20 48.72	279 02.29	N22 02.82	238 22.54	N19 42.09	047 42.99	10.62	S21 23.37	07.33	55.65
05	017 44.11	210 25.41	N06 11.51	247 36.21	N19 30.76	257 13.67	N20 48.61	294 04.45	N22 02.84	253 22.54	N19 41.55	062 12.61	10.70	S21 16.04	07.43	55.63
06	032 46.58	225 25.41	N06 10.29	262 37.03	N19 30.36	272 15.55	N20 48.50	309 06.61	N22 02.85	268 22.53	N19 41.01	076 42.32	10.78	S21 08.60	07.53	55.61
07	047 49.04	240 25.41	N06 09.08	277 37.85	N19 29.95	287 17.43	N20 48.40	324 08.78	N22 02.86	283 22.52	N19 40.48	091 12.10	10.86	S21 01.07	07.63	55.58
08	062 51.50	255 25.42	N06 07.87	292 38.68	N19 29.54	302 19.31	N20 48.29	339 10.94	N22 02.87	298 22.52	N19 39.94	105 41.96	10.94	S20 53.44	07.73	55.56
09	077 53.97	270 25.42	N06 06.66	307 39.50	N19 29.13	317 21.19	N20 48.18	354 13.10	N22 02.89	313 22.51	N19 39.40	120 11.91	11.03	S20 45.71	07.82	55.54
10	092 56.43	285 25.42	N06 05.44	322 40.32	N19 28.72	332 23.07	N20 48.07	009 15.26	N22 02.90	328 22.51	N19 38.86	134 41.93	11.11	S20 37.89	07.92	55.52
11	107 58.90	300 25.42	N06 04.23	337 41.15	N19 28.31	347 24.95	N20 47.96	024 17.43	N22 02.91	343 22.50	N19 38.32	149 12.04	11.19	S20 29.97	08.01	55.50
12	123 01.36	315 25.43	N06 03.01	352 41.97	N19 27.91	002 26.82	N20 47.85	039 19.59	N22 02.92	358 22.50	N19 37.79	163 42.23	11.27	S20 21.96	08.10	55.48
13	138 03.83	330 25.43	N06 01.80	007 42.79	N19 27.50	017 28.70	N20 47.74	054 21.75	N22 02.93	013 22.49	N19 37.24	178 12.50	11.35	S20 13.85	08.20	55.46
14	153 06.29	345 25.44	N06 00.59	022 43.62	N19 27.09	032 30.58	N20 47.63	069 23.92	N22 02.95	028 22.49	N19 36.70	192 42.85	11.43	S20 05.66	08.29	55.44
15	168 08.75	000 25.44	N05 59.37	037 44.44	N19 26.68	047 32.46	N20 47.52	084 26.08	N22 02.96	043 22.48	N19 36.16	207 13.28	11.51	S19 57.37	08.38	55.42
16	183 11.22	015 25.45	N05 58.16	052 45.26	N19 26.27	062 34.34	N20 47.42	099 28.25	N22 02.97	058 22.48	N19 35.62	221 43.79	11.59	S19 48.99	08.46	55.40
17	198 13.68	030 25.46	N05 56.94	067 46.09	N19 25.86	077 36.22	N20 47.31	114 30.41	N22 02.98	073 22.47	N19 35.08	236 14.38	11.67	S19 40.53	08.55	55.38
18	213 16.15	045 25.46	N05 55.73	082 46.91	N19 25.45	092 38.10	N20 47.20	129 32.57	N22 02.99	088 22.47	N19 34.54	250 45.05	11.75	S19 31.98	08.64	55.36
19	228 18.61	060 25.47	N05 54.51	097 47.74	N19 25.04	107 39.98	N20 47.09	144 34.74	N22 03.01	103 22.47	N19 33.99	265 15.80	11.83	S19 23.34	08.72	55.34
20	243 21.07	075 25.48	N05 53.30	112 48.56	N19 24.63	122 41.86	N20 46.98	159 36.90	N22 03.02	118 22.47	N19 33.45	279 46.64	11.91	S19 14.62	08.81	55.32
21	258 23.54	090 25.49	N05 52.08	127 49.39	N19 24.22	137 43.74	N20 46.87	174 39.07	N22 03.03	133 22.46	N19 32.90	294 17.55	11.99	S19 05.81	08.89	55.30
22	273 26.00	105 25.50	N05 50.87	142 50.21	N19 23.80	152 45.62	N20 46.76	189 41.23	N22 03.04	148 22.46	N19 32.36	308 48.54	12.07	S18 56.92	08.97	55.28
23	288 28.47	120 25.51	N05 49.65	157 51.04	N19 23.39	167 47.50	N20 46.65	204 43.39	N22 03.05	163 22.46	N19 31.81	323 19.62	12.15	S18 47.95	09.05	55.26
		v 0.00	d 1.21	v 0.82	d 0.41	v 1.88	d 0.11	v 2.16	d 0.01	v -0.01	d 0.53	SD	15.26	15.12		
		HP 0.16		HP 0.06						SD 15.75	HP 0.14					

Friday July 26, 2002 through Saturday July 27, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
26 00	303 30.93	135 25.52	N05 48.43	172 51.86	N19 22.98	182 49.38	N20 46.54	219 45.56	N22 03.07	178 22.46	N19 31.27	337 50.77	12.23	S18 38.89	09.13	55.25
01	318 33.40	150 25.53	N05 47.22	187 52.69	N19 22.57	197 51.26	N20 46.43	234 47.72	N22 03.08	193 22.45	N19 30.72	352 22.00	12.31	S18 29.76	09.21	55.23
02	333 35.86	165 25.54	N05 46.00	202 53.52	N19 22.16	212 53.14	N20 46.32	249 49.89	N22 03.09	208 22.45	N19 30.17	006 53.31	12.39	S18 20.55	09.29	55.21
03	348 38.32	180 25.55	N05 44.78	217 54.34	N19 21.75	227 55.02	N20 46.21	264 52.05	N22 03.10	223 22.45	N19 29.62	021 24.70	12.47	S18 11.26	09.37	55.19
04	003 40.79	195 25.56	N05 43.57	232 55.17	N19 21.33	242 56.90	N20 46.10	279 54.22	N22 03.11	238 22.45	N19 29.07	035 56.17	12.55	S18 01.89	09.44	55.17
05	018 43.25	210 25.58	N05 42.35	247 55.99	N19 20.92	257 58.78	N20 46.00	294 56.38	N22 03.12	253 22.45	N19 28.53	050 27.72	12.62	S17 52.45	09.52	55.15
06	033 45.72	225 25.59	N05 41.13	262 56.82	N19 20.51	273 00.66	N20 45.89	309 58.55	N22 03.14	268 22.45	N19 27.98	064 59.34	12.70	S17 42.94	09.59	55.13
07	048 48.18	240 25.60	N05 39.92	277 57.65	N19 20.09	288 02.54	N20 45.78	325 00.71	N22 03.15	283 22.45	N19 27.43	079 31.04	12.78	S17 33.35	09.66	55.11
08	063 50.64	255 25.62	N05 38.70	292 58.47	N19 19.68	303 04.42	N20 45.67	340 02.88	N22 03.16	298 22.45	N19 26.87	094 02.82	12.85	S17 23.69	09.73	55.10
09	078 53.11	270 25.63	N05 37.48	307 59.30	N19 19.27	318 06.30	N20 45.56	355 05.04	N22 03.17	313 22.45	N19 26.32	108 34.67	12.93	S17 13.96	09.80	55.08
10	093 55.57	285 25.65	N05 36.26	323 00.13	N19 18.85	333 08.18	N20 45.45	010 07.21	N22 03.18	328 22.45	N19 25.77	123 06.60	13.01	S17 04.16	09.87	55.06
11	108 58.04	300 25.67	N05 35.05	338 00.95	N19 18.44	348 10.06	N20 45.34	025 09.37	N22 03.20	343 22.45	N19 25.22	137 38.61	13.08	S16 54.28	09.94	55.04
12	124 00.50	315 25.68	N05 33.83	353 01.78	N19 18.02	003 11.94	N20 45.23	040 11.54	N22 03.21	358 22.45	N19 24.67	152 10.69	13.16	S16 44.35	10.01	55.02
13	139 02.96	330 25.70	N05 32.61	008 02.61	N19 17.61	018 13.82	N20 45.12	055 13.71	N22 03.22	013 22.45	N19 24.11	166 42.85	13.23	S16 34.34	10.07	55.01
14	154 05.43	345 25.72	N05 31.39	023 03.44	N19 17.19	033 15.70	N20 45.01	070 15.87	N22 03.23	028 22.46	N19 23.56	181 15.07	13.30	S16 24.27	10.14	54.99
15	169 07.89	000 25.74	N05 30.17	038 04.26	N19 16.78	048 17.58	N20 44.90	085 18.04	N22 03.24	043 22.46	N19 23.00	195 47.38	13.38	S16 14.13	10.20	54.97
16	184 10.36	015 25.76	N05 28.95	053 05.09	N19 16.36	063 19.46	N20 44.79	100 20.20	N22 03.25	058 22.46	N19 22.45	210 19.75	13.45	S16 03.93	10.26	54.95
17	199 12.82	030 25.77	N05 27.73	068 05.92	N19 15.95	078 21.34	N20 44.68	115 22.37	N22 03.27	073 22.46	N19 21.89	224 52.20	13.52	S15 53.66	10.33	54.94
18	214 15.28	045 25.79	N05 26.51	083 06.75	N19 15.53	093 23.22	N20 44.57	130 24.54	N22 03.28	088 22.46	N19 21.33	239 24.73	13.59	S15 43.34	10.39	54.92
19	229 17.75	060 25.82	N05 25.29	098 07.58	N19 15.12	108 25.10	N20 44.46	145 26.70	N22 03.29	103 22.47	N19 20.78	253 57.32	13.66	S15 32.95	10.45	54.90
20	244 20.21	075 25.84	N05 24.07	113 08.40	N19 14.70	123 26.98	N20 44.35	160 28.87	N22 03.30	118 22.47	N19 20.22	268 29.98	13.73	S15 22.50	10.51	54.88
21	259 22.68	090 25.86	N05 22.85	128 09.23	N19 14.28	138 28.86	N20 44.24	175 31.03	N22 03.31	133 22.47	N19 19.66	283 02.72	13.80	S15 12.00	10.56	54.87
22	274 25.14	105 25.88	N05 21.63	143 10.06	N19 13.87	153 30.74	N20 44.13	190 33.20	N22 03.32	148 22.48	N19 19.10	297 35.52	13.87	S15 01.43	10.62	54.85
23	289 27.61	120 25.90	N05 20.41	158 10.89	N19 13.45	168 32.62	N20 44.02	205 35.37	N22 03.33	163 22.48	N19 18.54	312 08.39	13.94	S14 50.81	10.68	54.84
27 00	304 30.07	135 25.93	N05 19.19	173 11.72	N19 13.03	183 34.50	N20 43.91	220 37.53	N22 03.35	178 22.49	N19 17.98	326 41.33	14.01	S14 40.13	10.73	54.82
01	319 32.53	150 25.95	N05 17.97	188 12.55	N19 12.62	198 36.38	N20 43.80	235 39.70	N22 03.36	193 22.49	N19 17.42	341 14.34	14.08	S14 29.40	10.79	54.80
02	334 35.00	165 25.97	N05 16.75	203 13.38	N19 12.20	213 38.27	N20 43.69	250 41.87	N22 03.37	208 22.50	N19 16.86	355 47.42	14.14	S14 18.61	10.84	54.79
03	349 37.46	180 26.00	N05 15.53	218 14.21	N19 11.78	228 40.15	N20 43.58	265 44.03	N22 03.38	223 22.50	N19 16.30	010 20.56	14.21	S14 07.77	10.89	54.77
04	004 39.93	195 26.02	N05 14.31	233 15.04	N19 11.36	243 42.03	N20 43.47	280 46.20	N22 03.39	238 22.51	N19 15.74	024 53.77	14.27	S13 56.88	10.94	54.76
05	019 42.39	210 26.05	N05 13.09	248 15.87	N19 10.94	258 43.91	N20 43.36	295 48.37	N22 03.40	253 22.51	N19 15.18	039 27.04	14.34	S13 45.94	10.99	54.74
06	034 44.85	225 26.08	N05 11.87	263 16.70	N19 10.53	273 45.79	N20 43.25	310 50.54	N22 03.41	268 22.52	N19 14.61	054 00.37	14.40	S13 34.94	11.04	54.73
07	049 47.32	240 26.10	N05 10.65	278 17.53	N19 10.11	288 47.67	N20 43.14	325 52.70	N22 03.43	283 22.52	N19 14.05	068 33.78	14.46	S13 23.90	11.09	54.71
08	064 49.78	255 26.13	N05 09.43	293 18.36	N19 09.69	303 49.55	N20 43.03	340 54.87	N22 03.44	298 22.53	N19 13.49	083 07.24	14.53	S13 12.81	11.14	54.70
09	079 52.25	270 26.16	N05 08.20	308 19.19	N19 09.27	318 51.43	N20 42.92	355 57.04	N22 03.45	313 22.54	N19 12.92	097 40.76	14.59	S13 01.67	11.19	54.68
10	094 54.71	285 26.19	N05 06.98	323 20.02	N19 08.85	333 53.31	N20 42.81	010 59.21	N22 03.46	328 22.54	N19 12.36	112 14.35	14.65	S12 50.48	11.23	54.67
11	109 57.17	300 26.21	N05 05.76	338 20.85	N19 08.43	348 55.19	N20 42.70	026 01.37	N22 03.47	343 22.55	N19 11.79	126 48.00	14.71	S12 39.25	11.28	54.65
12	124 59.64	315 26.24	N05 04.54	353 21.68	N19 08.01	003 57.07	N20 42.59	041 03.54	N22 03.48	358 22.56	N19 11.22	141 21.71	14.77	S12 27.97	11.32	54.64
13	140 02.10	330 26.27	N05 03.31	008 22.51	N19 07.59	018 58.95	N20 42.48	056 05.71	N22 03.49	013 22.56	N19 10.66	155 55.47	14.82	S12 16.65	11.36	54.62
14	155 04.57	345 26.30	N05 02.09	023 23.34	N19 07.17	034 00.83	N20 42.37	071 07.88	N22 03.51	028 22.57	N19 10.09	170 29.30	14.88	S12 05.28	11.41	54.61
15	170 07.03	000 26.34	N05 00.87	038 24.18	N19 06.75	049 02.72	N20 42.26	086 10.04	N22 03.52	043 22.58	N19 09.52	185 03.18	14.94	S11 53.88	11.45	54.60
16	185 09.49	015 26.37	N04 59.65	053 25.01	N19 06.33	064 04.60	N20 42.15	101 12.21	N22 03.53	058 22.59	N19 08.95	199 37.12	14.99	S11 42.43	11.49	54.58
17	200 11.96	030 26.40	N04 58.42	068 25.84	N19 05.91	079 06.48	N20 42.04	116 14.38	N22 03.54	073 22.60	N19 08.38	214 11.11	15.05	S11 30.94	11.53	54.57
18	215 14.42	045 26.43	N04 57.20	083 26.67	N19 05.49	094 08.36	N20 41.93	131 16.55	N22 03.55	088 22.61	N19 07.81	228 45.16	15.10	S11 19.41	11.57	54.56
19	230 16.89	060 26.46	N04 55.98	098 27.50	N19 05.06	109 10.24	N20 41.82	146 18.72	N22 03.56	103 22.61	N19 07.24	243 19.27	15.16	S11 07.84	11.61	54.54
20	245 19.35	075 26.50	N04 54.75	113 28.33	N19 04.64	124 12.12	N20 41.71	161 20.89	N22 03.57	118 22.62	N19 06.67	257 53.43	15.21	S10 56.24	11.64	54.53
21	260 21.82	090 26.53	N04 53.53	128 29.17	N19 04.22	139 14.00	N20 41.60	176 23.05	N22 03.58	133 22.63	N19 06.10	272 27.64	15.26	S10 44.59	11.68	54.52
22	275 24.28	105 26.57	N04 52.30	143 30.00	N19 03.80	154 15.88	N20 41.49	191 25.22	N22 03.60	148 22.64	N19 05.53	287 01.90	15.31	S10 32.91	11.71	54.50
23	290 26.74	120 26.60	N04 51.08	158 30.83	N19 03.38	169 17.76	N20 41.38	206 27.39	N22 03.61	163 22.65	N19 04.96	301 36.21	15.36	S10 21.20	11.75	54.49
		v 0.02	d 1.22	v 0.83	d 0.42	v 1.88	d 0.11	v 2.17	d 0.01	v 0.00	d 0.56	SD	15.00	14.89		
		HP 0.16		HP 0.06						SD 15.75	HP 0.14					

Sunday July 28, 2002 through Monday July 29, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
28 00	305 29.21	135 26.64	N04 49.86	173 31.67	N19 02.95	184 19.65	N20 41.26	221 29.56	N22 03.62	178 22.66	N19 04.38	316 10.57	15.41	S10 09.45	11.78	54.48
01	320 31.67	150 26.67	N04 48.63	188 32.50	N19 02.53	199 21.53	N20 41.15	236 31.73	N22 03.63	193 22.67	N19 03.81	330 44.99	15.46	S09 57.67	11.82	54.47
02	335 34.14	165 26.71	N04 47.41	203 33.33	N19 02.11	214 23.41	N20 41.04	251 33.90	N22 03.64	208 22.69	N19 03.24	345 19.45	15.51	S09 45.85	11.85	54.46
03	350 36.60	180 26.75	N04 46.18	218 34.16	N19 01.68	229 25.29	N20 40.93	266 36.07	N22 03.65	223 22.70	N19 02.66	359 53.95	15.55	S09 34.00	11.88	54.45
04	005 39.06	195 26.79	N04 44.96	233 35.00	N19 01.26	244 27.17	N20 40.82	281 38.24	N22 03.66	238 22.71	N19 02.09	014 28.51	15.60	S09 22.12	11.91	54.43
05	020 41.53	210 26.82	N04 43.73	248 35.83	N19 00.84	259 29.05	N20 40.71	296 40.41	N22 03.67	253 22.72	N19 01.51	029 03.11	15.65	S09 10.21	11.94	54.42
06	035 43.99	225 26.86	N04 42.51	263 36.67	N19 00.41	274 30.93	N20 40.60	311 42.58	N22 03.68	268 22.73	N19 00.94	043 37.75	15.69	S08 58.27	11.97	54.41
07	050 46.46	240 26.90	N04 41.28	278 37.50	N18 59.99	289 32.81	N20 40.49	326 44.75	N22 03.70	283 22.74	N19 00.36	058 12.44	15.73	S08 46.30	12.00	54.40
08	065 48.92	255 26.94	N04 40.06	293 38.33	N18 59.56	304 34.70	N20 40.38	341 46.92	N22 03.71	298 22.76	N18 59.78	072 47.18	15.77	S08 34.30	12.03	54.39
09	080 51.38	270 26.98	N04 38.83	308 39.17	N18 59.14	319 36.58	N20 40.27	356 49.08	N22 03.72	313 22.77	N18 59.20	087 21.95	15.82	S08 22.28	12.05	54.38
10	095 53.85	285 27.02	N04 37.61	323 40.00	N18 58.72	334 38.46	N20 40.16	011 51.25	N22 03.73	328 22.78	N18 58.62	101 56.76	15.86	S08 10.22	12.08	54.37
11	110 56.31	300 27.07	N04 36.38	338 40.84	N18 58.29	349 40.34	N20 40.05	026 53.42	N22 03.74	343 22.79	N18 58.05	116 31.62	15.90	S07 58.14	12.10	54.36
12	125 58.78	315 27.11	N04 35.15	353 41.67	N18 57.86	004 42.22	N20 39.93	041 55.59	N22 03.75	358 22.81	N18 57.47	131 06.52	15.93	S07 46.04	12.13	54.35
13	141 01.24	330 27.15	N04 33.93	008 42.51	N18 57.44	019 44.10	N20 39.82	056 57.76	N22 03.76	013 22.82	N18 56.89	145 41.45	15.97	S07 33.91	12.15	54.34
14	156 03.70	345 27.19	N04 32.70	023 43.34	N18 57.01	034 45.99	N20 39.71	071 59.93	N22 03.77	028 22.84	N18 56.31	160 16.42	16.01	S07 21.76	12.18	54.34
15	171 06.17	000 27.24	N04 31.48	038 44.18	N18 56.59	049 47.87	N20 39.60	087 02.11	N22 03.78	043 22.85	N18 55.72	174 51.43	16.04	S07 09.58	12.20	54.33
16	186 08.63	015 27.28	N04 30.25	053 45.01	N18 56.16	064 49.75	N20 39.49	102 04.28	N22 03.79	058 22.86	N18 55.14	189 26.47	16.08	S06 57.39	12.22	54.32
17	201 11.10	030 27.32	N04 29.02	068 45.85	N18 55.74	079 51.63	N20 39.38	117 06.45	N22 03.80	073 22.88	N18 54.56	204 01.55	16.11	S06 45.17	12.24	54.31
18	216 13.56	045 27.37	N04 27.80	083 46.68	N18 55.31	094 53.51	N20 39.27	132 08.62	N22 03.82	088 22.89	N18 53.98	218 36.66	16.14	S06 32.93	12.26	54.30
19	231 16.02	060 27.42	N04 26.57	098 47.52	N18 54.88	109 55.39	N20 39.16	147 10.79	N22 03.83	103 22.91	N18 53.39	233 11.81	16.18	S06 20.67	12.28	54.29
20	246 18.49	075 27.46	N04 25.34	113 48.35	N18 54.45	124 57.28	N20 39.05	162 12.96	N22 03.84	118 22.92	N18 52.81	247 46.98	16.21	S06 08.39	12.30	54.29
21	261 20.95	090 27.51	N04 24.11	128 49.19	N18 54.03	139 59.16	N20 38.94	177 15.13	N22 03.85	133 22.94	N18 52.23	262 22.19	16.24	S05 56.09	12.32	54.28
22	276 23.42	105 27.55	N04 22.89	143 50.03	N18 53.60	155 01.04	N20 38.82	192 17.30	N22 03.86	148 22.96	N18 51.64	276 57.43	16.27	S05 43.77	12.33	54.27
23	291 25.88	120 27.60	N04 21.66	158 50.86	N18 53.17	170 02.92	N20 38.71	207 19.47	N22 03.87	163 22.97	N18 51.06	291 32.69	16.29	S05 31.44	12.35	54.26
29 00	306 28.34	135 27.65	N04 20.43	173 51.70	N18 52.74	185 04.80	N20 38.60	222 21.64	N22 03.88	178 22.99	N18 50.47	306 07.99	16.32	S05 19.09	12.37	54.26
01	321 30.81	150 27.70	N04 19.20	188 52.53	N18 52.32	200 06.69	N20 38.49	237 23.81	N22 03.89	193 23.01	N18 49.88	320 43.31	16.35	S05 06.72	12.38	54.25
02	336 33.27	165 27.75	N04 17.98	203 53.37	N18 51.89	215 08.57	N20 38.38	252 25.98	N22 03.90	208 23.02	N18 49.30	335 18.66	16.37	S04 54.34	12.40	54.25
03	351 35.74	180 27.80	N04 16.75	218 54.21	N18 51.46	230 10.45	N20 38.27	267 28.16	N22 03.91	223 23.04	N18 48.71	349 54.03	16.40	S04 41.94	12.41	54.24
04	006 38.20	195 27.85	N04 15.52	233 55.05	N18 51.03	245 12.33	N20 38.16	282 30.33	N22 03.92	238 23.06	N18 48.12	004 29.43	16.42	S04 29.53	12.42	54.23
05	021 40.67	210 27.90	N04 14.29	248 55.88	N18 50.60	260 14.21	N20 38.04	297 32.50	N22 03.93	253 23.08	N18 47.53	019 04.85	16.44	S04 17.11	12.44	54.23
06	036 43.13	225 27.95	N04 13.06	263 56.72	N18 50.17	275 16.10	N20 37.93	312 34.67	N22 03.94	268 23.09	N18 46.94	033 40.29	16.46	S04 04.67	12.45	54.22
07	051 45.59	240 28.00	N04 11.83	278 57.56	N18 49.74	290 17.98	N20 37.82	327 36.84	N22 03.96	283 23.11	N18 46.35	048 15.76	16.48	S03 52.22	12.46	54.22
08	066 48.06	255 28.05	N04 10.61	293 58.40	N18 49.31	305 19.86	N20 37.71	342 39.01	N22 03.97	298 23.13	N18 45.76	062 51.24	16.50	S03 39.77	12.47	54.21
09	081 50.52	270 28.11	N04 09.38	308 59.23	N18 48.88	320 21.74	N20 37.60	357 41.19	N22 03.98	313 23.15	N18 45.17	077 26.75	16.52	S03 27.30	12.48	54.21
10	096 52.99	285 28.16	N04 08.15	324 00.07	N18 48.45	335 23.63	N20 37.49	012 43.36	N22 03.99	328 23.17	N18 44.58	092 02.27	16.54	S03 14.82	12.49	54.20
11	111 55.45	300 28.21	N04 06.92	339 00.91	N18 48.02	350 25.51	N20 37.38	027 45.53	N22 04.00	343 23.19	N18 43.99	106 37.81	16.56	S03 02.33	12.50	54.20
12	126 57.91	315 28.27	N04 05.69	354 01.75	N18 47.59	005 27.39	N20 37.26	042 47.70	N22 04.01	358 23.21	N18 43.40	121 13.37	16.57	S02 49.83	12.51	54.20
13	142 00.38	330 28.32	N04 04.46	009 02.59	N18 47.16	020 29.27	N20 37.15	057 49.87	N22 04.02	013 23.23	N18 42.80	135 48.94	16.59	S02 37.33	12.51	54.19
14	157 02.84	345 28.38	N04 03.23	024 03.42	N18 46.73	035 31.16	N20 37.04	072 52.05	N22 04.03	028 23.25	N18 42.21	150 24.53	16.60	S02 24.81	12.52	54.19
15	172 05.31	000 28.43	N04 02.00	039 04.26	N18 46.30	050 33.04	N20 36.93	087 54.22	N22 04.04	043 23.27	N18 41.62	165 00.13	16.61	S02 12.29	12.52	54.19
16	187 07.77	015 28.49	N04 00.77	054 05.10	N18 45.87	065 34.92	N20 36.82	102 56.39	N22 04.05	058 23.29	N18 41.02	179 35.74	16.62	S01 59.77	12.53	54.19
17	202 10.23	030 28.55	N03 59.54	069 05.94	N18 45.43	080 36.80	N20 36.71	117 58.57	N22 04.06	073 23.31	N18 40.43	194 11.36	16.63	S01 47.24	12.53	54.18
18	217 12.70	045 28.60	N03 58.31	084 06.78	N18 45.00	095 38.69	N20 36.59	133 00.74	N22 04.07	088 23.33	N18 39.83	208 47.00	16.64	S01 34.70	12.54	54.18
19	232 15.16	060 28.66	N03 57.08	099 07.62	N18 44.57	110 40.57	N20 36.48	148 02.91	N22 04.08	103 23.35	N18 39.23	223 22.64	16.65	S01 22.17	12.54	54.18
20	247 17.63	075 28.72	N03 55.85	114 08.46	N18 44.14	125 42.45	N20 36.37	163 05.08	N22 04.09	118 23.37	N18 38.64	237 58.29	16.66	S01 09.62	12.55	54.18
21	262 20.09	090 28.78	N03 54.62	129 09.30	N18 43.71	140 44.33	N20 36.26	178 07.26	N22 04.10	133 23.39	N18 38.04	252 33.95	16.67	S00 57.08	12.55	54.18
22	277 22.55	105 28.84	N03 53.39	144 10.14	N18 43.27	155 46.22	N20 36.15	193 09.43	N22 04.11	148 23.42	N18 37.44	267 09.62	16.67	S00 44.53	12.55	54.18
23	292 25.02	120 28.90	N03 52.16	159 10.98	N18 42.84	170 48.10	N20 36.03	208 11.60	N22 04.12	163 23.44	N18 36.84	281 45.29	16.68	S00 31.98	12.55	54.17
		v 0.05	d 1.23	v 0.84	d 0.43	v 1.88	d 0.11	v 2.17	d 0.01	v 0.02	d 0.59	SD	14.81	14.77		
		HP 0.17		HP 0.06						SD 15.75	HP 0.14					

Tuesday July 30, 2002 through Wednesday July 31, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
30 00	307 27.48	135 28.96	N03 50.93	174 11.82	N18 42.41	185 49.98	N20 35.92	223 13.78	N22 04.13	178 23.46	N18 36.24	296 20.96	16.68	S00 19.43	12.55	54.17
01	322 29.95	150 29.02	N03 49.70	189 12.66	N18 41.97	200 51.86	N20 35.81	238 15.95	N22 04.14	193 23.48	N18 35.65	310 56.64	16.68	S00 06.88	12.55	54.17
02	337 32.41	165 29.08	N03 48.47	204 13.50	N18 41.54	215 53.75	N20 35.70	253 18.12	N22 04.15	208 23.51	N18 35.05	325 32.33	16.68	N00 05.67	12.55	54.17
03	352 34.87	180 29.14	N03 47.24	219 14.34	N18 41.11	230 55.63	N20 35.59	268 20.30	N22 04.17	223 23.53	N18 34.44	340 08.01	16.68	N00 18.22	12.55	54.17
04	007 37.34	195 29.20	N03 46.01	234 15.18	N18 40.67	245 57.51	N20 35.47	283 22.47	N22 04.18	238 23.55	N18 33.84	354 43.69	16.68	N00 30.76	12.54	54.17
05	022 39.80	210 29.27	N03 44.78	249 16.02	N18 40.24	260 59.40	N20 35.36	298 24.65	N22 04.19	253 23.58	N18 33.24	009 19.38	16.68	N00 43.31	12.54	54.18
06	037 42.27	225 29.33	N03 43.54	264 16.86	N18 39.80	276 01.28	N20 35.25	313 26.82	N22 04.20	268 23.60	N18 32.64	023 55.06	16.68	N00 55.85	12.54	54.18
07	052 44.73	240 29.39	N03 42.31	279 17.70	N18 39.37	291 03.16	N20 35.14	328 28.99	N22 04.21	283 23.63	N18 32.04	038 30.74	16.68	N01 08.39	12.53	54.18
08	067 47.19	255 29.46	N03 41.08	294 18.54	N18 38.93	306 05.05	N20 35.03	343 31.17	N22 04.22	298 23.65	N18 31.43	053 06.41	16.67	N01 20.92	12.53	54.18
09	082 49.66	270 29.52	N03 39.85	309 19.39	N18 38.50	321 06.93	N20 34.91	358 33.34	N22 04.23	313 23.68	N18 30.83	067 42.08	16.67	N01 33.45	12.52	54.18
10	097 52.12	285 29.59	N03 38.62	324 20.23	N18 38.06	336 08.81	N20 34.80	013 35.52	N22 04.24	328 23.70	N18 30.23	082 17.75	16.66	N01 45.98	12.52	54.18
11	112 54.59	300 29.65	N03 37.39	339 21.07	N18 37.63	351 10.70	N20 34.69	028 37.69	N22 04.25	343 23.73	N18 29.62	096 53.41	16.65	N01 58.49	12.51	54.19
12	127 57.05	315 29.72	N03 36.15	354 21.91	N18 37.19	006 12.58	N20 34.58	043 39.87	N22 04.26	358 23.75	N18 29.02	111 29.06	16.64	N02 11.00	12.50	54.19
13	142 59.52	330 29.79	N03 34.92	009 22.75	N18 36.75	021 14.46	N20 34.47	058 42.04	N22 04.27	013 23.78	N18 28.41	126 04.70	16.63	N02 23.51	12.50	54.19
14	158 01.98	345 29.85	N03 33.69	024 23.60	N18 36.32	036 16.34	N20 34.35	073 44.22	N22 04.28	028 23.81	N18 27.81	140 40.33	16.62	N02 36.01	12.49	54.20
15	173 04.44	000 29.92	N03 32.46	039 24.44	N18 35.88	051 18.23	N20 34.24	088 46.39	N22 04.29	043 23.83	N18 27.20	155 15.95	16.61	N02 48.49	12.48	54.20
16	188 06.91	015 29.99	N03 31.23	054 25.28	N18 35.44	066 20.11	N20 34.13	103 48.57	N22 04.30	058 23.86	N18 26.59	169 51.56	16.60	N03 00.97	12.47	54.20
17	203 09.37	030 30.06	N03 29.99	069 26.12	N18 35.01	081 22.00	N20 34.02	118 50.74	N22 04.31	073 23.89	N18 25.98	184 27.16	16.58	N03 13.44	12.46	54.21
18	218 11.84	045 30.13	N03 28.76	084 26.97	N18 34.57	096 23.88	N20 33.90	133 52.92	N22 04.32	088 23.91	N18 25.37	199 02.75	16.57	N03 25.90	12.45	54.21
19	233 14.30	060 30.20	N03 27.53	099 27.81	N18 34.13	111 25.76	N20 33.79	148 55.09	N22 04.33	103 23.94	N18 24.77	213 38.31	16.55	N03 38.35	12.44	54.22
20	248 16.76	075 30.27	N03 26.29	114 28.65	N18 33.70	126 27.65	N20 33.68	163 57.27	N22 04.34	118 23.97	N18 24.16	228 13.87	16.54	N03 50.78	12.42	54.22
21	263 19.23	090 30.34	N03 25.06	129 29.49	N18 33.26	141 29.53	N20 33.57	178 59.44	N22 04.35	133 24.00	N18 23.55	242 49.40	16.52	N04 03.21	12.41	54.23
22	278 21.69	105 30.41	N03 23.83	144 30.34	N18 32.82	156 31.41	N20 33.45	194 01.62	N22 04.36	148 24.03	N18 22.94	257 24.92	16.50	N04 15.62	12.40	54.23
23	293 24.16	120 30.48	N03 22.60	159 31.18	N18 32.38	171 33.30	N20 33.34	209 03.79	N22 04.37	163 24.05	N18 22.33	272 00.42	16.48	N04 28.01	12.38	54.24
31 00	308 26.62	135 30.56	N03 21.36	174 32.03	N18 31.94	186 35.18	N20 33.23	224 05.97	N22 04.38	178 24.08	N18 21.71	286 35.90	16.46	N04 40.40	12.37	54.25
01	323 29.08	150 30.63	N03 20.13	189 32.87	N18 31.50	201 37.06	N20 33.12	239 08.14	N22 04.39	193 24.11	N18 21.10	301 11.36	16.44	N04 52.77	12.35	54.25
02	338 31.55	165 30.70	N03 18.90	204 33.71	N18 31.07	216 38.95	N20 33.00	254 10.32	N22 04.40	208 24.14	N18 20.49	315 46.79	16.41	N05 05.12	12.34	54.26
03	353 34.01	180 30.78	N03 17.66	219 34.56	N18 30.63	231 40.83	N20 32.89	269 12.50	N22 04.41	223 24.17	N18 19.88	330 22.21	16.39	N05 17.46	12.32	54.27
04	008 36.48	195 30.85	N03 16.43	234 35.40	N18 30.19	246 42.72	N20 32.78	284 14.67	N22 04.42	238 24.20	N18 19.26	344 57.60	16.36	N05 29.78	12.30	54.27
05	023 38.94	210 30.92	N03 15.19	249 36.25	N18 29.75	261 44.60	N20 32.67	299 16.85	N22 04.43	253 24.23	N18 18.65	359 32.96	16.34	N05 42.08	12.28	54.28
06	038 41.40	225 31.00	N03 13.96	264 37.09	N18 29.31	276 46.48	N20 32.55	314 19.03	N22 04.44	268 24.26	N18 18.03	014 08.30	16.31	N05 54.36	12.27	54.29
07	053 43.87	240 31.08	N03 12.73	279 37.94	N18 28.87	291 48.37	N20 32.44	329 21.20	N22 04.45	283 24.29	N18 17.42	028 43.61	16.28	N06 06.63	12.25	54.30
08	068 46.33	255 31.15	N03 11.49	294 38.78	N18 28.43	306 50.25	N20 32.33	344 23.38	N22 04.46	298 24.32	N18 16.80	043 18.89	16.25	N06 18.88	12.23	54.31
09	083 48.80	270 31.23	N03 10.26	309 39.63	N18 27.99	321 52.13	N20 32.21	359 25.56	N22 04.47	313 24.35	N18 16.19	057 54.15	16.22	N06 31.10	12.21	54.32
10	098 51.26	285 31.31	N03 09.02	324 40.47	N18 27.55	336 54.02	N20 32.10	014 27.73	N22 04.48	328 24.38	N18 15.57	072 29.37	16.19	N06 43.31	12.18	54.33
11	113 53.72	300 31.38	N03 07.79	339 41.32	N18 27.10	351 55.90	N20 31.99	029 29.91	N22 04.49	343 24.42	N18 14.95	087 04.56	16.16	N06 55.49	12.16	54.34
12	128 56.19	315 31.46	N03 06.56	354 42.16	N18 26.66	006 57.79	N20 31.88	044 32.09	N22 04.50	358 24.45	N18 14.33	101 39.72	16.13	N07 07.66	12.14	54.35
13	143 58.65	330 31.54	N03 05.32	009 43.01	N18 26.22	021 59.67	N20 31.76	059 34.26	N22 04.51	013 24.48	N18 13.72	116 14.85	16.09	N07 19.80	12.12	54.36
14	159 01.12	345 31.62	N03 04.09	024 43.85	N18 25.78	037 01.56	N20 31.65	074 36.44	N22 04.52	028 24.51	N18 13.10	130 49.95	16.06	N07 31.91	12.09	54.37
15	174 03.58	000 31.70	N03 02.85	039 44.70	N18 25.34	052 03.44	N20 31.54	089 38.62	N22 04.53	043 24.55	N18 12.48	145 25.00	16.02	N07 44.01	12.07	54.38
16	189 06.04	015 31.78	N03 01.62	054 45.54	N18 24.90	067 05.32	N20 31.42	104 40.79	N22 04.54	058 24.58	N18 11.86	160 00.02	15.98	N07 56.08	12.04	54.39
17	204 08.51	030 31.86	N03 00.38	069 46.39	N18 24.46	082 07.21	N20 31.31	119 42.97	N22 04.55	073 24.61	N18 11.24	174 35.01	15.95	N08 08.12	12.02	54.40
18	219 10.97	045 31.94	N02 59.15	084 47.24	N18 24.01	097 09.09	N20 31.20	134 45.15	N22 04.56	088 24.64	N18 10.62	189 09.95	15.91	N08 20.14	11.99	54.41
19	234 13.44	060 32.02	N02 57.91	099 48.08	N18 23.57	112 10.98	N20 31.09	149 47.33	N22 04.57	103 24.68	N18 10.00	203 44.86	15.87	N08 32.13	11.96	54.42
20	249 15.90	075 32.11	N02 56.68	114 48.93	N18 23.13	127 12.86	N20 30.97	164 49.51	N22 04.58	118 24.71	N18 09.37	218 19.73	15.82	N08 44.09	11.93	54.43
21	264 18.37	090 32.19	N02 55.44	129 49.78	N18 22.68	142 14.75	N20 30.86	179 51.68	N22 04.59	133 24.75	N18 08.75	232 54.55	15.78	N08 56.02	11.91	54.45
22	279 20.83	105 32.27	N02 54.21	144 50.62	N18 22.24	157 16.63	N20 30.75	194 53.86	N22 04.60	148 24.78	N18 08.13	247 29.33	15.74	N09 07.93	11.88	54.46
23	294 23.29	120 32.36	N02 52.97	159 51.47	N18 21.80	172 18.52	N20 30.63	209 56.04	N22 04.60	163 24.82	N18 07.50	262 04.07	15.69	N09 19.81	11.85	54.47
		v 0.07	d 1.23	v 0.84	d 0.44	v 1.88	d 0.11	v 2.18	d 0.01	v 0.03	d 0.61	SD	14.77	14.81		
		HP 0.17		HP 0.06						SD 15.76	HP 0.14					

Thursday August 01, 2002 through Friday August 02, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
01 00	309 25.76	135 32.44	N02 51.74	174 52.32	N18 21.35	187 20.40	N20 30.52	224 58.22	N22 04.61	178 24.85	N18 06.88	276 38.77	15.65	N09 31.65	11.81	54.49
01	324 28.22	150 32.52	N02 50.50	189 53.17	N18 20.91	202 22.28	N20 30.41	240 00.40	N22 04.62	193 24.89	N18 06.26	291 13.42	15.60	N09 43.47	11.78	54.50
02	339 30.69	165 32.61	N02 49.27	204 54.01	N18 20.47	217 24.17	N20 30.29	255 02.57	N22 04.63	208 24.92	N18 05.63	305 48.02	15.56	N09 55.25	11.75	54.51
03	354 33.15	180 32.69	N02 48.03	219 54.86	N18 20.02	232 26.05	N20 30.18	270 04.75	N22 04.64	223 24.96	N18 05.01	320 22.58	15.51	N10 07.00	11.72	54.53
04	009 35.61	195 32.78	N02 46.80	234 55.71	N18 19.58	247 27.94	N20 30.07	285 06.93	N22 04.65	238 24.99	N18 04.38	334 57.08	15.46	N10 18.72	11.68	54.54
05	024 38.08	210 32.87	N02 45.56	249 56.56	N18 19.13	262 29.82	N20 29.95	300 09.11	N22 04.66	253 25.03	N18 03.75	349 31.54	15.41	N10 30.40	11.65	54.56
06	039 40.54	225 32.95	N02 44.32	264 57.41	N18 18.69	277 31.71	N20 29.84	315 11.29	N22 04.67	268 25.07	N18 03.13	004 05.95	15.36	N10 42.05	11.61	54.57
07	054 43.01	240 33.04	N02 43.09	279 58.25	N18 18.24	292 33.59	N20 29.73	330 13.47	N22 04.68	283 25.10	N18 02.50	018 40.31	15.30	N10 53.66	11.58	54.59
08	069 45.47	255 33.13	N02 41.85	294 59.10	N18 17.80	307 35.48	N20 29.61	345 15.65	N22 04.69	298 25.14	N18 01.87	033 14.61	15.25	N11 05.24	11.54	54.60
09	084 47.93	270 33.22	N02 40.62	309 59.95	N18 17.35	322 37.36	N20 29.50	000 17.83	N22 04.70	313 25.18	N18 01.24	047 48.86	15.20	N11 16.78	11.50	54.62
10	099 50.40	285 33.31	N02 39.38	325 00.80	N18 16.91	337 39.25	N20 29.39	015 20.00	N22 04.71	328 25.21	N18 00.61	062 23.06	15.14	N11 28.28	11.46	54.64
11	114 52.86	300 33.40	N02 38.14	340 01.65	N18 16.46	352 41.13	N20 29.27	030 22.18	N22 04.72	343 25.25	N17 59.98	076 57.20	15.09	N11 39.75	11.42	54.65
12	129 55.33	315 33.49	N02 36.91	355 02.50	N18 16.01	007 43.02	N20 29.16	045 24.36	N22 04.73	358 25.29	N17 59.35	091 31.28	15.03	N11 51.17	11.38	54.67
13	144 57.79	330 33.58	N02 35.67	010 03.35	N18 15.57	022 44.90	N20 29.05	060 26.54	N22 04.74	013 25.33	N17 58.72	106 05.31	14.97	N12 02.56	11.34	54.69
14	160 00.25	345 33.67	N02 34.43	025 04.20	N18 15.12	037 46.79	N20 28.93	075 28.72	N22 04.75	028 25.37	N17 58.09	120 39.28	14.91	N12 13.90	11.30	54.70
15	175 02.72	000 33.76	N02 33.20	040 05.05	N18 14.67	052 48.67	N20 28.82	090 30.90	N22 04.76	043 25.41	N17 57.46	135 13.19	14.85	N12 25.20	11.26	54.72
16	190 05.18	015 33.85	N02 31.96	055 05.90	N18 14.23	067 50.56	N20 28.70	105 33.08	N22 04.77	058 25.44	N17 56.83	149 47.04	14.79	N12 36.46	11.22	54.74
17	205 07.65	030 33.95	N02 30.72	070 06.75	N18 13.78	082 52.44	N20 28.59	120 35.26	N22 04.78	073 25.48	N17 56.19	164 20.83	14.73	N12 47.68	11.17	54.76
18	220 10.11	045 34.04	N02 29.49	085 07.60	N18 13.33	097 54.33	N20 28.48	135 37.44	N22 04.79	088 25.52	N17 55.56	178 54.56	14.66	N12 58.85	11.13	54.78
19	235 12.58	060 34.13	N02 28.25	100 08.45	N18 12.88	112 56.21	N20 28.36	150 39.62	N22 04.80	103 25.56	N17 54.93	193 28.23	14.60	N13 09.98	11.08	54.80
20	250 15.04	075 34.23	N02 27.01	115 09.30	N18 12.44	127 58.10	N20 28.25	165 41.80	N22 04.80	118 25.60	N17 54.29	208 01.83	14.54	N13 21.06	11.03	54.82
21	265 17.50	090 34.32	N02 25.78	130 10.15	N18 11.99	142 59.99	N20 28.14	180 43.98	N22 04.81	133 25.64	N17 53.66	222 35.36	14.47	N13 32.09	10.99	54.84
22	280 19.97	105 34.42	N02 24.54	145 11.00	N18 11.54	158 01.87	N20 28.02	195 46.16	N22 04.82	148 25.68	N17 53.02	237 08.83	14.40	N13 43.08	10.94	54.86
23	295 22.43	120 34.51	N02 23.30	160 11.85	N18 11.09	173 03.76	N20 27.91	210 48.34	N22 04.83	163 25.73	N17 52.39	251 42.24	14.34	N13 54.02	10.89	54.88
02 00	310 24.90	135 34.61	N02 22.07	175 12.70	N18 10.64	188 05.64	N20 27.80	225 50.52	N22 04.84	178 25.77	N17 51.75	266 15.57	14.27	N14 04.91	10.84	54.90
01	325 27.36	150 34.70	N02 20.83	190 13.55	N18 10.19	203 07.53	N20 27.68	240 52.70	N22 04.85	193 25.81	N17 51.11	280 48.84	14.20	N14 15.74	10.79	54.92
02	340 29.82	165 34.80	N02 19.59	205 14.40	N18 09.74	218 09.41	N20 27.57	255 54.89	N22 04.86	208 25.85	N17 50.48	295 22.04	14.13	N14 26.53	10.74	54.94
03	355 32.29	180 34.90	N02 18.35	220 15.25	N18 09.29	233 11.30	N20 27.45	270 57.07	N22 04.87	223 25.89	N17 49.84	309 55.17	14.06	N14 37.27	10.68	54.96
04	010 34.75	195 35.00	N02 17.12	235 16.10	N18 08.84	248 13.18	N20 27.34	285 59.25	N22 04.88	238 25.93	N17 49.20	324 28.23	13.99	N14 47.95	10.63	54.98
05	025 37.22	210 35.09	N02 15.88	250 16.95	N18 08.39	263 15.07	N20 27.23	301 01.43	N22 04.89	253 25.98	N17 48.56	339 01.21	13.91	N14 58.58	10.57	55.00
06	040 39.68	225 35.19	N02 14.64	265 17.81	N18 07.94	278 16.96	N20 27.11	316 03.61	N22 04.90	268 26.02	N17 47.92	353 34.13	13.84	N15 09.15	10.52	55.02
07	055 42.14	240 35.29	N02 13.40	280 18.66	N18 07.49	293 18.84	N20 27.00	331 05.79	N22 04.91	283 26.06	N17 47.28	008 06.97	13.77	N15 19.67	10.46	55.05
08	070 44.61	255 35.39	N02 12.17	295 19.51	N18 07.04	308 20.73	N20 26.88	346 07.97	N22 04.92	298 26.10	N17 46.64	022 39.73	13.69	N15 30.14	10.40	55.07
09	085 47.07	270 35.49	N02 10.93	310 20.36	N18 06.59	323 22.61	N20 26.77	001 10.15	N22 04.92	313 26.15	N17 46.00	037 12.42	13.61	N15 40.54	10.35	55.09
10	100 49.54	285 35.59	N02 09.69	325 21.21	N18 06.14	338 24.50	N20 26.66	016 12.34	N22 04.93	328 26.19	N17 45.36	051 45.03	13.54	N15 50.89	10.29	55.11
11	115 52.00	300 35.69	N02 08.45	340 22.07	N18 05.69	353 26.39	N20 26.54	031 14.52	N22 04.94	343 26.24	N17 44.72	066 17.57	13.46	N16 01.17	10.23	55.14
12	130 54.47	315 35.80	N02 07.22	355 22.92	N18 05.24	008 28.27	N20 26.43	046 16.70	N22 04.95	358 26.28	N17 44.08	080 50.03	13.38	N16 11.40	10.17	55.16
13	145 56.93	330 35.90	N02 05.98	010 23.77	N18 04.79	023 30.16	N20 26.31	061 18.88	N22 04.96	013 26.32	N17 43.43	095 22.41	13.30	N16 21.57	10.10	55.18
14	160 59.39	345 36.00	N02 04.74	025 24.63	N18 04.34	038 32.04	N20 26.20	076 21.06	N22 04.97	028 26.37	N17 42.79	109 54.71	13.22	N16 31.67	10.04	55.21
15	176 01.86	000 36.10	N02 03.50	040 25.48	N18 03.88	053 33.93	N20 26.09	091 23.25	N22 04.98	043 26.41	N17 42.15	124 26.94	13.14	N16 41.71	09.98	55.23
16	191 04.32	015 36.21	N02 02.26	055 26.33	N18 03.43	068 35.82	N20 25.97	106 25.43	N22 04.99	058 26.46	N17 41.50	138 59.08	13.06	N16 51.68	09.91	55.26
17	206 06.79	030 36.31	N02 01.03	070 27.19	N18 02.98	083 37.70	N20 25.86	121 27.61	N22 05.00	073 26.50	N17 40.86	153 31.14	12.98	N17 01.59	09.84	55.28
18	221 09.25	045 36.42	N01 59.79	085 28.04	N18 02.53	098 39.59	N20 25.74	136 29.79	N22 05.01	088 26.55	N17 40.21	168 03.11	12.89	N17 11.44	09.78	55.31
19	236 11.71	060 36.52	N01 58.55	100 28.89	N18 02.07	113 41.48	N20 25.63	151 31.98	N22 05.02	103 26.60	N17 39.57	182 35.01	12.81	N17 21.21	09.71	55.33
20	251 14.18	075 36.63	N01 57.31	115 29.75	N18 01.62	128 43.36	N20 25.51	166 34.16	N22 05.02	118 26.64	N17 38.92	197 06.82	12.73	N17 30.92	09.64	55.36
21	266 16.64	090 36.73	N01 56.07	130 30.60	N18 01.17	143 45.25	N20 25.40	181 36.34	N22 05.03	133 26.69	N17 38.27	211 38.54	12.64	N17 40.56	09.57	55.38
22	281 19.11	105 36.84	N01 54.84	145 31.45	N18 00.71	158 47.13	N20 25.29	196 38.52	N22 05.04	148 26.73	N17 37.63	226 10.19	12.56	N17 50.13	09.50	55.41
23	296 21.57	120 36.95	N01 53.60	160 32.31	N18 00.26	173 49.02	N20 25.17	211 40.71	N22 05.05	163 26.78	N17 36.98	240 41.74	12.47	N17 59.63	09.42	55.44
		v 0.10	d 1.24	v 0.85	d 0.45	v 1.89	d 0.11	v 2.18	d 0.01	v 0.04	d 0.64	SD	14.89	15.03		
		HP 0.17		HP 0.05						SD 15.76	HP 0.14					

Saturday August 03, 2002 through Sunday August 04, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
03 00	311 24.03	135 37.05	N01 52.36	175 33.16	N17 59.81	188 50.91	N20 25.06	226 42.89	N22 05.06	178 26.83	N17 36.33	255 13.21	12.38	N18 09.05	09.35	55.46
01	326 26.50	150 37.16	N01 51.12	190 34.02	N17 59.35	203 52.79	N20 24.94	241 45.07	N22 05.07	193 26.88	N17 35.68	269 44.59	12.30	N18 18.40	09.28	55.49
02	341 28.96	165 37.27	N01 49.88	205 34.87	N17 58.90	218 54.68	N20 24.83	256 47.26	N22 05.08	208 26.92	N17 35.03	284 15.89	12.21	N18 27.68	09.20	55.52
03	356 31.43	180 37.38	N01 48.64	220 35.73	N17 58.44	233 56.57	N20 24.71	271 49.44	N22 05.09	223 26.97	N17 34.38	298 47.10	12.12	N18 36.88	09.12	55.54
04	011 33.89	195 37.49	N01 47.40	235 36.58	N17 57.99	248 58.45	N20 24.60	286 51.62	N22 05.10	238 27.02	N17 33.73	313 18.22	12.03	N18 46.00	09.05	55.57
05	026 36.36	210 37.60	N01 46.17	250 37.44	N17 57.53	264 00.34	N20 24.48	301 53.81	N22 05.11	253 27.07	N17 33.08	327 49.25	11.94	N18 55.05	08.97	55.60
06	041 38.82	225 37.71	N01 44.93	265 38.29	N17 57.08	279 02.23	N20 24.37	316 55.99	N22 05.11	268 27.12	N17 32.43	342 20.19	11.85	N19 04.01	08.89	55.63
07	056 41.28	240 37.82	N01 43.69	280 39.15	N17 56.62	294 04.11	N20 24.26	331 58.18	N22 05.12	283 27.17	N17 31.78	356 51.04	11.76	N19 12.90	08.80	55.66
08	071 43.75	255 37.93	N01 42.45	295 40.00	N17 56.17	309 06.00	N20 24.14	347 00.36	N22 05.13	298 27.22	N17 31.12	011 21.80	11.67	N19 21.71	08.72	55.68
09	086 46.21	270 38.04	N01 41.21	310 40.86	N17 55.71	324 07.89	N20 24.03	002 02.54	N22 05.14	313 27.27	N17 30.47	025 52.46	11.58	N19 30.43	08.64	55.71
10	101 48.68	285 38.15	N01 39.97	325 41.71	N17 55.26	339 09.78	N20 23.91	017 04.73	N22 05.15	328 27.32	N17 29.82	040 23.04	11.48	N19 39.07	08.55	55.74
11	116 51.14	300 38.27	N01 38.73	340 42.57	N17 54.80	354 11.66	N20 23.80	032 06.91	N22 05.16	343 27.37	N17 29.16	054 53.52	11.39	N19 47.62	08.47	55.77
12	131 53.60	315 38.38	N01 37.49	355 43.43	N17 54.34	009 13.55	N20 23.68	047 09.10	N22 05.17	358 27.42	N17 28.51	069 23.92	11.30	N19 56.09	08.38	55.80
13	146 56.07	330 38.49	N01 36.25	010 44.28	N17 53.89	024 15.44	N20 23.57	062 11.28	N22 05.18	013 27.47	N17 27.86	083 54.22	11.21	N20 04.47	08.29	55.83
14	161 58.53	345 38.61	N01 35.02	025 45.14	N17 53.43	039 17.32	N20 23.45	077 13.47	N22 05.18	028 27.52	N17 27.20	098 24.42	11.11	N20 12.76	08.20	55.86
15	177 01.00	000 38.72	N01 33.78	040 46.00	N17 52.97	054 19.21	N20 23.34	092 15.65	N22 05.19	043 27.57	N17 26.54	112 54.53	11.02	N20 20.97	08.11	55.89
16	192 03.46	015 38.84	N01 32.54	055 46.85	N17 52.52	069 21.10	N20 23.22	107 17.83	N22 05.20	058 27.62	N17 25.89	127 24.55	10.92	N20 29.08	08.02	55.92
17	207 05.93	030 38.95	N01 31.30	070 47.71	N17 52.06	084 22.99	N20 23.11	122 20.02	N22 05.21	073 27.67	N17 25.23	141 54.48	10.83	N20 37.10	07.93	55.95
18	222 08.39	045 39.07	N01 30.06	085 48.57	N17 51.60	099 24.87	N20 22.99	137 22.20	N22 05.22	088 27.72	N17 24.57	156 24.31	10.74	N20 45.03	07.84	55.98
19	237 10.85	060 39.19	N01 28.82	100 49.42	N17 51.14	114 26.76	N20 22.88	152 24.39	N22 05.23	103 27.77	N17 23.92	170 54.05	10.64	N20 52.87	07.74	56.01
20	252 13.32	075 39.30	N01 27.58	115 50.28	N17 50.69	129 28.65	N20 22.76	167 26.58	N22 05.24	118 27.83	N17 23.26	185 23.69	10.55	N21 00.61	07.64	56.04
21	267 15.78	090 39.42	N01 26.34	130 51.14	N17 50.23	144 30.54	N20 22.65	182 28.76	N22 05.25	133 27.88	N17 22.60	199 53.23	10.45	N21 08.25	07.55	56.07
22	282 18.25	105 39.54	N01 25.10	145 52.00	N17 49.77	159 32.42	N20 22.53	197 30.95	N22 05.25	148 27.93	N17 21.94	214 22.68	10.36	N21 15.80	07.45	56.11
23	297 20.71	120 39.66	N01 23.86	160 52.85	N17 49.31	174 34.31	N20 22.42	212 33.13	N22 05.26	163 27.99	N17 21.28	228 52.04	10.26	N21 23.25	07.35	56.14
04 00	312 23.17	135 39.78	N01 22.62	175 53.71	N17 48.85	189 36.20	N20 22.30	227 35.32	N22 05.27	178 28.04	N17 20.62	243 21.30	10.17	N21 30.59	07.25	56.17
01	327 25.64	150 39.90	N01 21.38	190 54.57	N17 48.39	204 38.09	N20 22.19	242 37.50	N22 05.28	193 28.09	N17 19.96	257 50.47	10.07	N21 37.84	07.14	56.20
02	342 28.10	165 40.02	N01 20.15	205 55.43	N17 47.93	219 39.97	N20 22.07	257 39.69	N22 05.29	208 28.15	N17 19.30	272 19.54	09.97	N21 44.98	07.04	56.23
03	357 30.57	180 40.14	N01 18.91	220 56.29	N17 47.47	234 41.86	N20 21.96	272 41.88	N22 05.30	223 28.20	N17 18.64	286 48.51	09.88	N21 52.02	06.94	56.26
04	012 33.03	195 40.26	N01 17.67	235 57.15	N17 47.01	249 43.75	N20 21.84	287 44.06	N22 05.31	238 28.25	N17 17.97	301 17.39	09.78	N21 58.96	06.83	56.30
05	027 35.50	210 40.38	N01 16.43	250 58.00	N17 46.56	264 45.64	N20 21.73	302 46.25	N22 05.31	253 28.31	N17 17.31	315 46.17	09.69	N22 05.79	06.72	56.33
06	042 37.96	225 40.50	N01 15.19	265 58.86	N17 46.10	279 47.53	N20 21.61	317 48.43	N22 05.32	268 28.36	N17 16.65	330 14.86	09.59	N22 12.51	06.61	56.36
07	057 40.42	240 40.62	N01 13.95	280 59.72	N17 45.63	294 49.41	N20 21.50	332 50.62	N22 05.33	283 28.42	N17 15.99	344 43.45	09.50	N22 19.13	06.50	56.39
08	072 42.89	255 40.74	N01 12.71	296 00.58	N17 45.17	309 51.30	N20 21.38	347 52.81	N22 05.34	298 28.47	N17 15.32	359 11.95	09.40	N22 25.63	06.39	56.43
09	087 45.35	270 40.87	N01 11.47	311 01.44	N17 44.71	324 53.19	N20 21.27	002 54.99	N22 05.35	313 28.53	N17 14.66	013 40.35	09.31	N22 32.02	06.28	56.46
10	102 47.82	285 40.99	N01 10.23	326 02.30	N17 44.25	339 55.08	N20 21.15	017 57.18	N22 05.36	328 28.59	N17 13.99	028 08.66	09.21	N22 38.30	06.17	56.49
11	117 50.28	300 41.12	N01 08.99	341 03.16	N17 43.79	354 56.97	N20 21.04	032 59.37	N22 05.37	343 28.64	N17 13.33	042 36.88	09.12	N22 44.47	06.05	56.53
12	132 52.74	315 41.24	N01 07.75	356 04.02	N17 43.33	009 58.85	N20 20.92	048 01.55	N22 05.37	358 28.70	N17 12.66	057 05.00	09.03	N22 50.52	05.94	56.56
13	147 55.21	330 41.36	N01 06.51	011 04.88	N17 42.87	025 00.74	N20 20.81	063 03.74	N22 05.38	013 28.76	N17 11.99	071 33.02	08.93	N22 56.46	05.82	56.59
14	162 57.67	345 41.49	N01 05.27	026 05.74	N17 42.41	040 02.63	N20 20.69	078 05.93	N22 05.39	028 28.81	N17 11.33	086 00.95	08.84	N23 02.28	05.70	56.63
15	178 00.14	000 41.62	N01 04.03	041 06.60	N17 41.95	055 04.52	N20 20.58	093 08.12	N22 05.40	043 28.87	N17 10.66	100 28.79	08.75	N23 07.99	05.58	56.66
16	193 02.60	015 41.74	N01 02.79	056 07.46	N17 41.48	070 06.41	N20 20.46	108 10.30	N22 05.41	058 28.93	N17 09.99	114 56.54	08.65	N23 13.57	05.46	56.70
17	208 05.07	030 41.87	N01 01.55	071 08.32	N17 41.02	085 08.30	N20 20.35	123 12.49	N22 05.42	073 28.98	N17 09.32	129 24.19	08.56	N23 19.03	05.34	56.73
18	223 07.53	045 42.00	N01 00.31	086 09.18	N17 40.56	100 10.18	N20 20.23	138 14.68	N22 05.42	088 29.04	N17 08.65	143 51.75	08.47	N23 24.37	05.22	56.76
19	238 09.99	060 42.13	N00 59.07	101 10.04	N17 40.10	115 12.07	N20 20.12	153 16.87	N22 05.43	103 29.10	N17 07.98	158 19.23	08.38	N23 29.59	05.09	56.80
20	253 12.46	075 42.25	N00 57.83	116 10.90	N17 39.63	130 13.96	N20 20.00	168 19.05	N22 05.44	118 29.16	N17 07.31	172 46.61	08.29	N23 34.68	04.97	56.83
21	268 14.92	090 42.38	N00 56.59	131 11.76	N17 39.17	145 15.85	N20 19.89	183 21.24	N22 05.45	133 29.22	N17 06.64	187 13.90	08.20	N23 39.65	04.84	56.87
22	283 17.39	105 42.51	N00 55.35	146 12.62	N17 38.71	160 17.74	N20 19.77	198 23.43	N22 05.46	148 29.28	N17 05.97	201 41.10	08.11	N23 44.49	04.71	56.90
23	298 19.85	120 42.64	N00 54.11	161 13.49	N17 38.24	175 19.63	N20 19.65	213 25.62	N22 05.47	163 29.34	N17 05.30	216 08.21	08.02	N23 49.21	04.59	56.94
		v 0.12	d 1.24	v 0.86	d 0.46	v 1.89	d 0.11	v 2.19	d 0.01	v 0.05	d 0.66	SD	15.20	15.41		
		HP 0.18		HP 0.05						SD 15.76	HP 0.14					

Monday August 05, 2002 through Tuesday August 06, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
05 00	313 22.31	135 42.77	N00 52.87	176 14.35	N17 37.78	190 21.52	N20 19.54	228 27.81	N22 05.47	178 29.40	N17 04.63	230 35.23	07.94	N23 53.79	04.46	56.97
01	328 24.78	150 42.90	N00 51.63	191 15.21	N17 37.32	205 23.40	N20 19.42	243 30.00	N22 05.48	193 29.46	N17 03.96	245 02.17	07.85	N23 58.25	04.32	57.01
02	343 27.24	165 43.03	N00 50.39	206 16.07	N17 36.85	220 25.29	N20 19.31	258 32.18	N22 05.49	208 29.52	N17 03.28	259 29.02	07.76	N24 02.57	04.19	57.04
03	358 29.71	180 43.17	N00 49.15	221 16.93	N17 36.39	235 27.18	N20 19.19	273 34.37	N22 05.50	223 29.58	N17 02.61	273 55.78	07.68	N24 06.76	04.06	57.08
04	013 32.17	195 43.30	N00 47.91	236 17.79	N17 35.92	250 29.07	N20 19.08	288 36.56	N22 05.51	238 29.64	N17 01.94	288 22.46	07.59	N24 10.82	03.92	57.11
05	028 34.64	210 43.43	N00 46.67	251 18.66	N17 35.46	265 30.96	N20 18.96	303 38.75	N22 05.51	253 29.70	N17 01.26	302 49.05	07.51	N24 14.74	03.79	57.15
06	043 37.10	225 43.56	N00 45.43	266 19.52	N17 34.99	280 32.85	N20 18.85	318 40.94	N22 05.52	268 29.76	N17 00.59	317 15.56	07.43	N24 18.53	03.65	57.18
07	058 39.56	240 43.70	N00 44.19	281 20.38	N17 34.53	295 34.74	N20 18.73	333 43.13	N22 05.53	283 29.82	N16 59.91	331 41.99	07.35	N24 22.18	03.51	57.22
08	073 42.03	255 43.83	N00 42.95	296 21.24	N17 34.06	310 36.63	N20 18.61	348 45.32	N22 05.54	298 29.88	N16 59.24	346 08.34	07.27	N24 25.70	03.37	57.25
09	088 44.49	270 43.97	N00 41.71	311 22.11	N17 33.60	325 38.52	N20 18.50	003 47.51	N22 05.55	313 29.94	N16 58.56	000 34.60	07.19	N24 29.07	03.23	57.29
10	103 46.96	285 44.10	N00 40.47	326 22.97	N17 33.13	340 40.41	N20 18.38	018 49.70	N22 05.56	328 30.00	N16 57.88	015 00.79	07.11	N24 32.30	03.09	57.32
11	118 49.42	300 44.24	N00 39.23	341 23.83	N17 32.66	355 42.29	N20 18.27	033 51.89	N22 05.56	343 30.07	N16 57.21	029 26.90	07.03	N24 35.40	02.95	57.36
12	133 51.89	315 44.37	N00 37.99	356 24.70	N17 32.20	010 44.18	N20 18.15	048 54.07	N22 05.57	358 30.13	N16 56.53	043 52.93	06.96	N24 38.35	02.81	57.39
13	148 54.35	330 44.51	N00 36.75	011 25.56	N17 31.73	025 46.07	N20 18.04	063 56.26	N22 05.58	013 30.19	N16 55.85	058 18.89	06.88	N24 41.16	02.66	57.43
14	163 56.81	345 44.64	N00 35.51	026 26.42	N17 31.27	040 47.96	N20 17.92	078 58.45	N22 05.59	028 30.25	N16 55.17	072 44.77	06.81	N24 43.82	02.52	57.47
15	178 59.28	000 44.78	N00 34.28	041 27.29	N17 30.80	055 49.85	N20 17.80	094 00.64	N22 05.60	043 30.32	N16 54.49	087 10.58	06.74	N24 46.34	02.37	57.50
16	194 01.74	015 44.92	N00 33.04	056 28.15	N17 30.33	070 51.74	N20 17.69	109 02.83	N22 05.60	058 30.38	N16 53.81	101 36.31	06.66	N24 48.71	02.23	57.54
17	209 04.21	030 45.06	N00 31.80	071 29.01	N17 29.87	085 53.63	N20 17.57	124 05.02	N22 05.61	073 30.45	N16 53.13	116 01.98	06.59	N24 50.94	02.08	57.57
18	224 06.67	045 45.20	N00 30.56	086 29.88	N17 29.40	100 55.52	N20 17.46	139 07.22	N22 05.62	088 30.51	N16 52.45	130 27.57	06.53	N24 53.02	01.93	57.61
19	239 09.13	060 45.34	N00 29.32	101 30.74	N17 28.93	115 57.41	N20 17.34	154 09.41	N22 05.63	103 30.57	N16 51.77	144 53.10	06.46	N24 54.95	01.78	57.64
20	254 11.60	075 45.48	N00 28.08	116 31.61	N17 28.46	130 59.30	N20 17.22	169 11.60	N22 05.64	118 30.64	N16 51.09	159 18.56	06.39	N24 56.72	01.63	57.68
21	269 14.06	090 45.62	N00 26.84	131 32.47	N17 27.99	146 01.19	N20 17.11	184 13.79	N22 05.64	133 30.70	N16 50.41	173 43.95	06.33	N24 58.35	01.48	57.71
22	284 16.53	105 45.76	N00 25.60	146 33.34	N17 27.53	161 03.08	N20 16.99	199 15.98	N22 05.65	148 30.77	N16 49.73	188 09.28	06.27	N24 59.83	01.32	57.75
23	299 18.99	120 45.90	N00 24.36	161 34.20	N17 27.06	176 04.97	N20 16.88	214 18.17	N22 05.66	163 30.83	N16 49.04	202 34.55	06.21	N25 01.15	01.17	57.79
06 00	314 21.46	135 46.04	N00 23.12	176 35.06	N17 26.59	191 06.86	N20 16.76	229 20.36	N22 05.67	178 30.90	N16 48.36	216 59.76	06.15	N25 02.33	01.02	57.82
01	329 23.92	150 46.18	N00 21.88	191 35.93	N17 26.12	206 08.75	N20 16.64	244 22.55	N22 05.68	193 30.96	N16 47.68	231 24.90	06.09	N25 03.34	00.86	57.86
02	344 26.38	165 46.32	N00 20.64	206 36.80	N17 25.65	221 10.64	N20 16.53	259 24.74	N22 05.68	208 31.03	N16 46.99	245 49.99	06.03	N25 04.21	00.71	57.89
03	359 28.85	180 46.47	N00 19.40	221 37.66	N17 25.18	236 12.53	N20 16.41	274 26.93	N22 05.69	223 31.10	N16 46.31	260 15.02	05.98	N25 04.91	00.55	57.93
04	014 31.31	195 46.61	N00 18.16	236 38.53	N17 24.71	251 14.42	N20 16.30	289 29.12	N22 05.70	238 31.16	N16 45.62	274 40.00	05.92	N25 05.46	00.39	57.96
05	029 33.78	210 46.75	N00 16.92	251 39.39	N17 24.24	266 16.31	N20 16.18	304 31.32	N22 05.71	253 31.23	N16 44.94	289 04.93	05.87	N25 05.86	00.24	58.00
06	044 36.24	225 46.90	N00 15.68	266 40.26	N17 23.77	281 18.20	N20 16.06	319 33.51	N22 05.72	268 31.30	N16 44.25	303 29.80	05.82	N25 06.09	00.08	58.03
07	059 38.70	240 47.04	N00 14.44	281 41.12	N17 23.30	296 20.09	N20 15.95	334 35.70	N22 05.72	283 31.36	N16 43.56	317 54.62	05.78	N25 06.17	00.08	58.07
08	074 41.17	255 47.19	N00 13.20	296 41.99	N17 22.83	311 21.98	N20 15.83	349 37.89	N22 05.73	298 31.43	N16 42.88	332 19.40	05.73	N25 06.09	00.24	58.10
09	089 43.63	270 47.33	N00 11.96	311 42.86	N17 22.36	326 23.87	N20 15.72	004 40.08	N22 05.74	313 31.50	N16 42.19	346 44.13	05.68	N25 05.85	00.40	58.14
10	104 46.10	285 47.48	N00 10.72	326 43.72	N17 21.89	341 25.76	N20 15.60	019 42.28	N22 05.75	328 31.57	N16 41.50	001 08.81	05.64	N25 05.45	00.56	58.17
11	119 48.56	300 47.63	N00 09.48	341 44.59	N17 21.42	356 27.65	N20 15.48	034 44.47	N22 05.76	343 31.64	N16 40.81	015 33.45	05.60	N25 04.89	00.72	58.21
12	134 51.03	315 47.77	N00 08.24	356 45.46	N17 20.95	011 29.54	N20 15.37	049 46.66	N22 05.76	358 31.71	N16 40.12	029 58.05	05.56	N25 04.17	00.88	58.24
13	149 53.49	330 47.92	N00 07.00	011 46.32	N17 20.48	026 31.43	N20 15.25	064 48.85	N22 05.77	013 31.77	N16 39.43	044 22.62	05.52	N25 03.29	01.05	58.28
14	164 55.95	345 48.07	N00 05.76	026 47.19	N17 20.01	041 33.32	N20 15.13	079 51.04	N22 05.78	028 31.84	N16 38.74	058 47.14	05.49	N25 02.24	01.21	58.31
15	179 58.42	000 48.22	N00 04.52	041 48.06	N17 19.54	056 35.22	N20 15.02	094 53.24	N22 05.79	043 31.91	N16 38.05	073 11.63	05.45	N25 01.03	01.37	58.35
16	195 00.88	015 48.37	N00 03.28	056 48.92	N17 19.07	071 37.11	N20 14.90	109 55.43	N22 05.79	058 31.98	N16 37.36	087 36.08	05.42	N24 59.66	01.53	58.38
17	210 03.35	030 48.52	N00 02.04	071 49.79	N17 18.59	086 39.00	N20 14.78	124 57.62	N22 05.80	073 32.05	N16 36.67	102 00.50	05.39	N24 58.13	01.70	58.41
18	225 05.81	045 48.67	N00 00.80	086 50.66	N17 18.12	101 40.89	N20 14.67	139 59.82	N22 05.81	088 32.12	N16 35.98	116 24.90	05.36	N24 56.43	01.86	58.45
19	240 08.28	060 48.82	S00 00.44	101 51.53	N17 17.65	116 42.78	N20 14.55	155 02.01	N22 05.82	103 32.19	N16 35.29	130 49.26	05.34	N24 54.57	02.03	58.48
20	255 10.74	075 48.97	S00 01.68	116 52.39	N17 17.18	131 44.67	N20 14.44	170 04.20	N22 05.83	118 32.26	N16 34.59	145 13.60	05.31	N24 52.55	02.19	58.52
21	270 13.20	090 49.12	S00 02.92	131 53.26	N17 16.70	146 46.56	N20 14.32	185 06.40	N22 05.83	133 32.33	N16 33.90	159 37.91	05.29	N24 50.36	02.35	58.55
22	285 15.67	105 49.27	S00 04.16	146 54.13	N17 16.23	161 48.45	N20 14.20	200 08.59	N22 05.84	148 32.41	N16 33.21	174 02.20	05.27	N24 48.00	02.52	58.58
23	300 18.13	120 49.42	S00 05.40	161 55.00	N17 15.76	176 50.34	N20 14.09	215 10.78	N22 05.85	163 32.48	N16 32.51	188 26.47	05.25	N24 45.48	02.68	58.62
		v 0.14	d 1.24	v 0.87	d 0.47	v 1.89	d 0.12	v 2.19	d 0.01	v 0.07	d 0.68	SD	15.63	15.87		
		HP 0.18		HP 0.05						SD 15.77	HP 0.14					

Wednesday August 07, 2002 through Thursday August 08, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
07 00	315 20.60	135 49.57	S00 06.64	176 55.87	N17 15.28	191 52.23	N20 13.97	230 12.98	N22 05.86	178 32.55	N16 31.82	202 50.72	05.23	N24 42.80	02.85	58.65
01	330 23.06	150 49.73	S00 07.88	191 56.74	N17 14.81	206 54.12	N20 13.85	245 15.17	N22 05.86	193 32.62	N16 31.12	217 14.96	05.22	N24 39.95	03.01	58.68
02	345 25.52	165 49.88	S00 09.12	206 57.60	N17 14.34	221 56.02	N20 13.74	260 17.36	N22 05.87	208 32.69	N16 30.43	231 39.17	05.21	N24 36.94	03.18	58.71
03	000 27.99	180 50.04	S00 10.36	221 58.47	N17 13.86	236 57.91	N20 13.62	275 19.56	N22 05.88	223 32.76	N16 29.73	246 03.38	05.19	N24 33.76	03.34	58.75
04	015 30.45	195 50.19	S00 11.59	236 59.34	N17 13.39	251 59.80	N20 13.50	290 21.75	N22 05.89	238 32.84	N16 29.04	260 27.58	05.19	N24 30.41	03.51	58.78
05	030 32.92	210 50.35	S00 12.83	252 00.21	N17 12.92	267 01.69	N20 13.39	305 23.95	N22 05.89	253 32.91	N16 28.34	274 51.76	05.18	N24 26.90	03.67	58.81
06	045 35.38	225 50.50	S00 14.07	267 01.08	N17 12.44	282 03.58	N20 13.27	320 26.14	N22 05.90	268 32.98	N16 27.64	289 15.94	05.17	N24 23.23	03.84	58.84
07	060 37.85	240 50.66	S00 15.31	282 01.95	N17 11.97	297 05.47	N20 13.15	335 28.34	N22 05.91	283 33.06	N16 26.94	303 40.11	05.17	N24 19.39	04.00	58.88
08	075 40.31	255 50.81	S00 16.55	297 02.82	N17 11.49	312 07.36	N20 13.04	350 30.53	N22 05.92	298 33.13	N16 26.25	318 04.28	05.17	N24 15.38	04.17	58.91
09	090 42.77	270 50.97	S00 17.79	312 03.69	N17 11.02	327 09.26	N20 12.92	005 32.73	N22 05.92	313 33.20	N16 25.55	332 28.45	05.17	N24 11.22	04.33	58.94
10	105 45.24	285 51.13	S00 19.03	327 04.56	N17 10.54	342 11.15	N20 12.80	020 34.92	N22 05.93	328 33.28	N16 24.85	346 52.61	05.17	N24 06.88	04.50	58.97
11	120 47.70	300 51.29	S00 20.27	342 05.43	N17 10.07	357 13.04	N20 12.69	035 37.11	N22 05.94	343 33.35	N16 24.15	001 16.78	05.17	N24 02.38	04.66	59.00
12	135 50.17	315 51.44	S00 21.51	357 06.30	N17 09.59	012 14.93	N20 12.57	050 39.31	N22 05.95	358 33.43	N16 23.45	015 40.95	05.18	N23 57.72	04.83	59.03
13	150 52.63	330 51.60	S00 22.75	012 07.17	N17 09.11	027 16.82	N20 12.45	065 41.51	N22 05.95	013 33.50	N16 22.75	030 05.13	05.19	N23 52.90	04.99	59.06
14	165 55.09	345 51.76	S00 23.99	027 08.04	N17 08.64	042 18.72	N20 12.34	080 43.70	N22 05.96	028 33.58	N16 22.05	044 29.32	05.19	N23 47.91	05.15	59.09
15	180 57.56	000 51.92	S00 25.23	042 08.91	N17 08.16	057 20.61	N20 12.22	095 45.90	N22 05.97	043 33.65	N16 21.34	058 53.51	05.21	N23 42.75	05.32	59.12
16	196 00.02	015 52.08	S00 26.47	057 09.78	N17 07.69	072 22.50	N20 12.10	110 48.09	N22 05.98	058 33.73	N16 20.64	073 17.72	05.22	N23 37.44	05.48	59.15
17	211 02.49	030 52.24	S00 27.70	072 10.65	N17 07.21	087 24.39	N20 11.99	125 50.29	N22 05.98	073 33.81	N16 19.94	087 41.93	05.23	N23 31.96	05.64	59.18
18	226 04.95	045 52.40	S00 28.94	087 11.52	N17 06.73	102 26.28	N20 11.87	140 52.48	N22 05.99	088 33.88	N16 19.24	102 06.17	05.25	N23 26.32	05.80	59.21
19	241 07.42	060 52.56	S00 30.18	102 12.40	N17 06.25	117 28.18	N20 11.75	155 54.68	N22 06.00	103 33.96	N16 18.53	116 30.41	05.27	N23 20.52	05.96	59.24
20	256 09.88	075 52.73	S00 31.42	117 13.27	N17 05.78	132 30.07	N20 11.64	170 56.87	N22 06.01	118 34.03	N16 17.83	130 54.68	05.29	N23 14.56	06.12	59.27
21	271 12.34	090 52.89	S00 32.66	132 14.14	N17 05.30	147 31.96	N20 11.52	185 59.07	N22 06.01	133 34.11	N16 17.13	145 18.97	05.31	N23 08.44	06.28	59.30
22	286 14.81	105 53.05	S00 33.90	147 15.01	N17 04.82	162 33.85	N20 11.40	201 01.27	N22 06.02	148 34.19	N16 16.42	159 43.27	05.33	N23 02.16	06.44	59.33
23	301 17.27	120 53.22	S00 35.14	162 15.88	N17 04.35	177 35.75	N20 11.28	216 03.46	N22 06.03	163 34.27	N16 15.72	174 07.60	05.35	N22 55.72	06.60	59.36
08 00	316 19.74	135 53.38	S00 36.38	177 16.75	N17 03.87	192 37.64	N20 11.17	231 05.66	N22 06.04	178 34.34	N16 15.01	188 31.95	05.38	N22 49.12	06.76	59.38
01	331 22.20	150 53.54	S00 37.61	192 17.63	N17 03.39	207 39.53	N20 11.05	246 07.86	N22 06.04	193 34.42	N16 14.30	202 56.33	05.41	N22 42.36	06.91	59.41
02	346 24.66	165 53.71	S00 38.85	207 18.50	N17 02.91	222 41.42	N20 10.93	261 10.05	N22 06.05	208 34.50	N16 13.60	217 20.74	05.43	N22 35.45	07.07	59.44
03	001 27.13	180 53.87	S00 40.09	222 19.37	N17 02.43	237 43.32	N20 10.82	276 12.25	N22 06.06	223 34.58	N16 12.89	231 45.17	05.47	N22 28.38	07.23	59.46
04	016 29.59	195 54.04	S00 41.33	237 20.24	N17 01.95	252 45.21	N20 10.70	291 14.45	N22 06.06	238 34.66	N16 12.18	246 09.64	05.50	N22 21.15	07.38	59.49
05	031 32.06	210 54.21	S00 42.57	252 21.12	N17 01.47	267 47.10	N20 10.58	306 16.64	N22 06.07	253 34.74	N16 11.48	260 34.14	05.53	N22 13.77	07.53	59.52
06	046 34.52	225 54.37	S00 43.81	267 21.99	N17 01.00	282 48.99	N20 10.46	321 18.84	N22 06.08	268 34.82	N16 10.77	274 58.67	05.56	N22 06.24	07.69	59.54
07	061 36.99	240 54.54	S00 45.05	282 22.86	N17 00.52	297 50.89	N20 10.35	336 21.04	N22 06.09	283 34.90	N16 10.06	289 23.23	05.60	N21 58.55	07.84	59.57
08	076 39.45	255 54.71	S00 46.28	297 23.73	N17 00.04	312 52.78	N20 10.23	351 23.24	N22 06.09	298 34.98	N16 09.35	303 47.83	05.64	N21 50.71	07.99	59.59
09	091 41.91	270 54.87	S00 47.52	312 24.61	N16 59.56	327 54.67	N20 10.11	006 25.43	N22 06.10	313 35.06	N16 08.64	318 12.47	05.68	N21 42.72	08.14	59.62
10	106 44.38	285 55.04	S00 48.76	327 25.48	N16 59.08	342 56.57	N20 10.00	021 27.63	N22 06.11	328 35.14	N16 07.93	332 37.15	05.72	N21 34.59	08.29	59.64
11	121 46.84	300 55.21	S00 50.00	342 26.35	N16 58.60	357 58.46	N20 09.88	036 29.83	N22 06.12	343 35.22	N16 07.22	347 01.86	05.76	N21 26.30	08.44	59.67
12	136 49.31	315 55.38	S00 51.24	357 27.23	N16 58.12	013 00.35	N20 09.76	051 32.03	N22 06.12	358 35.30	N16 06.51	001 26.62	05.80	N21 17.86	08.58	59.69
13	151 51.77	330 55.55	S00 52.48	012 28.10	N16 57.64	028 02.24	N20 09.64	066 34.23	N22 06.13	013 35.38	N16 05.80	015 51.42	05.84	N21 09.27	08.73	59.72
14	166 54.23	345 55.72	S00 53.71	027 28.98	N16 57.16	043 04.14	N20 09.53	081 36.42	N22 06.14	028 35.46	N16 05.08	030 16.26	05.89	N21 00.54	08.88	59.74
15	181 56.70	000 55.89	S00 54.95	042 29.85	N16 56.67	058 06.03	N20 09.41	096 38.62	N22 06.14	043 35.54	N16 04.37	044 41.15	05.93	N20 51.67	09.02	59.76
16	196 59.16	015 56.06	S00 56.19	057 30.72	N16 56.19	073 07.92	N20 09.29	111 40.82	N22 06.15	058 35.62	N16 03.66	059 06.08	05.98	N20 42.65	09.16	59.78
17	212 01.63	030 56.24	S00 57.43	072 31.60	N16 55.71	088 09.82	N20 09.18	126 43.02	N22 06.16	073 35.70	N16 02.95	073 31.06	06.03	N20 33.49	09.30	59.81
18	227 04.09	045 56.41	S00 58.66	087 32.47	N16 55.23	103 11.71	N20 09.06	141 45.22	N22 06.17	088 35.79	N16 02.23	087 56.09	06.08	N20 24.19	09.44	59.83
19	242 06.56	060 56.58	S00 59.90	102 33.35	N16 54.75	118 13.60	N20 08.94	156 47.42	N22 06.17	103 35.87	N16 01.52	102 21.16	06.12	N20 14.74	09.58	59.85
20	257 09.02	075 56.75	S01 01.14	117 34.22	N16 54.27	133 15.50	N20 08.82	171 49.61	N22 06.18	118 35.95	N16 00.80	116 46.29	06.18	N20 05.16	09.72	59.87
21	272 11.48	090 56.93	S01 02.38	132 35.10	N16 53.79	148 17.39	N20 08.71	186 51.81	N22 06.19	133 36.04	N16 00.09	131 11.46	06.23	N19 55.44	09.86	59.89
22	287 13.95	105 57.10	S01 03.62	147 35.97	N16 53.30	163 19.29	N20 08.59	201 54.01	N22 06.19	148 36.12	N15 59.37	145 36.69	06.28	N19 45.58	09.99	59.91
23	302 16.41	120 57.28	S01 04.85	162 36.85	N16 52.82	178 21.18	N20 08.47	216 56.21	N22 06.20	163 36.20	N15 58.66	160 01.97	06.33	N19 35.59	10.13	59.93
		v 0.16	d 1.24	v 0.87	d 0.48	v 1.89	d 0.12	v 2.20	d 0.01	v 0.08	d 0.71	SD	16.08	16.26		
		HP 0.18		HP 0.05						SD 15.77	HP 0.14					

Friday August 09, 2002 through Saturday August 10, 2002

UT	ARIES	VENUS	MARS	JUPITER	SATURN	SUN	MOON				
	GHA	GHA Dec	GHA Dec	GHA Dec	GHA Dec	GHA Dec	GHA	v	Dec	d	HP
d h	° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′ ° ′	° ′	′	° ′	′	′
09 00	317 18.88	135 57.45 S01 06.09	177 37.72 N16 52.34	193 23.07 N20 08.35	231 58.41 N22 06.21	178 36.29 N15 57.94	174 27.30	06.39	N19 25.46	10.26	59.95
01	332 21.34	150 57.63 S01 07.33	192 38.60 N16 51.86	208 24.97 N20 08.24	247 00.61 N22 06.21	193 36.37 N15 57.22	188 52.68	06.44	N19 15.20	10.39	59.97
02	347 23.80	165 57.80 S01 08.57	207 39.47 N16 51.37	223 26.86 N20 08.12	262 02.81 N22 06.22	208 36.45 N15 56.51	203 18.12	06.49	N19 04.81	10.52	59.99
03	002 26.27	180 57.98 S01 09.80	222 40.35 N16 50.89	238 28.76 N20 08.00	277 05.01 N22 06.23	223 36.54 N15 55.79	217 43.62	06.55	N18 54.30	10.65	60.01
04	017 28.73	195 58.16 S01 11.04	237 41.23 N16 50.41	253 30.65 N20 07.88	292 07.21 N22 06.24	238 36.62 N15 55.07	232 09.17	06.61	N18 43.65	10.78	60.03
05	032 31.20	210 58.33 S01 12.28	252 42.10 N16 49.92	268 32.54 N20 07.77	307 09.41 N22 06.24	253 36.71 N15 54.35	246 34.78	06.66	N18 32.87	10.90	60.04
06	047 33.66	225 58.51 S01 13.51	267 42.98 N16 49.44	283 34.44 N20 07.65	322 11.61 N22 06.25	268 36.79 N15 53.63	261 00.44	06.72	N18 21.97	11.03	60.06
07	062 36.12	240 58.69 S01 14.75	282 43.86 N16 48.95	298 36.33 N20 07.53	337 13.81 N22 06.26	283 36.88 N15 52.91	275 26.16	06.78	N18 10.95	11.15	60.08
08	077 38.59	255 58.87 S01 15.99	297 44.73 N16 48.47	313 38.23 N20 07.41	352 16.01 N22 06.26	298 36.97 N15 52.19	289 51.94	06.84	N17 59.80	11.27	60.10
09	092 41.05	270 59.05 S01 17.22	312 45.61 N16 47.99	328 40.12 N20 07.30	007 18.21 N22 06.27	313 37.05 N15 51.47	304 17.77	06.90	N17 48.53	11.39	60.11
10	107 43.52	285 59.23 S01 18.46	327 46.49 N16 47.50	343 42.01 N20 07.18	022 20.41 N22 06.28	328 37.14 N15 50.75	318 43.67	06.95	N17 37.14	11.51	60.13
11	122 45.98	300 59.41 S01 19.70	342 47.36 N16 47.02	358 43.91 N20 07.06	037 22.61 N22 06.28	343 37.23 N15 50.03	333 09.62	07.01	N17 25.63	11.62	60.14
12	137 48.45	315 59.59 S01 20.94	357 48.24 N16 46.53	013 45.80 N20 06.94	052 24.81 N22 06.29	358 37.31 N15 49.31	347 35.64	07.07	N17 14.01	11.74	60.16
13	152 50.91	330 59.77 S01 22.17	012 49.12 N16 46.05	028 47.70 N20 06.82	067 27.01 N22 06.30	013 37.40 N15 48.59	002 01.71	07.13	N17 02.27	11.85	60.17
14	167 53.37	345 59.95 S01 23.41	027 49.99 N16 45.56	043 49.59 N20 06.71	082 29.21 N22 06.30	028 37.49 N15 47.86	016 27.84	07.19	N16 50.42	11.96	60.19
15	182 55.84	001 00.13 S01 24.64	042 50.87 N16 45.08	058 51.49 N20 06.59	097 31.42 N22 06.31	043 37.57 N15 47.14	030 54.04	07.25	N16 38.45	12.07	60.20
16	197 58.30	016 00.31 S01 25.88	057 51.75 N16 44.59	073 53.38 N20 06.47	112 33.62 N22 06.32	058 37.66 N15 46.42	045 20.29	07.31	N16 26.38	12.18	60.21
17	213 00.77	031 00.50 S01 27.12	072 52.63 N16 44.11	088 55.28 N20 06.35	127 35.82 N22 06.32	073 37.75 N15 45.69	059 46.60	07.37	N16 14.20	12.29	60.23
18	228 03.23	046 00.68 S01 28.35	087 53.51 N16 43.62	103 57.17 N20 06.24	142 38.02 N22 06.33	088 37.84 N15 44.97	074 12.98	07.44	N16 01.91	12.40	60.24
19	243 05.69	061 00.86 S01 29.59	102 54.38 N16 43.13	118 59.07 N20 06.12	157 40.22 N22 06.34	103 37.93 N15 44.24	088 39.41	07.50	N15 49.51	12.50	60.25
20	258 08.16	076 01.05 S01 30.83	117 55.26 N16 42.65	134 00.96 N20 06.00	172 42.42 N22 06.34	118 38.02 N15 43.52	103 05.91	07.56	N15 37.01	12.60	60.26
21	273 10.62	091 01.23 S01 32.06	132 56.14 N16 42.16	149 02.86 N20 05.88	187 44.62 N22 06.35	133 38.11 N15 42.79	117 32.47	07.62	N15 24.41	12.70	60.27
22	288 13.09	106 01.42 S01 33.30	147 57.02 N16 41.67	164 04.75 N20 05.76	202 46.83 N22 06.36	148 38.20 N15 42.07	131 59.08	07.68	N15 11.71	12.80	60.28
23	303 15.55	121 01.60 S01 34.53	162 57.90 N16 41.19	179 06.65 N20 05.65	217 49.03 N22 06.37	163 38.28 N15 41.34	146 25.76	07.74	N14 58.91	12.90	60.29
10 00	318 18.01	136 01.79 S01 35.77	177 58.78 N16 40.70	194 08.54 N20 05.53	232 51.23 N22 06.37	178 38.37 N15 40.61	160 52.50	07.80	N14 46.01	12.99	60.30
01	333 20.48	151 01.98 S01 37.01	192 59.66 N16 40.21	209 10.44 N20 05.41	247 53.43 N22 06.38	193 38.47 N15 39.89	175 19.30	07.86	N14 33.02	13.09	60.31
02	348 22.94	166 02.16 S01 38.24	208 00.53 N16 39.72	224 12.33 N20 05.29	262 55.64 N22 06.39	208 38.56 N15 39.16	189 46.16	07.92	N14 19.93	13.18	60.32
03	003 25.41	181 02.35 S01 39.48	223 01.41 N16 39.24	239 14.23 N20 05.17	277 57.84 N22 06.39	223 38.65 N15 38.43	204 13.08	07.98	N14 06.75	13.27	60.33
04	018 27.87	196 02.54 S01 40.71	238 02.29 N16 38.75	254 16.12 N20 05.06	293 00.04 N22 06.40	238 38.74 N15 37.70	218 40.06	08.04	N13 53.48	13.36	60.34
05	033 30.34	211 02.73 S01 41.95	253 03.17 N16 38.26	269 18.02 N20 04.94	308 02.24 N22 06.41	253 38.83 N15 36.97	233 07.11	08.10	N13 40.12	13.45	60.35
06	048 32.80	226 02.92 S01 43.18	268 04.05 N16 37.77	284 19.92 N20 04.82	323 04.45 N22 06.41	268 38.92 N15 36.24	247 34.21	08.16	N13 26.67	13.53	60.35
07	063 35.26	241 03.11 S01 44.42	283 04.93 N16 37.28	299 21.81 N20 04.70	338 06.65 N22 06.42	283 39.01 N15 35.51	262 01.37	08.22	N13 13.14	13.61	60.36
08	078 37.73	256 03.30 S01 45.65	298 05.81 N16 36.80	314 23.71 N20 04.58	353 08.85 N22 06.42	298 39.10 N15 34.78	276 28.58	08.28	N12 59.53	13.70	60.37
09	093 40.19	271 03.49 S01 46.89	313 06.69 N16 36.31	329 25.60 N20 04.47	008 11.06 N22 06.43	313 39.20 N15 34.05	290 55.86	08.34	N12 45.83	13.78	60.37
10	108 42.66	286 03.68 S01 48.12	328 07.57 N16 35.82	344 27.50 N20 04.35	023 13.26 N22 06.44	328 39.29 N15 33.32	305 23.20	08.39	N12 32.06	13.85	60.38
11	123 45.12	301 03.87 S01 49.36	343 08.45 N16 35.33	359 29.39 N20 04.23	038 15.46 N22 06.44	343 39.38 N15 32.59	319 50.59	08.45	N12 18.20	13.93	60.39
12	138 47.58	316 04.06 S01 50.59	358 09.33 N16 34.84	014 31.29 N20 04.11	053 17.67 N22 06.45	358 39.47 N15 31.86	334 18.04	08.51	N12 04.27	14.00	60.39
13	153 50.05	331 04.25 S01 51.83	013 10.22 N16 34.35	029 33.19 N20 03.99	068 19.87 N22 06.46	013 39.57 N15 31.12	348 45.55	08.57	N11 50.27	14.08	60.39
14	168 52.51	346 04.45 S01 53.06	028 11.10 N16 33.86	044 35.08 N20 03.88	083 22.08 N22 06.46	028 39.66 N15 30.39	003 13.12	08.62	N11 36.19	14.15	60.40
15	183 54.98	001 04.64 S01 54.30	043 11.98 N16 33.37	059 36.98 N20 03.76	098 24.28 N22 06.47	043 39.75 N15 29.66	017 40.74	08.68	N11 22.04	14.22	60.40
16	198 57.44	016 04.83 S01 55.53	058 12.86 N16 32.88	074 38.88 N20 03.64	113 26.48 N22 06.48	058 39.85 N15 28.92	032 08.41	08.73	N11 07.82	14.29	60.41
17	213 59.90	031 05.03 S01 56.77	073 13.74 N16 32.39	089 40.77 N20 03.52	128 28.69 N22 06.48	073 39.94 N15 28.19	046 36.15	08.79	N10 53.54	14.35	60.41
18	229 02.37	046 05.22 S01 58.00	088 14.62 N16 31.90	104 42.67 N20 03.40	143 30.89 N22 06.49	088 40.04 N15 27.45	061 03.93	08.84	N10 39.19	14.42	60.41
19	244 04.83	061 05.42 S01 59.23	103 15.50 N16 31.41	119 44.56 N20 03.28	158 33.10 N22 06.50	103 40.13 N15 26.72	075 31.77	08.89	N10 24.77	14.48	60.41
20	259 07.30	076 05.61 S02 00.47	118 16.38 N16 30.92	134 46.46 N20 03.17	173 35.30 N22 06.50	118 40.23 N15 25.98	089 59.67	08.95	N10 10.29	14.54	60.41
21	274 09.76	091 05.81 S02 01.70	133 17.27 N16 30.43	149 48.36 N20 03.05	188 37.51 N22 06.51	133 40.32 N15 25.25	104 27.61	09.00	N09 55.75	14.60	60.41
22	289 12.22	106 06.00 S02 02.94	148 18.15 N16 29.94	164 50.25 N20 02.93	203 39.71 N22 06.52	148 40.42 N15 24.51	118 55.61	09.05	N09 41.16	14.65	60.42
23	304 14.69	121 06.20 S02 04.17	163 19.03 N16 29.44	179 52.15 N20 02.81	218 41.92 N22 06.52	163 40.51 N15 23.77	133 23.66	09.10	N09 26.50	14.71	60.42
		v 0.19 d 1.24	v 0.88 d 0.49	v 1.90 d 0.12	v 2.20 d 0.01	v 0.09 d 0.73	SD	16.39	16.45		
		HP 0.19	HP 0.05			SD 15.78 HP 0.14					

Sunday August 11, 2002 through Monday August 12, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
11 00	319 17.15	136 06.40	S02 05.40	178 19.91	N16 28.95	194 54.05	N20 02.69	233 44.12	N22 06.53	178 40.61	N15 23.04	147 51.76	09.15	N09 11.79	14.76	60.42
01	334 19.62	151 06.60	S02 06.64	193 20.80	N16 28.46	209 55.94	N20 02.57	248 46.33	N22 06.53	193 40.71	N15 22.30	162 19.92	09.20	N08 57.03	14.81	60.41
02	349 22.08	166 06.79	S02 07.87	208 21.68	N16 27.97	224 57.84	N20 02.46	263 48.53	N22 06.54	208 40.80	N15 21.56	176 48.12	09.25	N08 42.21	14.86	60.41
03	004 24.54	181 06.99	S02 09.10	223 22.56	N16 27.48	239 59.74	N20 02.34	278 50.74	N22 06.55	223 40.90	N15 20.82	191 16.37	09.30	N08 27.35	14.91	60.41
04	019 27.01	196 07.19	S02 10.34	238 23.44	N16 26.98	255 01.63	N20 02.22	293 52.94	N22 06.55	238 41.00	N15 20.08	205 44.66	09.34	N08 12.44	14.96	60.41
05	034 29.47	211 07.39	S02 11.57	253 24.33	N16 26.49	270 03.53	N20 02.10	308 55.15	N22 06.56	253 41.09	N15 19.34	220 13.01	09.39	N07 57.48	15.00	60.41
06	049 31.94	226 07.59	S02 12.80	268 25.21	N16 26.00	285 05.43	N20 01.98	323 57.35	N22 06.57	268 41.19	N15 18.60	234 41.40	09.44	N07 42.47	15.05	60.41
07	064 34.40	241 07.79	S02 14.04	283 26.09	N16 25.51	300 07.33	N20 01.86	338 59.56	N22 06.57	283 41.29	N15 17.86	249 09.83	09.48	N07 27.43	15.09	60.40
08	079 36.86	256 07.99	S02 15.27	298 26.98	N16 25.01	315 09.22	N20 01.75	354 01.77	N22 06.58	298 41.39	N15 17.12	263 38.31	09.52	N07 12.34	15.13	60.40
09	094 39.33	271 08.20	S02 16.50	313 27.86	N16 24.52	330 11.12	N20 01.63	009 03.97	N22 06.58	313 41.48	N15 16.38	278 06.84	09.57	N06 57.21	15.16	60.40
10	109 41.79	286 08.40	S02 17.73	328 28.75	N16 24.03	345 13.02	N20 01.51	024 06.18	N22 06.59	328 41.58	N15 15.64	292 35.41	09.61	N06 42.05	15.20	60.39
11	124 44.26	301 08.60	S02 18.97	343 29.63	N16 23.53	000 14.92	N20 01.39	039 08.39	N22 06.60	343 41.68	N15 14.90	307 04.02	09.65	N06 26.85	15.23	60.39
12	139 46.72	316 08.80	S02 20.20	358 30.51	N16 23.04	015 16.81	N20 01.27	054 10.59	N22 06.60	358 41.78	N15 14.15	321 32.67	09.69	N06 11.61	15.27	60.38
13	154 49.19	331 09.01	S02 21.43	013 31.40	N16 22.55	030 18.71	N20 01.15	069 12.80	N22 06.61	013 41.88	N15 13.41	336 01.36	09.73	N05 56.35	15.30	60.38
14	169 51.65	346 09.21	S02 22.66	028 32.28	N16 22.05	045 20.61	N20 01.03	084 15.01	N22 06.62	028 41.98	N15 12.67	350 30.09	09.77	N05 41.05	15.33	60.37
15	184 54.11	001 09.42	S02 23.90	043 33.17	N16 21.56	060 22.51	N20 00.92	099 17.21	N22 06.62	043 42.08	N15 11.93	004 58.86	09.81	N05 25.72	15.35	60.36
16	199 56.58	016 09.62	S02 25.13	058 34.05	N16 21.06	075 24.40	N20 00.80	114 19.42	N22 06.63	058 42.18	N15 11.18	019 27.67	09.85	N05 10.37	15.38	60.36
17	214 59.04	031 09.83	S02 26.36	073 34.94	N16 20.57	090 26.30	N20 00.68	129 21.63	N22 06.63	073 42.28	N15 10.44	033 56.52	09.88	N04 54.99	15.40	60.35
18	230 01.51	046 10.03	S02 27.59	088 35.82	N16 20.07	105 28.20	N20 00.56	144 23.84	N22 06.64	088 42.38	N15 09.69	048 25.40	09.92	N04 39.59	15.43	60.34
19	245 03.97	061 10.24	S02 28.82	103 36.71	N16 19.58	120 30.10	N20 00.44	159 26.04	N22 06.65	103 42.48	N15 08.95	062 54.31	09.95	N04 24.16	15.45	60.34
20	260 06.43	076 10.44	S02 30.06	118 37.59	N16 19.08	135 32.00	N20 00.32	174 28.25	N22 06.65	118 42.58	N15 08.20	077 23.26	09.98	N04 08.71	15.46	60.33
21	275 08.90	091 10.65	S02 31.29	133 38.48	N16 18.59	150 33.89	N20 00.20	189 30.46	N22 06.66	133 42.68	N15 07.45	091 52.25	10.02	N03 53.25	15.48	60.32
22	290 11.36	106 10.86	S02 32.52	148 39.36	N16 18.09	165 35.79	N20 00.08	204 32.67	N22 06.66	148 42.79	N15 06.71	106 21.26	10.05	N03 37.77	15.50	60.31
23	305 13.83	121 11.07	S02 33.75	163 40.25	N16 17.60	180 37.69	N19 59.97	219 34.87	N22 06.67	163 42.89	N15 05.96	120 50.31	10.08	N03 22.27	15.51	60.30
12 00	320 16.29	136 11.28	S02 34.98	178 41.13	N16 17.10	195 39.59	N19 59.85	234 37.08	N22 06.68	178 42.99	N15 05.21	135 19.39	10.11	N03 06.76	15.52	60.29
01	335 18.75	151 11.49	S02 36.21	193 42.02	N16 16.60	210 41.49	N19 59.73	249 39.29	N22 06.68	193 43.09	N15 04.46	149 48.49	10.13	N02 51.24	15.53	60.28
02	350 21.22	166 11.70	S02 37.44	208 42.91	N16 16.11	225 43.38	N19 59.61	264 41.50	N22 06.69	208 43.19	N15 03.72	164 17.63	10.16	N02 35.71	15.54	60.27
03	005 23.68	181 11.91	S02 38.67	223 43.79	N16 15.61	240 45.28	N19 59.49	279 43.71	N22 06.69	223 43.30	N15 02.97	178 46.79	10.19	N02 20.17	15.55	60.26
04	020 26.15	196 12.12	S02 39.90	238 44.68	N16 15.11	255 47.18	N19 59.37	294 45.92	N22 06.70	238 43.40	N15 02.22	193 15.98	10.21	N02 04.62	15.55	60.25
05	035 28.61	211 12.33	S02 41.13	253 45.56	N16 14.62	270 49.08	N19 59.25	309 48.13	N22 06.71	253 43.50	N15 01.47	207 45.19	10.24	N01 49.07	15.56	60.24
06	050 31.07	226 12.54	S02 42.36	268 46.45	N16 14.12	285 50.98	N19 59.13	324 50.33	N22 06.71	268 43.61	N15 00.72	222 14.43	10.26	N01 33.51	15.56	60.23
07	065 33.54	241 12.75	S02 43.59	283 47.34	N16 13.62	300 52.88	N19 59.01	339 52.54	N22 06.72	283 43.71	N14 59.97	236 43.69	10.28	N01 17.95	15.56	60.22
08	080 36.00	256 12.96	S02 44.82	298 48.23	N16 13.13	315 54.78	N19 58.90	354 54.75	N22 06.72	298 43.82	N14 59.22	251 12.97	10.30	N01 02.39	15.56	60.20
09	095 38.47	271 13.18	S02 46.06	313 49.11	N16 12.63	330 56.68	N19 58.78	009 56.96	N22 06.73	313 43.92	N14 58.47	265 42.27	10.32	N00 46.84	15.55	60.19
10	110 40.93	286 13.39	S02 47.28	328 50.00	N16 12.13	345 58.57	N19 58.66	024 59.17	N22 06.74	328 44.02	N14 57.72	280 11.60	10.34	N00 31.28	15.55	60.18
11	125 43.39	301 13.60	S02 48.51	343 50.89	N16 11.63	001 00.47	N19 58.54	040 01.38	N22 06.74	343 44.13	N14 56.96	294 40.94	10.36	N00 15.73	15.54	60.17
12	140 45.86	316 13.82	S02 49.74	358 51.77	N16 11.13	016 02.37	N19 58.42	055 03.59	N22 06.75	358 44.23	N14 56.21	309 10.30	10.38	N00 00.19	15.54	60.15
13	155 48.32	331 14.03	S02 50.97	013 52.66	N16 10.64	031 04.27	N19 58.30	070 05.80	N22 06.75	013 44.34	N14 55.46	323 39.68	10.39	S00 15.35	15.53	60.14
14	170 50.79	346 14.25	S02 52.20	028 53.55	N16 10.14	046 06.17	N19 58.18	085 08.01	N22 06.76	028 44.44	N14 54.70	338 09.08	10.41	S00 30.88	15.52	60.13
15	185 53.25	001 14.46	S02 53.43	043 54.44	N16 09.64	061 08.07	N19 58.06	100 10.22	N22 06.77	043 44.55	N14 53.95	352 38.48	10.42	S00 46.39	15.50	60.11
16	200 55.71	016 14.68	S02 54.66	058 55.33	N16 09.14	076 09.97	N19 57.94	115 12.43	N22 06.77	058 44.66	N14 53.20	007 07.91	10.44	S01 01.89	15.49	60.10
17	215 58.18	031 14.90	S02 55.89	073 56.21	N16 08.64	091 11.87	N19 57.82	130 14.64	N22 06.78	073 44.76	N14 52.44	021 37.34	10.45	S01 17.38	15.47	60.08
18	231 00.64	046 15.11	S02 57.12	088 57.10	N16 08.14	106 13.77	N19 57.71	145 16.85	N22 06.78	088 44.87	N14 51.69	036 06.79	10.46	S01 32.86	15.46	60.07
19	246 03.11	061 15.33	S02 58.35	103 57.99	N16 07.64	121 15.67	N19 57.59	160 19.06	N22 06.79	103 44.98	N14 50.93	050 36.25	10.47	S01 48.32	15.44	60.05
20	261 05.57	076 15.55	S02 59.58	118 58.88	N16 07.14	136 17.57	N19 57.47	175 21.27	N22 06.79	118 45.08	N14 50.18	065 05.72	10.48	S02 03.75	15.42	60.04
21	276 08.03	091 15.77	S03 00.81	133 59.77	N16 06.64	151 19.47	N19 57.35	190 23.48	N22 06.80	133 45.19	N14 49.42	079 35.20	10.49	S02 19.17	15.40	60.02
22	291 10.50	106 15.99	S03 02.03	149 00.66	N16 06.14	166 21.37	N19 57.23	205 25.69	N22 06.81	148 45.30	N14 48.66	094 04.68	10.49	S02 34.57	15.37	60.00
23	306 12.96	121 16.21	S03 03.26	164 01.55	N16 05.64	181 23.27	N19 57.11	220 27.91	N22 06.81	163 45.41	N14 47.91	108 34.18	10.50	S02 49.94	15.35	59.99
		v 0.21	d 1.23	v 0.89	d 0.50	v 1.90	d 0.12	v 2.21	d 0.01	v 0.10	d 0.75	SD	16.45	16.39		
		HP 0.19		HP 0.05						SD 15.78	HP 0.14					

Tuesday August 13, 2002 through Wednesday August 14, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
13 00	321 15.43	136 16.43	S03 04.49	179 02.44	N16 05.14	196 25.17	N19 56.99	235 30.12	N22 06.82	178 45.51	N14 47.15	123 03.67	10.50	S03 05.29	15.32	59.97
01	336 17.89	151 16.65	S03 05.72	194 03.33	N16 04.64	211 27.07	N19 56.87	250 32.33	N22 06.82	193 45.62	N14 46.39	137 33.18	10.51	S03 20.61	15.29	59.95
02	351 20.35	166 16.87	S03 06.95	209 04.22	N16 04.14	226 28.97	N19 56.75	265 34.54	N22 06.83	208 45.73	N14 45.63	152 02.68	10.51	S03 35.90	15.26	59.94
03	006 22.82	181 17.09	S03 08.17	224 05.11	N16 03.64	241 30.87	N19 56.63	280 36.75	N22 06.83	223 45.84	N14 44.87	166 32.19	10.51	S03 51.17	15.23	59.92
04	021 25.28	196 17.31	S03 09.40	239 06.00	N16 03.14	256 32.77	N19 56.51	295 38.96	N22 06.84	238 45.95	N14 44.12	181 01.70	10.51	S04 06.40	15.20	59.90
05	036 27.75	211 17.54	S03 10.63	254 06.89	N16 02.64	271 34.67	N19 56.39	310 41.17	N22 06.85	253 46.06	N14 43.36	195 31.21	10.51	S04 21.60	15.17	59.88
06	051 30.21	226 17.76	S03 11.86	269 07.78	N16 02.14	286 36.57	N19 56.28	325 43.39	N22 06.85	268 46.17	N14 42.60	210 00.72	10.51	S04 36.77	15.13	59.86
07	066 32.67	241 17.98	S03 13.08	284 08.67	N16 01.64	301 38.47	N19 56.16	340 45.60	N22 06.86	283 46.28	N14 41.84	224 30.23	10.51	S04 51.90	15.10	59.85
08	081 35.14	256 18.21	S03 14.31	299 09.56	N16 01.13	316 40.37	N19 56.04	355 47.81	N22 06.86	298 46.39	N14 41.08	238 59.74	10.50	S05 07.00	15.06	59.83
09	096 37.60	271 18.43	S03 15.54	314 10.45	N16 00.63	331 42.27	N19 55.92	010 50.02	N22 06.87	313 46.50	N14 40.31	253 29.24	10.50	S05 22.06	15.02	59.81
10	111 40.07	286 18.66	S03 16.76	329 11.34	N16 00.13	346 44.17	N19 55.80	025 52.24	N22 06.87	328 46.61	N14 39.55	267 58.74	10.49	S05 37.08	14.98	59.79
11	126 42.53	301 18.88	S03 17.99	344 12.23	N15 59.63	001 46.07	N19 55.68	040 54.45	N22 06.88	343 46.72	N14 38.79	282 28.24	10.49	S05 52.05	14.93	59.77
12	141 45.00	316 19.11	S03 19.22	359 13.12	N15 59.12	016 47.97	N19 55.56	055 56.66	N22 06.89	358 46.83	N14 38.03	296 57.73	10.48	S06 06.99	14.89	59.75
13	156 47.46	331 19.33	S03 20.44	014 14.01	N15 58.62	031 49.87	N19 55.44	070 58.87	N22 06.89	013 46.94	N14 37.27	311 27.21	10.47	S06 21.88	14.85	59.73
14	171 49.92	346 19.56	S03 21.67	029 14.90	N15 58.12	046 51.77	N19 55.32	086 01.09	N22 06.90	028 47.05	N14 36.50	325 56.68	10.46	S06 36.72	14.80	59.71
15	186 52.39	001 19.79	S03 22.90	044 15.79	N15 57.62	061 53.67	N19 55.20	101 03.30	N22 06.90	043 47.16	N14 35.74	340 26.14	10.45	S06 51.52	14.75	59.69
16	201 54.85	016 20.02	S03 24.12	059 16.68	N15 57.11	076 55.57	N19 55.08	116 05.51	N22 06.91	058 47.28	N14 34.98	354 55.60	10.44	S07 06.27	14.70	59.67
17	216 57.32	031 20.24	S03 25.35	074 17.58	N15 56.61	091 57.47	N19 54.96	131 07.73	N22 06.91	073 47.39	N14 34.21	009 25.04	10.43	S07 20.97	14.65	59.65
18	231 59.78	046 20.47	S03 26.57	089 18.47	N15 56.11	106 59.38	N19 54.84	146 09.94	N22 06.92	088 47.50	N14 33.45	023 54.47	10.42	S07 35.62	14.60	59.63
19	247 02.24	061 20.70	S03 27.80	104 19.36	N15 55.60	122 01.28	N19 54.72	161 12.15	N22 06.92	103 47.61	N14 32.68	038 23.89	10.40	S07 50.22	14.54	59.61
20	262 04.71	076 20.93	S03 29.02	119 20.25	N15 55.10	137 03.18	N19 54.60	176 14.37	N22 06.93	118 47.73	N14 31.92	052 53.29	10.39	S08 04.76	14.49	59.59
21	277 07.17	091 21.16	S03 30.25	134 21.14	N15 54.59	152 05.08	N19 54.48	191 16.58	N22 06.93	133 47.84	N14 31.15	067 22.68	10.37	S08 19.25	14.43	59.57
22	292 09.64	106 21.39	S03 31.47	149 22.04	N15 54.09	167 06.98	N19 54.36	206 18.79	N22 06.94	148 47.95	N14 30.38	081 52.05	10.36	S08 33.68	14.37	59.54
23	307 12.10	121 21.62	S03 32.70	164 22.93	N15 53.59	182 08.88	N19 54.24	221 21.01	N22 06.95	163 48.07	N14 29.62	096 21.41	10.34	S08 48.06	14.32	59.52
14 00	322 14.56	136 21.85	S03 33.92	179 23.82	N15 53.08	197 10.78	N19 54.12	236 23.22	N22 06.95	178 48.18	N14 28.85	110 50.75	10.32	S09 02.37	14.25	59.50
01	337 17.03	151 22.09	S03 35.15	194 24.72	N15 52.58	212 12.69	N19 54.01	251 25.44	N22 06.96	193 48.30	N14 28.08	125 20.07	10.30	S09 16.63	14.19	59.48
02	352 19.49	166 22.32	S03 36.37	209 25.61	N15 52.07	227 14.59	N19 53.89	266 27.65	N22 06.96	208 48.41	N14 27.31	139 49.37	10.28	S09 30.82	14.13	59.46
03	007 21.96	181 22.55	S03 37.60	224 26.50	N15 51.57	242 16.49	N19 53.77	281 29.87	N22 06.97	223 48.53	N14 26.55	154 18.66	10.26	S09 44.95	14.07	59.43
04	022 24.42	196 22.79	S03 38.82	239 27.39	N15 51.06	257 18.39	N19 53.65	296 32.08	N22 06.97	238 48.64	N14 25.78	168 47.92	10.24	S09 59.01	14.00	59.41
05	037 26.88	211 23.02	S03 40.04	254 28.29	N15 50.56	272 20.29	N19 53.53	311 34.30	N22 06.98	253 48.76	N14 25.01	183 17.16	10.22	S10 13.01	13.93	59.39
06	052 29.35	226 23.25	S03 41.27	269 29.18	N15 50.05	287 22.19	N19 53.41	326 36.51	N22 06.98	268 48.87	N14 24.24	197 46.38	10.20	S10 26.95	13.86	59.37
07	067 31.81	241 23.49	S03 42.49	284 30.08	N15 49.54	302 24.10	N19 53.29	341 38.73	N22 06.99	283 48.99	N14 23.47	212 15.58	10.17	S10 40.81	13.79	59.34
08	082 34.28	256 23.73	S03 43.71	299 30.97	N15 49.04	317 26.00	N19 53.17	356 40.94	N22 06.99	298 49.10	N14 22.70	226 44.75	10.15	S10 54.60	13.72	59.32
09	097 36.74	271 23.96	S03 44.94	314 31.86	N15 48.53	332 27.90	N19 53.05	011 43.16	N22 07.00	313 49.22	N14 21.93	241 13.90	10.12	S11 08.33	13.65	59.30
10	112 39.20	286 24.20	S03 46.16	329 32.76	N15 48.03	347 29.80	N19 52.93	026 45.37	N22 07.00	328 49.34	N14 21.16	255 43.02	10.10	S11 21.98	13.58	59.28
11	127 41.67	301 24.44	S03 47.38	344 33.65	N15 47.52	002 31.70	N19 52.81	041 47.59	N22 07.01	343 49.45	N14 20.39	270 12.12	10.07	S11 35.56	13.50	59.25
12	142 44.13	316 24.67	S03 48.61	359 34.55	N15 47.01	017 33.61	N19 52.69	056 49.80	N22 07.01	358 49.57	N14 19.61	284 41.19	10.04	S11 49.06	13.43	59.23
13	157 46.60	331 24.91	S03 49.83	014 35.44	N15 46.51	032 35.51	N19 52.57	071 52.02	N22 07.02	013 49.69	N14 18.84	299 10.23	10.01	S12 02.49	13.35	59.21
14	172 49.06	346 25.15	S03 51.05	029 36.34	N15 46.00	047 37.41	N19 52.45	086 54.24	N22 07.03	028 49.80	N14 18.07	313 39.24	09.99	S12 15.84	13.27	59.18
15	187 51.53	001 25.39	S03 52.27	044 37.23	N15 45.49	062 39.31	N19 52.33	101 56.45	N22 07.03	043 49.92	N14 17.30	328 08.23	09.96	S12 29.11	13.19	59.16
16	202 53.99	016 25.63	S03 53.50	059 38.12	N15 44.98	077 41.22	N19 52.21	116 58.67	N22 07.04	058 50.04	N14 16.52	342 37.19	09.93	S12 42.30	13.11	59.13
17	217 56.45	031 25.87	S03 54.72	074 39.02	N15 44.48	092 43.12	N19 52.09	132 00.89	N22 07.04	073 50.16	N14 15.75	357 06.11	09.90	S12 55.41	13.03	59.11
18	232 58.92	046 26.11	S03 55.94	089 39.92	N15 43.97	107 45.02	N19 51.97	147 03.10	N22 07.05	088 50.28	N14 14.97	011 35.01	09.86	S13 08.44	12.94	59.09
19	248 01.38	061 26.35	S03 57.16	104 40.81	N15 43.46	122 46.93	N19 51.85	162 05.32	N22 07.05	103 50.39	N14 14.20	026 03.87	09.83	S13 21.38	12.86	59.06
20	263 03.85	076 26.59	S03 58.38	119 41.71	N15 42.95	137 48.83	N19 51.73	177 07.54	N22 07.06	118 50.51	N14 13.43	040 32.71	09.80	S13 34.24	12.77	59.04
21	278 06.31	091 26.83	S03 59.60	134 42.60	N15 42.45	152 50.73	N19 51.61	192 09.75	N22 07.06	133 50.63	N14 12.65	055 01.51	09.77	S13 47.01	12.69	59.01
22	293 08.77	106 27.07	S04 00.83	149 43.50	N15 41.94	167 52.63	N19 51.49	207 11.97	N22 07.07	148 50.75	N14 11.87	069 30.28	09.73	S13 59.70	12.60	58.99
23	308 11.24	121 27.32	S04 02.05	164 44.39	N15 41.43	182 54.54	N19 51.37	222 14.19	N22 07.07	163 50.87	N14 11.10	083 59.01	09.70	S14 12.30	12.51	58.96
		v 0.23	d 1.22	v 0.89	d 0.50	v 1.90	d 0.12	v 2.21	d 0.01	v 0.11	d 0.77	SD	16.28	16.14		
		HP 0.20		HP 0.05						SD 15.79	HP 0.14					

Thursday August 15, 2002 through Friday August 16, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
15 00	323 13.70	136 27.56	S04 03.27	179 45.29	N15 40.92	197 56.44	N19 51.25	237 16.40	N22 07.08	178 50.99	N14 10.32	098 27.71	09.67	S14 24.81	12.42	58.94
01	338 16.17	151 27.80	S04 04.49	194 46.19	N15 40.41	212 58.34	N19 51.13	252 18.62	N22 07.08	193 51.11	N14 09.54	112 56.38	09.63	S14 37.23	12.33	58.92
02	353 18.63	166 28.05	S04 05.71	209 47.08	N15 39.90	228 00.25	N19 51.01	267 20.84	N22 07.09	208 51.23	N14 08.77	127 25.01	09.60	S14 49.56	12.23	58.89
03	008 21.09	181 28.29	S04 06.93	224 47.98	N15 39.39	243 02.15	N19 50.89	282 23.06	N22 07.09	223 51.35	N14 07.99	141 53.60	09.56	S15 01.79	12.14	58.87
04	023 23.56	196 28.54	S04 08.15	239 48.88	N15 38.88	258 04.05	N19 50.77	297 25.28	N22 07.10	238 51.47	N14 07.21	156 22.16	09.52	S15 13.93	12.05	58.84
05	038 26.02	211 28.78	S04 09.37	254 49.77	N15 38.37	273 05.96	N19 50.65	312 27.49	N22 07.10	253 51.59	N14 06.43	170 50.69	09.49	S15 25.98	11.95	58.82
06	053 28.49	226 29.03	S04 10.59	269 50.67	N15 37.86	288 07.86	N19 50.53	327 29.71	N22 07.11	268 51.72	N14 05.65	185 19.18	09.45	S15 37.93	11.85	58.79
07	068 30.95	241 29.28	S04 11.81	284 51.57	N15 37.35	303 09.77	N19 50.41	342 31.93	N22 07.11	283 51.84	N14 04.87	199 47.63	09.41	S15 49.78	11.75	58.77
08	083 33.42	256 29.53	S04 13.03	299 52.46	N15 36.84	318 11.67	N19 50.29	357 34.15	N22 07.12	298 51.96	N14 04.10	214 16.04	09.38	S16 01.53	11.65	58.74
09	098 35.88	271 29.77	S04 14.25	314 53.36	N15 36.33	333 13.57	N19 50.17	012 36.37	N22 07.12	313 52.08	N14 03.32	228 44.42	09.34	S16 13.19	11.55	58.72
10	113 38.34	286 30.02	S04 15.47	329 54.26	N15 35.82	348 15.48	N19 50.05	027 38.59	N22 07.13	328 52.20	N14 02.53	243 12.76	09.30	S16 24.74	11.45	58.69
11	128 40.81	301 30.27	S04 16.68	344 55.16	N15 35.31	003 17.38	N19 49.93	042 40.80	N22 07.13	343 52.33	N14 01.75	257 41.06	09.26	S16 36.19	11.35	58.67
12	143 43.27	316 30.52	S04 17.90	359 56.05	N15 34.80	018 19.29	N19 49.81	057 43.02	N22 07.14	358 52.45	N14 00.97	272 09.32	09.22	S16 47.54	11.24	58.64
13	158 45.74	331 30.77	S04 19.12	014 56.95	N15 34.29	033 21.19	N19 49.69	072 45.24	N22 07.14	013 52.57	N14 00.19	286 37.54	09.18	S16 58.78	11.14	58.62
14	173 48.20	346 31.02	S04 20.34	029 57.85	N15 33.78	048 23.09	N19 49.57	087 47.46	N22 07.15	028 52.69	N13 59.41	301 05.73	09.15	S17 09.92	11.03	58.59
15	188 50.66	001 31.27	S04 21.56	044 58.75	N15 33.27	063 25.00	N19 49.45	102 49.68	N22 07.15	043 52.82	N13 58.63	315 33.87	09.11	S17 20.96	10.93	58.57
16	203 53.13	016 31.52	S04 22.78	059 59.65	N15 32.76	078 26.90	N19 49.33	117 51.90	N22 07.16	058 52.94	N13 57.84	330 01.98	09.07	S17 31.88	10.82	58.54
17	218 55.59	031 31.77	S04 23.99	075 00.54	N15 32.24	093 28.81	N19 49.21	132 54.12	N22 07.16	073 53.07	N13 57.06	344 30.05	09.03	S17 42.70	10.71	58.51
18	233 58.06	046 32.03	S04 25.21	090 01.44	N15 31.73	108 30.71	N19 49.09	147 56.34	N22 07.17	088 53.19	N13 56.28	358 58.08	08.99	S17 53.41	10.60	58.49
19	249 00.52	061 32.28	S04 26.43	105 02.34	N15 31.22	123 32.62	N19 48.97	162 58.56	N22 07.17	103 53.31	N13 55.49	013 26.07	08.95	S18 04.01	10.49	58.46
20	264 02.98	076 32.53	S04 27.65	120 03.24	N15 30.71	138 34.52	N19 48.85	178 00.78	N22 07.18	118 53.44	N13 54.71	027 54.02	08.91	S18 14.50	10.38	58.44
21	279 05.45	091 32.78	S04 28.86	135 04.14	N15 30.20	153 36.43	N19 48.73	193 03.00	N22 07.18	133 53.56	N13 53.92	042 21.92	08.87	S18 24.87	10.26	58.41
22	294 07.91	106 33.04	S04 30.08	150 05.04	N15 29.68	168 38.33	N19 48.61	208 05.22	N22 07.19	148 53.69	N13 53.14	056 49.80	08.83	S18 35.14	10.15	58.39
23	309 10.38	121 33.29	S04 31.30	165 05.94	N15 29.17	183 40.23	N19 48.49	223 07.44	N22 07.19	163 53.81	N13 52.35	071 17.63	08.79	S18 45.29	10.03	58.36
16 00	324 12.84	136 33.55	S04 32.51	180 06.84	N15 28.66	198 42.14	N19 48.37	238 09.66	N22 07.20	178 53.94	N13 51.57	085 45.42	08.75	S18 55.32	09.92	58.34
01	339 15.31	151 33.80	S04 33.73	195 07.74	N15 28.14	213 44.04	N19 48.25	253 11.88	N22 07.20	193 54.07	N13 50.78	100 13.17	08.71	S19 05.24	09.80	58.31
02	354 17.77	166 34.06	S04 34.95	210 08.64	N15 27.63	228 45.95	N19 48.12	268 14.10	N22 07.21	208 54.19	N13 50.00	114 40.88	08.67	S19 15.04	09.68	58.29
03	009 20.23	181 34.32	S04 36.16	225 09.54	N15 27.12	243 47.86	N19 48.00	283 16.32	N22 07.21	223 54.32	N13 49.21	129 08.56	08.63	S19 24.72	09.56	58.26
04	024 22.70	196 34.57	S04 37.38	240 10.44	N15 26.60	258 49.76	N19 47.88	298 18.55	N22 07.21	238 54.44	N13 48.42	143 36.19	08.60	S19 34.29	09.44	58.23
05	039 25.16	211 34.83	S04 38.59	255 11.34	N15 26.09	273 51.67	N19 47.76	313 20.77	N22 07.22	253 54.57	N13 47.63	158 03.79	08.56	S19 43.73	09.32	58.21
06	054 27.63	226 35.09	S04 39.81	270 12.24	N15 25.58	288 53.57	N19 47.64	328 22.99	N22 07.22	268 54.70	N13 46.85	172 31.34	08.52	S19 53.06	09.20	58.18
07	069 30.09	241 35.35	S04 41.02	285 13.14	N15 25.06	303 55.48	N19 47.52	343 25.21	N22 07.23	283 54.83	N13 46.06	186 58.86	08.48	S20 02.26	09.08	58.16
08	084 32.55	256 35.61	S04 42.24	300 14.04	N15 24.55	318 57.38	N19 47.40	358 27.43	N22 07.23	298 54.95	N13 45.27	201 26.34	08.44	S20 11.34	08.96	58.13
09	099 35.02	271 35.87	S04 43.45	315 14.94	N15 24.03	333 59.29	N19 47.28	013 29.65	N22 07.24	313 55.08	N13 44.48	215 53.78	08.40	S20 20.30	08.83	58.11
10	114 37.48	286 36.13	S04 44.67	330 15.84	N15 23.52	349 01.19	N19 47.16	028 31.87	N22 07.24	328 55.21	N13 43.69	230 21.19	08.37	S20 29.13	08.71	58.08
11	129 39.95	301 36.39	S04 45.88	345 16.74	N15 23.00	004 03.10	N19 47.04	043 34.10	N22 07.25	343 55.34	N13 42.90	244 48.56	08.33	S20 37.84	08.58	58.06
12	144 42.41	316 36.65	S04 47.09	000 17.64	N15 22.49	019 05.00	N19 46.92	058 36.32	N22 07.25	358 55.47	N13 42.11	259 15.89	08.29	S20 46.42	08.46	58.03
13	159 44.88	331 36.91	S04 48.31	015 18.54	N15 21.97	034 06.91	N19 46.80	073 38.54	N22 07.26	013 55.59	N13 41.32	273 43.18	08.26	S20 54.88	08.33	58.01
14	174 47.34	346 37.17	S04 49.52	030 19.44	N15 21.46	049 08.82	N19 46.68	088 40.76	N22 07.26	028 55.72	N13 40.53	288 10.44	08.22	S21 03.21	08.20	57.98
15	189 49.80	001 37.44	S04 50.74	045 20.35	N15 20.94	064 10.72	N19 46.56	103 42.99	N22 07.27	043 55.85	N13 39.74	302 37.66	08.19	S21 11.41	08.07	57.95
16	204 52.27	016 37.70	S04 51.95	060 21.25	N15 20.43	079 12.63	N19 46.44	118 45.21	N22 07.27	058 55.98	N13 38.95	317 04.85	08.15	S21 19.48	07.94	57.93
17	219 54.73	031 37.96	S04 53.16	075 22.15	N15 19.91	094 14.54	N19 46.32	133 47.43	N22 07.28	073 56.11	N13 38.15	331 32.00	08.12	S21 27.42	07.81	57.90
18	234 57.20	046 38.23	S04 54.38	090 23.05	N15 19.40	109 16.44	N19 46.20	148 49.65	N22 07.28	088 56.24	N13 37.36	345 59.12	08.08	S21 35.23	07.68	57.88
19	249 59.66	061 38.49	S04 55.59	105 23.95	N15 18.88	124 18.35	N19 46.08	163 51.88	N22 07.28	103 56.37	N13 36.57	000 26.20	08.05	S21 42.91	07.55	57.85
20	265 02.12	076 38.76	S04 56.80	120 24.86	N15 18.36	139 20.25	N19 45.96	178 54.10	N22 07.29	118 56.50	N13 35.77	014 53.25	08.02	S21 50.46	07.42	57.83
21	280 04.59	091 39.02	S04 58.01	135 25.76	N15 17.85	154 22.16	N19 45.84	193 56.32	N22 07.29	133 56.63	N13 34.98	029 20.27	07.99	S21 57.88	07.28	57.80
22	295 07.05	106 39.29	S04 59.22	150 26.66	N15 17.33	169 24.07	N19 45.71	208 58.55	N22 07.30	148 56.76	N13 34.19	043 47.26	07.96	S22 05.17	07.15	57.78
23	310 09.52	121 39.56	S05 00.44	165 27.56	N15 16.81	184 25.97	N19 45.59	224 00.77	N22 07.30	163 56.89	N13 33.39	058 14.22	07.93	S22 12.32	07.02	57.75
		v 0.26	d 1.22	v 0.90	d 0.51	v 1.91	d 0.12	v 2.22	d 0.00	v 0.13	d 0.79	SD	15.98	15.82		
		HP 0.20		HP 0.05						SD 15.79	HP 0.14					

Saturday August 17, 2002 through Sunday August 18, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
17 00	325 11.98	136 39.82	S05 01.65	180 28.47	N15 16.30	199 27.88	N19 45.47	239 03.00	N22 07.31	178 57.02	N13 32.60	072 41.14	07.90	S22 19.33	06.88	57.73
01	340 14.45	151 40.09	S05 02.86	195 29.37	N15 15.78	214 29.79	N19 45.35	254 05.22	N22 07.31	193 57.16	N13 31.80	087 08.04	07.87	S22 26.21	06.75	57.70
02	355 16.91	166 40.36	S05 04.07	210 30.27	N15 15.26	229 31.69	N19 45.23	269 07.44	N22 07.32	208 57.29	N13 31.01	101 34.90	07.84	S22 32.96	06.61	57.68
03	010 19.37	181 40.63	S05 05.28	225 31.17	N15 14.75	244 33.60	N19 45.11	284 09.67	N22 07.32	223 57.42	N13 30.21	116 01.74	07.81	S22 39.57	06.47	57.65
04	025 21.84	196 40.90	S05 06.49	240 32.08	N15 14.23	259 35.51	N19 44.99	299 11.89	N22 07.33	238 57.55	N13 29.41	130 28.55	07.78	S22 46.04	06.33	57.63
05	040 24.30	211 41.17	S05 07.70	255 32.98	N15 13.71	274 37.42	N19 44.87	314 14.12	N22 07.33	253 57.68	N13 28.62	144 55.34	07.76	S22 52.37	06.20	57.60
06	055 26.77	226 41.44	S05 08.91	270 33.89	N15 13.19	289 39.32	N19 44.75	329 16.34	N22 07.33	268 57.82	N13 27.82	159 22.09	07.73	S22 58.57	06.06	57.58
07	070 29.23	241 41.71	S05 10.12	285 34.79	N15 12.67	304 41.23	N19 44.63	344 18.57	N22 07.34	283 57.95	N13 27.02	173 48.83	07.71	S23 04.63	05.92	57.55
08	085 31.69	256 41.98	S05 11.33	300 35.69	N15 12.16	319 43.14	N19 44.51	359 20.79	N22 07.34	298 58.08	N13 26.23	188 15.54	07.69	S23 10.55	05.78	57.53
09	100 34.16	271 42.25	S05 12.54	315 36.60	N15 11.64	334 45.04	N19 44.39	014 23.02	N22 07.35	313 58.22	N13 25.43	202 42.22	07.66	S23 16.33	05.64	57.50
10	115 36.62	286 42.52	S05 13.75	330 37.50	N15 11.12	349 46.95	N19 44.27	029 25.24	N22 07.35	328 58.35	N13 24.63	217 08.89	07.64	S23 21.97	05.50	57.48
11	130 39.09	301 42.80	S05 14.96	345 38.41	N15 10.60	004 48.86	N19 44.15	044 27.47	N22 07.36	343 58.48	N13 23.83	231 35.53	07.62	S23 27.47	05.36	57.45
12	145 41.55	316 43.07	S05 16.17	000 39.31	N15 10.08	019 50.77	N19 44.02	059 29.69	N22 07.36	358 58.62	N13 23.03	246 02.15	07.60	S23 32.83	05.22	57.43
13	160 44.02	331 43.34	S05 17.38	015 40.21	N15 09.56	034 52.68	N19 43.90	074 31.92	N22 07.37	013 58.75	N13 22.23	260 28.75	07.58	S23 38.04	05.08	57.40
14	175 46.48	346 43.62	S05 18.59	030 41.12	N15 09.04	049 54.58	N19 43.78	089 34.14	N22 07.37	028 58.89	N13 21.43	274 55.33	07.57	S23 43.12	04.93	57.38
15	190 48.94	001 43.89	S05 19.80	045 42.02	N15 08.52	064 56.49	N19 43.66	104 36.37	N22 07.37	043 59.02	N13 20.63	289 21.90	07.55	S23 48.05	04.79	57.35
16	205 51.41	016 44.17	S05 21.01	060 42.93	N15 08.00	079 58.40	N19 43.54	119 38.59	N22 07.38	058 59.16	N13 19.83	303 48.45	07.53	S23 52.84	04.65	57.33
17	220 53.87	031 44.44	S05 22.21	075 43.83	N15 07.48	095 00.31	N19 43.42	134 40.82	N22 07.38	073 59.29	N13 19.03	318 14.98	07.52	S23 57.49	04.50	57.31
18	235 56.34	046 44.72	S05 23.42	090 44.74	N15 06.96	110 02.21	N19 43.30	149 43.05	N22 07.39	088 59.43	N13 18.23	332 41.50	07.51	S24 01.99	04.36	57.28
19	250 58.80	061 45.00	S05 24.63	105 45.64	N15 06.44	125 04.12	N19 43.18	164 45.27	N22 07.39	103 59.56	N13 17.43	347 08.01	07.49	S24 06.35	04.22	57.26
20	266 01.26	076 45.27	S05 25.84	120 46.55	N15 05.92	140 06.03	N19 43.06	179 47.50	N22 07.40	118 59.70	N13 16.63	001 34.50	07.48	S24 10.57	04.07	57.23
21	281 03.73	091 45.55	S05 27.04	135 47.46	N15 05.40	155 07.94	N19 42.94	194 49.73	N22 07.40	133 59.83	N13 15.82	016 00.99	07.47	S24 14.64	03.93	57.21
22	296 06.19	106 45.83	S05 28.25	150 48.36	N15 04.88	170 09.85	N19 42.82	209 51.95	N22 07.41	148 59.97	N13 15.02	030 27.46	07.47	S24 18.57	03.78	57.18
23	311 08.66	121 46.11	S05 29.46	165 49.27	N15 04.36	185 11.76	N19 42.70	224 54.18	N22 07.41	164 00.11	N13 14.22	044 53.93	07.46	S24 22.36	03.64	57.16
18 00	326 11.12	136 46.39	S05 30.66	180 50.17	N15 03.84	200 13.67	N19 42.57	239 56.41	N22 07.41	179 00.24	N13 13.41	059 20.39	07.45	S24 26.00	03.49	57.14
01	341 13.59	151 46.67	S05 31.87	195 51.08	N15 03.32	215 15.57	N19 42.45	254 58.63	N22 07.42	194 00.38	N13 12.61	073 46.84	07.45	S24 29.49	03.35	57.11
02	356 16.05	166 46.95	S05 33.08	210 51.99	N15 02.80	230 17.48	N19 42.33	270 00.86	N22 07.42	209 00.52	N13 11.80	088 13.28	07.44	S24 32.84	03.20	57.09
03	011 18.51	181 47.23	S05 34.28	225 52.89	N15 02.28	245 19.39	N19 42.21	285 03.09	N22 07.43	224 00.65	N13 11.00	102 39.73	07.44	S24 36.04	03.06	57.06
04	026 20.98	196 47.51	S05 35.49	240 53.80	N15 01.76	260 21.30	N19 42.09	300 05.32	N22 07.43	239 00.79	N13 10.20	117 06.17	07.44	S24 39.10	02.91	57.04
05	041 23.44	211 47.79	S05 36.69	255 54.70	N15 01.24	275 23.21	N19 41.97	315 07.54	N22 07.44	254 00.93	N13 09.39	131 32.61	07.44	S24 42.01	02.77	57.02
06	056 25.91	226 48.08	S05 37.90	270 55.61	N15 00.71	290 25.12	N19 41.85	330 09.77	N22 07.44	269 01.07	N13 08.58	145 59.05	07.44	S24 44.78	02.62	56.99
07	071 28.37	241 48.36	S05 39.10	285 56.52	N15 00.19	305 27.03	N19 41.73	345 12.00	N22 07.44	284 01.21	N13 07.78	160 25.49	07.44	S24 47.40	02.48	56.97
08	086 30.83	256 48.64	S05 40.31	300 57.43	N14 59.67	320 28.94	N19 41.61	000 14.23	N22 07.45	299 01.34	N13 06.97	174 51.93	07.45	S24 49.88	02.33	56.95
09	101 33.30	271 48.93	S05 41.51	315 58.33	N14 59.15	335 30.85	N19 41.49	015 16.46	N22 07.45	314 01.48	N13 06.17	189 18.38	07.45	S24 52.21	02.18	56.92
10	116 35.76	286 49.21	S05 42.71	330 59.24	N14 58.62	350 32.76	N19 41.36	030 18.68	N22 07.46	329 01.62	N13 05.36	203 44.83	07.46	S24 54.39	02.04	56.90
11	131 38.23	301 49.50	S05 43.92	346 00.15	N14 58.10	005 34.66	N19 41.24	045 20.91	N22 07.46	344 01.76	N13 04.55	218 11.29	07.47	S24 56.43	01.89	56.88
12	146 40.69	316 49.78	S05 45.12	001 01.06	N14 57.58	020 36.57	N19 41.12	060 23.14	N22 07.46	359 01.90	N13 03.74	232 37.75	07.48	S24 58.32	01.75	56.85
13	161 43.16	331 50.07	S05 46.33	016 01.96	N14 57.06	035 38.48	N19 41.00	075 25.37	N22 07.47	014 02.04	N13 02.93	247 04.23	07.49	S25 00.06	01.60	56.83
14	176 45.62	346 50.35	S05 47.53	031 02.87	N14 56.53	050 40.39	N19 40.88	090 27.60	N22 07.47	029 02.18	N13 02.13	261 30.71	07.50	S25 01.66	01.45	56.81
15	191 48.08	001 50.64	S05 48.73	046 03.78	N14 56.01	065 42.30	N19 40.76	105 29.83	N22 07.48	044 02.32	N13 01.32	275 57.21	07.51	S25 03.12	01.31	56.78
16	206 50.55	016 50.93	S05 49.93	061 04.69	N14 55.49	080 44.21	N19 40.64	120 32.06	N22 07.48	059 02.46	N13 00.51	290 23.72	07.52	S25 04.43	01.16	56.76
17	221 53.01	031 51.22	S05 51.14	076 05.60	N14 54.96	095 46.12	N19 40.52	135 34.29	N22 07.49	074 02.60	N12 59.70	304 50.25	07.54	S25 05.59	01.02	56.74
18	236 55.48	046 51.51	S05 52.34	091 06.50	N14 54.44	110 48.03	N19 40.40	150 36.52	N22 07.49	089 02.74	N12 58.89	319 16.79	07.56	S25 06.61	00.87	56.71
19	251 57.94	061 51.80	S05 53.54	106 07.41	N14 53.91	125 49.94	N19 40.27	165 38.75	N22 07.49	104 02.88	N12 58.08	333 43.34	07.58	S25 07.48	00.73	56.69
20	267 00.41	076 52.09	S05 54.74	121 08.32	N14 53.39	140 51.85	N19 40.15	180 40.97	N22 07.50	119 03.02	N12 57.27	348 09.92	07.60	S25 08.21	00.58	56.67
21	282 02.87	091 52.38	S05 55.94	136 09.23	N14 52.87	155 53.76	N19 40.03	195 43.20	N22 07.50	134 03.17	N12 56.46	002 36.52	07.62	S25 08.79	00.44	56.65
22	297 05.33	106 52.67	S05 57.14	151 10.14	N14 52.34	170 55.67	N19 39.91	210 45.43	N22 07.51	149 03.31	N12 55.64	017 03.13	07.64	S25 09.23	00.29	56.62
23	312 07.80	121 52.96	S05 58.35	166 11.05	N14 51.82	185 57.58	N19 39.79	225 47.67	N22 07.51	164 03.45	N12 54.83	031 29.77	07.66	S25 09.52	00.15	56.60
		v 0.28	d 1.21	v 0.91	d 0.52	v 1.91	d 0.12	v 2.23	d 0.00	v 0.14	d 0.80	SD	15.65	15.49		
		HP 0.20		HP 0.05						SD 15.80	HP 0.14					

Monday August 19, 2002 through Tuesday August 20, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
19 00	327 10.26	136 53.25	S05 59.55	181 11.96	N14 51.29	200 59.49	N19 39.67	240 49.90	N22 07.51	179 03.59	N12 54.02	045 56.43	07.69	S25 09.68	00.01	56.58
01	342 12.73	151 53.54	S06 00.75	196 12.87	N14 50.77	216 01.40	N19 39.55	255 52.13	N22 07.52	194 03.73	N12 53.21	060 23.12	07.71	S25 09.68	00.14	56.56
02	357 15.19	166 53.84	S06 01.95	211 13.78	N14 50.24	231 03.32	N19 39.43	270 54.36	N22 07.52	209 03.88	N12 52.40	074 49.83	07.74	S25 09.54	00.28	56.53
03	012 17.65	181 54.13	S06 03.15	226 14.69	N14 49.72	246 05.23	N19 39.30	285 56.59	N22 07.53	224 04.02	N12 51.58	089 16.57	07.77	S25 09.26	00.42	56.51
04	027 20.12	196 54.42	S06 04.35	241 15.60	N14 49.19	261 07.14	N19 39.18	300 58.82	N22 07.53	239 04.16	N12 50.77	103 43.34	07.80	S25 08.84	00.57	56.49
05	042 22.58	211 54.72	S06 05.55	256 16.51	N14 48.67	276 09.05	N19 39.06	316 01.05	N22 07.53	254 04.30	N12 49.96	118 10.14	07.83	S25 08.28	00.71	56.47
06	057 25.05	226 55.01	S06 06.75	271 17.42	N14 48.14	291 10.96	N19 38.94	331 03.28	N22 07.54	269 04.45	N12 49.14	132 36.97	07.86	S25 07.57	00.85	56.44
07	072 27.51	241 55.31	S06 07.94	286 18.33	N14 47.61	306 12.87	N19 38.82	346 05.51	N22 07.54	284 04.59	N12 48.33	147 03.84	07.90	S25 06.72	00.99	56.42
08	087 29.98	256 55.60	S06 09.14	301 19.24	N14 47.09	321 14.78	N19 38.70	001 07.74	N22 07.55	299 04.74	N12 47.51	161 30.73	07.93	S25 05.73	01.13	56.40
09	102 32.44	271 55.90	S06 10.34	316 20.15	N14 46.56	336 16.69	N19 38.58	016 09.97	N22 07.55	314 04.88	N12 46.70	175 57.67	07.97	S25 04.60	01.27	56.38
10	117 34.90	286 56.20	S06 11.54	331 21.06	N14 46.04	351 18.60	N19 38.46	031 12.21	N22 07.55	329 05.02	N12 45.88	190 24.64	08.01	S25 03.33	01.41	56.36
11	132 37.37	301 56.49	S06 12.74	346 21.97	N14 45.51	006 20.51	N19 38.33	046 14.44	N22 07.56	344 05.17	N12 45.06	204 51.64	08.05	S25 01.92	01.55	56.33
12	147 39.83	316 56.79	S06 13.94	001 22.88	N14 44.98	021 22.43	N19 38.21	061 16.67	N22 07.56	359 05.31	N12 44.25	219 18.69	08.09	S25 00.37	01.69	56.31
13	162 42.30	331 57.09	S06 15.13	016 23.79	N14 44.46	036 24.34	N19 38.09	076 18.90	N22 07.57	014 05.46	N12 43.43	233 45.78	08.13	S24 58.68	01.83	56.29
14	177 44.76	346 57.39	S06 16.33	031 24.70	N14 43.93	051 26.25	N19 37.97	091 21.13	N22 07.57	029 05.60	N12 42.62	248 12.90	08.17	S24 56.85	01.97	56.27
15	192 47.22	001 57.69	S06 17.53	046 25.61	N14 43.40	066 28.16	N19 37.85	106 23.37	N22 07.57	044 05.75	N12 41.80	262 40.07	08.21	S24 54.89	02.10	56.25
16	207 49.69	016 57.99	S06 18.72	061 26.52	N14 42.87	081 30.07	N19 37.73	121 25.60	N22 07.58	059 05.89	N12 40.98	277 07.29	08.26	S24 52.78	02.24	56.23
17	222 52.15	031 58.29	S06 19.92	076 27.43	N14 42.35	096 31.98	N19 37.61	136 27.83	N22 07.58	074 06.04	N12 40.16	291 34.54	08.30	S24 50.54	02.38	56.21
18	237 54.62	046 58.59	S06 21.12	091 28.35	N14 41.82	111 33.90	N19 37.49	151 30.06	N22 07.58	089 06.18	N12 39.34	306 01.85	08.35	S24 48.17	02.51	56.18
19	252 57.08	061 58.89	S06 22.31	106 29.26	N14 41.29	126 35.81	N19 37.36	166 32.30	N22 07.59	104 06.33	N12 38.52	320 29.20	08.40	S24 45.66	02.65	56.16
20	267 59.55	076 59.20	S06 23.51	121 30.17	N14 40.76	141 37.72	N19 37.24	181 34.53	N22 07.59	119 06.48	N12 37.71	334 56.60	08.45	S24 43.01	02.78	56.14
21	283 02.01	091 59.50	S06 24.70	136 31.08	N14 40.23	156 39.63	N19 37.12	196 36.76	N22 07.60	134 06.62	N12 36.89	349 24.05	08.50	S24 40.23	02.91	56.12
22	298 04.47	106 59.80	S06 25.90	151 31.99	N14 39.71	171 41.54	N19 37.00	211 39.00	N22 07.60	149 06.77	N12 36.07	003 51.55	08.55	S24 37.32	03.05	56.10
23	313 06.94	122 00.11	S06 27.09	166 32.91	N14 39.18	186 43.46	N19 36.88	226 41.23	N22 07.60	164 06.92	N12 35.25	018 19.10	08.60	S24 34.27	03.18	56.08
20 00	328 09.40	137 00.41	S06 28.29	181 33.82	N14 38.65	201 45.37	N19 36.76	241 43.46	N22 07.61	179 07.07	N12 34.43	032 46.70	08.66	S24 31.10	03.31	56.06
01	343 11.87	152 00.72	S06 29.48	196 34.73	N14 38.12	216 47.28	N19 36.64	256 45.70	N22 07.61	194 07.21	N12 33.61	047 14.36	08.71	S24 27.79	03.44	56.04
02	358 14.33	167 01.02	S06 30.68	211 35.64	N14 37.59	231 49.19	N19 36.51	271 47.93	N22 07.62	209 07.36	N12 32.78	061 42.07	08.77	S24 24.35	03.57	56.02
03	013 16.79	182 01.33	S06 31.87	226 36.56	N14 37.06	246 51.11	N19 36.39	286 50.17	N22 07.62	224 07.51	N12 31.96	076 09.83	08.82	S24 20.78	03.70	56.00
04	028 19.26	197 01.63	S06 33.06	241 37.47	N14 36.53	261 53.02	N19 36.27	301 52.40	N22 07.62	239 07.66	N12 31.14	090 37.65	08.88	S24 17.08	03.83	55.98
05	043 21.72	212 01.94	S06 34.26	256 38.38	N14 36.00	276 54.93	N19 36.15	316 54.63	N22 07.63	254 07.80	N12 30.32	105 05.53	08.94	S24 13.25	03.96	55.96
06	058 24.19	227 02.25	S06 35.45	271 39.30	N14 35.47	291 56.84	N19 36.03	331 56.87	N22 07.63	269 07.95	N12 29.50	119 33.47	09.00	S24 09.29	04.08	55.94
07	073 26.65	242 02.56	S06 36.64	286 40.21	N14 34.94	306 58.76	N19 35.91	346 59.10	N22 07.63	284 08.10	N12 28.67	134 01.46	09.06	S24 05.21	04.21	55.91
08	088 29.12	257 02.87	S06 37.84	301 41.12	N14 34.41	322 00.67	N19 35.78	002 01.34	N22 07.64	299 08.25	N12 27.85	148 29.52	09.12	S24 01.00	04.33	55.89
09	103 31.58	272 03.18	S06 39.03	316 42.04	N14 33.88	337 02.58	N19 35.66	017 03.57	N22 07.64	314 08.40	N12 27.03	162 57.64	09.18	S23 56.67	04.46	55.87
10	118 34.04	287 03.49	S06 40.22	331 42.95	N14 33.35	352 04.50	N19 35.54	032 05.81	N22 07.64	329 08.55	N12 26.20	177 25.81	09.24	S23 52.21	04.58	55.85
11	133 36.51	302 03.80	S06 41.41	346 43.86	N14 32.82	007 06.41	N19 35.42	047 08.04	N22 07.65	344 08.70	N12 25.38	191 54.05	09.30	S23 47.63	04.71	55.83
12	148 38.97	317 04.11	S06 42.60	001 44.78	N14 32.29	022 08.32	N19 35.30	062 10.28	N22 07.65	359 08.85	N12 24.55	206 22.36	09.37	S23 42.92	04.83	55.81
13	163 41.44	332 04.42	S06 43.79	016 45.69	N14 31.76	037 10.24	N19 35.18	077 12.51	N22 07.66	014 09.00	N12 23.73	220 50.72	09.43	S23 38.09	04.95	55.79
14	178 43.90	347 04.73	S06 44.98	031 46.61	N14 31.23	052 12.15	N19 35.06	092 14.75	N22 07.66	029 09.15	N12 22.90	235 19.16	09.50	S23 33.14	05.07	55.77
15	193 46.36	002 05.04	S06 46.18	046 47.52	N14 30.70	067 14.06	N19 34.93	107 16.99	N22 07.66	044 09.30	N12 22.08	249 47.65	09.56	S23 28.08	05.19	55.76
16	208 48.83	017 05.36	S06 47.37	061 48.43	N14 30.17	082 15.98	N19 34.81	122 19.22	N22 07.67	059 09.45	N12 21.25	264 16.21	09.63	S23 22.89	05.31	55.74
17	223 51.29	032 05.67	S06 48.56	076 49.35	N14 29.64	097 17.89	N19 34.69	137 21.46	N22 07.67	074 09.60	N12 20.43	278 44.84	09.70	S23 17.58	05.42	55.72
18	238 53.76	047 05.98	S06 49.75	091 50.26	N14 29.11	112 19.81	N19 34.57	152 23.69	N22 07.67	089 09.75	N12 19.60	293 13.54	09.76	S23 12.16	05.54	55.70
19	253 56.22	062 06.30	S06 50.93	106 51.18	N14 28.58	127 21.72	N19 34.45	167 25.93	N22 07.68	104 09.90	N12 18.77	307 42.30	09.83	S23 06.61	05.66	55.68
20	268 58.68	077 06.61	S06 52.12	121 52.09	N14 28.04	142 23.63	N19 34.33	182 28.17	N22 07.68	119 10.05	N12 17.95	322 11.14	09.90	S23 00.96	05.77	55.66
21	284 01.15	092 06.93	S06 53.31	136 53.01	N14 27.51	157 25.55	N19 34.20	197 30.40	N22 07.68	134 10.21	N12 17.12	336 40.04	09.97	S22 55.19	05.89	55.64
22	299 03.61	107 07.24	S06 54.50	151 53.92	N14 26.98	172 27.46	N19 34.08	212 32.64	N22 07.69	149 10.36	N12 16.29	351 09.01	10.04	S22 49.30	06.00	55.62
23	314 06.08	122 07.56	S06 55.69	166 54.84	N14 26.45	187 29.38	N19 33.96	227 34.88	N22 07.69	164 10.51	N12 15.46	005 38.05	10.11	S22 43.30	06.11	55.60
		v 0.30	d 1.19	v 0.91	d 0.53	v 1.91	d 0.12	v 2.23	d 0.00	v 0.15	d 0.82	SD	15.35	15.21		
		HP 0.21		HP 0.05						SD 15.81	HP 0.14					

Wednesday August 21, 2002 through Thursday August 22, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
21 00	329 08.54	137 07.88	S06 56.88	181 55.75	N14 25.92	202 31.29	N19 33.84	242 37.11	N22 07.70	179 10.66	N12 14.63	020 07.16	10.18	S22 37.19	06.22	55.58
01	344 11.01	152 08.20	S06 58.07	196 56.67	N14 25.38	217 33.20	N19 33.72	257 39.35	N22 07.70	194 10.82	N12 13.81	034 36.34	10.25	S22 30.97	06.33	55.56
02	359 13.47	167 08.52	S06 59.25	211 57.59	N14 24.85	232 35.12	N19 33.60	272 41.59	N22 07.70	209 10.97	N12 12.98	049 05.59	10.32	S22 24.63	06.44	55.54
03	014 15.93	182 08.83	S07 00.44	226 58.50	N14 24.32	247 37.03	N19 33.47	287 43.83	N22 07.71	224 11.12	N12 12.15	063 34.91	10.40	S22 18.19	06.55	55.52
04	029 18.40	197 09.15	S07 01.63	241 59.42	N14 23.78	262 38.95	N19 33.35	302 46.06	N22 07.71	239 11.27	N12 11.32	078 04.31	10.47	S22 11.64	06.66	55.51
05	044 20.86	212 09.47	S07 02.81	257 00.33	N14 23.25	277 40.86	N19 33.23	317 48.30	N22 07.71	254 11.43	N12 10.49	092 33.78	10.54	S22 04.98	06.76	55.49
06	059 23.33	227 09.79	S07 04.00	272 01.25	N14 22.72	292 42.78	N19 33.11	332 50.54	N22 07.72	269 11.58	N12 09.66	107 03.32	10.61	S21 58.22	06.87	55.47
07	074 25.79	242 10.12	S07 05.19	287 02.17	N14 22.18	307 44.69	N19 32.99	347 52.78	N22 07.72	284 11.73	N12 08.83	121 32.94	10.69	S21 51.35	06.97	55.45
08	089 28.25	257 10.44	S07 06.37	302 03.08	N14 21.65	322 46.61	N19 32.86	002 55.02	N22 07.72	299 11.89	N12 07.99	136 02.62	10.76	S21 44.38	07.08	55.43
09	104 30.72	272 10.76	S07 07.56	317 04.00	N14 21.12	337 48.52	N19 32.74	017 57.25	N22 07.73	314 12.04	N12 07.16	150 32.38	10.83	S21 37.30	07.18	55.41
10	119 33.18	287 11.08	S07 08.74	332 04.92	N14 20.58	352 50.44	N19 32.62	032 59.49	N22 07.73	329 12.20	N12 06.33	165 02.22	10.91	S21 30.12	07.28	55.40
11	134 35.65	302 11.41	S07 09.93	347 05.83	N14 20.05	007 52.35	N19 32.50	048 01.73	N22 07.73	344 12.35	N12 05.50	179 32.13	10.98	S21 22.84	07.38	55.38
12	149 38.11	317 11.73	S07 11.11	002 06.75	N14 19.52	022 54.27	N19 32.38	063 03.97	N22 07.74	359 12.51	N12 04.67	194 02.11	11.06	S21 15.46	07.48	55.36
13	164 40.58	332 12.05	S07 12.30	017 07.67	N14 18.98	037 56.18	N19 32.26	078 06.21	N22 07.74	014 12.66	N12 03.83	208 32.17	11.13	S21 07.98	07.58	55.34
14	179 43.04	347 12.38	S07 13.48	032 08.59	N14 18.45	052 58.10	N19 32.13	093 08.45	N22 07.74	029 12.82	N12 03.00	223 02.30	11.21	S21 00.40	07.68	55.32
15	194 45.50	002 12.70	S07 14.66	047 09.50	N14 17.91	068 00.01	N19 32.01	108 10.69	N22 07.75	044 12.97	N12 02.17	237 32.51	11.28	S20 52.73	07.77	55.31
16	209 47.97	017 13.03	S07 15.85	062 10.42	N14 17.38	083 01.93	N19 31.89	123 12.93	N22 07.75	059 13.13	N12 01.33	252 02.79	11.36	S20 44.95	07.87	55.29
17	224 50.43	032 13.36	S07 17.03	077 11.34	N14 16.84	098 03.85	N19 31.77	138 15.17	N22 07.75	074 13.28	N12 00.50	266 33.15	11.43	S20 37.09	07.96	55.27
18	239 52.90	047 13.68	S07 18.21	092 12.26	N14 16.31	113 05.76	N19 31.65	153 17.40	N22 07.76	089 13.44	N11 59.66	281 03.58	11.51	S20 29.12	08.05	55.25
19	254 55.36	062 14.01	S07 19.40	107 13.17	N14 15.77	128 07.68	N19 31.53	168 19.64	N22 07.76	104 13.59	N11 58.83	295 34.08	11.58	S20 21.07	08.15	55.24
20	269 57.82	077 14.34	S07 20.58	122 14.09	N14 15.24	143 09.59	N19 31.40	183 21.88	N22 07.76	119 13.75	N11 57.99	310 04.66	11.66	S20 12.92	08.24	55.22
21	285 00.29	092 14.67	S07 21.76	137 15.01	N14 14.70	158 11.51	N19 31.28	198 24.12	N22 07.77	134 13.91	N11 57.16	324 35.32	11.73	S20 04.68	08.33	55.20
22	300 02.75	107 15.00	S07 22.94	152 15.93	N14 14.16	173 13.43	N19 31.16	213 26.36	N22 07.77	149 14.06	N11 56.32	339 06.05	11.81	S19 56.36	08.42	55.18
23	315 05.22	122 15.33	S07 24.12	167 16.85	N14 13.63	188 15.34	N19 31.04	228 28.61	N22 07.77	164 14.22	N11 55.49	353 36.86	11.88	S19 47.94	08.51	55.17
22 00	330 07.68	137 15.66	S07 25.30	182 17.76	N14 13.09	203 17.26	N19 30.92	243 30.85	N22 07.78	179 14.38	N11 54.65	008 07.74	11.96	S19 39.43	08.59	55.15
01	345 10.14	152 15.99	S07 26.49	197 18.68	N14 12.56	218 19.18	N19 30.79	258 33.09	N22 07.78	194 14.54	N11 53.81	022 38.69	12.03	S19 30.84	08.68	55.13
02	000 12.61	167 16.32	S07 27.67	212 19.60	N14 12.02	233 21.09	N19 30.67	273 35.33	N22 07.78	209 14.69	N11 52.98	037 09.72	12.10	S19 22.16	08.76	55.12
03	015 15.07	182 16.65	S07 28.85	227 20.52	N14 11.48	248 23.01	N19 30.55	288 37.57	N22 07.79	224 14.85	N11 52.14	051 40.83	12.18	S19 13.40	08.85	55.10
04	030 17.54	197 16.99	S07 30.03	242 21.44	N14 10.95	263 24.93	N19 30.43	303 39.81	N22 07.79	239 15.01	N11 51.30	066 12.00	12.25	S19 04.55	08.93	55.08
05	045 20.00	212 17.32	S07 31.21	257 22.36	N14 10.41	278 26.84	N19 30.31	318 42.05	N22 07.79	254 15.17	N11 50.46	080 43.26	12.33	S18 55.62	09.01	55.07
06	060 22.46	227 17.65	S07 32.39	272 23.28	N14 09.87	293 28.76	N19 30.18	333 44.29	N22 07.80	269 15.33	N11 49.62	095 14.58	12.40	S18 46.60	09.09	55.05
07	075 24.93	242 17.99	S07 33.56	287 24.20	N14 09.34	308 30.68	N19 30.06	348 46.53	N22 07.80	284 15.48	N11 48.79	109 45.98	12.47	S18 37.51	09.17	55.03
08	090 27.39	257 18.32	S07 34.74	302 25.12	N14 08.80	323 32.59	N19 29.94	003 48.77	N22 07.80	299 15.64	N11 47.95	124 17.46	12.55	S18 28.34	09.25	55.02
09	105 29.86	272 18.66	S07 35.92	317 26.04	N14 08.26	338 34.51	N19 29.82	018 51.02	N22 07.81	314 15.80	N11 47.11	138 49.00	12.62	S18 19.08	09.33	55.00
10	120 32.32	287 18.99	S07 37.10	332 26.96	N14 07.72	353 36.43	N19 29.70	033 53.26	N22 07.81	329 15.96	N11 46.27	153 20.62	12.69	S18 09.75	09.41	54.99
11	135 34.79	302 19.33	S07 38.28	347 27.88	N14 07.19	008 38.34	N19 29.57	048 55.50	N22 07.81	344 16.12	N11 45.43	167 52.31	12.76	S18 00.35	09.48	54.97
12	150 37.25	317 19.67	S07 39.45	002 28.80	N14 06.65	023 40.26	N19 29.45	063 57.74	N22 07.82	359 16.28	N11 44.59	182 24.08	12.84	S17 50.86	09.56	54.95
13	165 39.71	332 20.00	S07 40.63	017 29.72	N14 06.11	038 42.18	N19 29.33	078 59.98	N22 07.82	014 16.44	N11 43.75	196 55.92	12.91	S17 41.30	09.63	54.94
14	180 42.18	347 20.34	S07 41.81	032 30.64	N14 05.57	053 44.10	N19 29.21	094 02.23	N22 07.82	029 16.60	N11 42.91	211 27.82	12.98	S17 31.67	09.70	54.92
15	195 44.64	002 20.68	S07 42.98	047 31.56	N14 05.03	068 46.01	N19 29.09	109 04.47	N22 07.83	044 16.76	N11 42.06	225 59.80	13.05	S17 21.97	09.78	54.91
16	210 47.11	017 21.02	S07 44.16	062 32.48	N14 04.49	083 47.93	N19 28.96	124 06.71	N22 07.83	059 16.92	N11 41.22	240 31.86	13.12	S17 12.19	09.85	54.89
17	225 49.57	032 21.36	S07 45.34	077 33.40	N14 03.96	098 49.85	N19 28.84	139 08.96	N22 07.83	074 17.08	N11 40.38	255 03.98	13.19	S17 02.34	09.92	54.88
18	240 52.03	047 21.70	S07 46.51	092 34.32	N14 03.42	113 51.77	N19 28.72	154 11.20	N22 07.84	089 17.24	N11 39.54	269 36.17	13.26	S16 52.43	09.99	54.86
19	255 54.50	062 22.04	S07 47.69	107 35.24	N14 02.88	128 53.69	N19 28.60	169 13.44	N22 07.84	104 17.40	N11 38.70	284 08.43	13.33	S16 42.44	10.05	54.85
20	270 56.96	077 22.38	S07 48.86	122 36.16	N14 02.34	143 55.60	N19 28.48	184 15.68	N22 07.84	119 17.56	N11 37.85	298 40.76	13.40	S16 32.39	10.12	54.83
21	285 59.43	092 22.73	S07 50.04	137 37.08	N14 01.80	158 57.52	N19 28.35	199 17.93	N22 07.84	134 17.72	N11 37.01	313 13.16	13.47	S16 22.26	10.19	54.82
22	301 01.89	107 23.07	S07 51.21	152 38.00	N14 01.26	173 59.44	N19 28.23	214 20.17	N22 07.85	149 17.89	N11 36.17	327 45.63	13.54	S16 12.08	10.25	54.80
23	316 04.35	122 23.41	S07 52.39	167 38.93	N14 00.72	189 01.36	N19 28.11	229 22.42	N22 07.85	164 18.05	N11 35.32	342 18.17	13.60	S16 01.83	10.32	54.79
		v 0.33	d 1.18	v 0.92	d 0.54	v 1.92	d 0.12	v 2.24	d 0.00	v 0.16	d 0.84	SD	15.09	14.98		
		HP 0.21		HP 0.05						SD 15.81	HP 0.14					

Friday August 23, 2002 through Saturday August 24, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
23 00	331 06.82	137 23.76	S07 53.56	182 39.85	N14 00.18	204 03.28	N19 27.99	244 24.66	N22 07.85	179 18.21	N11 34.48	356 50.77	13.67	S15 51.51	10.38	54.77
01	346 09.28	152 24.10	S07 54.73	197 40.77	N13 59.64	219 05.20	N19 27.87	259 26.90	N22 07.86	194 18.37	N11 33.63	011 23.44	13.74	S15 41.13	10.44	54.76
02	001 11.75	167 24.45	S07 55.91	212 41.69	N13 59.10	234 07.11	N19 27.74	274 29.15	N22 07.86	209 18.53	N11 32.79	025 56.18	13.80	S15 30.69	10.50	54.74
03	016 14.21	182 24.79	S07 57.08	227 42.61	N13 58.56	249 09.03	N19 27.62	289 31.39	N22 07.86	224 18.70	N11 31.94	040 28.99	13.87	S15 20.19	10.56	54.73
04	031 16.67	197 25.14	S07 58.25	242 43.54	N13 58.02	264 10.95	N19 27.50	304 33.64	N22 07.87	239 18.86	N11 31.10	055 01.86	13.93	S15 09.63	10.62	54.71
05	046 19.14	212 25.48	S07 59.42	257 44.46	N13 57.48	279 12.87	N19 27.38	319 35.88	N22 07.87	254 19.02	N11 30.25	069 34.79	14.00	S14 59.01	10.68	54.70
06	061 21.60	227 25.83	S08 00.59	272 45.38	N13 56.94	294 14.79	N19 27.25	334 38.13	N22 07.87	269 19.18	N11 29.41	084 07.79	14.06	S14 48.33	10.74	54.69
07	076 24.07	242 26.18	S08 01.77	287 46.30	N13 56.40	309 16.71	N19 27.13	349 40.37	N22 07.87	284 19.35	N11 28.56	098 40.85	14.13	S14 37.60	10.79	54.67
08	091 26.53	257 26.53	S08 02.94	302 47.22	N13 55.86	324 18.63	N19 27.01	004 42.62	N22 07.88	299 19.51	N11 27.71	113 13.98	14.19	S14 26.81	10.85	54.66
09	106 28.99	272 26.88	S08 04.11	317 48.15	N13 55.32	339 20.55	N19 26.89	019 44.86	N22 07.88	314 19.67	N11 26.87	127 47.17	14.25	S14 15.96	10.90	54.65
10	121 31.46	287 27.23	S08 05.28	332 49.07	N13 54.78	354 22.47	N19 26.77	034 47.11	N22 07.88	329 19.84	N11 26.02	142 20.42	14.31	S14 05.06	10.95	54.63
11	136 33.92	302 27.58	S08 06.45	347 49.99	N13 54.23	009 24.38	N19 26.64	049 49.35	N22 07.89	344 20.00	N11 25.17	156 53.73	14.37	S13 54.11	11.01	54.62
12	151 36.39	317 27.93	S08 07.62	002 50.92	N13 53.69	024 26.30	N19 26.52	064 51.60	N22 07.89	359 20.17	N11 24.32	171 27.11	14.43	S13 43.10	11.06	54.61
13	166 38.85	332 28.28	S08 08.79	017 51.84	N13 53.15	039 28.22	N19 26.40	079 53.84	N22 07.89	014 20.33	N11 23.48	186 00.54	14.49	S13 32.04	11.11	54.59
14	181 41.32	347 28.63	S08 09.96	032 52.76	N13 52.61	054 30.14	N19 26.28	094 56.09	N22 07.90	029 20.49	N11 22.63	200 34.04	14.55	S13 20.93	11.16	54.58
15	196 43.78	002 28.98	S08 11.13	047 53.69	N13 52.07	069 32.06	N19 26.16	109 58.34	N22 07.90	044 20.66	N11 21.78	215 07.59	14.61	S13 09.77	11.21	54.57
16	211 46.24	017 29.34	S08 12.29	062 54.61	N13 51.53	084 33.98	N19 26.03	125 00.58	N22 07.90	059 20.82	N11 20.93	229 41.20	14.67	S12 58.57	11.25	54.55
17	226 48.71	032 29.69	S08 13.46	077 55.53	N13 50.98	099 35.90	N19 25.91	140 02.83	N22 07.90	074 20.99	N11 20.08	244 14.87	14.73	S12 47.31	11.30	54.54
18	241 51.17	047 30.04	S08 14.63	092 56.46	N13 50.44	114 37.82	N19 25.79	155 05.08	N22 07.91	089 21.15	N11 19.23	258 48.60	14.78	S12 36.01	11.35	54.53
19	256 53.64	062 30.40	S08 15.80	107 57.38	N13 49.90	129 39.74	N19 25.67	170 07.32	N22 07.91	104 21.32	N11 18.38	273 22.38	14.84	S12 24.66	11.39	54.52
20	271 56.10	077 30.75	S08 16.97	122 58.30	N13 49.36	144 41.66	N19 25.54	185 09.57	N22 07.91	119 21.49	N11 17.53	287 56.22	14.89	S12 13.27	11.44	54.50
21	286 58.56	092 31.11	S08 18.13	137 59.23	N13 48.81	159 43.58	N19 25.42	200 11.82	N22 07.92	134 21.65	N11 16.68	302 30.11	14.95	S12 01.84	11.48	54.49
22	302 01.03	107 31.47	S08 19.30	153 00.15	N13 48.27	174 45.50	N19 25.30	215 14.06	N22 07.92	149 21.82	N11 15.83	317 04.06	15.00	S11 50.36	11.52	54.48
23	317 03.49	122 31.82	S08 20.47	168 01.08	N13 47.73	189 47.42	N19 25.18	230 16.31	N22 07.92	164 21.98	N11 14.98	331 38.06	15.05	S11 38.83	11.56	54.47
24 00	332 05.96	137 32.18	S08 21.63	183 02.00	N13 47.18	204 49.34	N19 25.06	245 18.56	N22 07.92	179 22.15	N11 14.12	346 12.11	15.11	S11 27.27	11.60	54.46
01	347 08.42	152 32.54	S08 22.80	198 02.93	N13 46.64	219 51.27	N19 24.93	260 20.81	N22 07.93	194 22.32	N11 13.27	000 46.21	15.16	S11 15.67	11.64	54.44
02	002 10.88	167 32.90	S08 23.96	213 03.85	N13 46.10	234 53.19	N19 24.81	275 23.05	N22 07.93	209 22.48	N11 12.42	015 20.37	15.21	S11 04.02	11.68	54.43
03	017 13.35	182 33.26	S08 25.13	228 04.78	N13 45.55	249 55.11	N19 24.69	290 25.30	N22 07.93	224 22.65	N11 11.57	029 54.58	15.26	S10 52.34	11.72	54.42
04	032 15.81	197 33.62	S08 26.29	243 05.70	N13 45.01	264 57.03	N19 24.57	305 27.55	N22 07.93	239 22.82	N11 10.71	044 28.84	15.31	S10 40.62	11.76	54.41
05	047 18.28	212 33.98	S08 27.46	258 06.63	N13 44.47	279 58.95	N19 24.44	320 29.80	N22 07.94	254 22.98	N11 09.86	059 03.14	15.35	S10 28.86	11.79	54.40
06	062 20.74	227 34.34	S08 28.62	273 07.55	N13 43.92	295 00.87	N19 24.32	335 32.05	N22 07.94	269 23.15	N11 09.01	073 37.50	15.40	S10 17.06	11.83	54.39
07	077 23.20	242 34.70	S08 29.78	288 08.48	N13 43.38	310 02.79	N19 24.20	350 34.29	N22 07.94	284 23.32	N11 08.15	088 11.90	15.45	S10 05.23	11.86	54.38
08	092 25.67	257 35.06	S08 30.95	303 09.40	N13 42.83	325 04.71	N19 24.08	005 36.54	N22 07.95	299 23.49	N11 07.30	102 46.35	15.49	S09 53.37	11.90	54.37
09	107 28.13	272 35.43	S08 32.11	318 10.33	N13 42.29	340 06.63	N19 23.95	020 38.79	N22 07.95	314 23.66	N11 06.45	117 20.84	15.54	S09 41.47	11.93	54.36
10	122 30.60	287 35.79	S08 33.27	333 11.25	N13 41.74	355 08.55	N19 23.83	035 41.04	N22 07.95	329 23.82	N11 05.59	131 55.38	15.58	S09 29.54	11.96	54.35
11	137 33.06	302 36.15	S08 34.43	348 12.18	N13 41.20	010 10.48	N19 23.71	050 43.29	N22 07.95	344 23.99	N11 04.74	146 29.97	15.63	S09 17.58	12.00	54.34
12	152 35.52	317 36.52	S08 35.60	003 13.10	N13 40.65	025 12.40	N19 23.59	065 45.54	N22 07.96	359 24.16	N11 03.88	161 04.60	15.67	S09 05.58	12.03	54.33
13	167 37.99	332 36.88	S08 36.76	018 14.03	N13 40.11	040 14.32	N19 23.46	080 47.79	N22 07.96	014 24.33	N11 03.03	175 39.27	15.71	S08 53.56	12.06	54.32
14	182 40.45	347 37.25	S08 37.92	033 14.96	N13 39.56	055 16.24	N19 23.34	095 50.04	N22 07.96	029 24.50	N11 02.17	190 13.98	15.75	S08 41.50	12.08	54.31
15	197 42.92	002 37.61	S08 39.08	048 15.88	N13 39.02	070 18.16	N19 23.22	110 52.29	N22 07.96	044 24.67	N11 01.31	204 48.73	15.79	S08 29.42	12.11	54.30
16	212 45.38	017 37.98	S08 40.24	063 16.81	N13 38.47	085 20.08	N19 23.10	125 54.54	N22 07.97	059 24.84	N11 00.46	219 23.53	15.83	S08 17.30	12.14	54.29
17	227 47.84	032 38.35	S08 41.40	078 17.74	N13 37.93	100 22.01	N19 22.98	140 56.79	N22 07.97	074 25.01	N10 59.60	233 58.36	15.87	S08 05.16	12.17	54.28
18	242 50.31	047 38.72	S08 42.56	093 18.66	N13 37.38	115 23.93	N19 22.85	155 59.04	N22 07.97	089 25.18	N10 58.74	248 33.24	15.91	S07 53.00	12.19	54.27
19	257 52.77	062 39.09	S08 43.72	108 19.59	N13 36.83	130 25.85	N19 22.73	171 01.29	N22 07.98	104 25.35	N10 57.88	263 08.15	15.95	S07 40.81	12.22	54.26
20	272 55.24	077 39.46	S08 44.88	123 20.52	N13 36.29	145 27.77	N19 22.61	186 03.54	N22 07.98	119 25.52	N10 57.03	277 43.09	15.98	S07 28.59	12.24	54.25
21	287 57.70	092 39.83	S08 46.04	138 21.44	N13 35.74	160 29.70	N19 22.49	201 05.79	N22 07.98	134 25.69	N10 56.17	292 18.08	16.02	S07 16.35	12.26	54.24
22	303 00.16	107 40.20	S08 47.19	153 22.37	N13 35.19	175 31.62	N19 22.36	216 08.04	N22 07.98	149 25.86	N10 55.31	306 53.10	16.05	S07 04.09	12.29	54.24
23	318 02.63	122 40.57	S08 48.35	168 23.30	N13 34.65	190 33.54	N19 22.24	231 10.29	N22 07.99	164 26.03	N10 54.45	321 28.15	16.09	S06 51.80	12.31	54.23
		v 0.36	d 1.17	v 0.92	d 0.54	v 1.92	d 0.12	v 2.25	d 0.00	v 0.17	d 0.85	SD	14.88	14.80		
		HP 0.22		HP 0.05						SD 15.82	HP 0.14					

Sunday August 25, 2002 through Monday August 26, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
25 00	333 05.09	137 40.94	S08 49.51	183 24.23	N13 34.10	205 35.46	N19 22.12	246 12.54	N22 07.99	179 26.20	N10 53.59	336 03.24	16.12	S06 39.49	12.33	54.22
01	348 07.56	152 41.31	S08 50.67	198 25.15	N13 33.55	220 37.39	N19 22.00	261 14.79	N22 07.99	194 26.37	N10 52.73	350 38.36	16.15	S06 27.16	12.35	54.21
02	003 10.02	167 41.68	S08 51.82	213 26.08	N13 33.01	235 39.31	N19 21.87	276 17.04	N22 07.99	209 26.54	N10 51.87	005 13.52	16.18	S06 14.81	12.37	54.20
03	018 12.48	182 42.06	S08 52.98	228 27.01	N13 32.46	250 41.23	N19 21.75	291 19.29	N22 08.00	224 26.71	N10 51.01	019 48.70	16.21	S06 02.44	12.39	54.20
04	033 14.95	197 42.43	S08 54.14	243 27.94	N13 31.91	265 43.16	N19 21.63	306 21.55	N22 08.00	239 26.88	N10 50.15	034 23.91	16.24	S05 50.06	12.41	54.19
05	048 17.41	212 42.81	S08 55.29	258 28.86	N13 31.36	280 45.08	N19 21.51	321 23.80	N22 08.00	254 27.05	N10 49.29	048 59.16	16.27	S05 37.65	12.42	54.18
06	063 19.88	227 43.18	S08 56.45	273 29.79	N13 30.82	295 47.00	N19 21.38	336 26.05	N22 08.00	269 27.23	N10 48.43	063 34.43	16.30	S05 25.23	12.44	54.17
07	078 22.34	242 43.56	S08 57.60	288 30.72	N13 30.27	310 48.92	N19 21.26	351 28.30	N22 08.01	284 27.40	N10 47.57	078 09.73	16.33	S05 12.79	12.46	54.17
08	093 24.81	257 43.93	S08 58.76	303 31.65	N13 29.72	325 50.85	N19 21.14	006 30.55	N22 08.01	299 27.57	N10 46.71	092 45.06	16.35	S05 00.33	12.47	54.16
09	108 27.27	272 44.31	S08 59.91	318 32.58	N13 29.17	340 52.77	N19 21.02	021 32.81	N22 08.01	314 27.74	N10 45.85	107 20.41	16.38	S04 47.86	12.48	54.15
10	123 29.73	287 44.69	S09 01.07	333 33.51	N13 28.62	355 54.70	N19 20.89	036 35.06	N22 08.01	329 27.91	N10 44.99	121 55.79	16.40	S04 35.38	12.50	54.15
11	138 32.20	302 45.07	S09 02.22	348 34.43	N13 28.08	010 56.62	N19 20.77	051 37.31	N22 08.02	344 28.09	N10 44.12	136 31.19	16.43	S04 22.88	12.51	54.14
12	153 34.66	317 45.45	S09 03.37	003 35.36	N13 27.53	025 58.54	N19 20.65	066 39.56	N22 08.02	359 28.26	N10 43.26	151 06.62	16.45	S04 10.37	12.52	54.14
13	168 37.13	332 45.83	S09 04.53	018 36.29	N13 26.98	041 00.47	N19 20.53	081 41.82	N22 08.02	014 28.43	N10 42.40	165 42.06	16.47	S03 57.85	12.53	54.13
14	183 39.59	347 46.21	S09 05.68	033 37.22	N13 26.43	056 02.39	N19 20.40	096 44.07	N22 08.02	029 28.61	N10 41.54	180 17.53	16.49	S03 45.31	12.54	54.12
15	198 42.05	002 46.59	S09 06.83	048 38.15	N13 25.88	071 04.31	N19 20.28	111 46.32	N22 08.03	044 28.78	N10 40.67	194 53.03	16.51	S03 32.77	12.55	54.12
16	213 44.52	017 46.97	S09 07.98	063 39.08	N13 25.33	086 06.24	N19 20.16	126 48.58	N22 08.03	059 28.95	N10 39.81	209 28.54	16.53	S03 20.21	12.56	54.11
17	228 46.98	032 47.35	S09 09.14	078 40.01	N13 24.78	101 08.16	N19 20.04	141 50.83	N22 08.03	074 29.13	N10 38.95	224 04.06	16.55	S03 07.65	12.57	54.11
18	243 49.45	047 47.73	S09 10.29	093 40.94	N13 24.23	116 10.09	N19 19.91	156 53.08	N22 08.03	089 29.30	N10 38.08	238 39.61	16.56	S02 55.08	12.58	54.10
19	258 51.91	062 48.11	S09 11.44	108 41.87	N13 23.68	131 12.01	N19 19.79	171 55.34	N22 08.03	104 29.47	N10 37.22	253 15.18	16.58	S02 42.49	12.59	54.10
20	273 54.37	077 48.50	S09 12.59	123 42.80	N13 23.13	146 13.94	N19 19.67	186 57.59	N22 08.04	119 29.65	N10 36.35	267 50.76	16.60	S02 29.91	12.59	54.09
21	288 56.84	092 48.88	S09 13.74	138 43.73	N13 22.58	161 15.86	N19 19.55	201 59.85	N22 08.04	134 29.82	N10 35.49	282 26.35	16.61	S02 17.31	12.60	54.09
22	303 59.30	107 49.27	S09 14.89	153 44.66	N13 22.03	176 17.79	N19 19.42	217 02.10	N22 08.04	149 30.00	N10 34.62	297 01.96	16.62	S02 04.71	12.60	54.09
23	319 01.77	122 49.65	S09 16.04	168 45.59	N13 21.48	191 19.71	N19 19.30	232 04.35	N22 08.04	164 30.17	N10 33.76	311 37.58	16.64	S01 52.11	12.61	54.08
26 00	334 04.23	137 50.04	S09 17.19	183 46.52	N13 20.93	206 21.63	N19 19.18	247 06.61	N22 08.05	179 30.35	N10 32.89	326 13.22	16.65	S01 39.50	12.61	54.08
01	349 06.69	152 50.43	S09 18.34	198 47.45	N13 20.38	221 23.56	N19 19.06	262 08.86	N22 08.05	194 30.52	N10 32.02	340 48.87	16.66	S01 26.89	12.62	54.07
02	004 09.16	167 50.81	S09 19.48	213 48.38	N13 19.83	236 25.48	N19 18.93	277 11.12	N22 08.05	209 30.70	N10 31.16	355 24.53	16.67	S01 14.27	12.62	54.07
03	019 11.62	182 51.20	S09 20.63	228 49.31	N13 19.28	251 27.41	N19 18.81	292 13.37	N22 08.05	224 30.87	N10 30.29	010 00.20	16.68	S01 01.65	12.62	54.07
04	034 14.09	197 51.59	S09 21.78	243 50.24	N13 18.73	266 29.34	N19 18.69	307 15.63	N22 08.06	239 31.05	N10 29.42	024 35.87	16.69	S00 49.03	12.62	54.07
05	049 16.55	212 51.98	S09 22.93	258 51.17	N13 18.18	281 31.26	N19 18.56	322 17.88	N22 08.06	254 31.22	N10 28.55	039 11.56	16.69	S00 36.41	12.62	54.06
06	064 19.01	227 52.37	S09 24.07	273 52.10	N13 17.63	296 33.19	N19 18.44	337 20.14	N22 08.06	269 31.40	N10 27.69	053 47.25	16.70	S00 23.79	12.62	54.06
07	079 21.48	242 52.76	S09 25.22	288 53.03	N13 17.08	311 35.11	N19 18.32	352 22.40	N22 08.06	284 31.58	N10 26.82	068 22.95	16.70	S00 11.17	12.62	54.06
08	094 23.94	257 53.15	S09 26.37	303 53.96	N13 16.53	326 37.04	N19 18.20	007 24.65	N22 08.06	299 31.75	N10 25.95	082 58.65	16.71	N00 01.45	12.62	54.06
09	109 26.41	272 53.54	S09 27.51	318 54.89	N13 15.97	341 38.96	N19 18.07	022 26.91	N22 08.07	314 31.93	N10 25.08	097 34.36	16.71	N00 14.06	12.61	54.05
10	124 28.87	287 53.93	S09 28.66	333 55.83	N13 15.42	356 40.89	N19 17.95	037 29.16	N22 08.07	329 32.10	N10 24.21	112 10.07	16.71	N00 26.68	12.61	54.05
11	139 31.33	302 54.33	S09 29.80	348 56.76	N13 14.87	011 42.81	N19 17.83	052 31.42	N22 08.07	344 32.28	N10 23.34	126 45.79	16.72	N00 39.29	12.61	54.05
12	154 33.80	317 54.72	S09 30.95	003 57.69	N13 14.32	026 44.74	N19 17.71	067 33.68	N22 08.07	359 32.46	N10 22.47	141 21.50	16.72	N00 51.90	12.60	54.05
13	169 36.26	332 55.12	S09 32.09	018 58.62	N13 13.77	041 46.67	N19 17.58	082 35.93	N22 08.08	014 32.64	N10 21.60	155 57.22	16.72	N01 04.50	12.60	54.05
14	184 38.73	347 55.51	S09 33.23	033 59.55	N13 13.21	056 48.59	N19 17.46	097 38.19	N22 08.08	029 32.81	N10 20.73	170 32.94	16.72	N01 17.10	12.59	54.05
15	199 41.19	002 55.91	S09 34.38	049 00.48	N13 12.66	071 50.52	N19 17.34	112 40.45	N22 08.08	044 32.99	N10 19.86	185 08.65	16.71	N01 29.69	12.59	54.05
16	214 43.65	017 56.30	S09 35.52	064 01.42	N13 12.11	086 52.45	N19 17.22	127 42.70	N22 08.08	059 33.17	N10 18.99	199 44.36	16.71	N01 42.28	12.58	54.05
17	229 46.12	032 56.70	S09 36.66	079 02.35	N13 11.56	101 54.37	N19 17.09	142 44.96	N22 08.08	074 33.34	N10 18.12	214 20.07	16.71	N01 54.86	12.57	54.05
18	244 48.58	047 57.10	S09 37.81	094 03.28	N13 11.00	116 56.30	N19 16.97	157 47.22	N22 08.09	089 33.52	N10 17.25	228 55.78	16.70	N02 07.43	12.56	54.05
19	259 51.05	062 57.49	S09 38.95	109 04.21	N13 10.45	131 58.22	N19 16.85	172 49.48	N22 08.09	104 33.70	N10 16.38	243 31.48	16.70	N02 19.99	12.55	54.05
20	274 53.51	077 57.89	S09 40.09	124 05.15	N13 09.90	147 00.15	N19 16.72	187 51.73	N22 08.09	119 33.88	N10 15.51	258 07.18	16.69	N02 32.55	12.54	54.05
21	289 55.97	092 58.29	S09 41.23	139 06.08	N13 09.35	162 02.08	N19 16.60	202 53.99	N22 08.09	134 34.06	N10 14.64	272 42.86	16.68	N02 45.09	12.53	54.05
22	304 58.44	107 58.69	S09 42.37	154 07.01	N13 08.79	177 04.01	N19 16.48	217 56.25	N22 08.10	149 34.24	N10 13.76	287 18.54	16.67	N02 57.62	12.52	54.05
23	320 00.90	122 59.09	S09 43.51	169 07.94	N13 08.24	192 05.93	N19 16.36	232 58.51	N22 08.10	164 34.41	N10 12.89	301 54.22	16.66	N03 10.14	12.51	54.05
		v 0.39	d 1.15	v 0.93	d 0.55	v 1.92	d 0.12	v 2.25	d 0.00	v 0.18	d 0.87	SD	14.75	14.73		
		HP 0.22		HP 0.05						SD 15.83	HP 0.15					

Tuesday August 27, 2002 through Wednesday August 28, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON					
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
27 00	335 03.37	137 59.49	S09 44.65	184 08.88	N13 07.68	207 07.86	N19 16.23	248 00.76	N22 08.10	179 34.59	N10 12.02	316 29.88	16.65	N03 22.65	12.50	54.05
01	350 05.83	152 59.89	S09 45.79	199 09.81	N13 07.13	222 09.79	N19 16.11	263 03.02	N22 08.10	194 34.77	N10 11.14	331 05.53	16.64	N03 35.15	12.48	54.05
02	005 08.29	168 00.30	S09 46.93	214 10.74	N13 06.58	237 11.71	N19 15.99	278 05.28	N22 08.10	209 34.95	N10 10.27	345 41.17	16.63	N03 47.64	12.47	54.06
03	020 10.76	183 00.70	S09 48.07	229 11.68	N13 06.02	252 13.64	N19 15.87	293 07.54	N22 08.11	224 35.13	N10 09.40	000 16.80	16.61	N04 00.11	12.46	54.06
04	035 13.22	198 01.10	S09 49.21	244 12.61	N13 05.47	267 15.57	N19 15.74	308 09.80	N22 08.11	239 35.31	N10 08.52	014 52.42	16.60	N04 12.57	12.44	54.06
05	050 15.69	213 01.51	S09 50.34	259 13.54	N13 04.91	282 17.50	N19 15.62	323 12.06	N22 08.11	254 35.49	N10 07.65	029 28.02	16.59	N04 25.01	12.43	54.06
06	065 18.15	228 01.91	S09 51.48	274 14.48	N13 04.36	297 19.42	N19 15.50	338 14.32	N22 08.11	269 35.67	N10 06.77	044 03.60	16.57	N04 37.43	12.41	54.07
07	080 20.61	243 02.32	S09 52.62	289 15.41	N13 03.80	312 21.35	N19 15.37	353 16.58	N22 08.11	284 35.85	N10 05.90	058 39.17	16.55	N04 49.84	12.39	54.07
08	095 23.08	258 02.72	S09 53.76	304 16.35	N13 03.25	327 23.28	N19 15.25	008 18.84	N22 08.12	299 36.03	N10 05.02	073 14.72	16.53	N05 02.24	12.37	54.07
09	110 25.54	273 03.13	S09 54.89	319 17.28	N13 02.70	342 25.21	N19 15.13	023 21.10	N22 08.12	314 36.21	N10 04.15	087 50.26	16.52	N05 14.61	12.36	54.08
10	125 28.01	288 03.54	S09 56.03	334 18.21	N13 02.14	357 27.14	N19 15.01	038 23.36	N22 08.12	329 36.39	N10 03.27	102 25.77	16.50	N05 26.97	12.34	54.08
11	140 30.47	303 03.95	S09 57.16	349 19.15	N13 01.58	012 29.06	N19 14.88	053 25.62	N22 08.12	344 36.57	N10 02.40	117 01.27	16.47	N05 39.30	12.32	54.08
12	155 32.94	318 04.35	S09 58.30	004 20.08	N13 01.03	027 30.99	N19 14.76	068 27.88	N22 08.12	359 36.75	N10 01.52	131 36.74	16.45	N05 51.62	12.30	54.09
13	170 35.40	333 04.76	S09 59.43	019 21.02	N13 00.47	042 32.92	N19 14.64	083 30.14	N22 08.13	014 36.93	N10 00.64	146 12.20	16.43	N06 03.92	12.28	54.09
14	185 37.86	348 05.17	S10 00.57	034 21.95	N12 59.92	057 34.85	N19 14.52	098 32.40	N22 08.13	029 37.11	N09 59.77	160 47.63	16.41	N06 16.19	12.25	54.10
15	200 40.33	003 05.58	S10 01.70	049 22.89	N12 59.36	072 36.78	N19 14.39	113 34.66	N22 08.13	044 37.30	N09 58.89	175 23.03	16.38	N06 28.45	12.23	54.10
16	215 42.79	018 05.99	S10 02.84	064 23.82	N12 58.81	087 38.71	N19 14.27	128 36.92	N22 08.13	059 37.48	N09 58.01	189 58.42	16.36	N06 40.68	12.21	54.11
17	230 45.26	033 06.41	S10 03.97	079 24.75	N12 58.25	102 40.63	N19 14.15	143 39.18	N22 08.13	074 37.66	N09 57.13	204 33.77	16.33	N06 52.89	12.19	54.11
18	245 47.72	048 06.82	S10 05.10	094 25.69	N12 57.69	117 42.56	N19 14.02	158 41.44	N22 08.14	089 37.84	N09 56.26	219 09.11	16.30	N07 05.08	12.16	54.12
19	260 50.18	063 07.23	S10 06.24	109 26.63	N12 57.14	132 44.49	N19 13.90	173 43.70	N22 08.14	104 38.02	N09 55.38	233 44.41	16.28	N07 17.24	12.14	54.12
20	275 52.65	078 07.65	S10 07.37	124 27.56	N12 56.58	147 46.42	N19 13.78	188 45.96	N22 08.14	119 38.20	N09 54.50	248 19.68	16.25	N07 29.37	12.11	54.13
21	290 55.11	093 08.06	S10 08.50	139 28.50	N12 56.02	162 48.35	N19 13.66	203 48.22	N22 08.14	134 38.39	N09 53.62	262 54.93	16.22	N07 41.48	12.08	54.14
22	305 57.58	108 08.48	S10 09.63	154 29.43	N12 55.47	177 50.28	N19 13.53	218 50.48	N22 08.14	149 38.57	N09 52.74	277 30.15	16.18	N07 53.57	12.06	54.14
23	321 00.04	123 08.89	S10 10.76	169 30.37	N12 54.91	192 52.21	N19 13.41	233 52.75	N22 08.15	164 38.75	N09 51.86	292 05.33	16.15	N08 05.62	12.03	54.15
28 00	336 02.50	138 09.31	S10 11.89	184 31.30	N12 54.35	207 54.14	N19 13.29	248 55.01	N22 08.15	179 38.93	N09 50.98	306 40.48	16.12	N08 17.65	12.00	54.16
01	351 04.97	153 09.72	S10 13.02	199 32.24	N12 53.80	222 56.07	N19 13.16	263 57.27	N22 08.15	194 39.12	N09 50.10	321 15.60	16.09	N08 29.65	11.97	54.17
02	006 07.43	168 10.14	S10 14.15	214 33.17	N12 53.24	237 58.00	N19 13.04	278 59.53	N22 08.15	209 39.30	N09 49.22	335 50.69	16.05	N08 41.62	11.94	54.17
03	021 09.90	183 10.56	S10 15.28	229 34.11	N12 52.68	252 59.93	N19 12.92	294 01.80	N22 08.15	224 39.48	N09 48.34	350 25.74	16.02	N08 53.56	11.91	54.18
04	036 12.36	198 10.98	S10 16.41	244 35.05	N12 52.12	268 01.86	N19 12.80	309 04.06	N22 08.15	239 39.67	N09 47.46	005 00.75	15.98	N09 05.47	11.88	54.19
05	051 14.82	213 11.40	S10 17.54	259 35.98	N12 51.57	283 03.79	N19 12.67	324 06.32	N22 08.16	254 39.85	N09 46.58	019 35.73	15.94	N09 17.35	11.85	54.20
06	066 17.29	228 11.82	S10 18.67	274 36.92	N12 51.01	298 05.72	N19 12.55	339 08.58	N22 08.16	269 40.03	N09 45.70	034 10.67	15.90	N09 29.20	11.81	54.21
07	081 19.75	243 12.24	S10 19.79	289 37.86	N12 50.45	313 07.65	N19 12.43	354 10.85	N22 08.16	284 40.22	N09 44.82	048 45.58	15.86	N09 41.02	11.78	54.22
08	096 22.22	258 12.66	S10 20.92	304 38.79	N12 49.89	328 09.58	N19 12.30	009 13.11	N22 08.16	299 40.40	N09 43.94	063 20.44	15.82	N09 52.80	11.75	54.23
09	111 24.68	273 13.08	S10 22.05	319 39.73	N12 49.33	343 11.51	N19 12.18	024 15.37	N22 08.16	314 40.58	N09 43.05	077 55.26	15.78	N10 04.54	11.71	54.24
10	126 27.14	288 13.51	S10 23.18	334 40.67	N12 48.78	358 13.44	N19 12.06	039 17.64	N22 08.17	329 40.77	N09 42.17	092 30.05	15.74	N10 16.26	11.68	54.25
11	141 29.61	303 13.93	S10 24.30	349 41.60	N12 48.22	013 15.37	N19 11.94	054 19.90	N22 08.17	344 40.95	N09 41.29	107 04.79	15.70	N10 27.93	11.64	54.26
12	156 32.07	318 14.35	S10 25.43	004 42.54	N12 47.66	028 17.30	N19 11.81	069 22.16	N22 08.17	359 41.14	N09 40.41	121 39.48	15.65	N10 39.57	11.60	54.27
13	171 34.54	333 14.78	S10 26.55	019 43.48	N12 47.10	043 19.23	N19 11.69	084 24.43	N22 08.17	014 41.32	N09 39.52	136 14.13	15.61	N10 51.18	11.57	54.28
14	186 37.00	348 15.21	S10 27.68	034 44.41	N12 46.54	058 21.16	N19 11.57	099 26.69	N22 08.17	029 41.51	N09 38.64	150 48.74	15.56	N11 02.74	11.53	54.29
15	201 39.46	003 15.63	S10 28.80	049 45.35	N12 45.98	073 23.09	N19 11.44	114 28.96	N22 08.17	044 41.69	N09 37.76	165 23.30	15.52	N11 14.27	11.49	54.30
16	216 41.93	018 16.06	S10 29.93	064 46.29	N12 45.42	088 25.02	N19 11.32	129 31.22	N22 08.18	059 41.88	N09 36.87	179 57.82	15.47	N11 25.76	11.45	54.31
17	231 44.39	033 16.49	S10 31.05	079 47.23	N12 44.86	103 26.95	N19 11.20	144 33.48	N22 08.18	074 42.06	N09 35.99	194 32.29	15.42	N11 37.20	11.41	54.32
18	246 46.86	048 16.91	S10 32.17	094 48.16	N12 44.30	118 28.88	N19 11.08	159 35.75	N22 08.18	089 42.25	N09 35.10	209 06.71	15.37	N11 48.61	11.37	54.33
19	261 49.32	063 17.34	S10 33.29	109 49.10	N12 43.74	133 30.82	N19 10.95	174 38.01	N22 08.18	104 42.43	N09 34.22	223 41.08	15.32	N11 59.98	11.32	54.35
20	276 51.78	078 17.77	S10 34.42	124 50.04	N12 43.18	148 32.75	N19 10.83	189 40.28	N22 08.18	119 42.62	N09 33.33	238 15.40	15.27	N12 11.30	11.28	54.36
21	291 54.25	093 18.20	S10 35.54	139 50.98	N12 42.62	163 34.68	N19 10.71	204 42.54	N22 08.18	134 42.80	N09 32.45	252 49.67	15.22	N12 22.58	11.24	54.37
22	306 56.71	108 18.63	S10 36.66	154 51.92	N12 42.06	178 36.61	N19 10.58	219 44.81	N22 08.19	149 42.99	N09 31.56	267 23.88	15.16	N12 33.82	11.19	54.39
23	321 59.18	123 19.06	S10 37.78	169 52.85	N12 41.50	193 38.54	N19 10.46	234 47.08	N22 08.19	164 43.18	N09 30.68	281 58.05	15.11	N12 45.01	11.15	54.40
		v 0.42	d 1.13	v 0.94	d 0.56	v 1.93	d 0.12	v 2.26	d 0.00	v 0.18	d 0.88	SD	14.74	14.79		
		HP 0.23		HP 0.05						SD 15.83	HP 0.15					

Thursday August 29, 2002 through Friday August 30, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
29 00	337 01.64	138 19.50	S10 38.90	184 53.79	N12 40.94	208 40.47	N19 10.34	249 49.34	N22 08.19	179 43.36	N09 29.79	296 32.15	15.06	N12 56.16	11.10	54.41
01	352 04.11	153 19.93	S10 40.02	199 54.73	N12 40.38	223 42.41	N19 10.22	264 51.61	N22 08.19	194 43.55	N09 28.91	311 06.21	15.00	N13 07.26	11.05	54.43
02	007 06.57	168 20.36	S10 41.14	214 55.67	N12 39.82	238 44.34	N19 10.09	279 53.87	N22 08.19	209 43.74	N09 28.02	325 40.21	14.94	N13 18.31	11.01	54.44
03	022 09.03	183 20.80	S10 42.26	229 56.61	N12 39.26	253 46.27	N19 09.97	294 56.14	N22 08.19	224 43.92	N09 27.13	340 14.15	14.89	N13 29.32	10.96	54.46
04	037 11.50	198 21.23	S10 43.38	244 57.55	N12 38.70	268 48.20	N19 09.85	309 58.41	N22 08.20	239 44.11	N09 26.24	354 48.04	14.83	N13 40.28	10.91	54.47
05	052 13.96	213 21.67	S10 44.50	259 58.49	N12 38.14	283 50.13	N19 09.72	325 00.67	N22 08.20	254 44.30	N09 25.36	009 21.87	14.77	N13 51.19	10.86	54.49
06	067 16.43	228 22.10	S10 45.62	274 59.42	N12 37.58	298 52.07	N19 09.60	340 02.94	N22 08.20	269 44.48	N09 24.47	023 55.64	14.71	N14 02.05	10.81	54.50
07	082 18.89	243 22.54	S10 46.73	290 00.36	N12 37.02	313 54.00	N19 09.48	355 05.21	N22 08.20	284 44.67	N09 23.58	038 29.34	14.65	N14 12.86	10.76	54.52
08	097 21.35	258 22.98	S10 47.85	305 01.30	N12 36.46	328 55.93	N19 09.35	010 07.47	N22 08.20	299 44.86	N09 22.69	053 02.99	14.59	N14 23.61	10.70	54.53
09	112 23.82	273 23.42	S10 48.97	320 02.24	N12 35.90	343 57.86	N19 09.23	025 09.74	N22 08.20	314 45.05	N09 21.80	067 36.58	14.52	N14 34.32	10.65	54.55
10	127 26.28	288 23.86	S10 50.09	335 03.18	N12 35.33	358 59.80	N19 09.11	040 12.01	N22 08.21	329 45.23	N09 20.92	082 10.10	14.46	N14 44.97	10.60	54.57
11	142 28.75	303 24.30	S10 51.20	350 04.12	N12 34.77	014 01.73	N19 08.99	055 14.27	N22 08.21	344 45.42	N09 20.03	096 43.57	14.40	N14 55.56	10.54	54.58
12	157 31.21	318 24.74	S10 52.32	005 05.06	N12 34.21	029 03.66	N19 08.86	070 16.54	N22 08.21	359 45.61	N09 19.14	111 16.96	14.33	N15 06.11	10.49	54.60
13	172 33.67	333 25.18	S10 53.43	020 06.00	N12 33.65	044 05.60	N19 08.74	085 18.81	N22 08.21	014 45.80	N09 18.25	125 50.30	14.27	N15 16.59	10.43	54.62
14	187 36.14	348 25.62	S10 54.55	035 06.94	N12 33.09	059 07.53	N19 08.62	100 21.08	N22 08.21	029 45.99	N09 17.36	140 23.56	14.20	N15 27.02	10.37	54.63
15	202 38.60	003 26.06	S10 55.66	050 07.88	N12 32.52	074 09.46	N19 08.49	115 23.34	N22 08.21	044 46.17	N09 16.47	154 56.77	14.13	N15 37.39	10.31	54.65
16	217 41.07	018 26.50	S10 56.77	065 08.82	N12 31.96	089 11.40	N19 08.37	130 25.61	N22 08.21	059 46.36	N09 15.58	169 29.90	14.07	N15 47.71	10.25	54.67
17	232 43.53	033 26.95	S10 57.89	080 09.76	N12 31.40	104 13.33	N19 08.25	145 27.88	N22 08.22	074 46.55	N09 14.69	184 02.97	14.00	N15 57.96	10.19	54.69
18	247 45.99	048 27.39	S10 59.00	095 10.70	N12 30.84	119 15.26	N19 08.13	160 30.15	N22 08.22	089 46.74	N09 13.80	198 35.96	13.93	N16 08.16	10.13	54.71
19	262 48.46	063 27.84	S11 00.11	110 11.64	N12 30.27	134 17.20	N19 08.00	175 32.42	N22 08.22	104 46.93	N09 12.91	213 08.89	13.86	N16 18.29	10.07	54.73
20	277 50.92	078 28.28	S11 01.23	125 12.58	N12 29.71	149 19.13	N19 07.88	190 34.69	N22 08.22	119 47.12	N09 12.01	227 41.75	13.79	N16 28.36	10.01	54.75
21	292 53.39	093 28.73	S11 02.34	140 13.52	N12 29.15	164 21.06	N19 07.76	205 36.96	N22 08.22	134 47.31	N09 11.12	242 14.54	13.72	N16 38.37	09.95	54.77
22	307 55.85	108 29.18	S11 03.45	155 14.46	N12 28.58	179 23.00	N19 07.63	220 39.23	N22 08.22	149 47.50	N09 10.23	256 47.25	13.64	N16 48.31	09.88	54.79
23	322 58.32	123 29.62	S11 04.56	170 15.40	N12 28.02	194 24.93	N19 07.51	235 41.49	N22 08.23	164 47.69	N09 09.34	271 19.90	13.57	N16 58.20	09.82	54.81
30 00	338 00.78	138 30.07	S11 05.67	185 16.34	N12 27.46	209 26.87	N19 07.39	250 43.76	N22 08.23	179 47.88	N09 08.45	285 52.47	13.50	N17 08.01	09.75	54.83
01	353 03.24	153 30.52	S11 06.78	200 17.29	N12 26.89	224 28.80	N19 07.26	265 46.03	N22 08.23	194 48.07	N09 07.55	300 24.97	13.42	N17 17.76	09.68	54.85
02	008 05.71	168 30.97	S11 07.89	215 18.23	N12 26.33	239 30.73	N19 07.14	280 48.30	N22 08.23	209 48.26	N09 06.66	314 57.39	13.35	N17 27.44	09.61	54.87
03	023 08.17	183 31.42	S11 09.00	230 19.17	N12 25.76	254 32.67	N19 07.02	295 50.57	N22 08.23	224 48.45	N09 05.77	329 29.74	13.27	N17 37.05	09.54	54.89
04	038 10.64	198 31.87	S11 10.11	245 20.11	N12 25.20	269 34.60	N19 06.90	310 52.84	N22 08.23	239 48.64	N09 04.88	344 02.01	13.20	N17 46.60	09.47	54.91
05	053 13.10	213 32.33	S11 11.22	260 21.05	N12 24.64	284 36.54	N19 06.77	325 55.11	N22 08.23	254 48.83	N09 03.98	358 34.20	13.12	N17 56.07	09.40	54.93
06	068 15.56	228 32.78	S11 12.32	275 21.99	N12 24.07	299 38.47	N19 06.65	340 57.38	N22 08.24	269 49.02	N09 03.09	013 06.32	13.04	N18 05.48	09.33	54.95
07	083 18.03	243 33.23	S11 13.43	290 22.93	N12 23.51	314 40.41	N19 06.53	355 59.65	N22 08.24	284 49.21	N09 02.19	027 38.36	12.96	N18 14.81	09.26	54.98
08	098 20.49	258 33.69	S11 14.54	305 23.88	N12 22.94	329 42.34	N19 06.40	011 01.93	N22 08.24	299 49.40	N09 01.30	042 10.32	12.88	N18 24.07	09.18	55.00
09	113 22.96	273 34.14	S11 15.64	320 24.82	N12 22.38	344 44.28	N19 06.28	026 04.20	N22 08.24	314 49.59	N09 00.40	056 42.21	12.80	N18 33.25	09.11	55.02
10	128 25.42	288 34.60	S11 16.75	335 25.76	N12 21.81	359 46.21	N19 06.16	041 06.47	N22 08.24	329 49.78	N08 59.51	071 14.01	12.72	N18 42.36	09.03	55.04
11	143 27.88	303 35.05	S11 17.85	350 26.70	N12 21.25	014 48.15	N19 06.03	056 08.74	N22 08.24	344 49.97	N08 58.61	085 45.74	12.64	N18 51.40	08.96	55.07
12	158 30.35	318 35.51	S11 18.96	005 27.64	N12 20.68	029 50.08	N19 05.91	071 11.01	N22 08.24	359 50.16	N08 57.72	100 17.38	12.56	N19 00.35	08.88	55.09
13	173 32.81	333 35.97	S11 20.06	020 28.59	N12 20.12	044 52.02	N19 05.79	086 13.28	N22 08.24	014 50.35	N08 56.82	114 48.94	12.48	N19 09.23	08.80	55.12
14	188 35.28	348 36.43	S11 21.17	035 29.53	N12 19.55	059 53.95	N19 05.67	101 15.55	N22 08.25	029 50.55	N08 55.93	129 20.42	12.40	N19 18.03	08.72	55.14
15	203 37.74	003 36.89	S11 22.27	050 30.47	N12 18.99	074 55.89	N19 05.54	116 17.82	N22 08.25	044 50.74	N08 55.03	143 51.82	12.32	N19 26.75	08.64	55.17
16	218 40.21	018 37.35	S11 23.38	065 31.41	N12 18.42	089 57.83	N19 05.42	131 20.10	N22 08.25	059 50.93	N08 54.14	158 23.14	12.23	N19 35.39	08.56	55.19
17	233 42.67	033 37.81	S11 24.48	080 32.36	N12 17.86	104 59.76	N19 05.30	146 22.37	N22 08.25	074 51.12	N08 53.24	172 54.37	12.15	N19 43.95	08.48	55.21
18	248 45.13	048 38.27	S11 25.58	095 33.30	N12 17.29	120 01.70	N19 05.17	161 24.64	N22 08.25	089 51.31	N08 52.34	187 25.52	12.07	N19 52.43	08.39	55.24
19	263 47.60	063 38.73	S11 26.68	110 34.24	N12 16.72	135 03.63	N19 05.05	176 26.91	N22 08.25	104 51.51	N08 51.44	201 56.58	11.98	N20 00.82	08.31	55.27
20	278 50.06	078 39.19	S11 27.78	125 35.19	N12 16.16	150 05.57	N19 04.93	191 29.19	N22 08.25	119 51.70	N08 50.55	216 27.56	11.90	N20 09.13	08.22	55.29
21	293 52.53	093 39.66	S11 28.89	140 36.13	N12 15.59	165 07.51	N19 04.80	206 31.46	N22 08.26	134 51.89	N08 49.65	230 58.46	11.81	N20 17.35	08.13	55.32
22	308 54.99	108 40.12	S11 29.99	155 37.07	N12 15.03	180 09.44	N19 04.68	221 33.73	N22 08.26	149 52.08	N08 48.75	245 29.27	11.73	N20 25.49	08.05	55.34
23	323 57.45	123 40.58	S11 31.09	170 38.02	N12 14.46	195 11.38	N19 04.56	236 36.01	N22 08.26	164 52.28	N08 47.85	259 60.00	11.64	N20 33.53	07.96	55.37
		v 0.45	d 1.11	v 0.94	d 0.56	v 1.93	d 0.12	v 2.27	d 0.00	v 0.19	d 0.89	SD	14.87	15.01		
		HP 0.23		HP 0.06						SD 15.84	HP 0.15					

Saturday August 31, 2002 through Sunday September 01, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
31 00	338 59.92	138 41.05	S11 32.19	185 38.96	N12 13.89	210 13.32	N19 04.44	251 38.28	N22 08.26	179 52.47	N08 46.96	274 30.64	11.55	N20 41.49	07.87	55.40
01	354 02.38	153 41.52	S11 33.28	200 39.90	N12 13.33	225 15.25	N19 04.31	266 40.55	N22 08.26	194 52.66	N08 46.06	289 01.19	11.47	N20 49.36	07.78	55.43
02	009 04.85	168 41.98	S11 34.38	215 40.85	N12 12.76	240 17.19	N19 04.19	281 42.83	N22 08.26	209 52.86	N08 45.16	303 31.65	11.38	N20 57.13	07.68	55.45
03	024 07.31	183 42.45	S11 35.48	230 41.79	N12 12.19	255 19.13	N19 04.07	296 45.10	N22 08.26	224 53.05	N08 44.26	318 02.03	11.29	N21 04.82	07.59	55.48
04	039 09.77	198 42.92	S11 36.58	245 42.73	N12 11.62	270 21.06	N19 03.94	311 47.37	N22 08.26	239 53.24	N08 43.36	332 32.33	11.20	N21 12.41	07.50	55.51
05	054 12.24	213 43.39	S11 37.68	260 43.68	N12 11.06	285 23.00	N19 03.82	326 49.65	N22 08.27	254 53.44	N08 42.46	347 02.53	11.12	N21 19.91	07.40	55.54
06	069 14.70	228 43.86	S11 38.77	275 44.62	N12 10.49	300 24.94	N19 03.70	341 51.92	N22 08.27	269 53.63	N08 41.56	001 32.65	11.03	N21 27.31	07.31	55.57
07	084 17.17	243 44.33	S11 39.87	290 45.57	N12 09.92	315 26.87	N19 03.57	356 54.20	N22 08.27	284 53.82	N08 40.66	016 02.68	10.94	N21 34.62	07.21	55.59
08	099 19.63	258 44.80	S11 40.97	305 46.51	N12 09.35	330 28.81	N19 03.45	011 56.47	N22 08.27	299 54.02	N08 39.76	030 32.62	10.85	N21 41.83	07.11	55.62
09	114 22.10	273 45.27	S11 42.06	320 47.46	N12 08.79	345 30.75	N19 03.33	026 58.75	N22 08.27	314 54.21	N08 38.86	045 02.47	10.76	N21 48.94	07.01	55.65
10	129 24.56	288 45.74	S11 43.16	335 48.40	N12 08.22	000 32.69	N19 03.21	042 01.02	N22 08.27	329 54.41	N08 37.96	059 32.23	10.68	N21 55.95	06.91	55.68
11	144 27.02	303 46.22	S11 44.25	350 49.34	N12 07.65	015 34.63	N19 03.08	057 03.30	N22 08.27	344 54.60	N08 37.06	074 01.91	10.59	N22 02.86	06.81	55.71
12	159 29.49	318 46.69	S11 45.35	005 50.29	N12 07.08	030 36.56	N19 02.96	072 05.57	N22 08.27	359 54.80	N08 36.16	088 31.50	10.50	N22 09.66	06.71	55.74
13	174 31.95	333 47.17	S11 46.44	020 51.23	N12 06.51	045 38.50	N19 02.84	087 07.85	N22 08.27	014 54.99	N08 35.25	103 01.00	10.41	N22 16.37	06.60	55.77
14	189 34.42	348 47.64	S11 47.53	035 52.18	N12 05.94	060 40.44	N19 02.71	102 10.12	N22 08.28	029 55.19	N08 34.35	117 30.41	10.32	N22 22.97	06.50	55.80
15	204 36.88	003 48.12	S11 48.63	050 53.12	N12 05.38	075 42.38	N19 02.59	117 12.40	N22 08.28	044 55.38	N08 33.45	131 59.73	10.23	N22 29.47	06.39	55.83
16	219 39.34	018 48.60	S11 49.72	065 54.07	N12 04.81	090 44.32	N19 02.47	132 14.67	N22 08.28	059 55.58	N08 32.55	146 28.96	10.14	N22 35.86	06.28	55.86
17	234 41.81	033 49.07	S11 50.81	080 55.02	N12 04.24	105 46.25	N19 02.34	147 16.95	N22 08.28	074 55.77	N08 31.65	160 58.10	10.06	N22 42.14	06.18	55.90
18	249 44.27	048 49.55	S11 51.90	095 55.96	N12 03.67	120 48.19	N19 02.22	162 19.23	N22 08.28	089 55.97	N08 30.74	175 27.16	09.97	N22 48.32	06.07	55.93
19	264 46.74	063 50.03	S11 52.99	110 56.91	N12 03.10	135 50.13	N19 02.10	177 21.50	N22 08.28	104 56.16	N08 29.84	189 56.13	09.88	N22 54.38	05.96	55.96
20	279 49.20	078 50.51	S11 54.08	125 57.85	N12 02.53	150 52.07	N19 01.98	192 23.78	N22 08.28	119 56.36	N08 28.94	204 25.01	09.79	N23 00.34	05.84	55.99
21	294 51.67	093 50.99	S11 55.17	140 58.80	N12 01.96	165 54.01	N19 01.85	207 26.05	N22 08.28	134 56.55	N08 28.03	218 53.80	09.70	N23 06.18	05.73	56.02
22	309 54.13	108 51.48	S11 56.26	155 59.74	N12 01.39	180 55.95	N19 01.73	222 28.33	N22 08.28	149 56.75	N08 27.13	233 22.50	09.62	N23 11.91	05.62	56.05
23	324 56.59	123 51.96	S11 57.35	171 00.69	N12 00.82	195 57.89	N19 01.61	237 30.61	N22 08.29	164 56.94	N08 26.23	247 51.12	09.53	N23 17.53	05.50	56.09
01 00	339 59.06	138 52.44	S11 58.44	186 01.63	N12 00.25	210 59.83	N19 01.48	252 32.89	N22 08.29	179 57.14	N08 25.32	262 19.64	09.44	N23 23.03	05.39	56.12
01	355 01.52	153 52.92	S11 59.53	201 02.58	N11 59.68	226 01.76	N19 01.36	267 35.16	N22 08.29	194 57.34	N08 24.42	276 48.08	09.35	N23 28.42	05.27	56.15
02	010 03.99	168 53.41	S12 00.61	216 03.53	N11 59.11	241 03.70	N19 01.24	282 37.44	N22 08.29	209 57.53	N08 23.51	291 16.44	09.27	N23 33.69	05.15	56.19
03	025 06.45	183 53.89	S12 01.70	231 04.47	N11 58.54	256 05.64	N19 01.11	297 39.72	N22 08.29	224 57.73	N08 22.61	305 44.70	09.18	N23 38.84	05.03	56.22
04	040 08.91	198 54.38	S12 02.79	246 05.42	N11 57.97	271 07.58	N19 00.99	312 42.00	N22 08.29	239 57.93	N08 21.70	320 12.88	09.09	N23 43.87	04.91	56.25
05	055 11.38	213 54.87	S12 03.87	261 06.37	N11 57.40	286 09.52	N19 00.87	327 44.27	N22 08.29	254 58.12	N08 20.80	334 40.98	09.01	N23 48.78	04.79	56.29
06	070 13.84	228 55.36	S12 04.96	276 07.31	N11 56.83	301 11.46	N19 00.74	342 46.55	N22 08.29	269 58.32	N08 19.89	349 08.99	08.92	N23 53.57	04.67	56.32
07	085 16.31	243 55.84	S12 06.05	291 08.26	N11 56.26	316 13.40	N19 00.62	357 48.83	N22 08.29	284 58.52	N08 18.99	003 36.91	08.84	N23 58.24	04.54	56.36
08	100 18.77	258 56.33	S12 07.13	306 09.21	N11 55.69	331 15.34	N19 00.50	012 51.11	N22 08.30	299 58.71	N08 18.08	018 04.75	08.76	N24 02.79	04.42	56.39
09	115 21.24	273 56.82	S12 08.21	321 10.15	N11 55.12	346 17.28	N19 00.38	027 53.39	N22 08.30	314 58.91	N08 17.17	032 32.51	08.67	N24 07.21	04.29	56.43
10	130 23.70	288 57.31	S12 09.30	336 11.10	N11 54.55	001 19.22	N19 00.25	042 55.67	N22 08.30	329 59.11	N08 16.27	047 00.18	08.59	N24 11.50	04.17	56.46
11	145 26.16	303 57.80	S12 10.38	351 12.05	N11 53.98	016 21.16	N19 00.13	057 57.95	N22 08.30	344 59.30	N08 15.36	061 27.77	08.51	N24 15.67	04.04	56.50
12	160 28.63	318 58.30	S12 11.46	006 13.00	N11 53.41	031 23.10	N19 00.01	073 00.22	N22 08.30	359 59.50	N08 14.45	075 55.27	08.42	N24 19.71	03.91	56.53
13	175 31.09	333 58.79	S12 12.55	021 13.94	N11 52.83	046 25.04	N18 59.88	088 02.50	N22 08.30	014 59.70	N08 13.55	090 22.70	08.34	N24 23.62	03.78	56.57
14	190 33.56	348 59.28	S12 13.63	036 14.89	N11 52.26	061 26.98	N18 59.76	103 04.78	N22 08.30	029 59.90	N08 12.64	104 50.04	08.26	N24 27.40	03.65	56.60
15	205 36.02	003 59.78	S12 14.71	051 15.84	N11 51.69	076 28.93	N18 59.64	118 07.06	N22 08.30	045 00.10	N08 11.73	119 17.30	08.18	N24 31.06	03.52	56.64
16	220 38.48	019 00.27	S12 15.79	066 16.78	N11 51.12	091 30.87	N18 59.51	133 09.34	N22 08.30	060 00.29	N08 10.82	133 44.49	08.10	N24 34.57	03.39	56.67
17	235 40.95	034 00.77	S12 16.87	081 17.73	N11 50.55	106 32.81	N18 59.39	148 11.62	N22 08.30	075 00.49	N08 09.91	148 11.59	08.03	N24 37.96	03.25	56.71
18	250 43.41	049 01.27	S12 17.95	096 18.68	N11 49.98	121 34.75	N18 59.27	163 13.90	N22 08.31	090 00.69	N08 09.01	162 38.62	07.95	N24 41.21	03.12	56.75
19	265 45.88	064 01.76	S12 19.03	111 19.63	N11 49.40	136 36.69	N18 59.15	178 16.18	N22 08.31	105 00.89	N08 08.10	177 05.57	07.87	N24 44.33	02.98	56.78
20	280 48.34	079 02.26	S12 20.11	126 20.58	N11 48.83	151 38.63	N18 59.02	193 18.46	N22 08.31	120 01.09	N08 07.19	191 32.44	07.80	N24 47.31	02.84	56.82
21	295 50.81	094 02.76	S12 21.19	141 21.52	N11 48.26	166 40.57	N18 58.90	208 20.74	N22 08.31	135 01.29	N08 06.28	205 59.23	07.72	N24 50.16	02.71	56.86
22	310 53.27	109 03.26	S12 22.27	156 22.47	N11 47.69	181 42.51	N18 58.78	223 23.02	N22 08.31	150 01.48	N08 05.37	220 25.96	07.65	N24 52.87	02.57	56.89
23	325 55.73	124 03.76	S12 23.34	171 23.42	N11 47.11	196 44.45	N18 58.65	238 25.31	N22 08.31	165 01.68	N08 04.46	234 52.60	07.57	N24 55.43	02.43	56.93
		v 0.48	d 1.09	v 0.95	d 0.57	v 1.94	d 0.12	v 2.28	d 0.00	v 0.20	d 0.90	SD	15.18	15.40		
		HP 0.24		HP 0.06						SD 15.85	HP 0.15					

Monday September 02, 2002 through Tuesday September 03, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
02 00	340 58.20	139 04.26	S12 24.42	186 24.37	N11 46.54	211 46.40	N18 58.53	253 27.59	N22 08.31	180 01.88	N08 03.55	249 19.18	07.50	N24 57.86	02.29	56.97
01	356 00.66	154 04.77	S12 25.50	201 25.32	N11 45.97	226 48.34	N18 58.41	268 29.87	N22 08.31	195 02.08	N08 02.64	263 45.68	07.43	N25 00.15	02.15	57.00
02	011 03.13	169 05.27	S12 26.57	216 26.27	N11 45.39	241 50.28	N18 58.28	283 32.15	N22 08.31	210 02.28	N08 01.73	278 12.11	07.36	N25 02.30	02.00	57.04
03	026 05.59	184 05.77	S12 27.65	231 27.22	N11 44.82	256 52.22	N18 58.16	298 34.43	N22 08.31	225 02.48	N08 00.82	292 38.47	07.29	N25 04.30	01.86	57.08
04	041 08.05	199 06.28	S12 28.72	246 28.16	N11 44.25	271 54.16	N18 58.04	313 36.71	N22 08.31	240 02.68	N07 59.91	307 04.77	07.23	N25 06.16	01.72	57.12
05	056 10.52	214 06.78	S12 29.80	261 29.11	N11 43.67	286 56.11	N18 57.92	328 38.99	N22 08.32	255 02.88	N07 59.00	321 30.99	07.16	N25 07.88	01.57	57.16
06	071 12.98	229 07.29	S12 30.87	276 30.06	N11 43.10	301 58.05	N18 57.79	343 41.28	N22 08.32	270 03.08	N07 58.09	335 57.15	07.09	N25 09.45	01.43	57.19
07	086 15.45	244 07.79	S12 31.95	291 31.01	N11 42.53	316 59.99	N18 57.67	358 43.56	N22 08.32	285 03.28	N07 57.18	350 23.24	07.03	N25 10.88	01.28	57.23
08	101 17.91	259 08.30	S12 33.02	306 31.96	N11 41.95	332 01.93	N18 57.55	013 45.84	N22 08.32	300 03.48	N07 56.26	004 49.27	06.97	N25 12.16	01.13	57.27
09	116 20.38	274 08.81	S12 34.09	321 32.91	N11 41.38	347 03.88	N18 57.42	028 48.12	N22 08.32	315 03.68	N07 55.35	019 15.24	06.90	N25 13.29	00.98	57.31
10	131 22.84	289 09.32	S12 35.16	336 33.86	N11 40.81	002 05.82	N18 57.30	043 50.41	N22 08.32	330 03.88	N07 54.44	033 41.14	06.84	N25 14.27	00.83	57.35
11	146 25.30	304 09.83	S12 36.23	351 34.81	N11 40.23	017 07.76	N18 57.18	058 52.69	N22 08.32	345 04.08	N07 53.53	048 06.99	06.78	N25 15.10	00.68	57.39
12	161 27.77	319 10.34	S12 37.31	006 35.76	N11 39.66	032 09.71	N18 57.06	073 54.97	N22 08.32	000 04.28	N07 52.62	062 32.77	06.73	N25 15.79	00.53	57.42
13	176 30.23	334 10.85	S12 38.38	021 36.71	N11 39.08	047 11.65	N18 56.93	088 57.26	N22 08.32	015 04.48	N07 51.70	076 58.50	06.67	N25 16.32	00.38	57.46
14	191 32.70	349 11.37	S12 39.45	036 37.66	N11 38.51	062 13.59	N18 56.81	103 59.54	N22 08.32	030 04.68	N07 50.79	091 24.17	06.61	N25 16.70	00.23	57.50
15	206 35.16	004 11.88	S12 40.52	051 38.61	N11 37.93	077 15.53	N18 56.69	119 01.82	N22 08.32	045 04.88	N07 49.88	105 49.78	06.56	N25 16.93	00.08	57.54
16	221 37.62	019 12.39	S12 41.59	066 39.56	N11 37.36	092 17.48	N18 56.56	134 04.11	N22 08.32	060 05.08	N07 48.96	120 15.34	06.51	N25 17.01	00.08	57.58
17	236 40.09	034 12.91	S12 42.65	081 40.51	N11 36.78	107 19.42	N18 56.44	149 06.39	N22 08.32	075 05.28	N07 48.05	134 40.85	06.46	N25 16.94	00.23	57.62
18	251 42.55	049 13.42	S12 43.72	096 41.46	N11 36.21	122 21.37	N18 56.32	164 08.67	N22 08.33	090 05.48	N07 47.14	149 06.31	06.41	N25 16.71	00.38	57.66
19	266 45.02	064 13.94	S12 44.79	111 42.41	N11 35.63	137 23.31	N18 56.19	179 10.96	N22 08.33	105 05.68	N07 46.22	163 31.71	06.36	N25 16.32	00.54	57.70
20	281 47.48	079 14.46	S12 45.86	126 43.36	N11 35.06	152 25.25	N18 56.07	194 13.24	N22 08.33	120 05.89	N07 45.31	177 57.07	06.31	N25 15.78	00.70	57.74
21	296 49.95	094 14.97	S12 46.92	141 44.31	N11 34.48	167 27.20	N18 55.95	209 15.53	N22 08.33	135 06.09	N07 44.39	192 22.38	06.27	N25 15.08	00.85	57.78
22	311 52.41	109 15.49	S12 47.99	156 45.26	N11 33.91	182 29.14	N18 55.83	224 17.81	N22 08.33	150 06.29	N07 43.48	206 47.65	06.22	N25 14.23	01.01	57.82
23	326 54.87	124 16.01	S12 49.05	171 46.21	N11 33.33	197 31.09	N18 55.70	239 20.10	N22 08.33	165 06.49	N07 42.56	221 12.87	06.18	N25 13.22	01.17	57.85
03 00	341 57.34	139 16.53	S12 50.12	186 47.16	N11 32.76	212 33.03	N18 55.58	254 22.38	N22 08.33	180 06.69	N07 41.65	235 38.05	06.14	N25 12.05	01.33	57.89
01	356 59.80	154 17.05	S12 51.18	201 48.11	N11 32.18	227 34.97	N18 55.46	269 24.67	N22 08.33	195 06.89	N07 40.73	250 03.19	06.10	N25 10.73	01.48	57.93
02	012 02.27	169 17.58	S12 52.25	216 49.07	N11 31.60	242 36.92	N18 55.33	284 26.95	N22 08.33	210 07.10	N07 39.82	264 28.29	06.06	N25 09.25	01.64	57.97
03	027 04.73	184 18.10	S12 53.31	231 50.02	N11 31.03	257 38.86	N18 55.21	299 29.24	N22 08.33	225 07.30	N07 38.90	278 53.35	06.03	N25 07.60	01.80	58.01
04	042 07.19	199 18.62	S12 54.37	246 50.97	N11 30.45	272 40.81	N18 55.09	314 31.52	N22 08.33	240 07.50	N07 37.99	293 18.38	05.99	N25 05.80	01.96	58.05
05	057 09.66	214 19.15	S12 55.44	261 51.92	N11 29.88	287 42.75	N18 54.97	329 33.81	N22 08.33	255 07.70	N07 37.07	307 43.37	05.96	N25 03.84	02.12	58.09
06	072 12.12	229 19.67	S12 56.50	276 52.87	N11 29.30	302 44.70	N18 54.84	344 36.10	N22 08.33	270 07.90	N07 36.15	322 08.33	05.93	N25 01.72	02.28	58.13
07	087 14.59	244 20.20	S12 57.56	291 53.82	N11 28.72	317 46.64	N18 54.72	359 38.38	N22 08.34	285 08.11	N07 35.24	336 33.26	05.90	N24 59.44	02.44	58.17
08	102 17.05	259 20.73	S12 58.62	306 54.77	N11 28.15	332 48.59	N18 54.60	014 40.67	N22 08.34	300 08.31	N07 34.32	350 58.16	05.87	N24 56.99	02.60	58.21
09	117 19.52	274 21.25	S12 59.68	321 55.73	N11 27.57	347 50.53	N18 54.47	029 42.96	N22 08.34	315 08.51	N07 33.40	005 23.03	05.84	N24 54.39	02.77	58.25
10	132 21.98	289 21.78	S13 00.74	336 56.68	N11 26.99	002 52.48	N18 54.35	044 45.24	N22 08.34	330 08.72	N07 32.48	019 47.87	05.82	N24 51.62	02.93	58.29
11	147 24.44	304 22.31	S13 01.80	351 57.63	N11 26.42	017 54.42	N18 54.23	059 47.53	N22 08.34	345 08.92	N07 31.57	034 12.69	05.79	N24 48.70	03.09	58.33
12	162 26.91	319 22.84	S13 02.86	006 58.58	N11 25.84	032 56.37	N18 54.10	074 49.82	N22 08.34	000 09.12	N07 30.65	048 37.48	05.77	N24 45.61	03.25	58.37
13	177 29.37	334 23.37	S13 03.92	021 59.53	N11 25.26	047 58.32	N18 53.98	089 52.10	N22 08.34	015 09.32	N07 29.73	063 02.25	05.75	N24 42.36	03.41	58.41
14	192 31.84	349 23.91	S13 04.98	037 00.49	N11 24.68	063 00.26	N18 53.86	104 54.39	N22 08.34	030 09.53	N07 28.81	077 27.01	05.73	N24 38.95	03.57	58.45
15	207 34.30	004 24.44	S13 06.03	052 01.44	N11 24.11	078 02.21	N18 53.74	119 56.68	N22 08.34	045 09.73	N07 27.89	091 51.74	05.72	N24 35.37	03.74	58.49
16	222 36.76	019 24.97	S13 07.09	067 02.39	N11 23.53	093 04.15	N18 53.61	134 58.97	N22 08.34	060 09.93	N07 26.98	106 16.46	05.70	N24 31.64	03.90	58.53
17	237 39.23	034 25.51	S13 08.15	082 03.34	N11 22.95	108 06.10	N18 53.49	150 01.25	N22 08.34	075 10.14	N07 26.06	120 41.16	05.69	N24 27.74	04.06	58.57
18	252 41.69	049 26.04	S13 09.20	097 04.30	N11 22.37	123 08.05	N18 53.37	165 03.54	N22 08.34	090 10.34	N07 25.14	135 05.85	05.68	N24 23.68	04.22	58.60
19	267 44.16	064 26.58	S13 10.26	112 05.25	N11 21.79	138 09.99	N18 53.24	180 05.83	N22 08.34	105 10.55	N07 24.22	149 30.53	05.67	N24 19.45	04.39	58.64
20	282 46.62	079 27.11	S13 11.31	127 06.20	N11 21.22	153 11.94	N18 53.12	195 08.12	N22 08.34	120 10.75	N07 23.30	163 55.19	05.66	N24 15.07	04.55	58.68
21	297 49.09	094 27.65	S13 12.37	142 07.15	N11 20.64	168 13.89	N18 53.00	210 10.41	N22 08.34	135 10.95	N07 22.38	178 19.85	05.65	N24 10.52	04.71	58.72
22	312 51.55	109 28.19	S13 13.42	157 08.11	N11 20.06	183 15.83	N18 52.88	225 12.70	N22 08.34	150 11.16	N07 21.46	192 44.50	05.64	N24 05.81	04.87	58.76
23	327 54.01	124 28.73	S13 14.47	172 09.06	N11 19.48	198 17.78	N18 52.75	240 14.98	N22 08.35	165 11.36	N07 20.54	207 09.15	05.64	N24 00.94	05.03	58.80
		v 0.52	d 1.06	v 0.95	d 0.58	v 1.94	d 0.12	v 2.29	d 0.00	v 0.20	d 0.92	SD	15.64	15.90		
		HP 0.25		HP 0.06						SD 15.85	HP 0.15					

Wednesday September 04, 2002 through Thursday September 05, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
04 00	342 56.48	139 29.27	S13 15.53	187 10.01	N11 18.90	213 19.73	N18 52.63	255 17.27	N22 08.35	180 11.57	N07 19.62	221 33.79	05.64	N23 55.90	05.20	58.84
01	357 58.94	154 29.81	S13 16.58	202 10.97	N11 18.32	228 21.67	N18 52.51	270 19.56	N22 08.35	195 11.77	N07 18.70	235 58.43	05.64	N23 50.71	05.36	58.88
02	013 01.41	169 30.35	S13 17.63	217 11.92	N11 17.74	243 23.62	N18 52.38	285 21.85	N22 08.35	210 11.97	N07 17.78	250 23.06	05.64	N23 45.35	05.52	58.91
03	028 03.87	184 30.90	S13 18.68	232 12.87	N11 17.17	258 25.57	N18 52.26	300 24.14	N22 08.35	225 12.18	N07 16.86	264 47.70	05.64	N23 39.83	05.68	58.95
04	043 06.33	199 31.44	S13 19.73	247 13.83	N11 16.59	273 27.52	N18 52.14	315 26.43	N22 08.35	240 12.38	N07 15.94	279 12.34	05.64	N23 34.15	05.84	58.99
05	058 08.80	214 31.99	S13 20.78	262 14.78	N11 16.01	288 29.46	N18 52.02	330 28.72	N22 08.35	255 12.59	N07 15.02	293 36.99	05.65	N23 28.31	06.00	59.03
06	073 11.26	229 32.53	S13 21.83	277 15.74	N11 15.43	303 31.41	N18 51.89	345 31.01	N22 08.35	270 12.79	N07 14.09	308 01.64	05.66	N23 22.31	06.16	59.07
07	088 13.73	244 33.08	S13 22.88	292 16.69	N11 14.85	318 33.36	N18 51.77	000 33.30	N22 08.35	285 13.00	N07 13.17	322 26.29	05.66	N23 16.15	06.32	59.10
08	103 16.19	259 33.62	S13 23.93	307 17.64	N11 14.27	333 35.31	N18 51.65	015 35.59	N22 08.35	300 13.20	N07 12.25	336 50.96	05.67	N23 09.83	06.48	59.14
09	118 18.66	274 34.17	S13 24.97	322 18.60	N11 13.69	348 37.26	N18 51.52	030 37.88	N22 08.35	315 13.41	N07 11.33	351 15.63	05.68	N23 03.35	06.64	59.18
10	133 21.12	289 34.72	S13 26.02	337 19.55	N11 13.11	003 39.20	N18 51.40	045 40.17	N22 08.35	330 13.61	N07 10.41	005 40.32	05.70	N22 56.71	06.80	59.22
11	148 23.58	304 35.27	S13 27.07	352 20.51	N11 12.53	018 41.15	N18 51.28	060 42.47	N22 08.35	345 13.82	N07 09.48	020 05.01	05.71	N22 49.91	06.95	59.25
12	163 26.05	319 35.82	S13 28.11	007 21.46	N11 11.95	033 43.10	N18 51.16	075 44.76	N22 08.35	000 14.03	N07 08.56	034 29.72	05.73	N22 42.96	07.11	59.29
13	178 28.51	334 36.37	S13 29.16	022 22.42	N11 11.37	048 45.05	N18 51.03	090 47.05	N22 08.35	015 14.23	N07 07.64	048 54.45	05.74	N22 35.85	07.27	59.33
14	193 30.98	349 36.93	S13 30.21	037 23.37	N11 10.79	063 47.00	N18 50.91	105 49.34	N22 08.35	030 14.44	N07 06.71	063 19.19	05.76	N22 28.58	07.42	59.36
15	208 33.44	004 37.48	S13 31.25	052 24.32	N11 10.21	078 48.95	N18 50.79	120 51.63	N22 08.35	045 14.64	N07 05.79	077 43.95	05.78	N22 21.15	07.58	59.40
16	223 35.90	019 38.03	S13 32.29	067 25.28	N11 09.63	093 50.89	N18 50.67	135 53.92	N22 08.35	060 14.85	N07 04.87	092 08.73	05.80	N22 13.57	07.73	59.44
17	238 38.37	034 38.59	S13 33.34	082 26.23	N11 09.05	108 52.84	N18 50.54	150 56.21	N22 08.35	075 15.05	N07 03.94	106 33.53	05.82	N22 05.84	07.89	59.47
18	253 40.83	049 39.14	S13 34.38	097 27.19	N11 08.47	123 54.79	N18 50.42	165 58.51	N22 08.35	090 15.26	N07 03.02	120 58.36	05.84	N21 57.95	08.04	59.51
19	268 43.30	064 39.70	S13 35.42	112 28.14	N11 07.89	138 56.74	N18 50.30	181 00.80	N22 08.36	105 15.47	N07 02.09	135 23.20	05.87	N21 49.91	08.19	59.54
20	283 45.76	079 40.26	S13 36.47	127 29.10	N11 07.31	153 58.69	N18 50.17	196 03.09	N22 08.36	120 15.67	N07 01.17	149 48.07	05.89	N21 41.71	08.35	59.58
21	298 48.22	094 40.82	S13 37.51	142 30.05	N11 06.72	169 00.64	N18 50.05	211 05.38	N22 08.36	135 15.88	N07 00.25	164 12.96	05.92	N21 33.37	08.50	59.61
22	313 50.69	109 41.38	S13 38.55	157 31.01	N11 06.14	184 02.59	N18 49.93	226 07.68	N22 08.36	150 16.09	N06 59.32	178 37.88	05.95	N21 24.87	08.65	59.65
23	328 53.15	124 41.94	S13 39.59	172 31.97	N11 05.56	199 04.54	N18 49.81	241 09.97	N22 08.36	165 16.29	N06 58.40	193 02.83	05.98	N21 16.22	08.80	59.68
05 00	343 55.62	139 42.50	S13 40.63	187 32.92	N11 04.98	214 06.49	N18 49.68	256 12.26	N22 08.36	180 16.50	N06 57.47	207 27.81	06.01	N21 07.43	08.95	59.72
01	358 58.08	154 43.06	S13 41.67	202 33.88	N11 04.40	229 08.44	N18 49.56	271 14.56	N22 08.36	195 16.71	N06 56.55	221 52.82	06.04	N20 58.48	09.09	59.75
02	014 00.55	169 43.62	S13 42.71	217 34.83	N11 03.82	244 10.39	N18 49.44	286 16.85	N22 08.36	210 16.91	N06 55.62	236 17.85	06.07	N20 49.39	09.24	59.78
03	029 03.01	184 44.19	S13 43.74	232 35.79	N11 03.24	259 12.34	N18 49.32	301 19.14	N22 08.36	225 17.12	N06 54.69	250 42.92	06.10	N20 40.15	09.38	59.82
04	044 05.47	199 44.75	S13 44.78	247 36.74	N11 02.65	274 14.29	N18 49.19	316 21.44	N22 08.36	240 17.33	N06 53.77	265 08.02	06.14	N20 30.76	09.53	59.85
05	059 07.94	214 45.32	S13 45.82	262 37.70	N11 02.07	289 16.24	N18 49.07	331 23.73	N22 08.36	255 17.54	N06 52.84	279 33.16	06.17	N20 21.24	09.67	59.88
06	074 10.40	229 45.88	S13 46.85	277 38.66	N11 01.49	304 18.19	N18 48.95	346 26.03	N22 08.36	270 17.74	N06 51.92	293 58.33	06.21	N20 11.56	09.81	59.92
07	089 12.87	244 46.45	S13 47.89	292 39.61	N11 00.91	319 20.14	N18 48.82	001 28.32	N22 08.36	285 17.95	N06 50.99	308 23.53	06.24	N20 01.75	09.96	59.95
08	104 15.33	259 47.02	S13 48.93	307 40.57	N11 00.33	334 22.09	N18 48.70	016 30.62	N22 08.36	300 18.16	N06 50.06	322 48.78	06.28	N19 51.79	10.10	59.98
09	119 17.79	274 47.59	S13 49.96	322 41.53	N10 59.74	349 24.04	N18 48.58	031 32.91	N22 08.36	315 18.36	N06 49.14	337 14.05	06.32	N19 41.70	10.24	60.01
10	134 20.26	289 48.16	S13 50.99	337 42.48	N10 59.16	004 25.99	N18 48.46	046 35.20	N22 08.36	330 18.57	N06 48.21	351 39.37	06.35	N19 31.46	10.37	60.04
11	149 22.72	304 48.73	S13 52.03	352 43.44	N10 58.58	019 27.95	N18 48.33	061 37.50	N22 08.36	345 18.78	N06 47.28	006 04.73	06.39	N19 21.09	10.51	60.07
12	164 25.19	319 49.30	S13 53.06	007 44.40	N10 57.99	034 29.90	N18 48.21	076 39.80	N22 08.36	000 18.99	N06 46.35	020 30.12	06.43	N19 10.58	10.65	60.10
13	179 27.65	334 49.87	S13 54.09	022 45.35	N10 57.41	049 31.85	N18 48.09	091 42.09	N22 08.36	015 19.20	N06 45.43	034 55.55	06.47	N18 59.93	10.78	60.13
14	194 30.11	349 50.45	S13 55.13	037 46.31	N10 56.83	064 33.80	N18 47.97	106 44.39	N22 08.36	030 19.40	N06 44.50	049 21.03	06.52	N18 49.15	10.91	60.16
15	209 32.58	004 51.02	S13 56.16	052 47.27	N10 56.25	079 35.75	N18 47.84	121 46.68	N22 08.36	045 19.61	N06 43.57	063 46.55	06.56	N18 38.24	11.04	60.19
16	224 35.04	019 51.60	S13 57.19	067 48.22	N10 55.66	094 37.70	N18 47.72	136 48.98	N22 08.36	060 19.82	N06 42.64	078 12.10	06.60	N18 27.19	11.18	60.22
17	239 37.51	034 52.17	S13 58.22	082 49.18	N10 55.08	109 39.65	N18 47.60	151 51.27	N22 08.36	075 20.03	N06 41.71	092 37.70	06.64	N18 16.02	11.30	60.25
18	254 39.97	049 52.75	S13 59.25	097 50.14	N10 54.50	124 41.61	N18 47.47	166 53.57	N22 08.36	090 20.24	N06 40.78	107 03.35	06.69	N18 04.71	11.43	60.28
19	269 42.44	064 53.33	S14 00.28	112 51.10	N10 53.91	139 43.56	N18 47.35	181 55.87	N22 08.36	105 20.45	N06 39.86	121 29.03	06.73	N17 53.28	11.56	60.31
20	284 44.90	079 53.91	S14 01.31	127 52.05	N10 53.33	154 45.51	N18 47.23	196 58.16	N22 08.36	120 20.65	N06 38.93	135 54.77	06.78	N17 41.72	11.68	60.33
21	299 47.36	094 54.49	S14 02.33	142 53.01	N10 52.74	169 47.46	N18 47.11	212 00.46	N22 08.36	135 20.86	N06 38.00	150 20.54	06.82	N17 30.04	11.81	60.36
22	314 49.83	109 55.07	S14 03.36	157 53.97	N10 52.16	184 49.41	N18 46.98	227 02.76	N22 08.36	150 21.07	N06 37.07	164 46.36	06.86	N17 18.23	11.93	60.39
23	329 52.29	124 55.65	S14 04.39	172 54.93	N10 51.58	199 51.37	N18 46.86	242 05.05	N22 08.37	165 21.28	N06 36.14	179 12.23	06.91	N17 06.30	12.05	60.41
		v 0.56	d 1.04	v 0.96	d 0.58	v 1.95	d 0.12	v 2.29	d 0.00	v 0.21	d 0.93	SD	16.15	16.37		
		HP 0.25		HP 0.06						SD 15.86	HP 0.15					

Friday September 06, 2002 through Saturday September 07, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
06 00	344 54.76	139 56.23	S14 05.41	187 55.88	N10 50.99	214 53.32	N18 46.74	257 07.35	N22 08.37	180 21.49	N06 35.21	193 38.14	06.96	N16 54.25	12.17	60.44
01	359 57.22	154 56.82	S14 06.44	202 56.84	N10 50.41	229 55.27	N18 46.62	272 09.65	N22 08.37	195 21.70	N06 34.28	208 04.09	07.00	N16 42.08	12.29	60.47
02	014 59.68	169 57.40	S14 07.47	217 57.80	N10 49.82	244 57.23	N18 46.49	287 11.95	N22 08.37	210 21.91	N06 33.35	222 30.09	07.05	N16 29.79	12.40	60.49
03	030 02.15	184 57.99	S14 08.49	232 58.76	N10 49.24	259 59.18	N18 46.37	302 14.24	N22 08.37	225 22.12	N06 32.42	236 56.14	07.09	N16 17.39	12.52	60.51
04	045 04.61	199 58.57	S14 09.51	247 59.72	N10 48.65	275 01.13	N18 46.25	317 16.54	N22 08.37	240 22.33	N06 31.49	251 22.24	07.14	N16 04.87	12.63	60.54
05	060 07.08	214 59.16	S14 10.54	263 00.67	N10 48.07	290 03.08	N18 46.13	332 18.84	N22 08.37	255 22.54	N06 30.56	265 48.38	07.19	N15 52.24	12.74	60.56
06	075 09.54	229 59.75	S14 11.56	278 01.63	N10 47.49	305 05.04	N18 46.00	347 21.14	N22 08.37	270 22.75	N06 29.62	280 14.57	07.23	N15 39.50	12.85	60.59
07	090 12.00	245 00.34	S14 12.58	293 02.59	N10 46.90	320 06.99	N18 45.88	002 23.44	N22 08.37	285 22.96	N06 28.69	294 40.80	07.28	N15 26.65	12.96	60.61
08	105 14.47	260 00.93	S14 13.61	308 03.55	N10 46.32	335 08.95	N18 45.76	017 25.74	N22 08.37	300 23.17	N06 27.76	309 07.08	07.33	N15 13.68	13.07	60.63
09	120 16.93	275 01.52	S14 14.63	323 04.51	N10 45.73	350 10.90	N18 45.64	032 28.04	N22 08.37	315 23.38	N06 26.83	323 33.41	07.38	N15 00.62	13.17	60.65
10	135 19.40	290 02.11	S14 15.65	338 05.47	N10 45.15	005 12.85	N18 45.51	047 30.33	N22 08.37	330 23.59	N06 25.90	337 59.79	07.42	N14 47.44	13.28	60.67
11	150 21.86	305 02.70	S14 16.67	353 06.43	N10 44.56	020 14.81	N18 45.39	062 32.63	N22 08.37	345 23.80	N06 24.97	352 26.21	07.47	N14 34.17	13.38	60.70
12	165 24.32	320 03.30	S14 17.69	008 07.39	N10 43.97	035 16.76	N18 45.27	077 34.93	N22 08.37	000 24.01	N06 24.04	006 52.68	07.52	N14 20.79	13.48	60.72
13	180 26.79	335 03.89	S14 18.71	023 08.35	N10 43.39	050 18.71	N18 45.15	092 37.23	N22 08.37	015 24.22	N06 23.10	021 19.20	07.56	N14 07.31	13.58	60.74
14	195 29.25	350 04.49	S14 19.72	038 09.30	N10 42.80	065 20.67	N18 45.02	107 39.53	N22 08.37	030 24.43	N06 22.17	035 45.76	07.61	N13 53.73	13.67	60.76
15	210 31.72	005 05.09	S14 20.74	053 10.26	N10 42.22	080 22.62	N18 44.90	122 41.83	N22 08.37	045 24.64	N06 21.24	050 12.37	07.66	N13 40.06	13.77	60.78
16	225 34.18	020 05.68	S14 21.76	068 11.22	N10 41.63	095 24.58	N18 44.78	137 44.13	N22 08.37	060 24.85	N06 20.30	064 39.02	07.70	N13 26.29	13.86	60.79
17	240 36.64	035 06.28	S14 22.78	083 12.18	N10 41.05	110 26.53	N18 44.66	152 46.43	N22 08.37	075 25.06	N06 19.37	079 05.73	07.75	N13 12.43	13.95	60.81
18	255 39.11	050 06.88	S14 23.79	098 13.14	N10 40.46	125 28.49	N18 44.53	167 48.73	N22 08.37	090 25.27	N06 18.44	093 32.48	07.80	N12 58.47	14.04	60.83
19	270 41.57	065 07.48	S14 24.81	113 14.10	N10 39.87	140 30.44	N18 44.41	182 51.03	N22 08.37	105 25.48	N06 17.51	107 59.27	07.84	N12 44.43	14.13	60.85
20	285 44.04	080 08.09	S14 25.82	128 15.06	N10 39.29	155 32.40	N18 44.29	197 53.33	N22 08.37	120 25.69	N06 16.57	122 26.11	07.89	N12 30.30	14.22	60.86
21	300 46.50	095 08.69	S14 26.84	143 16.02	N10 38.70	170 34.35	N18 44.17	212 55.64	N22 08.37	135 25.90	N06 15.64	136 53.00	07.93	N12 16.08	14.30	60.88
22	315 48.97	110 09.29	S14 27.85	158 16.98	N10 38.11	185 36.31	N18 44.04	227 57.94	N22 08.37	150 26.11	N06 14.70	151 19.93	07.98	N12 01.78	14.38	60.90
23	330 51.43	125 09.90	S14 28.86	173 17.94	N10 37.53	200 38.26	N18 43.92	243 00.24	N22 08.37	165 26.32	N06 13.77	165 46.91	08.02	N11 47.39	14.47	60.91
07 00	345 53.89	140 10.50	S14 29.88	188 18.90	N10 36.94	215 40.22	N18 43.80	258 02.54	N22 08.37	180 26.53	N06 12.84	180 13.93	08.06	N11 32.93	14.54	60.93
01	000 56.36	155 11.11	S14 30.89	203 19.86	N10 36.35	230 42.17	N18 43.68	273 04.84	N22 08.37	195 26.75	N06 11.90	194 40.99	08.11	N11 18.38	14.62	60.94
02	015 58.82	170 11.72	S14 31.90	218 20.82	N10 35.77	245 44.13	N18 43.55	288 07.14	N22 08.37	210 26.96	N06 10.97	209 08.10	08.15	N11 03.76	14.70	60.95
03	031 01.29	185 12.32	S14 32.91	233 21.78	N10 35.18	260 46.09	N18 43.43	303 09.45	N22 08.37	225 27.17	N06 10.03	223 35.25	08.19	N10 49.06	14.77	60.97
04	046 03.75	200 12.93	S14 33.92	248 22.74	N10 34.59	275 48.04	N18 43.31	318 11.75	N22 08.37	240 27.38	N06 09.10	238 02.44	08.24	N10 34.29	14.84	60.98
05	061 06.21	215 13.54	S14 34.93	263 23.70	N10 34.00	290 50.00	N18 43.19	333 14.05	N22 08.37	255 27.59	N06 08.16	252 29.68	08.28	N10 19.45	14.91	60.99
06	076 08.68	230 14.16	S14 35.94	278 24.66	N10 33.42	305 51.95	N18 43.06	348 16.35	N22 08.37	270 27.80	N06 07.23	266 56.96	08.32	N10 04.54	14.98	61.00
07	091 11.14	245 14.77	S14 36.95	293 25.63	N10 32.83	320 53.91	N18 42.94	003 18.65	N22 08.37	285 28.02	N06 06.29	281 24.28	08.36	N09 49.56	15.05	61.01
08	106 13.61	260 15.38	S14 37.95	308 26.59	N10 32.24	335 55.87	N18 42.82	018 20.96	N22 08.37	300 28.23	N06 05.36	295 51.64	08.40	N09 34.51	15.11	61.02
09	121 16.07	275 16.00	S14 38.96	323 27.55	N10 31.65	350 57.82	N18 42.70	033 23.26	N22 08.37	315 28.44	N06 04.42	310 19.04	08.44	N09 19.40	15.17	61.03
10	136 18.53	290 16.61	S14 39.97	338 28.51	N10 31.07	005 59.78	N18 42.57	048 25.56	N22 08.37	330 28.65	N06 03.48	324 46.48	08.48	N09 04.23	15.23	61.04
11	151 21.00	305 17.23	S14 40.97	353 29.47	N10 30.48	021 01.74	N18 42.45	063 27.87	N22 08.37	345 28.86	N06 02.55	339 13.96	08.52	N08 48.99	15.29	61.05
12	166 23.46	320 17.85	S14 41.98	008 30.43	N10 29.89	036 03.69	N18 42.33	078 30.17	N22 08.37	000 29.08	N06 01.61	353 41.48	08.56	N08 33.70	15.35	61.06
13	181 25.93	335 18.46	S14 42.98	023 31.39	N10 29.30	051 05.65	N18 42.21	093 32.47	N22 08.37	015 29.29	N06 00.67	008 09.04	08.59	N08 18.35	15.40	61.07
14	196 28.39	350 19.08	S14 43.99	038 32.35	N10 28.71	066 07.61	N18 42.09	108 34.78	N22 08.37	030 29.50	N05 59.74	022 36.63	08.63	N08 02.95	15.46	61.08
15	211 30.85	005 19.70	S14 44.99	053 33.32	N10 28.13	081 09.57	N18 41.96	123 37.08	N22 08.37	045 29.71	N05 58.80	037 04.26	08.67	N07 47.49	15.51	61.08
16	226 33.32	020 20.33	S14 46.00	068 34.28	N10 27.54	096 11.52	N18 41.84	138 39.39	N22 08.37	060 29.93	N05 57.86	051 31.93	08.70	N07 31.99	15.56	61.09
17	241 35.78	035 20.95	S14 47.00	083 35.24	N10 26.95	111 13.48	N18 41.72	153 41.69	N22 08.37	075 30.14	N05 56.93	065 59.63	08.74	N07 16.43	15.60	61.09
18	256 38.25	050 21.57	S14 48.00	098 36.20	N10 26.36	126 15.44	N18 41.60	168 44.00	N22 08.37	090 30.35	N05 55.99	080 27.37	08.77	N07 00.83	15.65	61.10
19	271 40.71	065 22.20	S14 49.00	113 37.16	N10 25.77	141 17.40	N18 41.47	183 46.30	N22 08.37	105 30.56	N05 55.05	094 55.14	08.80	N06 45.18	15.69	61.10
20	286 43.17	080 22.82	S14 50.00	128 38.12	N10 25.18	156 19.36	N18 41.35	198 48.61	N22 08.37	120 30.78	N05 54.11	109 22.94	08.84	N06 29.49	15.73	61.11
21	301 45.64	095 23.45	S14 51.00	143 39.09	N10 24.59	171 21.31	N18 41.23	213 50.91	N22 08.37	135 30.99	N05 53.18	123 50.78	08.87	N06 13.75	15.77	61.11
22	316 48.10	110 24.07	S14 52.00	158 40.05	N10 24.00	186 23.27	N18 41.11	228 53.22	N22 08.37	150 31.20	N05 52.24	138 18.65	08.90	N05 57.98	15.81	61.11
23	331 50.57	125 24.70	S14 53.00	173 41.01	N10 23.41	201 25.23	N18 40.98	243 55.52	N22 08.37	165 31.42	N05 51.30	152 46.55	08.93	N05 42.17	15.85	61.12
		v 0.61	d 1.01	v 0.96	d 0.59	v 1.96	d 0.12	v 2.30	d 0.00	v 0.21	d 0.93	SD	16.54	16.64		
		HP 0.26		HP 0.06						SD 15.87	HP 0.15					

Sunday September 08, 2002 through Monday September 09, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
08 00	346 53.03	140 25.33	S14 54.00	188 41.97	N10 22.82	216 27.19	N18 40.86	258 57.83	N22 08.37	180 31.63	N05 50.36	167 14.48	08.96	N05 26.33	15.88	61.12
01	001 55.49	155 25.96	S14 55.00	203 42.94	N10 22.23	231 29.15	N18 40.74	274 00.13	N22 08.37	195 31.84	N05 49.42	181 42.44	08.99	N05 10.45	15.91	61.12
02	016 57.96	170 26.60	S14 55.99	218 43.90	N10 21.65	246 31.11	N18 40.62	289 02.44	N22 08.37	210 32.06	N05 48.48	196 10.42	09.02	N04 54.54	15.94	61.12
03	032 00.42	185 27.23	S14 56.99	233 44.86	N10 21.06	261 33.06	N18 40.50	304 04.75	N22 08.37	225 32.27	N05 47.54	210 38.44	09.04	N04 38.60	15.97	61.12
04	047 02.89	200 27.86	S14 57.99	248 45.82	N10 20.47	276 35.02	N18 40.37	319 07.05	N22 08.37	240 32.48	N05 46.61	225 06.48	09.07	N04 22.63	15.99	61.12
05	062 05.35	215 28.50	S14 58.98	263 46.79	N10 19.88	291 36.98	N18 40.25	334 09.36	N22 08.37	255 32.70	N05 45.67	239 34.55	09.09	N04 06.64	16.02	61.12
06	077 07.81	230 29.13	S14 59.98	278 47.75	N10 19.29	306 38.94	N18 40.13	349 11.67	N22 08.37	270 32.91	N05 44.73	254 02.64	09.12	N03 50.62	16.04	61.12
07	092 10.28	245 29.77	S15 00.97	293 48.71	N10 18.70	321 40.90	N18 40.01	004 13.97	N22 08.37	285 33.12	N05 43.79	268 30.76	09.14	N03 34.58	16.06	61.11
08	107 12.74	260 30.41	S15 01.96	308 49.68	N10 18.11	336 42.86	N18 39.88	019 16.28	N22 08.37	300 33.34	N05 42.85	282 58.91	09.17	N03 18.52	16.08	61.11
09	122 15.21	275 31.05	S15 02.96	323 50.64	N10 17.52	351 44.82	N18 39.76	034 18.59	N22 08.37	315 33.55	N05 41.91	297 27.07	09.19	N03 02.44	16.09	61.11
10	137 17.67	290 31.68	S15 03.95	338 51.60	N10 16.92	006 46.78	N18 39.64	049 20.90	N22 08.37	330 33.76	N05 40.97	311 55.26	09.21	N02 46.35	16.11	61.11
11	152 20.13	305 32.33	S15 04.94	353 52.57	N10 16.33	021 48.74	N18 39.52	064 23.20	N22 08.37	345 33.98	N05 40.03	326 23.47	09.23	N02 30.24	16.12	61.10
12	167 22.60	320 32.97	S15 05.93	008 53.53	N10 15.74	036 50.70	N18 39.40	079 25.51	N22 08.37	000 34.19	N05 39.09	340 51.70	09.25	N02 14.12	16.13	61.10
13	182 25.06	335 33.61	S15 06.92	023 54.49	N10 15.15	051 52.66	N18 39.27	094 27.82	N22 08.37	015 34.41	N05 38.15	355 19.95	09.27	N01 57.99	16.14	61.09
14	197 27.53	350 34.25	S15 07.91	038 55.46	N10 14.56	066 54.62	N18 39.15	109 30.13	N22 08.37	030 34.62	N05 37.20	009 48.21	09.28	N01 41.85	16.15	61.09
15	212 29.99	005 34.90	S15 08.90	053 56.42	N10 13.97	081 56.58	N18 39.03	124 32.44	N22 08.37	045 34.84	N05 36.26	024 16.50	09.30	N01 25.70	16.15	61.08
16	227 32.45	020 35.55	S15 09.89	068 57.39	N10 13.38	096 58.54	N18 38.91	139 34.74	N22 08.37	060 35.05	N05 35.32	038 44.80	09.32	N01 09.55	16.15	61.07
17	242 34.92	035 36.19	S15 10.87	083 58.35	N10 12.79	112 00.50	N18 38.79	154 37.05	N22 08.37	075 35.26	N05 34.38	053 13.11	09.33	N00 53.39	16.16	61.07
18	257 37.38	050 36.84	S15 11.86	098 59.31	N10 12.20	127 02.46	N18 38.66	169 39.36	N22 08.37	090 35.48	N05 33.44	067 41.45	09.35	N00 37.24	16.15	61.06
19	272 39.85	065 37.49	S15 12.85	114 00.28	N10 11.61	142 04.42	N18 38.54	184 41.67	N22 08.37	105 35.69	N05 32.50	082 09.79	09.36	N00 21.08	16.15	61.05
20	287 42.31	080 38.14	S15 13.83	129 01.24	N10 11.01	157 06.38	N18 38.42	199 43.98	N22 08.37	120 35.91	N05 31.56	096 38.15	09.37	N00 04.93	16.15	61.04
21	302 44.77	095 38.79	S15 14.82	144 02.21	N10 10.42	172 08.35	N18 38.30	214 46.29	N22 08.37	135 36.12	N05 30.62	111 06.52	09.38	S00 11.22	16.14	61.03
22	317 47.24	110 39.45	S15 15.80	159 03.17	N10 09.83	187 10.31	N18 38.17	229 48.60	N22 08.37	150 36.34	N05 29.67	125 34.91	09.39	S00 27.36	16.13	61.02
23	332 49.70	125 40.10	S15 16.79	174 04.13	N10 09.24	202 12.27	N18 38.05	244 50.91	N22 08.36	165 36.55	N05 28.73	140 03.30	09.40	S00 43.49	16.12	61.01
09 00	347 52.17	140 40.75	S15 17.77	189 05.10	N10 08.65	217 14.23	N18 37.93	259 53.22	N22 08.36	180 36.77	N05 27.79	154 31.70	09.41	S00 59.61	16.11	61.00
01	002 54.63	155 41.41	S15 18.75	204 06.06	N10 08.06	232 16.19	N18 37.81	274 55.53	N22 08.36	195 36.98	N05 26.85	169 00.11	09.42	S01 15.72	16.10	60.99
02	017 57.09	170 42.07	S15 19.74	219 07.03	N10 07.46	247 18.15	N18 37.69	289 57.84	N22 08.36	210 37.20	N05 25.90	183 28.53	09.43	S01 31.82	16.08	60.98
03	032 59.56	185 42.72	S15 20.72	234 07.99	N10 06.87	262 20.12	N18 37.56	305 00.15	N22 08.36	225 37.41	N05 24.96	197 56.96	09.43	S01 47.90	16.06	60.97
04	048 02.02	200 43.38	S15 21.70	249 08.96	N10 06.28	277 22.08	N18 37.44	320 02.46	N22 08.36	240 37.63	N05 24.02	212 25.39	09.44	S02 03.96	16.04	60.95
05	063 04.49	215 44.04	S15 22.68	264 09.92	N10 05.69	292 24.04	N18 37.32	335 04.77	N22 08.36	255 37.85	N05 23.07	226 53.82	09.44	S02 20.01	16.02	60.94
06	078 06.95	230 44.71	S15 23.66	279 10.89	N10 05.09	307 26.00	N18 37.20	350 07.08	N22 08.36	270 38.06	N05 22.13	241 22.26	09.44	S02 36.03	16.00	60.93
07	093 09.41	245 45.37	S15 24.64	294 11.85	N10 04.50	322 27.96	N18 37.08	005 09.39	N22 08.36	285 38.28	N05 21.19	255 50.71	09.45	S02 52.03	15.97	60.91
08	108 11.88	260 46.03	S15 25.62	309 12.82	N10 03.91	337 29.93	N18 36.95	020 11.71	N22 08.36	300 38.49	N05 20.24	270 19.15	09.45	S03 08.00	15.95	60.90
09	123 14.34	275 46.70	S15 26.59	324 13.79	N10 03.32	352 31.89	N18 36.83	035 14.02	N22 08.36	315 38.71	N05 19.30	284 47.60	09.45	S03 23.95	15.92	60.88
10	138 16.81	290 47.36	S15 27.57	339 14.75	N10 02.72	007 33.85	N18 36.71	050 16.33	N22 08.36	330 38.92	N05 18.36	299 16.05	09.45	S03 39.87	15.89	60.87
11	153 19.27	305 48.03	S15 28.55	354 15.72	N10 02.13	022 35.82	N18 36.59	065 18.64	N22 08.36	345 39.14	N05 17.41	313 44.49	09.45	S03 55.76	15.86	60.85
12	168 21.73	320 48.70	S15 29.52	009 16.68	N10 01.54	037 37.78	N18 36.47	080 20.95	N22 08.36	000 39.36	N05 16.47	328 12.94	09.44	S04 11.62	15.82	60.83
13	183 24.20	335 49.36	S15 30.50	024 17.65	N10 00.94	052 39.74	N18 36.34	095 23.26	N22 08.36	015 39.57	N05 15.52	342 41.38	09.44	S04 27.44	15.79	60.82
14	198 26.66	350 50.03	S15 31.47	039 18.61	N10 00.35	067 41.71	N18 36.22	110 25.58	N22 08.36	030 39.79	N05 14.58	357 09.82	09.44	S04 43.23	15.75	60.80
15	213 29.13	005 50.71	S15 32.45	054 19.58	N09 59.76	082 43.67	N18 36.10	125 27.89	N22 08.36	045 40.00	N05 13.63	011 38.26	09.43	S04 58.98	15.71	60.78
16	228 31.59	020 51.38	S15 33.42	069 20.55	N09 59.16	097 45.63	N18 35.98	140 30.20	N22 08.36	060 40.22	N05 12.69	026 06.69	09.43	S05 14.69	15.67	60.76
17	243 34.06	035 52.05	S15 34.39	084 21.51	N09 58.57	112 47.60	N18 35.86	155 32.52	N22 08.36	075 40.44	N05 11.74	040 35.11	09.42	S05 30.36	15.63	60.74
18	258 36.52	050 52.73	S15 35.36	099 22.48	N09 57.98	127 49.56	N18 35.73	170 34.83	N22 08.36	090 40.65	N05 10.80	055 03.53	09.41	S05 45.99	15.58	60.73
19	273 38.98	065 53.40	S15 36.33	114 23.44	N09 57.38	142 51.52	N18 35.61	185 37.14	N22 08.36	105 40.87	N05 09.85	069 31.94	09.40	S06 01.57	15.54	60.71
20	288 41.45	080 54.08	S15 37.31	129 24.41	N09 56.79	157 53.49	N18 35.49	200 39.46	N22 08.36	120 41.09	N05 08.91	084 00.35	09.39	S06 17.11	15.49	60.69
21	303 43.91	095 54.76	S15 38.28	144 25.38	N09 56.19	172 55.45	N18 35.37	215 41.77	N22 08.36	135 41.30	N05 07.96	098 28.74	09.38	S06 32.60	15.44	60.67
22	318 46.38	110 55.44	S15 39.24	159 26.34	N09 55.60	187 57.42	N18 35.25	230 44.08	N22 08.36	150 41.52	N05 07.02	112 57.12	09.37	S06 48.04	15.39	60.65
23	333 48.84	125 56.12	S15 40.21	174 27.31	N09 55.00	202 59.38	N18 35.13	245 46.40	N22 08.36	165 41.74	N05 06.07	127 25.50	09.36	S07 03.43	15.34	60.62
		v 0.66	d 0.98	v 0.96	d 0.59	v 1.96	d 0.12	v 2.31	d 0.00	v 0.22	d 0.94	SD	16.65	16.58		
		HP 0.27		HP 0.06						SD 15.88	HP 0.15					

Tuesday September 10, 2002 through Wednesday September 11, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
10 00	348 51.30	140 56.80	S15 41.18	189 28.28	N09 54.41	218 01.35	N18 35.00	260 48.71	N22 08.36	180 41.95	N05 05.12	141 53.86	09.35	S07 18.77	15.28	60.60
01	003 53.77	155 57.48	S15 42.15	204 29.24	N09 53.82	233 03.31	N18 34.88	275 51.03	N22 08.36	195 42.17	N05 04.18	156 22.21	09.34	S07 34.05	15.23	60.58
02	018 56.23	170 58.16	S15 43.12	219 30.21	N09 53.22	248 05.28	N18 34.76	290 53.34	N22 08.36	210 42.39	N05 03.23	170 50.54	09.32	S07 49.28	15.17	60.56
03	033 58.70	185 58.85	S15 44.08	234 31.18	N09 52.63	263 07.24	N18 34.64	305 55.66	N22 08.35	225 42.60	N05 02.29	185 18.86	09.31	S08 04.45	15.11	60.54
04	049 01.16	200 59.53	S15 45.05	249 32.15	N09 52.03	278 09.21	N18 34.52	320 57.97	N22 08.35	240 42.82	N05 01.34	199 47.17	09.29	S08 19.56	15.05	60.51
05	064 03.62	216 00.22	S15 46.01	264 33.11	N09 51.44	293 11.17	N18 34.39	336 00.29	N22 08.35	255 43.04	N05 00.39	214 15.46	09.28	S08 34.61	14.99	60.49
06	079 06.09	231 00.91	S15 46.98	279 34.08	N09 50.84	308 13.14	N18 34.27	351 02.60	N22 08.35	270 43.25	N04 59.44	228 43.74	09.26	S08 49.60	14.92	60.47
07	094 08.55	246 01.60	S15 47.94	294 35.05	N09 50.25	323 15.10	N18 34.15	006 04.92	N22 08.35	285 43.47	N04 58.50	243 12.00	09.24	S09 04.52	14.86	60.44
08	109 11.02	261 02.29	S15 48.90	309 36.02	N09 49.65	338 17.07	N18 34.03	021 07.23	N22 08.35	300 43.69	N04 57.55	257 40.24	09.22	S09 19.38	14.79	60.42
09	124 13.48	276 02.98	S15 49.86	324 36.98	N09 49.06	353 19.03	N18 33.91	036 09.55	N22 08.35	315 43.91	N04 56.60	272 08.46	09.20	S09 34.17	14.72	60.39
10	139 15.94	291 03.67	S15 50.83	339 37.95	N09 48.46	008 21.00	N18 33.79	051 11.86	N22 08.35	330 44.12	N04 55.66	286 36.66	09.18	S09 48.89	14.65	60.37
11	154 18.41	306 04.37	S15 51.79	354 38.92	N09 47.87	023 22.96	N18 33.66	066 14.18	N22 08.35	345 44.34	N04 54.71	301 04.85	09.16	S10 03.54	14.58	60.34
12	169 20.87	321 05.06	S15 52.75	009 39.89	N09 47.27	038 24.93	N18 33.54	081 16.50	N22 08.35	000 44.56	N04 53.76	315 33.01	09.14	S10 18.12	14.51	60.32
13	184 23.34	336 05.76	S15 53.71	024 40.85	N09 46.67	053 26.90	N18 33.42	096 18.81	N22 08.35	015 44.78	N04 52.81	330 01.15	09.12	S10 32.63	14.43	60.29
14	199 25.80	351 06.45	S15 54.66	039 41.82	N09 46.08	068 28.86	N18 33.30	111 21.13	N22 08.35	030 44.99	N04 51.86	344 29.27	09.10	S10 47.06	14.36	60.27
15	214 28.26	006 07.15	S15 55.62	054 42.79	N09 45.48	083 30.83	N18 33.18	126 23.45	N22 08.35	045 45.21	N04 50.92	358 57.37	09.07	S11 01.41	14.28	60.24
16	229 30.73	021 07.85	S15 56.58	069 43.76	N09 44.89	098 32.80	N18 33.06	141 25.76	N22 08.35	060 45.43	N04 49.97	013 25.45	09.05	S11 15.69	14.20	60.21
17	244 33.19	036 08.55	S15 57.54	084 44.73	N09 44.29	113 34.76	N18 32.93	156 28.08	N22 08.35	075 45.65	N04 49.02	027 53.50	09.03	S11 29.89	14.12	60.19
18	259 35.66	051 09.26	S15 58.49	099 45.70	N09 43.69	128 36.73	N18 32.81	171 30.40	N22 08.35	090 45.87	N04 48.07	042 21.52	09.00	S11 44.01	14.03	60.16
19	274 38.12	066 09.96	S15 59.45	114 46.66	N09 43.10	143 38.70	N18 32.69	186 32.72	N22 08.35	105 46.08	N04 47.12	056 49.53	08.98	S11 58.04	13.95	60.13
20	289 40.58	081 10.66	S16 00.40	129 47.63	N09 42.50	158 40.67	N18 32.57	201 35.04	N22 08.35	120 46.30	N04 46.17	071 17.50	08.95	S12 11.99	13.87	60.10
21	304 43.05	096 11.37	S16 01.36	144 48.60	N09 41.91	173 42.63	N18 32.45	216 37.35	N22 08.35	135 46.52	N04 45.22	085 45.45	08.93	S12 25.86	13.78	60.07
22	319 45.51	111 12.08	S16 02.31	159 49.57	N09 41.31	188 44.60	N18 32.33	231 39.67	N22 08.35	150 46.74	N04 44.27	100 13.38	08.90	S12 39.64	13.69	60.05
23	334 47.98	126 12.78	S16 03.26	174 50.54	N09 40.71	203 46.57	N18 32.20	246 41.99	N22 08.34	165 46.96	N04 43.32	114 41.28	08.87	S12 53.33	13.60	60.02
11 00	349 50.44	141 13.49	S16 04.22	189 51.51	N09 40.12	218 48.54	N18 32.08	261 44.31	N22 08.34	180 47.18	N04 42.37	129 09.15	08.84	S13 06.93	13.51	59.99
01	004 52.91	156 14.20	S16 05.17	204 52.48	N09 39.52	233 50.50	N18 31.96	276 46.63	N22 08.34	195 47.39	N04 41.43	143 36.99	08.82	S13 20.44	13.42	59.96
02	019 55.37	171 14.92	S16 06.12	219 53.45	N09 38.92	248 52.47	N18 31.84	291 48.95	N22 08.34	210 47.61	N04 40.48	158 04.81	08.79	S13 33.86	13.33	59.93
03	034 57.83	186 15.63	S16 07.07	234 54.41	N09 38.32	263 54.44	N18 31.72	306 51.27	N22 08.34	225 47.83	N04 39.53	172 32.59	08.76	S13 47.19	13.23	59.90
04	050 00.30	201 16.34	S16 08.02	249 55.38	N09 37.73	278 56.41	N18 31.60	321 53.58	N22 08.34	240 48.05	N04 38.58	187 00.35	08.73	S14 00.42	13.13	59.87
05	065 02.76	216 17.06	S16 08.97	264 56.35	N09 37.13	293 58.38	N18 31.47	336 55.90	N22 08.34	255 48.27	N04 37.63	201 28.08	08.70	S14 13.55	13.04	59.84
06	080 05.23	231 17.77	S16 09.91	279 57.32	N09 36.53	309 00.34	N18 31.35	351 58.22	N22 08.34	270 48.49	N04 36.67	215 55.78	08.67	S14 26.59	12.94	59.81
07	095 07.69	246 18.49	S16 10.86	294 58.29	N09 35.94	324 02.31	N18 31.23	007 00.54	N22 08.34	285 48.71	N04 35.72	230 23.45	08.64	S14 39.53	12.84	59.78
08	110 10.15	261 19.21	S16 11.81	309 59.26	N09 35.34	339 04.28	N18 31.11	022 02.86	N22 08.34	300 48.92	N04 34.77	244 51.08	08.61	S14 52.37	12.74	59.75
09	125 12.62	276 19.93	S16 12.75	325 00.23	N09 34.74	354 06.25	N18 30.99	037 05.18	N22 08.34	315 49.14	N04 33.82	259 18.69	08.58	S15 05.10	12.63	59.72
10	140 15.08	291 20.65	S16 13.70	340 01.20	N09 34.14	009 08.22	N18 30.87	052 07.50	N22 08.34	330 49.36	N04 32.87	273 46.27	08.54	S15 17.74	12.53	59.69
11	155 17.55	306 21.37	S16 14.64	355 02.17	N09 33.54	024 10.19	N18 30.74	067 09.83	N22 08.34	345 49.58	N04 31.92	288 13.81	08.51	S15 30.27	12.43	59.65
12	170 20.01	321 22.10	S16 15.59	010 03.14	N09 32.95	039 12.16	N18 30.62	082 12.15	N22 08.34	000 49.80	N04 30.97	302 41.32	08.48	S15 42.70	12.32	59.62
13	185 22.47	336 22.82	S16 16.53	025 04.11	N09 32.35	054 14.13	N18 30.50	097 14.47	N22 08.34	015 50.02	N04 30.02	317 08.81	08.45	S15 55.01	12.21	59.59
14	200 24.94	351 23.55	S16 17.47	040 05.08	N09 31.75	069 16.10	N18 30.38	112 16.79	N22 08.34	030 50.24	N04 29.07	331 36.26	08.42	S16 07.23	12.10	59.56
15	215 27.40	006 24.28	S16 18.42	055 06.05	N09 31.15	084 18.07	N18 30.26	127 19.11	N22 08.33	045 50.46	N04 28.12	346 03.67	08.39	S16 19.33	11.99	59.53
16	230 29.87	021 25.01	S16 19.36	070 07.02	N09 30.55	099 20.04	N18 30.14	142 21.43	N22 08.33	060 50.68	N04 27.16	000 31.06	08.35	S16 31.32	11.88	59.50
17	245 32.33	036 25.74	S16 20.30	085 07.99	N09 29.96	114 22.01	N18 30.02	157 23.75	N22 08.33	075 50.90	N04 26.21	014 58.41	08.32	S16 43.20	11.77	59.46
18	260 34.79	051 26.47	S16 21.24	100 08.96	N09 29.36	129 23.98	N18 29.89	172 26.07	N22 08.33	090 51.12	N04 25.26	029 25.73	08.29	S16 54.97	11.66	59.43
19	275 37.26	066 27.20	S16 22.18	115 09.93	N09 28.76	144 25.95	N18 29.77	187 28.40	N22 08.33	105 51.34	N04 24.31	043 53.02	08.26	S17 06.63	11.54	59.40
20	290 39.72	081 27.93	S16 23.11	130 10.90	N09 28.16	159 27.92	N18 29.65	202 30.72	N22 08.33	120 51.55	N04 23.36	058 20.28	08.22	S17 18.17	11.43	59.37
21	305 42.19	096 28.67	S16 24.05	145 11.88	N09 27.56	174 29.89	N18 29.53	217 33.04	N22 08.33	135 51.77	N04 22.40	072 47.50	08.19	S17 29.60	11.31	59.33
22	320 44.65	111 29.40	S16 24.99	160 12.85	N09 26.96	189 31.86	N18 29.41	232 35.36	N22 08.33	150 51.99	N04 21.45	087 14.69	08.16	S17 40.91	11.19	59.30
23	335 47.12	126 30.14	S16 25.93	175 13.82	N09 26.36	204 33.83	N18 29.29	247 37.69	N22 08.33	165 52.21	N04 20.50	101 41.85	08.13	S17 52.10	11.07	59.27
		v 0.71	d 0.95	v 0.97	d 0.60	v 1.97	d 0.12	v 2.32	d 0.00	v 0.22	d 0.95	SD	16.44	16.25		
		HP 0.28		HP 0.06						SD 15.89	HP 0.15					

Thursday September 12, 2002 through Friday September 13, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
12 00	350 49.58	141 30.88	S16 26.86	190 14.79	N09 25.76	219 35.80	N18 29.17	262 40.01	N22 08.33	180 52.43	N04 19.55	116 08.97	08.09	S18 03.17	10.95	59.23
01	005 52.04	156 31.62	S16 27.80	205 15.76	N09 25.16	234 37.77	N18 29.05	277 42.33	N22 08.33	195 52.65	N04 18.59	130 36.07	08.06	S18 14.13	10.83	59.20
02	020 54.51	171 32.36	S16 28.73	220 16.73	N09 24.57	249 39.74	N18 28.92	292 44.66	N22 08.33	210 52.87	N04 17.64	145 03.13	08.03	S18 24.96	10.71	59.17
03	035 56.97	186 33.10	S16 29.66	235 17.70	N09 23.97	264 41.72	N18 28.80	307 46.98	N22 08.33	225 53.09	N04 16.69	159 30.16	08.00	S18 35.67	10.59	59.13
04	050 59.44	201 33.85	S16 30.60	250 18.67	N09 23.37	279 43.69	N18 28.68	322 49.30	N22 08.33	240 53.31	N04 15.73	173 57.15	07.96	S18 46.26	10.46	59.10
05	066 01.90	216 34.59	S16 31.53	265 19.64	N09 22.77	294 45.66	N18 28.56	337 51.63	N22 08.33	255 53.53	N04 14.78	188 24.12	07.93	S18 56.72	10.34	59.07
06	081 04.36	231 35.34	S16 32.46	280 20.62	N09 22.17	309 47.63	N18 28.44	352 53.95	N22 08.32	270 53.75	N04 13.83	202 51.05	07.90	S19 07.06	10.21	59.03
07	096 06.83	246 36.09	S16 33.39	295 21.59	N09 21.57	324 49.60	N18 28.32	007 56.28	N22 08.32	285 53.97	N04 12.87	217 17.95	07.87	S19 17.28	10.09	59.00
08	111 09.29	261 36.83	S16 34.32	310 22.56	N09 20.97	339 51.57	N18 28.20	022 58.60	N22 08.32	300 54.19	N04 11.92	231 44.82	07.84	S19 27.36	09.96	58.97
09	126 11.76	276 37.58	S16 35.25	325 23.53	N09 20.37	354 53.55	N18 28.08	038 00.92	N22 08.32	315 54.41	N04 10.97	246 11.66	07.81	S19 37.32	09.83	58.93
10	141 14.22	291 38.34	S16 36.18	340 24.50	N09 19.77	009 55.52	N18 27.95	053 03.25	N22 08.32	330 54.63	N04 10.01	260 38.47	07.78	S19 47.15	09.70	58.90
11	156 16.69	306 39.09	S16 37.11	355 25.47	N09 19.17	024 57.49	N18 27.83	068 05.57	N22 08.32	345 54.85	N04 09.06	275 05.25	07.75	S19 56.85	09.57	58.86
12	171 19.15	321 39.84	S16 38.03	010 26.45	N09 18.57	039 59.46	N18 27.71	083 07.90	N22 08.32	000 55.07	N04 08.10	289 32.00	07.72	S20 06.42	09.44	58.83
13	186 21.61	336 40.60	S16 38.96	025 27.42	N09 17.97	055 01.44	N18 27.59	098 10.22	N22 08.32	015 55.29	N04 07.15	303 58.72	07.69	S20 15.86	09.31	58.80
14	201 24.08	351 41.35	S16 39.89	040 28.39	N09 17.37	070 03.41	N18 27.47	113 12.55	N22 08.32	030 55.51	N04 06.19	318 25.41	07.66	S20 25.17	09.17	58.76
15	216 26.54	006 42.11	S16 40.81	055 29.36	N09 16.77	085 05.38	N18 27.35	128 14.88	N22 08.32	045 55.74	N04 05.24	332 52.07	07.63	S20 34.35	09.04	58.73
16	231 29.01	021 42.87	S16 41.73	070 30.34	N09 16.17	100 07.36	N18 27.23	143 17.20	N22 08.32	060 55.96	N04 04.28	347 18.70	07.60	S20 43.39	08.91	58.69
17	246 31.47	036 43.63	S16 42.66	085 31.31	N09 15.56	115 09.33	N18 27.11	158 19.53	N22 08.32	075 56.18	N04 03.33	001 45.30	07.58	S20 52.29	08.77	58.66
18	261 33.93	051 44.39	S16 43.58	100 32.28	N09 14.96	130 11.30	N18 26.99	173 21.85	N22 08.32	090 56.40	N04 02.37	016 11.88	07.55	S21 01.07	08.64	58.63
19	276 36.40	066 45.16	S16 44.50	115 33.25	N09 14.36	145 13.28	N18 26.86	188 24.18	N22 08.31	105 56.62	N04 01.42	030 38.43	07.52	S21 09.70	08.50	58.59
20	291 38.86	081 45.92	S16 45.42	130 34.23	N09 13.76	160 15.25	N18 26.74	203 26.51	N22 08.31	120 56.84	N04 00.46	045 04.95	07.50	S21 18.20	08.36	58.56
21	306 41.33	096 46.69	S16 46.35	145 35.20	N09 13.16	175 17.22	N18 26.62	218 28.83	N22 08.31	135 57.06	N03 59.51	059 31.45	07.47	S21 26.56	08.22	58.52
22	321 43.79	111 47.45	S16 47.27	160 36.17	N09 12.56	190 19.20	N18 26.50	233 31.16	N22 08.31	150 57.28	N03 58.55	073 57.93	07.45	S21 34.79	08.09	58.49
23	336 46.25	126 48.22	S16 48.18	175 37.14	N09 11.96	205 21.17	N18 26.38	248 33.49	N22 08.31	165 57.50	N03 57.60	088 24.38	07.43	S21 42.87	07.95	58.45
13 00	351 48.72	141 48.99	S16 49.10	190 38.12	N09 11.36	220 23.15	N18 26.26	263 35.82	N22 08.31	180 57.72	N03 56.64	102 50.80	07.40	S21 50.82	07.81	58.42
01	006 51.18	156 49.76	S16 50.02	205 39.09	N09 10.76	235 25.12	N18 26.14	278 38.14	N22 08.31	195 57.94	N03 55.69	117 17.20	07.38	S21 58.63	07.67	58.39
02	021 53.65	171 50.54	S16 50.94	220 40.06	N09 10.15	250 27.09	N18 26.02	293 40.47	N22 08.31	210 58.16	N03 54.73	131 43.58	07.36	S22 06.29	07.52	58.35
03	036 56.11	186 51.31	S16 51.85	235 41.04	N09 09.55	265 29.07	N18 25.90	308 42.80	N22 08.31	225 58.38	N03 53.77	146 09.94	07.34	S22 13.82	07.38	58.32
04	051 58.58	201 52.08	S16 52.77	250 42.01	N09 08.95	280 31.04	N18 25.78	323 45.13	N22 08.31	240 58.61	N03 52.82	160 36.28	07.32	S22 21.20	07.24	58.28
05	067 01.04	216 52.86	S16 53.69	265 42.98	N09 08.35	295 33.02	N18 25.65	338 47.45	N22 08.31	255 58.83	N03 51.86	175 02.59	07.30	S22 28.44	07.10	58.25
06	082 03.50	231 53.64	S16 54.60	280 43.96	N09 07.75	310 34.99	N18 25.53	353 49.78	N22 08.31	270 59.05	N03 50.91	189 28.89	07.28	S22 35.54	06.95	58.22
07	097 05.97	246 54.42	S16 55.51	295 44.93	N09 07.15	325 36.97	N18 25.41	008 52.11	N22 08.30	285 59.27	N03 49.95	203 55.17	07.26	S22 42.49	06.81	58.18
08	112 08.43	261 55.20	S16 56.43	310 45.90	N09 06.54	340 38.94	N18 25.29	023 54.44	N22 08.30	300 59.49	N03 48.99	218 21.43	07.24	S22 49.30	06.67	58.15
09	127 10.90	276 55.98	S16 57.34	325 46.88	N09 05.94	355 40.92	N18 25.17	038 56.77	N22 08.30	315 59.71	N03 48.04	232 47.67	07.23	S22 55.97	06.52	58.11
10	142 13.36	291 56.76	S16 58.25	340 47.85	N09 05.34	010 42.90	N18 25.05	053 59.10	N22 08.30	330 59.93	N03 47.08	247 13.90	07.21	S23 02.49	06.38	58.08
11	157 15.82	306 57.55	S16 59.16	355 48.83	N09 04.74	025 44.87	N18 24.93	069 01.43	N22 08.30	346 00.15	N03 46.12	261 40.12	07.20	S23 08.87	06.23	58.05
12	172 18.29	321 58.33	S17 00.07	010 49.80	N09 04.13	040 46.85	N18 24.81	084 03.76	N22 08.30	001 00.38	N03 45.16	276 06.31	07.19	S23 15.10	06.08	58.01
13	187 20.75	336 59.12	S17 00.98	025 50.77	N09 03.53	055 48.82	N18 24.69	099 06.09	N22 08.30	016 00.60	N03 44.21	290 32.50	07.17	S23 21.18	05.94	57.98
14	202 23.22	351 59.91	S17 01.89	040 51.75	N09 02.93	070 50.80	N18 24.57	114 08.42	N22 08.30	031 00.82	N03 43.25	304 58.67	07.16	S23 27.12	05.79	57.94
15	217 25.68	007 00.70	S17 02.79	055 52.72	N09 02.33	085 52.78	N18 24.45	129 10.75	N22 08.30	046 01.04	N03 42.29	319 24.84	07.15	S23 32.91	05.64	57.91
16	232 28.15	022 01.49	S17 03.70	070 53.70	N09 01.72	100 54.75	N18 24.32	144 13.08	N22 08.30	061 01.26	N03 41.34	333 50.99	07.14	S23 38.56	05.50	57.88
17	247 30.61	037 02.28	S17 04.61	085 54.67	N09 01.12	115 56.73	N18 24.20	159 15.41	N22 08.30	076 01.48	N03 40.38	348 17.13	07.13	S23 44.06	05.35	57.84
18	262 33.07	052 03.08	S17 05.51	100 55.65	N09 00.52	130 58.71	N18 24.08	174 17.74	N22 08.30	091 01.71	N03 39.42	002 43.26	07.13	S23 49.41	05.20	57.81
19	277 35.54	067 03.87	S17 06.42	115 56.62	N08 59.91	146 00.68	N18 23.96	189 20.07	N22 08.29	106 01.93	N03 38.46	017 09.39	07.12	S23 54.61	05.05	57.78
20	292 38.00	082 04.67	S17 07.32	130 57.59	N08 59.31	161 02.66	N18 23.84	204 22.40	N22 08.29	121 02.15	N03 37.50	031 35.51	07.12	S23 59.66	04.90	57.74
21	307 40.47	097 05.47	S17 08.22	145 58.57	N08 58.71	176 04.64	N18 23.72	219 24.73	N22 08.29	136 02.37	N03 36.55	046 01.63	07.11	S24 04.57	04.76	57.71
22	322 42.93	112 06.27	S17 09.13	160 59.54	N08 58.10	191 06.61	N18 23.60	234 27.06	N22 08.29	151 02.59	N03 35.59	060 27.74	07.11	S24 09.32	04.61	57.68
23	337 45.39	127 07.07	S17 10.03	176 00.52	N08 57.50	206 08.59	N18 23.48	249 29.39	N22 08.29	166 02.81	N03 34.63	074 53.85	07.11	S24 13.93	04.46	57.64
		v 0.77	d 0.92	v 0.97	d 0.60	v 1.97	d 0.12	v 2.33	d 0.00	v 0.22	d 0.96	SD	16.03	15.81		
		HP 0.28		HP 0.06						SD 15.89	HP 0.15					

Saturday September 14, 2002 through Sunday September 15, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
14 00	352 47.86	142 07.87	S17 10.93	191 01.49	N08 56.90	221 10.57	N18 23.36	264 31.73	N22 08.29	181 03.04	N03 33.67	089 19.96	07.11	S24 18.39	04.31	57.61
01	007 50.32	157 08.67	S17 11.83	206 02.47	N08 56.29	236 12.55	N18 23.24	279 34.06	N22 08.29	196 03.26	N03 32.71	103 46.06	07.11	S24 22.70	04.16	57.58
02	022 52.79	172 09.48	S17 12.73	221 03.44	N08 55.69	251 14.52	N18 23.12	294 36.39	N22 08.29	211 03.48	N03 31.75	118 12.17	07.11	S24 26.86	04.01	57.55
03	037 55.25	187 10.28	S17 13.63	236 04.42	N08 55.09	266 16.50	N18 23.00	309 38.72	N22 08.29	226 03.70	N03 30.79	132 38.28	07.11	S24 30.87	03.86	57.51
04	052 57.72	202 11.09	S17 14.52	251 05.40	N08 54.48	281 18.48	N18 22.88	324 41.06	N22 08.29	241 03.92	N03 29.84	147 04.39	07.12	S24 34.73	03.71	57.48
05	068 00.18	217 11.90	S17 15.42	266 06.37	N08 53.88	296 20.46	N18 22.76	339 43.39	N22 08.29	256 04.15	N03 28.88	161 30.51	07.12	S24 38.44	03.56	57.45
06	083 02.64	232 12.71	S17 16.32	281 07.35	N08 53.27	311 22.44	N18 22.64	354 45.72	N22 08.28	271 04.37	N03 27.92	175 56.63	07.13	S24 42.00	03.41	57.42
07	098 05.11	247 13.52	S17 17.21	296 08.32	N08 52.67	326 24.42	N18 22.52	009 48.05	N22 08.28	286 04.59	N03 26.96	190 22.75	07.14	S24 45.41	03.26	57.38
08	113 07.57	262 14.34	S17 18.11	311 09.30	N08 52.07	341 26.39	N18 22.39	024 50.39	N22 08.28	301 04.81	N03 26.00	204 48.89	07.14	S24 48.67	03.11	57.35
09	128 10.04	277 15.15	S17 19.00	326 10.27	N08 51.46	356 28.37	N18 22.27	039 52.72	N22 08.28	316 05.04	N03 25.04	219 15.03	07.15	S24 51.78	02.96	57.32
10	143 12.50	292 15.97	S17 19.90	341 11.25	N08 50.86	011 30.35	N18 22.15	054 55.05	N22 08.28	331 05.26	N03 24.08	233 41.19	07.17	S24 54.74	02.81	57.29
11	158 14.96	307 16.79	S17 20.79	356 12.22	N08 50.25	026 32.33	N18 22.03	069 57.39	N22 08.28	346 05.48	N03 23.12	248 07.35	07.18	S24 57.56	02.66	57.26
12	173 17.43	322 17.61	S17 21.68	011 13.20	N08 49.65	041 34.31	N18 21.91	084 59.72	N22 08.28	001 05.70	N03 22.16	262 33.53	07.19	S25 00.22	02.51	57.22
13	188 19.89	337 18.43	S17 22.57	026 14.18	N08 49.04	056 36.29	N18 21.79	100 02.06	N22 08.28	016 05.92	N03 21.20	276 59.72	07.21	S25 02.73	02.36	57.19
14	203 22.36	352 19.25	S17 23.46	041 15.15	N08 48.44	071 38.27	N18 21.67	115 04.39	N22 08.28	031 06.15	N03 20.24	291 25.93	07.22	S25 05.10	02.21	57.16
15	218 24.82	007 20.07	S17 24.35	056 16.13	N08 47.83	086 40.25	N18 21.55	130 06.73	N22 08.28	046 06.37	N03 19.28	305 52.15	07.24	S25 07.31	02.07	57.13
16	233 27.29	022 20.90	S17 25.24	071 17.11	N08 47.23	101 42.23	N18 21.43	145 09.06	N22 08.27	061 06.59	N03 18.32	320 18.39	07.26	S25 09.38	01.92	57.10
17	248 29.75	037 21.72	S17 26.13	086 18.08	N08 46.62	116 44.21	N18 21.31	160 11.40	N22 08.27	076 06.81	N03 17.36	334 44.65	07.28	S25 11.29	01.77	57.07
18	263 32.21	052 22.55	S17 27.02	101 19.06	N08 46.02	131 46.19	N18 21.19	175 13.73	N22 08.27	091 07.04	N03 16.40	349 10.93	07.30	S25 13.06	01.62	57.04
19	278 34.68	067 23.38	S17 27.90	116 20.03	N08 45.41	146 48.17	N18 21.07	190 16.07	N22 08.27	106 07.26	N03 15.44	003 37.23	07.32	S25 14.68	01.47	57.00
20	293 37.14	082 24.21	S17 28.79	131 21.01	N08 44.81	161 50.15	N18 20.95	205 18.40	N22 08.27	121 07.48	N03 14.48	018 03.55	07.35	S25 16.15	01.32	56.97
21	308 39.61	097 25.04	S17 29.67	146 21.99	N08 44.20	176 52.13	N18 20.83	220 20.74	N22 08.27	136 07.70	N03 13.52	032 29.90	07.37	S25 17.47	01.17	56.94
22	323 42.07	112 25.88	S17 30.56	161 22.96	N08 43.60	191 54.11	N18 20.71	235 23.07	N22 08.27	151 07.93	N03 12.56	046 56.27	07.40	S25 18.65	01.03	56.91
23	338 44.53	127 26.71	S17 31.44	176 23.94	N08 42.99	206 56.09	N18 20.59	250 25.41	N22 08.27	166 08.15	N03 11.60	061 22.67	07.43	S25 19.67	00.88	56.88
15 00	353 47.00	142 27.55	S17 32.32	191 24.92	N08 42.39	221 58.07	N18 20.47	265 27.74	N22 08.27	181 08.37	N03 10.64	075 49.10	07.45	S25 20.55	00.73	56.85
01	008 49.46	157 28.39	S17 33.20	206 25.89	N08 41.78	237 00.05	N18 20.35	280 30.08	N22 08.27	196 08.59	N03 09.68	090 15.55	07.48	S25 21.29	00.59	56.82
02	023 51.93	172 29.23	S17 34.09	221 26.87	N08 41.17	252 02.03	N18 20.23	295 32.42	N22 08.26	211 08.82	N03 08.71	104 42.04	07.52	S25 21.87	00.44	56.79
03	038 54.39	187 30.07	S17 34.97	236 27.85	N08 40.57	267 04.01	N18 20.11	310 34.75	N22 08.26	226 09.04	N03 07.75	119 08.55	07.55	S25 22.31	00.29	56.76
04	053 56.86	202 30.91	S17 35.85	251 28.83	N08 39.96	282 06.00	N18 19.99	325 37.09	N22 08.26	241 09.26	N03 06.79	133 35.10	07.58	S25 22.61	00.15	56.73
05	068 59.32	217 31.76	S17 36.72	266 29.80	N08 39.36	297 07.98	N18 19.87	340 39.43	N22 08.26	256 09.49	N03 05.83	148 01.68	07.62	S25 22.75	00.00	56.70
06	084 01.78	232 32.60	S17 37.60	281 30.78	N08 38.75	312 09.96	N18 19.75	355 41.77	N22 08.26	271 09.71	N03 04.87	162 28.30	07.65	S25 22.76	00.14	56.68
07	099 04.25	247 33.45	S17 38.48	296 31.76	N08 38.14	327 11.94	N18 19.63	010 44.10	N22 08.26	286 09.93	N03 03.91	176 54.95	07.69	S25 22.62	00.29	56.65
08	114 06.71	262 34.30	S17 39.36	311 32.74	N08 37.54	342 13.92	N18 19.51	025 46.44	N22 08.26	301 10.15	N03 02.95	191 21.64	07.73	S25 22.33	00.43	56.62
09	129 09.18	277 35.15	S17 40.23	326 33.71	N08 36.93	357 15.91	N18 19.39	040 48.78	N22 08.26	316 10.38	N03 01.98	205 48.37	07.77	S25 21.90	00.57	56.59
10	144 11.64	292 36.00	S17 41.11	341 34.69	N08 36.33	012 17.89	N18 19.27	055 51.12	N22 08.26	331 10.60	N03 01.02	220 15.13	07.81	S25 21.33	00.72	56.56
11	159 14.10	307 36.85	S17 41.98	356 35.67	N08 35.72	027 19.87	N18 19.15	070 53.46	N22 08.26	346 10.82	N03 00.06	234 41.94	07.85	S25 20.61	00.86	56.53
12	174 16.57	322 37.71	S17 42.85	011 36.65	N08 35.11	042 21.85	N18 19.03	085 55.79	N22 08.25	001 11.05	N02 59.10	249 08.79	07.89	S25 19.75	01.00	56.50
13	189 19.03	337 38.56	S17 43.73	026 37.62	N08 34.51	057 23.84	N18 18.91	100 58.13	N22 08.25	016 11.27	N02 58.14	263 35.68	07.94	S25 18.75	01.14	56.47
14	204 21.50	352 39.42	S17 44.60	041 38.60	N08 33.90	072 25.82	N18 18.79	116 00.47	N22 08.25	031 11.49	N02 57.17	278 02.62	07.98	S25 17.61	01.28	56.45
15	219 23.96	007 40.28	S17 45.47	056 39.58	N08 33.29	087 27.80	N18 18.67	131 02.81	N22 08.25	046 11.72	N02 56.21	292 29.60	08.03	S25 16.33	01.42	56.42
16	234 26.43	022 41.14	S17 46.34	071 40.56	N08 32.68	102 29.78	N18 18.55	146 05.15	N22 08.25	061 11.94	N02 55.25	306 56.63	08.08	S25 14.91	01.56	56.39
17	249 28.89	037 42.00	S17 47.21	086 41.54	N08 32.08	117 31.77	N18 18.43	161 07.49	N22 08.25	076 12.16	N02 54.29	321 23.71	08.12	S25 13.35	01.70	56.36
18	264 31.35	052 42.86	S17 48.08	101 42.52	N08 31.47	132 33.75	N18 18.31	176 09.83	N22 08.25	091 12.38	N02 53.32	335 50.83	08.17	S25 11.65	01.84	56.34
19	279 33.82	067 43.73	S17 48.94	116 43.49	N08 30.86	147 35.74	N18 18.19	191 12.17	N22 08.25	106 12.61	N02 52.36	350 18.00	08.22	S25 09.81	01.98	56.31
20	294 36.28	082 44.60	S17 49.81	131 44.47	N08 30.26	162 37.72	N18 18.07	206 14.51	N22 08.25	121 12.83	N02 51.40	004 45.23	08.27	S25 07.83	02.11	56.28
21	309 38.75	097 45.46	S17 50.68	146 45.45	N08 29.65	177 39.70	N18 17.95	221 16.85	N22 08.24	136 13.05	N02 50.44	019 12.50	08.33	S25 05.72	02.25	56.25
22	324 41.21	112 46.33	S17 51.54	161 46.43	N08 29.04	192 41.69	N18 17.83	236 19.19	N22 08.24	151 13.28	N02 49.47	033 39.83	08.38	S25 03.47	02.39	56.23
23	339 43.67	127 47.21	S17 52.41	176 47.41	N08 28.43	207 43.67	N18 17.71	251 21.53	N22 08.24	166 13.50	N02 48.51	048 07.21	08.43	S25 01.09	02.52	56.20
		v 0.84	d 0.88	v 0.98	d 0.61	v 1.98	d 0.12	v 2.34	d 0.00	v 0.22	d 0.96	SD	15.60	15.40		
		HP 0.29		HP 0.06						SD 15.90	HP 0.15					

Monday September 16, 2002 through Tuesday September 17, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
16 00	354 46.14	142 48.08	S17 53.27	191 48.39	N08 27.83	222 45.66	N18 17.59	266 23.87	N22 08.24	181 13.72	N02 47.55	062 34.64	08.49	S24 58.57	02.65	56.17
01	009 48.60	157 48.95	S17 54.13	206 49.36	N08 27.22	237 47.64	N18 17.47	281 26.21	N22 08.24	196 13.95	N02 46.58	077 02.13	08.55	S24 55.91	02.79	56.15
02	024 51.07	172 49.83	S17 55.00	221 50.34	N08 26.61	252 49.62	N18 17.35	296 28.55	N22 08.24	211 14.17	N02 45.62	091 29.68	08.60	S24 53.12	02.92	56.12
03	039 53.53	187 50.71	S17 55.86	236 51.32	N08 26.00	267 51.61	N18 17.23	311 30.89	N22 08.24	226 14.39	N02 44.66	105 57.28	08.66	S24 50.20	03.05	56.10
04	054 56.00	202 51.58	S17 56.72	251 52.30	N08 25.39	282 53.59	N18 17.11	326 33.23	N22 08.24	241 14.62	N02 43.69	120 24.94	08.72	S24 47.15	03.18	56.07
05	069 58.46	217 52.47	S17 57.58	266 53.28	N08 24.79	297 55.58	N18 16.99	341 35.58	N22 08.24	256 14.84	N02 42.73	134 52.66	08.78	S24 43.96	03.32	56.04
06	085 00.92	232 53.35	S17 58.44	281 54.26	N08 24.18	312 57.56	N18 16.87	356 37.92	N22 08.23	271 15.06	N02 41.77	149 20.44	08.84	S24 40.65	03.45	56.02
07	100 03.39	247 54.23	S17 59.29	296 55.24	N08 23.57	327 59.55	N18 16.75	011 40.26	N22 08.23	286 15.29	N02 40.80	163 48.28	08.90	S24 37.20	03.57	55.99
08	115 05.85	262 55.12	S18 00.15	311 56.22	N08 22.96	343 01.53	N18 16.63	026 42.60	N22 08.23	301 15.51	N02 39.84	178 16.19	08.96	S24 33.63	03.70	55.97
09	130 08.32	277 56.00	S18 01.01	326 57.20	N08 22.35	358 03.52	N18 16.51	041 44.94	N22 08.23	316 15.73	N02 38.87	192 44.15	09.03	S24 29.92	03.83	55.94
10	145 10.78	292 56.89	S18 01.86	341 58.18	N08 21.74	013 05.51	N18 16.39	056 47.29	N22 08.23	331 15.96	N02 37.91	207 12.17	09.09	S24 26.09	03.96	55.92
11	160 13.24	307 57.78	S18 02.72	356 59.16	N08 21.14	028 07.49	N18 16.27	071 49.63	N22 08.23	346 16.18	N02 36.95	221 40.26	09.15	S24 22.14	04.08	55.89
12	175 15.71	322 58.67	S18 03.57	012 00.14	N08 20.53	043 09.48	N18 16.15	086 51.97	N22 08.23	001 16.40	N02 35.98	236 08.42	09.22	S24 18.05	04.21	55.87
13	190 18.17	337 59.57	S18 04.43	027 01.12	N08 19.92	058 11.46	N18 16.03	101 54.32	N22 08.23	016 16.63	N02 35.02	250 36.64	09.28	S24 13.85	04.33	55.84
14	205 20.64	353 00.46	S18 05.28	042 02.10	N08 19.31	073 13.45	N18 15.91	116 56.66	N22 08.23	031 16.85	N02 34.05	265 04.92	09.35	S24 09.51	04.46	55.82
15	220 23.10	008 01.36	S18 06.13	057 03.08	N08 18.70	088 15.44	N18 15.79	131 59.00	N22 08.22	046 17.07	N02 33.09	279 33.27	09.42	S24 05.06	04.58	55.80
16	235 25.56	023 02.26	S18 06.98	072 04.06	N08 18.09	103 17.42	N18 15.67	147 01.35	N22 08.22	061 17.30	N02 32.12	294 01.69	09.48	S24 00.48	04.70	55.77
17	250 28.03	038 03.15	S18 07.83	087 05.04	N08 17.48	118 19.41	N18 15.55	162 03.69	N22 08.22	076 17.52	N02 31.16	308 30.17	09.55	S23 55.78	04.82	55.75
18	265 30.49	053 04.06	S18 08.68	102 06.02	N08 16.87	133 21.40	N18 15.43	177 06.04	N22 08.22	091 17.74	N02 30.19	322 58.73	09.62	S23 50.96	04.94	55.73
19	280 32.96	068 04.96	S18 09.53	117 07.00	N08 16.26	148 23.38	N18 15.31	192 08.38	N22 08.22	106 17.97	N02 29.23	337 27.35	09.69	S23 46.02	05.06	55.70
20	295 35.42	083 05.86	S18 10.37	132 07.98	N08 15.66	163 25.37	N18 15.19	207 10.72	N22 08.22	121 18.19	N02 28.27	351 56.04	09.76	S23 40.96	05.18	55.68
21	310 37.89	098 06.77	S18 11.22	147 08.96	N08 15.05	178 27.36	N18 15.07	222 13.07	N22 08.22	136 18.41	N02 27.30	006 24.80	09.83	S23 35.78	05.30	55.66
22	325 40.35	113 07.68	S18 12.07	162 09.94	N08 14.44	193 29.35	N18 14.96	237 15.41	N22 08.22	151 18.64	N02 26.34	020 53.62	09.90	S23 30.48	05.41	55.63
23	340 42.81	128 08.58	S18 12.91	177 10.92	N08 13.83	208 31.33	N18 14.84	252 17.76	N22 08.21	166 18.86	N02 25.37	035 22.52	09.97	S23 25.07	05.53	55.61
17 00	355 45.28	143 09.50	S18 13.76	192 11.90	N08 13.22	223 33.32	N18 14.72	267 20.10	N22 08.21	181 19.08	N02 24.41	049 51.50	10.04	S23 19.54	05.64	55.59
01	010 47.74	158 10.41	S18 14.60	207 12.88	N08 12.61	238 35.31	N18 14.60	282 22.45	N22 08.21	196 19.31	N02 23.44	064 20.54	10.11	S23 13.90	05.76	55.57
02	025 50.21	173 11.32	S18 15.44	222 13.86	N08 12.00	253 37.30	N18 14.48	297 24.79	N22 08.21	211 19.53	N02 22.47	078 49.65	10.19	S23 08.14	05.87	55.54
03	040 52.67	188 12.24	S18 16.28	237 14.84	N08 11.39	268 39.29	N18 14.36	312 27.14	N22 08.21	226 19.76	N02 21.51	093 18.84	10.26	S23 02.27	05.98	55.52
04	055 55.13	203 13.15	S18 17.12	252 15.82	N08 10.78	283 41.27	N18 14.24	327 29.49	N22 08.21	241 19.98	N02 20.54	107 48.10	10.33	S22 56.29	06.09	55.50
05	070 57.60	218 14.07	S18 17.96	267 16.80	N08 10.17	298 43.26	N18 14.12	342 31.83	N22 08.21	256 20.20	N02 19.58	122 17.43	10.40	S22 50.20	06.20	55.48
06	086 00.06	233 14.99	S18 18.80	282 17.78	N08 09.56	313 45.25	N18 14.00	357 34.18	N22 08.21	271 20.43	N02 18.61	136 46.83	10.48	S22 44.00	06.31	55.46
07	101 02.53	248 15.92	S18 19.64	297 18.76	N08 08.95	328 47.24	N18 13.88	012 36.53	N22 08.21	286 20.65	N02 17.65	151 16.31	10.55	S22 37.69	06.42	55.44
08	116 04.99	263 16.84	S18 20.48	312 19.74	N08 08.34	343 49.23	N18 13.76	027 38.87	N22 08.20	301 20.87	N02 16.68	165 45.86	10.62	S22 31.27	06.53	55.41
09	131 07.45	278 17.77	S18 21.32	327 20.73	N08 07.73	358 51.22	N18 13.64	042 41.22	N22 08.20	316 21.10	N02 15.71	180 15.48	10.70	S22 24.75	06.63	55.39
10	146 09.92	293 18.69	S18 22.15	342 21.71	N08 07.12	013 53.21	N18 13.52	057 43.57	N22 08.20	331 21.32	N02 14.75	194 45.18	10.77	S22 18.11	06.74	55.37
11	161 12.38	308 19.62	S18 22.99	357 22.69	N08 06.51	028 55.20	N18 13.40	072 45.91	N22 08.20	346 21.54	N02 13.78	209 14.96	10.85	S22 11.38	06.84	55.35
12	176 14.85	323 20.55	S18 23.82	012 23.67	N08 05.90	043 57.19	N18 13.29	087 48.26	N22 08.20	001 21.77	N02 12.82	223 44.80	10.92	S22 04.54	06.94	55.33
13	191 17.31	338 21.48	S18 24.66	027 24.65	N08 05.28	058 59.18	N18 13.17	102 50.61	N22 08.20	016 21.99	N02 11.85	238 14.73	11.00	S21 57.59	07.05	55.31
14	206 19.78	353 22.42	S18 25.49	042 25.63	N08 04.67	074 01.17	N18 13.05	117 52.96	N22 08.20	031 22.21	N02 10.88	252 44.72	11.07	S21 50.55	07.15	55.29
15	221 22.24	008 23.35	S18 26.32	057 26.61	N08 04.06	089 03.16	N18 12.93	132 55.30	N22 08.20	046 22.44	N02 09.92	267 14.79	11.15	S21 43.40	07.25	55.27
16	236 24.70	023 24.29	S18 27.15	072 27.59	N08 03.45	104 05.15	N18 12.81	147 57.65	N22 08.19	061 22.66	N02 08.95	281 44.94	11.22	S21 36.15	07.35	55.25
17	251 27.17	038 25.23	S18 27.98	087 28.58	N08 02.84	119 07.14	N18 12.69	163 00.00	N22 08.19	076 22.89	N02 07.99	296 15.16	11.30	S21 28.80	07.45	55.23
18	266 29.63	053 26.17	S18 28.81	102 29.56	N08 02.23	134 09.13	N18 12.57	178 02.35	N22 08.19	091 23.11	N02 07.02	310 45.46	11.37	S21 21.35	07.54	55.21
19	281 32.10	068 27.11	S18 29.64	117 30.54	N08 01.62	149 11.12	N18 12.45	193 04.70	N22 08.19	106 23.33	N02 06.05	325 15.83	11.45	S21 13.81	07.64	55.19
20	296 34.56	083 28.06	S18 30.46	132 31.52	N08 01.01	164 13.11	N18 12.33	208 07.05	N22 08.19	121 23.56	N02 05.09	339 46.27	11.52	S21 06.17	07.74	55.17
21	311 37.02	098 29.00	S18 31.29	147 32.50	N08 00.40	179 15.10	N18 12.21	223 09.40	N22 08.19	136 23.78	N02 04.12	354 16.79	11.60	S20 58.43	07.83	55.15
22	326 39.49	113 29.95	S18 32.12	162 33.49	N07 59.78	194 17.09	N18 12.09	238 11.75	N22 08.19	151 24.00	N02 03.15	008 47.39	11.67	S20 50.60	07.92	55.13
23	341 41.95	128 30.90	S18 32.94	177 34.47	N07 59.17	209 19.08	N18 11.98	253 14.10	N22 08.19	166 24.23	N02 02.18	023 18.06	11.74	S20 42.68	08.02	55.12
		v 0.91	d 0.84	v 0.98	d 0.61	v 1.99	d 0.12	v 2.35	d 0.00	v 0.22	d 0.97	SD	15.23	15.08		
		HP 0.30		HP 0.06						SD 15.91	HP 0.15					

Wednesday September 18, 2002 through Thursday September 19, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
18 00	356 44.42	143 31.85	S18 33.77	192 35.45	N07 58.56	224 21.07	N18 11.86	268 16.45	N22 08.18	181 24.45	N02 01.22	037 48.80	11.82	S20 34.66	08.11	55.10
01	011 46.88	158 32.80	S18 34.59	207 36.43	N07 57.95	239 23.06	N18 11.74	283 18.80	N22 08.18	196 24.67	N02 00.25	052 19.62	11.89	S20 26.55	08.20	55.08
02	026 49.34	173 33.75	S18 35.41	222 37.42	N07 57.34	254 25.06	N18 11.62	298 21.15	N22 08.18	211 24.90	N01 59.28	066 50.52	11.97	S20 18.35	08.29	55.06
03	041 51.81	188 34.71	S18 36.23	237 38.40	N07 56.73	269 27.05	N18 11.50	313 23.50	N22 08.18	226 25.12	N01 58.32	081 21.49	12.04	S20 10.06	08.38	55.04
04	056 54.27	203 35.67	S18 37.05	252 39.38	N07 56.11	284 29.04	N18 11.38	328 25.85	N22 08.18	241 25.35	N01 57.35	095 52.53	12.12	S20 01.69	08.47	55.02
05	071 56.74	218 36.63	S18 37.87	267 40.36	N07 55.50	299 31.03	N18 11.26	343 28.20	N22 08.18	256 25.57	N01 56.38	110 23.65	12.19	S19 53.22	08.55	55.01
06	086 59.20	233 37.59	S18 38.69	282 41.34	N07 54.89	314 33.02	N18 11.14	358 30.55	N22 08.18	271 25.79	N01 55.41	124 54.84	12.26	S19 44.67	08.64	54.99
07	102 01.67	248 38.55	S18 39.51	297 42.33	N07 54.28	329 35.02	N18 11.02	013 32.90	N22 08.18	286 26.02	N01 54.45	139 26.10	12.34	S19 36.03	08.72	54.97
08	117 04.13	263 39.51	S18 40.33	312 43.31	N07 53.67	344 37.01	N18 10.91	028 35.25	N22 08.17	301 26.24	N01 53.48	153 57.44	12.41	S19 27.31	08.81	54.95
09	132 06.59	278 40.48	S18 41.14	327 44.29	N07 53.05	359 39.00	N18 10.79	043 37.60	N22 08.17	316 26.46	N01 52.51	168 28.85	12.48	S19 18.50	08.89	54.94
10	147 09.06	293 41.45	S18 41.96	342 45.28	N07 52.44	014 40.99	N18 10.67	058 39.95	N22 08.17	331 26.69	N01 51.54	183 00.33	12.56	S19 09.61	08.97	54.92
11	162 11.52	308 42.42	S18 42.77	357 46.26	N07 51.83	029 42.99	N18 10.55	073 42.31	N22 08.17	346 26.91	N01 50.58	197 31.89	12.63	S19 00.64	09.05	54.90
12	177 13.99	323 43.39	S18 43.59	012 47.24	N07 51.22	044 44.98	N18 10.43	088 44.66	N22 08.17	001 27.13	N01 49.61	212 03.52	12.70	S18 51.59	09.13	54.89
13	192 16.45	338 44.36	S18 44.40	027 48.22	N07 50.60	059 46.97	N18 10.31	103 47.01	N22 08.17	016 27.36	N01 48.64	226 35.22	12.77	S18 42.46	09.21	54.87
14	207 18.91	353 45.34	S18 45.21	042 49.21	N07 49.99	074 48.97	N18 10.19	118 49.36	N22 08.17	031 27.58	N01 47.67	241 06.99	12.84	S18 33.25	09.29	54.85
15	222 21.38	008 46.31	S18 46.02	057 50.19	N07 49.38	089 50.96	N18 10.08	133 51.72	N22 08.16	046 27.80	N01 46.70	255 38.83	12.91	S18 23.96	09.37	54.84
16	237 23.84	023 47.29	S18 46.83	072 51.17	N07 48.77	104 52.95	N18 09.96	148 54.07	N22 08.16	061 28.03	N01 45.74	270 10.75	12.99	S18 14.59	09.44	54.82
17	252 26.31	038 48.27	S18 47.64	087 52.16	N07 48.15	119 54.95	N18 09.84	163 56.42	N22 08.16	076 28.25	N01 44.77	284 42.74	13.06	S18 05.15	09.52	54.81
18	267 28.77	053 49.25	S18 48.45	102 53.14	N07 47.54	134 56.94	N18 09.72	178 58.77	N22 08.16	091 28.48	N01 43.80	299 14.79	13.13	S17 55.63	09.59	54.79
19	282 31.23	068 50.24	S18 49.26	117 54.12	N07 46.93	149 58.93	N18 09.60	194 01.13	N22 08.16	106 28.70	N01 42.83	313 46.92	13.20	S17 46.04	09.66	54.77
20	297 33.70	083 51.22	S18 50.06	132 55.11	N07 46.31	165 00.93	N18 09.48	209 03.48	N22 08.16	121 28.92	N01 41.86	328 19.11	13.26	S17 36.38	09.74	54.76
21	312 36.16	098 52.21	S18 50.87	147 56.09	N07 45.70	180 02.92	N18 09.36	224 05.83	N22 08.16	136 29.15	N01 40.90	342 51.38	13.33	S17 26.64	09.81	54.74
22	327 38.63	113 53.20	S18 51.68	162 57.08	N07 45.09	195 04.92	N18 09.25	239 08.19	N22 08.16	151 29.37	N01 39.93	357 23.71	13.40	S17 16.83	09.88	54.73
23	342 41.09	128 54.19	S18 52.48	177 58.06	N07 44.47	210 06.91	N18 09.13	254 10.54	N22 08.15	166 29.59	N01 38.96	011 56.11	13.47	S17 06.95	09.95	54.71
19 00	357 43.55	143 55.18	S18 53.28	192 59.04	N07 43.86	225 08.91	N18 09.01	269 12.90	N22 08.15	181 29.82	N01 37.99	026 28.58	13.54	S16 57.00	10.02	54.70
01	012 46.02	158 56.17	S18 54.08	208 00.03	N07 43.25	240 10.90	N18 08.89	284 15.25	N22 08.15	196 30.04	N01 37.02	041 01.12	13.60	S16 46.99	10.08	54.68
02	027 48.48	173 57.17	S18 54.89	223 01.01	N07 42.63	255 12.90	N18 08.77	299 17.61	N22 08.15	211 30.26	N01 36.05	055 33.72	13.67	S16 36.90	10.15	54.67
03	042 50.95	188 58.17	S18 55.69	238 01.99	N07 42.02	270 14.89	N18 08.65	314 19.96	N22 08.15	226 30.49	N01 35.08	070 06.39	13.73	S16 26.75	10.22	54.66
04	057 53.41	203 59.17	S18 56.49	253 02.98	N07 41.41	285 16.89	N18 08.53	329 22.32	N22 08.15	241 30.71	N01 34.12	084 39.12	13.80	S16 16.53	10.28	54.64
05	072 55.87	219 00.17	S18 57.28	268 03.96	N07 40.79	300 18.88	N18 08.42	344 24.67	N22 08.15	256 30.93	N01 33.15	099 11.92	13.86	S16 06.25	10.35	54.63
06	087 58.34	234 01.17	S18 58.08	283 04.95	N07 40.18	315 20.88	N18 08.30	359 27.03	N22 08.14	271 31.16	N01 32.18	113 44.79	13.93	S15 55.91	10.41	54.61
07	103 00.80	249 02.18	S18 58.88	298 05.93	N07 39.57	330 22.88	N18 08.18	014 29.38	N22 08.14	286 31.38	N01 31.21	128 17.72	13.99	S15 45.50	10.47	54.60
08	118 03.27	264 03.18	S18 59.68	313 06.92	N07 38.95	345 24.87	N18 08.06	029 31.74	N22 08.14	301 31.60	N01 30.24	142 50.71	14.06	S15 35.03	10.53	54.59
09	133 05.73	279 04.19	S19 00.47	328 07.90	N07 38.34	000 26.87	N18 07.94	044 34.10	N22 08.14	316 31.83	N01 29.27	157 23.76	14.12	S15 24.50	10.59	54.57
10	148 08.19	294 05.20	S19 01.26	343 08.88	N07 37.72	015 28.86	N18 07.82	059 36.45	N22 08.14	331 32.05	N01 28.30	171 56.88	14.18	S15 13.91	10.65	54.56
11	163 10.66	309 06.22	S19 02.06	358 09.87	N07 37.11	030 30.86	N18 07.71	074 38.81	N22 08.14	346 32.27	N01 27.33	186 30.06	14.24	S15 03.26	10.71	54.55
12	178 13.12	324 07.23	S19 02.85	013 10.85	N07 36.49	045 32.86	N18 07.59	089 41.16	N22 08.14	001 32.50	N01 26.36	201 03.30	14.30	S14 52.55	10.77	54.53
13	193 15.59	339 08.25	S19 03.64	028 11.84	N07 35.88	060 34.85	N18 07.47	104 43.52	N22 08.13	016 32.72	N01 25.39	215 36.61	14.36	S14 41.78	10.82	54.52
14	208 18.05	354 09.26	S19 04.43	043 12.82	N07 35.27	075 36.85	N18 07.35	119 45.88	N22 08.13	031 32.94	N01 24.42	230 09.97	14.42	S14 30.96	10.88	54.51
15	223 20.52	009 10.28	S19 05.22	058 13.81	N07 34.65	090 38.85	N18 07.23	134 48.24	N22 08.13	046 33.17	N01 23.45	244 43.39	14.48	S14 20.08	10.93	54.49
16	238 22.98	024 11.30	S19 06.01	073 14.79	N07 34.04	105 40.85	N18 07.12	149 50.59	N22 08.13	061 33.39	N01 22.49	259 16.87	14.54	S14 09.15	10.99	54.48
17	253 25.44	039 12.33	S19 06.80	088 15.78	N07 33.42	120 42.84	N18 07.00	164 52.95	N22 08.13	076 33.61	N01 21.52	273 50.41	14.60	S13 58.16	11.04	54.47
18	268 27.91	054 13.35	S19 07.59	103 16.76	N07 32.81	135 44.84	N18 06.88	179 55.31	N22 08.13	091 33.84	N01 20.55	288 24.01	14.65	S13 47.12	11.09	54.46
19	283 30.37	069 14.38	S19 08.37	118 17.75	N07 32.19	150 46.84	N18 06.76	194 57.67	N22 08.13	106 34.06	N01 19.58	302 57.66	14.71	S13 36.03	11.14	54.45
20	298 32.84	084 15.41	S19 09.16	133 18.73	N07 31.58	165 48.84	N18 06.64	210 00.02	N22 08.12	121 34.28	N01 18.61	317 31.37	14.77	S13 24.89	11.19	54.43
21	313 35.30	099 16.44	S19 09.94	148 19.72	N07 30.96	180 50.83	N18 06.53	225 02.38	N22 08.12	136 34.51	N01 17.64	332 05.14	14.82	S13 13.69	11.24	54.42
22	328 37.76	114 17.47	S19 10.73	163 20.70	N07 30.35	195 52.83	N18 06.41	240 04.74	N22 08.12	151 34.73	N01 16.67	346 38.96	14.87	S13 02.45	11.29	54.41
23	343 40.23	129 18.51	S19 11.51	178 21.69	N07 29.73	210 54.83	N18 06.29	255 07.10	N22 08.12	166 34.95	N01 15.70	001 12.83	14.93	S12 51.16	11.34	54.40
		v 0.99	d 0.80	v 0.98	d 0.61	v 2.00	d 0.12	v 2.35	d 0.00	v 0.22	d 0.97	SD	14.96	14.86		
		HP 0.31		HP 0.06						SD 15.92	HP 0.15					

Friday September 20, 2002 through Saturday September 21, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
20 00	358 42.69	144 19.54	S19 12.29	193 22.67	N07 29.12	225 56.83	N18 06.17	270 09.46	N22 08.12	181 35.17	N01 14.73	015 46.76	14.98	S12 39.82	11.39	54.39
01	013 45.16	159 20.58	S19 13.07	208 23.66	N07 28.50	240 58.83	N18 06.05	285 11.82	N22 08.12	196 35.40	N01 13.76	030 20.74	15.03	S12 28.43	11.43	54.38
02	028 47.62	174 21.62	S19 13.85	223 24.64	N07 27.89	256 00.83	N18 05.94	300 14.18	N22 08.12	211 35.62	N01 12.79	044 54.77	15.08	S12 17.00	11.48	54.37
03	043 50.08	189 22.66	S19 14.63	238 25.63	N07 27.27	271 02.83	N18 05.82	315 16.54	N22 08.11	226 35.84	N01 11.82	059 28.86	15.14	S12 05.53	11.52	54.36
04	058 52.55	204 23.71	S19 15.41	253 26.62	N07 26.66	286 04.83	N18 05.70	330 18.90	N22 08.11	241 36.07	N01 10.85	074 02.99	15.19	S11 54.01	11.56	54.34
05	073 55.01	219 24.75	S19 16.18	268 27.60	N07 26.04	301 06.82	N18 05.58	345 21.26	N22 08.11	256 36.29	N01 09.88	088 37.18	15.24	S11 42.44	11.61	54.33
06	088 57.48	234 25.80	S19 16.96	283 28.59	N07 25.42	316 08.82	N18 05.46	000 23.62	N22 08.11	271 36.51	N01 08.91	103 11.41	15.28	S11 30.83	11.65	54.32
07	103 59.94	249 26.85	S19 17.74	298 29.57	N07 24.81	331 10.82	N18 05.35	015 25.98	N22 08.11	286 36.73	N01 07.94	117 45.70	15.33	S11 19.18	11.69	54.31
08	119 02.40	264 27.90	S19 18.51	313 30.56	N07 24.19	346 12.82	N18 05.23	030 28.34	N22 08.11	301 36.96	N01 06.97	132 20.03	15.38	S11 07.50	11.73	54.30
09	134 04.87	279 28.95	S19 19.28	328 31.54	N07 23.58	001 14.82	N18 05.11	045 30.70	N22 08.11	316 37.18	N01 06.00	146 54.41	15.43	S10 55.77	11.77	54.29
10	149 07.33	294 30.01	S19 20.06	343 32.53	N07 22.96	016 16.82	N18 04.99	060 33.06	N22 08.10	331 37.40	N01 05.03	161 28.83	15.47	S10 44.00	11.81	54.28
11	164 09.80	309 31.07	S19 20.83	358 33.52	N07 22.34	031 18.82	N18 04.88	075 35.42	N22 08.10	346 37.63	N01 04.05	176 03.30	15.52	S10 32.19	11.84	54.27
12	179 12.26	324 32.13	S19 21.60	013 34.50	N07 21.73	046 20.82	N18 04.76	090 37.78	N22 08.10	001 37.85	N01 03.08	190 37.82	15.56	S10 20.35	11.88	54.26
13	194 14.72	339 33.19	S19 22.37	028 35.49	N07 21.11	061 22.82	N18 04.64	105 40.14	N22 08.10	016 38.07	N01 02.11	205 12.38	15.60	S10 08.46	11.92	54.25
14	209 17.19	354 34.25	S19 23.14	043 36.48	N07 20.50	076 24.82	N18 04.52	120 42.50	N22 08.10	031 38.29	N01 01.14	219 46.98	15.65	S09 56.55	11.95	54.25
15	224 19.65	009 35.31	S19 23.90	058 37.46	N07 19.88	091 26.83	N18 04.41	135 44.87	N22 08.10	046 38.52	N01 00.17	234 21.63	15.69	S09 44.59	11.99	54.24
16	239 22.12	024 36.38	S19 24.67	073 38.45	N07 19.26	106 28.83	N18 04.29	150 47.23	N22 08.09	061 38.74	N00 59.20	248 56.32	15.73	S09 32.61	12.02	54.23
17	254 24.58	039 37.45	S19 25.44	088 39.43	N07 18.65	121 30.83	N18 04.17	165 49.59	N22 08.09	076 38.96	N00 58.23	263 31.05	15.77	S09 20.59	12.05	54.22
18	269 27.04	054 38.52	S19 26.20	103 40.42	N07 18.03	136 32.83	N18 04.05	180 51.95	N22 08.09	091 39.18	N00 57.26	278 05.82	15.81	S09 08.54	12.08	54.21
19	284 29.51	069 39.59	S19 26.97	118 41.41	N07 17.41	151 34.83	N18 03.94	195 54.32	N22 08.09	106 39.41	N00 56.29	292 40.62	15.85	S08 56.45	12.12	54.20
20	299 31.97	084 40.67	S19 27.73	133 42.39	N07 16.80	166 36.83	N18 03.82	210 56.68	N22 08.09	121 39.63	N00 55.32	307 15.47	15.89	S08 44.34	12.15	54.19
21	314 34.44	099 41.74	S19 28.49	148 43.38	N07 16.18	181 38.83	N18 03.70	225 59.04	N22 08.09	136 39.85	N00 54.35	321 50.36	15.92	S08 32.19	12.17	54.19
22	329 36.90	114 42.82	S19 29.25	163 44.37	N07 15.56	196 40.84	N18 03.58	241 01.40	N22 08.09	151 40.07	N00 53.38	336 25.28	15.96	S08 20.02	12.20	54.18
23	344 39.36	129 43.90	S19 30.01	178 45.35	N07 14.95	211 42.84	N18 03.47	256 03.77	N22 08.08	166 40.30	N00 52.41	351 00.24	15.99	S08 07.81	12.23	54.17
21 00	359 41.83	144 44.98	S19 30.77	193 46.34	N07 14.33	226 44.84	N18 03.35	271 06.13	N22 08.08	181 40.52	N00 51.43	005 35.23	16.03	S07 55.58	12.26	54.16
01	014 44.29	159 46.07	S19 31.53	208 47.33	N07 13.71	241 46.84	N18 03.23	286 08.50	N22 08.08	196 40.74	N00 50.46	020 10.26	16.06	S07 43.32	12.28	54.15
02	029 46.76	174 47.16	S19 32.29	223 48.31	N07 13.10	256 48.84	N18 03.11	301 10.86	N22 08.08	211 40.96	N00 49.49	034 45.33	16.10	S07 31.04	12.31	54.15
03	044 49.22	189 48.24	S19 33.04	238 49.30	N07 12.48	271 50.85	N18 03.00	316 13.22	N22 08.08	226 41.19	N00 48.52	049 20.42	16.13	S07 18.73	12.33	54.14
04	059 51.68	204 49.33	S19 33.80	253 50.29	N07 11.86	286 52.85	N18 02.88	331 15.59	N22 08.08	241 41.41	N00 47.55	063 55.55	16.16	S07 06.39	12.36	54.13
05	074 54.15	219 50.43	S19 34.55	268 51.28	N07 11.24	301 54.85	N18 02.76	346 17.95	N22 08.07	256 41.63	N00 46.58	078 30.71	16.19	S06 54.03	12.38	54.12
06	089 56.61	234 51.52	S19 35.31	283 52.26	N07 10.63	316 56.86	N18 02.64	001 20.32	N22 08.07	271 41.85	N00 45.61	093 05.91	16.22	S06 41.65	12.40	54.12
07	104 59.08	249 52.62	S19 36.06	298 53.25	N07 10.01	331 58.86	N18 02.53	016 22.68	N22 08.07	286 42.08	N00 44.64	107 41.13	16.25	S06 29.25	12.43	54.11
08	120 01.54	264 53.71	S19 36.81	313 54.24	N07 09.39	347 00.86	N18 02.41	031 25.05	N22 08.07	301 42.30	N00 43.66	122 16.38	16.28	S06 16.82	12.45	54.10
09	135 04.00	279 54.81	S19 37.56	328 55.22	N07 08.77	002 02.87	N18 02.29	046 27.41	N22 08.07	316 42.52	N00 42.69	136 51.66	16.31	S06 04.38	12.47	54.10
10	150 06.47	294 55.92	S19 38.31	343 56.21	N07 08.16	017 04.87	N18 02.18	061 29.78	N22 08.07	331 42.74	N00 41.72	151 26.96	16.33	S05 51.91	12.49	54.09
11	165 08.93	309 57.02	S19 39.06	358 57.20	N07 07.54	032 06.87	N18 02.06	076 32.14	N22 08.06	346 42.96	N00 40.75	166 02.30	16.36	S05 39.42	12.50	54.08
12	180 11.40	324 58.13	S19 39.81	013 58.19	N07 06.92	047 08.88	N18 01.94	091 34.51	N22 08.06	001 43.19	N00 39.78	180 37.65	16.38	S05 26.92	12.52	54.08
13	195 13.86	339 59.23	S19 40.56	028 59.17	N07 06.30	062 10.88	N18 01.82	106 36.88	N22 08.06	016 43.41	N00 38.81	195 13.04	16.41	S05 14.39	12.54	54.07
14	210 16.32	355 00.35	S19 41.30	044 00.16	N07 05.68	077 12.89	N18 01.71	121 39.24	N22 08.06	031 43.63	N00 37.84	209 48.45	16.43	S05 01.86	12.56	54.07
15	225 18.79	010 01.46	S19 42.05	059 01.15	N07 05.07	092 14.89	N18 01.59	136 41.61	N22 08.06	046 43.85	N00 36.86	224 23.88	16.45	S04 49.30	12.57	54.06
16	240 21.25	025 02.57	S19 42.79	074 02.14	N07 04.45	107 16.90	N18 01.47	151 43.98	N22 08.06	061 44.07	N00 35.89	238 59.33	16.48	S04 36.73	12.59	54.06
17	255 23.72	040 03.69	S19 43.53	089 03.13	N07 03.83	122 18.90	N18 01.36	166 46.34	N22 08.06	076 44.30	N00 34.92	253 34.81	16.50	S04 24.14	12.60	54.05
18	270 26.18	055 04.81	S19 44.28	104 04.11	N07 03.21	137 20.91	N18 01.24	181 48.71	N22 08.05	091 44.52	N00 33.95	268 10.30	16.52	S04 11.54	12.61	54.05
19	285 28.64	070 05.93	S19 45.02	119 05.10	N07 02.59	152 22.91	N18 01.12	196 51.08	N22 08.05	106 44.74	N00 32.98	282 45.82	16.54	S03 58.93	12.63	54.04
20	300 31.11	085 07.05	S19 45.76	134 06.09	N07 01.98	167 24.92	N18 01.00	211 53.44	N22 08.05	121 44.96	N00 32.00	297 21.36	16.55	S03 46.30	12.64	54.04
21	315 33.57	100 08.17	S19 46.50	149 07.08	N07 01.36	182 26.92	N18 00.89	226 55.81	N22 08.05	136 45.18	N00 31.03	311 56.91	16.57	S03 33.66	12.65	54.03
22	330 36.04	115 09.30	S19 47.24	164 08.07	N07 00.74	197 28.93	N18 00.77	241 58.18	N22 08.05	151 45.40	N00 30.06	326 32.48	16.59	S03 21.01	12.66	54.03
23	345 38.50	130 10.43	S19 47.97	179 09.05	N07 00.12	212 30.93	N18 00.65	257 00.55	N22 08.05	166 45.63	N00 29.09	341 08.07	16.60	S03 08.36	12.67	54.02
		v 1.08	d 0.76	v 0.99	d 0.62	v 2.00	d 0.12	v 2.36	d 0.00	v 0.22	d 0.97	SD	14.79	14.74		
		HP 0.32		HP 0.06						SD 15.93	HP 0.15					

Sunday September 22, 2002 through Monday September 23, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
22 00	000 40.97	145 11.56	S19 48.71	194 10.04	N06 59.50	227 32.94	N18 00.54	272 02.92	N22 08.04	181 45.85	N00 28.12	355 43.67	16.62	S02 55.69	12.68	54.02
01	015 43.43	160 12.69	S19 49.44	209 11.03	N06 58.88	242 34.94	N18 00.42	287 05.28	N22 08.04	196 46.07	N00 27.14	010 19.29	16.63	S02 43.01	12.69	54.01
02	030 45.89	175 13.83	S19 50.18	224 12.02	N06 58.26	257 36.95	N18 00.30	302 07.65	N22 08.04	211 46.29	N00 26.17	024 54.92	16.65	S02 30.32	12.69	54.01
03	045 48.36	190 14.96	S19 50.91	239 13.01	N06 57.65	272 38.96	N18 00.19	317 10.02	N22 08.04	226 46.51	N00 25.20	039 30.57	16.66	S02 17.63	12.70	54.01
04	060 50.82	205 16.10	S19 51.65	254 14.00	N06 57.03	287 40.96	N18 00.07	332 12.39	N22 08.04	241 46.73	N00 24.23	054 06.23	16.67	S02 04.93	12.71	54.00
05	075 53.29	220 17.24	S19 52.38	269 14.98	N06 56.41	302 42.97	N17 59.95	347 14.76	N22 08.04	256 46.95	N00 23.26	068 41.90	16.68	S01 52.22	12.71	54.00
06	090 55.75	235 18.38	S19 53.11	284 15.97	N06 55.79	317 44.98	N17 59.84	002 17.13	N22 08.03	271 47.18	N00 22.28	083 17.58	16.69	S01 39.51	12.72	53.99
07	105 58.21	250 19.53	S19 53.84	299 16.96	N06 55.17	332 46.98	N17 59.72	017 19.50	N22 08.03	286 47.40	N00 21.31	097 53.27	16.70	S01 26.79	12.72	53.99
08	121 00.68	265 20.68	S19 54.57	314 17.95	N06 54.55	347 48.99	N17 59.60	032 21.87	N22 08.03	301 47.62	N00 20.34	112 28.97	16.71	S01 14.07	12.72	53.99
09	136 03.14	280 21.83	S19 55.29	329 18.94	N06 53.93	002 51.00	N17 59.49	047 24.24	N22 08.03	316 47.84	N00 19.37	127 04.68	16.72	S01 01.35	12.73	53.99
10	151 05.61	295 22.98	S19 56.02	344 19.93	N06 53.31	017 53.01	N17 59.37	062 26.61	N22 08.03	331 48.06	N00 18.39	141 40.39	16.72	S00 48.63	12.73	53.98
11	166 08.07	310 24.13	S19 56.74	359 20.92	N06 52.69	032 55.01	N17 59.25	077 28.98	N22 08.03	346 48.28	N00 17.42	156 16.11	16.73	S00 35.90	12.73	53.98
12	181 10.53	325 25.29	S19 57.47	014 21.91	N06 52.07	047 57.02	N17 59.14	092 31.35	N22 08.02	001 48.50	N00 16.45	170 51.84	16.73	S00 23.17	12.73	53.98
13	196 13.00	340 26.44	S19 58.19	029 22.89	N06 51.45	062 59.03	N17 59.02	107 33.72	N22 08.02	016 48.72	N00 15.48	185 27.57	16.74	S00 10.44	12.73	53.97
14	211 15.46	355 27.60	S19 58.92	044 23.88	N06 50.83	078 01.04	N17 58.90	122 36.09	N22 08.02	031 48.94	N00 14.51	200 03.31	16.74	N00 02.29	12.73	53.97
15	226 17.93	010 28.77	S19 59.64	059 24.87	N06 50.21	093 03.05	N17 58.79	137 38.46	N22 08.02	046 49.16	N00 13.53	214 39.05	16.74	N00 15.01	12.72	53.97
16	241 20.39	025 29.93	S20 00.36	074 25.86	N06 49.59	108 05.05	N17 58.67	152 40.83	N22 08.02	061 49.39	N00 12.56	229 14.79	16.74	N00 27.74	12.72	53.97
17	256 22.85	040 31.10	S20 01.08	089 26.85	N06 48.97	123 07.06	N17 58.55	167 43.21	N22 08.02	076 49.61	N00 11.59	243 50.53	16.74	N00 40.46	12.72	53.97
18	271 25.32	055 32.26	S20 01.80	104 27.84	N06 48.35	138 09.07	N17 58.44	182 45.58	N22 08.01	091 49.83	N00 10.62	258 26.27	16.74	N00 53.18	12.71	53.97
19	286 27.78	070 33.43	S20 02.51	119 28.83	N06 47.73	153 11.08	N17 58.32	197 47.95	N22 08.01	106 50.05	N00 09.64	273 02.02	16.74	N01 05.89	12.71	53.96
20	301 30.25	085 34.61	S20 03.23	134 29.82	N06 47.11	168 13.09	N17 58.21	212 50.32	N22 08.01	121 50.27	N00 08.67	287 37.76	16.74	N01 18.60	12.70	53.96
21	316 32.71	100 35.78	S20 03.95	149 30.81	N06 46.49	183 15.10	N17 58.09	227 52.69	N22 08.01	136 50.49	N00 07.70	302 13.50	16.74	N01 31.31	12.70	53.96
22	331 35.17	115 36.96	S20 04.66	164 31.80	N06 45.87	198 17.11	N17 57.97	242 55.07	N22 08.01	151 50.71	N00 06.72	316 49.23	16.73	N01 44.01	12.69	53.96
23	346 37.64	130 38.14	S20 05.37	179 32.79	N06 45.25	213 19.12	N17 57.86	257 57.44	N22 08.01	166 50.93	N00 05.75	331 24.97	16.73	N01 56.70	12.68	53.96
23 00	001 40.10	145 39.32	S20 06.09	194 33.78	N06 44.63	228 21.13	N17 57.74	272 59.81	N22 08.00	181 51.15	N00 04.78	346 00.69	16.72	N02 09.38	12.68	53.96
01	016 42.57	160 40.50	S20 06.80	209 34.77	N06 44.01	243 23.14	N17 57.62	288 02.19	N22 08.00	196 51.37	N00 03.81	000 36.42	16.72	N02 22.06	12.67	53.96
02	031 45.03	175 41.69	S20 07.51	224 35.76	N06 43.39	258 25.15	N17 57.51	303 04.56	N22 08.00	211 51.59	N00 02.83	015 12.13	16.71	N02 34.72	12.66	53.96
03	046 47.49	190 42.87	S20 08.22	239 36.75	N06 42.77	273 27.16	N17 57.39	318 06.93	N22 08.00	226 51.81	N00 01.86	029 47.84	16.70	N02 47.38	12.65	53.96
04	061 49.96	205 44.06	S20 08.93	254 37.74	N06 42.15	288 29.17	N17 57.28	333 09.31	N22 08.00	241 52.03	N00 00.89	044 23.54	16.69	N03 00.03	12.64	53.96
05	076 52.42	220 45.25	S20 09.63	269 38.73	N06 41.53	303 31.18	N17 57.16	348 11.68	N22 08.00	256 52.25	S00 00.08	058 59.23	16.68	N03 12.66	12.62	53.96
06	091 54.89	235 46.45	S20 10.34	284 39.72	N06 40.91	318 33.19	N17 57.04	003 14.05	N22 07.99	271 52.47	S00 01.06	073 34.92	16.67	N03 25.29	12.61	53.96
07	106 57.35	250 47.64	S20 11.05	299 40.71	N06 40.29	333 35.20	N17 56.93	018 16.43	N22 07.99	286 52.69	S00 02.03	088 10.59	16.66	N03 37.90	12.60	53.96
08	121 59.81	265 48.84	S20 11.75	314 41.70	N06 39.67	348 37.21	N17 56.81	033 18.80	N22 07.99	301 52.91	S00 03.00	102 46.25	16.65	N03 50.50	12.58	53.96
09	137 02.28	280 50.04	S20 12.45	329 42.69	N06 39.05	003 39.22	N17 56.70	048 21.18	N22 07.99	316 53.13	S00 03.98	117 21.90	16.63	N04 03.08	12.57	53.96
10	152 04.74	295 51.25	S20 13.16	344 43.68	N06 38.43	018 41.23	N17 56.58	063 23.55	N22 07.99	331 53.35	S00 04.95	131 57.53	16.62	N04 15.65	12.55	53.96
11	167 07.21	310 52.45	S20 13.86	359 44.67	N06 37.81	033 43.25	N17 56.46	078 25.93	N22 07.98	346 53.57	S00 05.92	146 33.15	16.61	N04 28.20	12.54	53.96
12	182 09.67	325 53.66	S20 14.56	014 45.66	N06 37.18	048 45.26	N17 56.35	093 28.30	N22 07.98	001 53.79	S00 06.89	161 08.76	16.59	N04 40.74	12.52	53.97
13	197 12.13	340 54.87	S20 15.26	029 46.65	N06 36.56	063 47.27	N17 56.23	108 30.68	N22 07.98	016 54.01	S00 07.87	175 44.35	16.57	N04 53.26	12.50	53.97
14	212 14.60	355 56.08	S20 15.96	044 47.64	N06 35.94	078 49.28	N17 56.12	123 33.05	N22 07.98	031 54.23	S00 08.84	190 19.92	16.56	N05 05.77	12.49	53.97
15	227 17.06	010 57.29	S20 16.65	059 48.63	N06 35.32	093 51.29	N17 56.00	138 35.43	N22 07.98	046 54.45	S00 09.81	204 55.47	16.54	N05 18.25	12.47	53.97
16	242 19.53	025 58.51	S20 17.35	074 49.62	N06 34.70	108 53.31	N17 55.88	153 37.81	N22 07.98	061 54.67	S00 10.79	219 31.01	16.52	N05 30.72	12.45	53.97
17	257 21.99	040 59.73	S20 18.04	089 50.61	N06 34.08	123 55.32	N17 55.77	168 40.18	N22 07.97	076 54.89	S00 11.76	234 06.53	16.50	N05 43.17	12.43	53.98
18	272 24.45	056 00.95	S20 18.74	104 51.60	N06 33.46	138 57.33	N17 55.65	183 42.56	N22 07.97	091 55.11	S00 12.73	248 42.03	16.48	N05 55.60	12.41	53.98
19	287 26.92	071 02.17	S20 19.43	119 52.59	N06 32.84	153 59.34	N17 55.54	198 44.94	N22 07.97	106 55.33	S00 13.71	263 17.51	16.46	N06 08.00	12.38	53.98
20	302 29.38	086 03.39	S20 20.12	134 53.58	N06 32.21	169 01.36	N17 55.42	213 47.31	N22 07.97	121 55.55	S00 14.68	277 52.96	16.43	N06 20.39	12.36	53.98
21	317 31.85	101 04.62	S20 20.82	149 54.57	N06 31.59	184 03.37	N17 55.31	228 49.69	N22 07.97	136 55.77	S00 15.65	292 28.40	16.41	N06 32.75	12.34	53.99
22	332 34.31	116 05.85	S20 21.51	164 55.56	N06 30.97	199 05.38	N17 55.19	243 52.07	N22 07.97	151 55.98	S00 16.63	307 03.81	16.39	N06 45.09	12.31	53.99
23	347 36.77	131 07.08	S20 22.19	179 56.55	N06 30.35	214 07.40	N17 55.07	258 54.44	N22 07.96	166 56.20	S00 17.60	321 39.19	16.36	N06 57.40	12.29	53.99
		v 1.18	d 0.71	v 0.99	d 0.62	v 2.01	d 0.12	v 2.37	d 0.00	v 0.22	d 0.97	SD	14.71	14.70		
		HP 0.33		HP 0.06						SD 15.94	HP 0.15					

Tuesday September 24, 2002 through Wednesday September 25, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
24 00	002 39.24	146 08.32	S20 22.88	194 57.54	N06 29.73	229 09.41	N17 54.96	273 56.82	N22 07.96	181 56.42	S00 18.57	336 14.55	16.33	N07 09.69	12.26	54.00
01	017 41.70	161 09.55	S20 23.57	209 58.53	N06 29.10	244 11.42	N17 54.84	288 59.20	N22 07.96	196 56.64	S00 19.55	350 49.89	16.31	N07 21.95	12.24	54.00
02	032 44.17	176 10.79	S20 24.26	224 59.52	N06 28.48	259 13.44	N17 54.73	304 01.58	N22 07.96	211 56.86	S00 20.52	005 25.19	16.28	N07 34.19	12.21	54.00
03	047 46.63	191 12.03	S20 24.94	240 00.52	N06 27.86	274 15.45	N17 54.61	319 03.96	N22 07.96	226 57.08	S00 21.49	020 00.47	16.25	N07 46.41	12.18	54.01
04	062 49.09	206 13.27	S20 25.62	255 01.51	N06 27.24	289 17.47	N17 54.50	334 06.33	N22 07.95	241 57.30	S00 22.46	034 35.73	16.22	N07 58.59	12.16	54.01
05	077 51.56	221 14.52	S20 26.31	270 02.50	N06 26.62	304 19.48	N17 54.38	349 08.71	N22 07.95	256 57.52	S00 23.44	049 10.95	16.19	N08 10.75	12.13	54.02
06	092 54.02	236 15.77	S20 26.99	285 03.49	N06 25.99	319 21.49	N17 54.26	004 11.09	N22 07.95	271 57.74	S00 24.41	063 46.14	16.16	N08 22.87	12.10	54.02
07	107 56.49	251 17.02	S20 27.67	300 04.48	N06 25.37	334 23.51	N17 54.15	019 13.47	N22 07.95	286 57.95	S00 25.38	078 21.30	16.13	N08 34.97	12.07	54.03
08	122 58.95	266 18.27	S20 28.35	315 05.47	N06 24.75	349 25.52	N17 54.03	034 15.85	N22 07.95	301 58.17	S00 26.36	092 56.43	16.10	N08 47.04	12.04	54.03
09	138 01.41	281 19.52	S20 29.03	330 06.46	N06 24.13	004 27.54	N17 53.92	049 18.23	N22 07.95	316 58.39	S00 27.33	107 31.53	16.06	N08 59.07	12.00	54.04
10	153 03.88	296 20.78	S20 29.71	345 07.45	N06 23.50	019 29.55	N17 53.80	064 20.61	N22 07.94	331 58.61	S00 28.30	122 06.60	16.03	N09 11.08	11.97	54.04
11	168 06.34	311 22.04	S20 30.38	000 08.45	N06 22.88	034 31.57	N17 53.69	079 22.99	N22 07.94	346 58.83	S00 29.28	136 41.63	16.00	N09 23.05	11.94	54.05
12	183 08.81	326 23.30	S20 31.06	015 09.44	N06 22.26	049 33.58	N17 53.57	094 25.37	N22 07.94	001 59.05	S00 30.25	151 16.62	15.96	N09 34.99	11.90	54.05
13	198 11.27	341 24.56	S20 31.73	030 10.43	N06 21.64	064 35.60	N17 53.46	109 27.75	N22 07.94	016 59.26	S00 31.22	165 51.58	15.92	N09 46.89	11.87	54.06
14	213 13.74	356 25.83	S20 32.41	045 11.42	N06 21.01	079 37.62	N17 53.34	124 30.13	N22 07.94	031 59.48	S00 32.20	180 26.50	15.89	N09 58.76	11.83	54.07
15	228 16.20	011 27.10	S20 33.08	060 12.41	N06 20.39	094 39.63	N17 53.23	139 32.51	N22 07.93	046 59.70	S00 33.17	195 01.39	15.85	N10 10.59	11.80	54.07
16	243 18.66	026 28.37	S20 33.75	075 13.40	N06 19.77	109 41.65	N17 53.11	154 34.89	N22 07.93	061 59.92	S00 34.15	209 36.24	15.81	N10 22.39	11.76	54.08
17	258 21.13	041 29.64	S20 34.42	090 14.39	N06 19.14	124 43.66	N17 53.00	169 37.27	N22 07.93	077 00.14	S00 35.12	224 11.04	15.77	N10 34.15	11.72	54.09
18	273 23.59	056 30.91	S20 35.09	105 15.39	N06 18.52	139 45.68	N17 52.88	184 39.65	N22 07.93	092 00.35	S00 36.09	238 45.81	15.73	N10 45.87	11.68	54.09
19	288 26.06	071 32.19	S20 35.76	120 16.38	N06 17.90	154 47.70	N17 52.77	199 42.03	N22 07.93	107 00.57	S00 37.07	253 20.54	15.69	N10 57.56	11.64	54.10
20	303 28.52	086 33.47	S20 36.42	135 17.37	N06 17.28	169 49.71	N17 52.65	214 44.42	N22 07.93	122 00.79	S00 38.04	267 55.22	15.64	N11 09.20	11.60	54.11
21	318 30.98	101 34.75	S20 37.09	150 18.36	N06 16.65	184 51.73	N17 52.54	229 46.80	N22 07.92	137 01.01	S00 39.01	282 29.87	15.60	N11 20.81	11.56	54.12
22	333 33.45	116 36.04	S20 37.75	165 19.35	N06 16.03	199 53.75	N17 52.42	244 49.18	N22 07.92	152 01.22	S00 39.99	297 04.47	15.56	N11 32.37	11.52	54.12
23	348 35.91	131 37.32	S20 38.42	180 20.35	N06 15.41	214 55.77	N17 52.31	259 51.56	N22 07.92	167 01.44	S00 40.96	311 39.02	15.51	N11 43.89	11.48	54.13
25 00	003 38.38	146 38.61	S20 39.08	195 21.34	N06 14.78	229 57.78	N17 52.19	274 53.94	N22 07.92	182 01.66	S00 41.93	326 13.54	15.47	N11 55.37	11.44	54.14
01	018 40.84	161 39.91	S20 39.74	210 22.33	N06 14.16	244 59.80	N17 52.08	289 56.33	N22 07.92	197 01.88	S00 42.91	340 48.00	15.42	N12 06.81	11.39	54.15
02	033 43.30	176 41.20	S20 40.40	225 23.32	N06 13.54	260 01.82	N17 51.96	304 58.71	N22 07.91	212 02.09	S00 43.88	355 22.42	15.37	N12 18.20	11.35	54.16
03	048 45.77	191 42.49	S20 41.06	240 24.31	N06 12.91	275 03.84	N17 51.85	320 01.09	N22 07.91	227 02.31	S00 44.85	009 56.80	15.33	N12 29.55	11.30	54.17
04	063 48.23	206 43.79	S20 41.72	255 25.31	N06 12.29	290 05.85	N17 51.73	335 03.48	N22 07.91	242 02.53	S00 45.83	024 31.12	15.28	N12 40.85	11.26	54.18
05	078 50.70	221 45.09	S20 42.38	270 26.30	N06 11.66	305 07.87	N17 51.62	350 05.86	N22 07.91	257 02.75	S00 46.80	039 05.40	15.23	N12 52.11	11.21	54.18
06	093 53.16	236 46.40	S20 43.03	285 27.29	N06 11.04	320 09.89	N17 51.50	005 08.24	N22 07.91	272 02.96	S00 47.77	053 39.63	15.18	N13 03.31	11.16	54.19
07	108 55.62	251 47.70	S20 43.69	300 28.28	N06 10.42	335 11.91	N17 51.39	020 10.63	N22 07.91	287 03.18	S00 48.75	068 13.81	15.13	N13 14.47	11.11	54.20
08	123 58.09	266 49.01	S20 44.34	315 29.28	N06 09.79	350 13.93	N17 51.27	035 13.01	N22 07.90	302 03.40	S00 49.72	082 47.93	15.08	N13 25.59	11.06	54.21
09	139 00.55	281 50.32	S20 44.99	330 30.27	N06 09.17	005 15.95	N17 51.16	050 15.39	N22 07.90	317 03.61	S00 50.69	097 22.01	15.02	N13 36.65	11.01	54.22
10	154 03.02	296 51.63	S20 45.65	345 31.26	N06 08.54	020 17.97	N17 51.04	065 17.78	N22 07.90	332 03.83	S00 51.67	111 56.03	14.97	N13 47.66	10.96	54.23
11	169 05.48	311 52.95	S20 46.30	000 32.25	N06 07.92	035 19.99	N17 50.93	080 20.16	N22 07.90	347 04.05	S00 52.64	126 30.00	14.92	N13 58.62	10.91	54.24
12	184 07.94	326 54.27	S20 46.95	015 33.25	N06 07.30	050 22.01	N17 50.81	095 22.55	N22 07.90	002 04.26	S00 53.61	141 03.92	14.86	N14 09.53	10.86	54.26
13	199 10.41	341 55.59	S20 47.59	030 34.24	N06 06.67	065 24.03	N17 50.70	110 24.93	N22 07.89	017 04.48	S00 54.59	155 37.78	14.81	N14 20.39	10.80	54.27
14	214 12.87	356 56.91	S20 48.24	045 35.23	N06 06.05	080 26.05	N17 50.58	125 27.32	N22 07.89	032 04.70	S00 55.56	170 11.59	14.75	N14 31.19	10.75	54.28
15	229 15.34	011 58.23	S20 48.89	060 36.22	N06 05.42	095 28.07	N17 50.47	140 29.70	N22 07.89	047 04.91	S00 56.54	184 45.34	14.70	N14 41.94	10.69	54.29
16	244 17.80	026 59.56	S20 49.53	075 37.22	N06 04.80	110 30.09	N17 50.35	155 32.09	N22 07.89	062 05.13	S00 57.51	199 19.04	14.64	N14 52.64	10.64	54.30
17	259 20.26	042 00.89	S20 50.18	090 38.21	N06 04.18	125 32.11	N17 50.24	170 34.47	N22 07.89	077 05.34	S00 58.48	213 52.68	14.58	N15 03.27	10.58	54.31
18	274 22.73	057 02.22	S20 50.82	105 39.20	N06 03.55	140 34.13	N17 50.13	185 36.86	N22 07.88	092 05.56	S00 59.46	228 26.26	14.52	N15 13.86	10.52	54.32
19	289 25.19	072 03.56	S20 51.46	120 40.20	N06 02.93	155 36.15	N17 50.01	200 39.25	N22 07.88	107 05.78	S01 00.43	242 59.78	14.46	N15 24.38	10.47	54.34
20	304 27.66	087 04.89	S20 52.10	135 41.19	N06 02.30	170 38.17	N17 49.90	215 41.63	N22 07.88	122 05.99	S01 01.40	257 33.24	14.40	N15 34.85	10.41	54.35
21	319 30.12	102 06.23	S20 52.74	150 42.18	N06 01.68	185 40.19	N17 49.78	230 44.02	N22 07.88	137 06.21	S01 02.38	272 06.64	14.34	N15 45.25	10.35	54.36
22	334 32.59	117 07.58	S20 53.38	165 43.17	N06 01.05	200 42.21	N17 49.67	245 46.41	N22 07.88	152 06.42	S01 03.35	286 39.99	14.28	N15 55.60	10.29	54.38
23	349 35.05	132 08.92	S20 54.02	180 44.17	N06 00.43	215 44.23	N17 49.55	260 48.79	N22 07.87	167 06.64	S01 04.32	301 13.27	14.22	N16 05.88	10.22	54.39
		v 1.29	d 0.66	v 0.99	d 0.62	v 2.02	d 0.11	v 2.38	d 0.00	v 0.22	d 0.97	SD	14.73	14.78		
		HP 0.34		HP 0.06						SD 15.95	HP 0.15					

Thursday September 26, 2002 through Friday September 27, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
26 00	004 37.51	147 10.27	S20 54.66	195 45.16	N05 59.80	230 46.25	N17 49.44	275 51.18	N22 07.87	182 06.85	S01 05.30	315 46.48	14.16	N16 16.11	10.16	54.40
01	019 39.98	162 11.62	S20 55.29	210 46.15	N05 59.18	245 48.27	N17 49.32	290 53.57	N22 07.87	197 07.07	S01 06.27	330 19.64	14.09	N16 26.27	10.10	54.42
02	034 42.44	177 12.97	S20 55.93	225 47.15	N05 58.55	260 50.30	N17 49.21	305 55.96	N22 07.87	212 07.29	S01 07.24	344 52.73	14.03	N16 36.36	10.03	54.43
03	049 44.91	192 14.32	S20 56.56	240 48.14	N05 57.93	275 52.32	N17 49.10	320 58.34	N22 07.87	227 07.50	S01 08.22	359 25.76	13.97	N16 46.40	09.97	54.44
04	064 47.37	207 15.68	S20 57.19	255 49.13	N05 57.30	290 54.34	N17 48.98	336 00.73	N22 07.87	242 07.72	S01 09.19	013 58.73	13.90	N16 56.36	09.90	54.46
05	079 49.83	222 17.04	S20 57.82	270 50.13	N05 56.68	305 56.36	N17 48.87	351 03.12	N22 07.86	257 07.93	S01 10.16	028 31.63	13.83	N17 06.27	09.83	54.47
06	094 52.30	237 18.40	S20 58.45	285 51.12	N05 56.05	320 58.38	N17 48.75	006 05.51	N22 07.86	272 08.15	S01 11.14	043 04.47	13.77	N17 16.10	09.77	54.49
07	109 54.76	252 19.76	S20 59.08	300 52.11	N05 55.43	336 00.41	N17 48.64	021 07.90	N22 07.86	287 08.36	S01 12.11	057 37.23	13.70	N17 25.87	09.70	54.50
08	124 57.23	267 21.13	S20 59.71	315 53.11	N05 54.80	351 02.43	N17 48.53	036 10.28	N22 07.86	302 08.58	S01 13.09	072 09.94	13.64	N17 35.56	09.63	54.52
09	139 59.69	282 22.50	S21 00.33	330 54.10	N05 54.18	006 04.45	N17 48.41	051 12.67	N22 07.86	317 08.79	S01 14.06	086 42.57	13.57	N17 45.19	09.56	54.53
10	155 02.15	297 23.87	S21 00.96	345 55.09	N05 53.55	021 06.48	N17 48.30	066 15.06	N22 07.85	332 09.01	S01 15.03	101 15.14	13.50	N17 54.75	09.49	54.55
11	170 04.62	312 25.24	S21 01.58	000 56.09	N05 52.92	036 08.50	N17 48.18	081 17.45	N22 07.85	347 09.22	S01 16.01	115 47.64	13.43	N18 04.24	09.41	54.56
12	185 07.08	327 26.62	S21 02.20	015 57.08	N05 52.30	051 10.52	N17 48.07	096 19.84	N22 07.85	002 09.43	S01 16.98	130 20.07	13.36	N18 13.65	09.34	54.58
13	200 09.55	342 28.00	S21 02.83	030 58.08	N05 51.67	066 12.55	N17 47.96	111 22.23	N22 07.85	017 09.65	S01 17.95	144 52.43	13.29	N18 22.99	09.27	54.60
14	215 12.01	357 29.38	S21 03.45	045 59.07	N05 51.05	081 14.57	N17 47.84	126 24.62	N22 07.85	032 09.86	S01 18.93	159 24.72	13.22	N18 32.26	09.19	54.61
15	230 14.47	012 30.77	S21 04.07	061 00.06	N05 50.42	096 16.59	N17 47.73	141 27.01	N22 07.84	047 10.08	S01 19.90	173 56.94	13.15	N18 41.45	09.12	54.63
16	245 16.94	027 32.15	S21 04.68	076 01.06	N05 49.80	111 18.62	N17 47.61	156 29.40	N22 07.84	062 10.29	S01 20.87	188 29.09	13.08	N18 50.57	09.04	54.65
17	260 19.40	042 33.54	S21 05.30	091 02.05	N05 49.17	126 20.64	N17 47.50	171 31.79	N22 07.84	077 10.51	S01 21.85	203 01.17	13.01	N18 59.61	08.96	54.67
18	275 21.87	057 34.93	S21 05.92	106 03.04	N05 48.54	141 22.67	N17 47.39	186 34.18	N22 07.84	092 10.72	S01 22.82	217 33.18	12.94	N19 08.57	08.88	54.68
19	290 24.33	072 36.33	S21 06.53	121 04.04	N05 47.92	156 24.69	N17 47.27	201 36.57	N22 07.84	107 10.93	S01 23.79	232 05.11	12.86	N19 17.46	08.80	54.70
20	305 26.80	087 37.72	S21 07.15	136 05.03	N05 47.29	171 26.72	N17 47.16	216 38.97	N22 07.83	122 11.15	S01 24.77	246 36.97	12.79	N19 26.26	08.72	54.72
21	320 29.26	102 39.12	S21 07.76	151 06.03	N05 46.67	186 28.74	N17 47.04	231 41.36	N22 07.83	137 11.36	S01 25.74	261 08.76	12.72	N19 34.99	08.64	54.74
22	335 31.72	117 40.52	S21 08.37	166 07.02	N05 46.04	201 30.77	N17 46.93	246 43.75	N22 07.83	152 11.58	S01 26.71	275 40.48	12.64	N19 43.63	08.56	54.76
23	350 34.19	132 41.93	S21 08.98	181 08.02	N05 45.41	216 32.79	N17 46.82	261 46.14	N22 07.83	167 11.79	S01 27.69	290 12.12	12.57	N19 52.19	08.48	54.77
27 00	005 36.65	147 43.34	S21 09.59	196 09.01	N05 44.79	231 34.82	N17 46.70	276 48.53	N22 07.83	182 12.00	S01 28.66	304 43.69	12.49	N20 00.67	08.39	54.79
01	020 39.12	162 44.75	S21 10.20	211 10.00	N05 44.16	246 36.84	N17 46.59	291 50.92	N22 07.82	197 12.22	S01 29.63	319 15.19	12.42	N20 09.06	08.31	54.81
02	035 41.58	177 46.16	S21 10.80	226 11.00	N05 43.53	261 38.87	N17 46.48	306 53.32	N22 07.82	212 12.43	S01 30.61	333 46.61	12.34	N20 17.37	08.22	54.83
03	050 44.04	192 47.57	S21 11.41	241 11.99	N05 42.91	276 40.89	N17 46.36	321 55.71	N22 07.82	227 12.64	S01 31.58	348 17.95	12.27	N20 25.59	08.14	54.85
04	065 46.51	207 48.99	S21 12.01	256 12.99	N05 42.28	291 42.92	N17 46.25	336 58.10	N22 07.82	242 12.86	S01 32.55	002 49.22	12.19	N20 33.73	08.05	54.87
05	080 48.97	222 50.41	S21 12.62	271 13.98	N05 41.66	306 44.95	N17 46.14	352 00.49	N22 07.82	257 13.07	S01 33.53	017 20.41	12.12	N20 41.78	07.96	54.89
06	095 51.44	237 51.83	S21 13.22	286 14.98	N05 41.03	321 46.97	N17 46.02	007 02.89	N22 07.81	272 13.28	S01 34.50	031 51.53	12.04	N20 49.74	07.87	54.91
07	110 53.90	252 53.26	S21 13.82	301 15.97	N05 40.40	336 49.00	N17 45.91	022 05.28	N22 07.81	287 13.49	S01 35.47	046 22.57	11.97	N20 57.61	07.78	54.93
08	125 56.36	267 54.68	S21 14.42	316 16.96	N05 39.78	351 51.03	N17 45.80	037 07.67	N22 07.81	302 13.71	S01 36.45	060 53.54	11.89	N21 05.38	07.69	54.96
09	140 58.83	282 56.11	S21 15.02	331 17.96	N05 39.15	006 53.05	N17 45.68	052 10.07	N22 07.81	317 13.92	S01 37.42	075 24.43	11.81	N21 13.07	07.59	54.98
10	156 01.29	297 57.55	S21 15.62	346 18.95	N05 38.52	021 55.08	N17 45.57	067 12.46	N22 07.81	332 14.13	S01 38.39	089 55.24	11.73	N21 20.67	07.50	55.00
11	171 03.76	312 58.98	S21 16.21	001 19.95	N05 37.89	036 57.11	N17 45.46	082 14.86	N22 07.80	347 14.34	S01 39.37	104 25.97	11.66	N21 28.17	07.41	55.02
12	186 06.22	328 00.42	S21 16.81	016 20.94	N05 37.27	051 59.14	N17 45.34	097 17.25	N22 07.80	002 14.56	S01 40.34	118 56.63	11.58	N21 35.58	07.31	55.04
13	201 08.69	343 01.86	S21 17.40	031 21.94	N05 36.64	067 01.16	N17 45.23	112 19.65	N22 07.80	017 14.77	S01 41.31	133 27.21	11.50	N21 42.89	07.22	55.06
14	216 11.15	358 03.30	S21 18.00	046 22.93	N05 36.01	082 03.19	N17 45.12	127 22.04	N22 07.80	032 14.98	S01 42.29	147 57.71	11.43	N21 50.10	07.12	55.09
15	231 13.61	013 04.75	S21 18.59	061 23.93	N05 35.39	097 05.22	N17 45.00	142 24.43	N22 07.80	047 15.19	S01 43.26	162 28.14	11.35	N21 57.22	07.02	55.11
16	246 16.08	028 06.20	S21 19.18	076 24.92	N05 34.76	112 07.25	N17 44.89	157 26.83	N22 07.79	062 15.40	S01 44.23	176 58.49	11.27	N22 04.24	06.92	55.13
17	261 18.54	043 07.65	S21 19.77	091 25.92	N05 34.13	127 09.28	N17 44.78	172 29.23	N22 07.79	077 15.62	S01 45.20	191 28.76	11.19	N22 11.16	06.82	55.16
18	276 21.01	058 09.10	S21 20.36	106 26.91	N05 33.50	142 11.31	N17 44.66	187 31.62	N22 07.79	092 15.83	S01 46.18	205 58.95	11.12	N22 17.98	06.72	55.18
19	291 23.47	073 10.56	S21 20.94	121 27.91	N05 32.88	157 13.33	N17 44.55	202 34.02	N22 07.79	107 16.04	S01 47.15	220 29.06	11.04	N22 24.70	06.62	55.20
20	306 25.93	088 12.02	S21 21.53	136 28.90	N05 32.25	172 15.36	N17 44.44	217 36.41	N22 07.79	122 16.25	S01 48.12	234 59.10	10.96	N22 31.32	06.51	55.23
21	321 28.40	103 13.48	S21 22.11	151 29.90	N05 31.62	187 17.39	N17 44.32	232 38.81	N22 07.78	137 16.46	S01 49.10	249 29.06	10.88	N22 37.83	06.41	55.25
22	336 30.86	118 14.95	S21 22.70	166 30.89	N05 31.00	202 19.42	N17 44.21	247 41.21	N22 07.78	152 16.67	S01 50.07	263 58.94	10.80	N22 44.24	06.31	55.28
23	351 33.33	133 16.41	S21 23.28	181 31.89	N05 30.37	217 21.45	N17 44.10	262 43.60	N22 07.78	167 16.89	S01 51.04	278 28.75	10.73	N22 50.55	06.20	55.30
		v 1.41	d 0.61	v 0.99	d 0.63	v 2.03	d 0.11	v 2.39	d 0.00	v 0.21	d 0.97	SD	14.87	14.99		
		HP 0.35		HP 0.06						SD 15.96	HP 0.15					

Saturday September 28, 2002 through Sunday September 29, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
28 00	006 35.79	148 17.88	S21 23.86	196 32.88	N05 29.74	232 23.48	N17 43.99	277 46.00	N22 07.78	182 17.10	S01 52.02	292 58.48	10.65	N22 56.75	06.09	55.32
01	021 38.26	163 19.35	S21 24.44	211 33.88	N05 29.11	247 25.51	N17 43.87	292 48.40	N22 07.78	197 17.31	S01 52.99	307 28.13	10.57	N23 02.84	05.98	55.35
02	036 40.72	178 20.83	S21 25.02	226 34.87	N05 28.48	262 27.54	N17 43.76	307 50.79	N22 07.77	212 17.52	S01 53.96	321 57.70	10.50	N23 08.82	05.88	55.38
03	051 43.18	193 22.31	S21 25.60	241 35.87	N05 27.86	277 29.57	N17 43.65	322 53.19	N22 07.77	227 17.73	S01 54.93	336 27.19	10.42	N23 14.70	05.77	55.40
04	066 45.65	208 23.79	S21 26.17	256 36.86	N05 27.23	292 31.60	N17 43.53	337 55.59	N22 07.77	242 17.94	S01 55.91	350 56.61	10.34	N23 20.47	05.66	55.43
05	081 48.11	223 25.27	S21 26.75	271 37.86	N05 26.60	307 33.63	N17 43.42	352 57.99	N22 07.77	257 18.15	S01 56.88	005 25.95	10.27	N23 26.12	05.54	55.45
06	096 50.58	238 26.76	S21 27.32	286 38.86	N05 25.97	322 35.66	N17 43.31	008 00.38	N22 07.77	272 18.36	S01 57.85	019 55.22	10.19	N23 31.67	05.43	55.48
07	111 53.04	253 28.25	S21 27.89	301 39.85	N05 25.34	337 37.69	N17 43.20	023 02.78	N22 07.76	287 18.57	S01 58.83	034 24.41	10.11	N23 37.10	05.32	55.51
08	126 55.50	268 29.74	S21 28.46	316 40.85	N05 24.72	352 39.72	N17 43.08	038 05.18	N22 07.76	302 18.78	S01 59.80	048 53.52	10.04	N23 42.42	05.20	55.53
09	141 57.97	283 31.23	S21 29.03	331 41.84	N05 24.09	007 41.75	N17 42.97	053 07.58	N22 07.76	317 18.99	S02 00.77	063 22.56	09.96	N23 47.62	05.09	55.56
10	157 00.43	298 32.73	S21 29.60	346 42.84	N05 23.46	022 43.79	N17 42.86	068 09.98	N22 07.76	332 19.20	S02 01.74	077 51.52	09.89	N23 52.71	04.97	55.59
11	172 02.90	313 34.23	S21 30.17	001 43.83	N05 22.83	037 45.82	N17 42.75	083 12.38	N22 07.76	347 19.41	S02 02.72	092 20.41	09.81	N23 57.68	04.85	55.62
12	187 05.36	328 35.73	S21 30.74	016 44.83	N05 22.20	052 47.85	N17 42.63	098 14.78	N22 07.75	002 19.62	S02 03.69	106 49.22	09.74	N24 02.54	04.74	55.64
13	202 07.82	343 37.23	S21 31.30	031 45.82	N05 21.58	067 49.88	N17 42.52	113 17.17	N22 07.75	017 19.83	S02 04.66	121 17.96	09.66	N24 07.27	04.62	55.67
14	217 10.29	358 38.74	S21 31.87	046 46.82	N05 20.95	082 51.91	N17 42.41	128 19.57	N22 07.75	032 20.04	S02 05.63	135 46.63	09.59	N24 11.89	04.50	55.70
15	232 12.75	013 40.25	S21 32.43	061 47.82	N05 20.32	097 53.94	N17 42.30	143 21.97	N22 07.75	047 20.25	S02 06.61	150 15.22	09.52	N24 16.39	04.38	55.73
16	247 15.22	028 41.76	S21 32.99	076 48.81	N05 19.69	112 55.98	N17 42.18	158 24.37	N22 07.75	062 20.46	S02 07.58	164 43.73	09.45	N24 20.77	04.26	55.76
17	262 17.68	043 43.28	S21 33.55	091 49.81	N05 19.06	127 58.01	N17 42.07	173 26.77	N22 07.74	077 20.67	S02 08.55	179 12.18	09.37	N24 25.02	04.13	55.79
18	277 20.15	058 44.80	S21 34.11	106 50.80	N05 18.43	143 00.04	N17 41.96	188 29.17	N22 07.74	092 20.88	S02 09.53	193 40.55	09.30	N24 29.15	04.01	55.81
19	292 22.61	073 46.32	S21 34.67	121 51.80	N05 17.80	158 02.07	N17 41.85	203 31.58	N22 07.74	107 21.09	S02 10.50	208 08.86	09.23	N24 33.16	03.88	55.84
20	307 25.07	088 47.84	S21 35.23	136 52.80	N05 17.18	173 04.11	N17 41.73	218 33.98	N22 07.74	122 21.30	S02 11.47	222 37.09	09.16	N24 37.05	03.76	55.87
21	322 27.54	103 49.37	S21 35.78	151 53.79	N05 16.55	188 06.14	N17 41.62	233 36.38	N22 07.74	137 21.51	S02 12.44	237 05.25	09.09	N24 40.81	03.63	55.90
22	337 30.00	118 50.90	S21 36.34	166 54.79	N05 15.92	203 08.17	N17 41.51	248 38.78	N22 07.73	152 21.72	S02 13.41	251 33.34	09.02	N24 44.44	03.51	55.93
23	352 32.47	133 52.43	S21 36.89	181 55.78	N05 15.29	218 10.21	N17 41.40	263 41.18	N22 07.73	167 21.92	S02 14.39	266 01.36	08.95	N24 47.95	03.38	55.96
29 00	007 34.93	148 53.97	S21 37.44	196 56.78	N05 14.66	233 12.24	N17 41.29	278 43.58	N22 07.73	182 22.13	S02 15.36	280 29.31	08.89	N24 51.32	03.25	56.00
01	022 37.39	163 55.51	S21 37.99	211 57.78	N05 14.03	248 14.28	N17 41.17	293 45.98	N22 07.73	197 22.34	S02 16.33	294 57.20	08.82	N24 54.57	03.12	56.03
02	037 39.86	178 57.05	S21 38.54	226 58.77	N05 13.40	263 16.31	N17 41.06	308 48.39	N22 07.73	212 22.55	S02 17.30	309 25.02	08.75	N24 57.69	02.99	56.06
03	052 42.32	193 58.59	S21 39.09	241 59.77	N05 12.77	278 18.34	N17 40.95	323 50.79	N22 07.72	227 22.76	S02 18.28	323 52.77	08.69	N25 00.68	02.86	56.09
04	067 44.79	209 00.14	S21 39.63	257 00.76	N05 12.14	293 20.38	N17 40.84	338 53.19	N22 07.72	242 22.97	S02 19.25	338 20.46	08.62	N25 03.54	02.73	56.12
05	082 47.25	224 01.69	S21 40.18	272 01.76	N05 11.52	308 22.41	N17 40.73	353 55.59	N22 07.72	257 23.17	S02 20.22	352 48.08	08.56	N25 06.27	02.59	56.15
06	097 49.72	239 03.24	S21 40.72	287 02.76	N05 10.89	323 24.45	N17 40.61	008 58.00	N22 07.72	272 23.38	S02 21.19	007 15.64	08.49	N25 08.86	02.46	56.18
07	112 52.18	254 04.79	S21 41.27	302 03.75	N05 10.26	338 26.48	N17 40.50	024 00.40	N22 07.72	287 23.59	S02 22.16	021 43.13	08.43	N25 11.32	02.32	56.22
08	127 54.64	269 06.35	S21 41.81	317 04.75	N05 09.63	353 28.52	N17 40.39	039 02.80	N22 07.71	302 23.80	S02 23.14	036 10.56	08.37	N25 13.64	02.19	56.25
09	142 57.11	284 07.91	S21 42.35	332 05.75	N05 09.00	008 30.55	N17 40.28	054 05.20	N22 07.71	317 24.01	S02 24.11	050 37.93	08.31	N25 15.83	02.05	56.28
10	157 59.57	299 09.47	S21 42.89	347 06.74	N05 08.37	023 32.59	N17 40.17	069 07.61	N22 07.71	332 24.21	S02 25.08	065 05.24	08.25	N25 17.88	01.92	56.31
11	173 02.04	314 11.04	S21 43.43	002 07.74	N05 07.74	038 34.62	N17 40.06	084 10.01	N22 07.71	347 24.42	S02 26.05	079 32.49	08.19	N25 19.80	01.78	56.35
12	188 04.50	329 12.61	S21 43.96	017 08.74	N05 07.11	053 36.66	N17 39.94	099 12.42	N22 07.71	002 24.63	S02 27.02	093 59.68	08.13	N25 21.58	01.64	56.38
13	203 06.96	344 14.18	S21 44.50	032 09.73	N05 06.48	068 38.70	N17 39.83	114 14.82	N22 07.70	017 24.83	S02 28.00	108 26.82	08.08	N25 23.22	01.50	56.41
14	218 09.43	359 15.75	S21 45.03	047 10.73	N05 05.85	083 40.73	N17 39.72	129 17.23	N22 07.70	032 25.04	S02 28.97	122 53.89	08.02	N25 24.72	01.36	56.45
15	233 11.89	014 17.33	S21 45.57	062 11.73	N05 05.22	098 42.77	N17 39.61	144 19.63	N22 07.70	047 25.25	S02 29.94	137 20.91	07.96	N25 26.08	01.22	56.48
16	248 14.36	029 18.91	S21 46.10	077 12.72	N05 04.59	113 44.81	N17 39.50	159 22.03	N22 07.70	062 25.46	S02 30.91	151 47.88	07.91	N25 27.31	01.08	56.51
17	263 16.82	044 20.50	S21 46.63	092 13.72	N05 03.96	128 46.84	N17 39.39	174 24.44	N22 07.70	077 25.66	S02 31.88	166 14.79	07.86	N25 28.39	00.94	56.55
18	278 19.29	059 22.08	S21 47.16	107 14.72	N05 03.33	143 48.88	N17 39.27	189 26.85	N22 07.69	092 25.87	S02 32.86	180 41.64	07.81	N25 29.32	00.80	56.58
19	293 21.75	074 23.67	S21 47.69	122 15.71	N05 02.70	158 50.92	N17 39.16	204 29.25	N22 07.69	107 26.08	S02 33.83	195 08.45	07.75	N25 30.12	00.65	56.62
20	308 24.21	089 25.26	S21 48.21	137 16.71	N05 02.07	173 52.95	N17 39.05	219 31.66	N22 07.69	122 26.28	S02 34.80	209 35.20	07.70	N25 30.77	00.51	56.65
21	323 26.68	104 26.86	S21 48.74	152 17.71	N05 01.44	188 54.99	N17 38.94	234 34.06	N22 07.69	137 26.49	S02 35.77	224 01.91	07.66	N25 31.28	00.37	56.69
22	338 29.14	119 28.45	S21 49.26	167 18.70	N05 00.81	203 57.03	N17 38.83	249 36.47	N22 07.69	152 26.69	S02 36.74	238 28.56	07.61	N25 31.65	00.22	56.72
23	353 31.61	134 30.05	S21 49.79	182 19.70	N05 00.18	218 59.07	N17 38.72	264 38.87	N22 07.68	167 26.90	S02 37.71	252 55.17	07.56	N25 31.87	00.07	56.76
		v 1.54	d 0.55	v 1.00	d 0.63	v 2.03	d 0.11	v 2.40	d 0.00	v 0.21	d 0.97	SD	15.16	15.36		
		HP 0.36		HP 0.06						SD 15.96	HP 0.15					

Monday September 30, 2002 through Tuesday October 01, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
30 00	008 34.07	149 31.66	S21 50.31	197 20.70	N04 59.55	234 01.10	N17 38.61	279 41.28	N22 07.68	182 27.11	S02 38.68	267 21.73	07.52	N25 31.94	00.07	56.79
01	023 36.53	164 33.26	S21 50.83	212 21.69	N04 58.92	249 03.14	N17 38.49	294 43.69	N22 07.68	197 27.31	S02 39.66	281 48.25	07.47	N25 31.87	00.22	56.83
02	038 39.00	179 34.87	S21 51.35	227 22.69	N04 58.29	264 05.18	N17 38.38	309 46.09	N22 07.68	212 27.52	S02 40.63	296 14.72	07.43	N25 31.65	00.36	56.87
03	053 41.46	194 36.48	S21 51.86	242 23.69	N04 57.66	279 07.22	N17 38.27	324 48.50	N22 07.67	227 27.72	S02 41.60	310 41.15	07.39	N25 31.29	00.51	56.90
04	068 43.93	209 38.10	S21 52.38	257 24.69	N04 57.03	294 09.26	N17 38.16	339 50.91	N22 07.67	242 27.93	S02 42.57	325 07.54	07.35	N25 30.78	00.66	56.94
05	083 46.39	224 39.72	S21 52.90	272 25.68	N04 56.40	309 11.30	N17 38.05	354 53.32	N22 07.67	257 28.13	S02 43.54	339 33.89	07.31	N25 30.12	00.81	56.97
06	098 48.86	239 41.34	S21 53.41	287 26.68	N04 55.77	324 13.34	N17 37.94	009 55.72	N22 07.67	272 28.34	S02 44.51	354 00.19	07.27	N25 29.31	00.96	57.01
07	113 51.32	254 42.96	S21 53.92	302 27.68	N04 55.14	339 15.38	N17 37.83	024 58.13	N22 07.67	287 28.54	S02 45.48	008 26.46	07.23	N25 28.35	01.11	57.05
08	128 53.78	269 44.59	S21 54.43	317 28.67	N04 54.51	354 17.41	N17 37.72	040 00.54	N22 07.66	302 28.75	S02 46.45	022 52.70	07.20	N25 27.24	01.26	57.08
09	143 56.25	284 46.22	S21 54.94	332 29.67	N04 53.88	009 19.45	N17 37.61	055 02.95	N22 07.66	317 28.95	S02 47.43	037 18.89	07.16	N25 25.98	01.41	57.12
10	158 58.71	299 47.85	S21 55.45	347 30.67	N04 53.25	024 21.49	N17 37.49	070 05.36	N22 07.66	332 29.16	S02 48.40	051 45.05	07.13	N25 24.58	01.56	57.16
11	174 01.18	314 49.48	S21 55.96	002 31.67	N04 52.62	039 23.53	N17 37.38	085 07.77	N22 07.66	347 29.36	S02 49.37	066 11.18	07.10	N25 23.02	01.71	57.20
12	189 03.64	329 51.12	S21 56.46	017 32.66	N04 51.99	054 25.57	N17 37.27	100 10.17	N22 07.66	002 29.57	S02 50.34	080 37.28	07.07	N25 21.31	01.86	57.23
13	204 06.10	344 52.76	S21 56.97	032 33.66	N04 51.36	069 27.61	N17 37.16	115 12.58	N22 07.65	017 29.77	S02 51.31	095 03.35	07.04	N25 19.45	02.01	57.27
14	219 08.57	359 54.41	S21 57.47	047 34.66	N04 50.72	084 29.66	N17 37.05	130 14.99	N22 07.65	032 29.97	S02 52.28	109 29.38	07.01	N25 17.43	02.17	57.31
15	234 11.03	014 56.05	S21 57.97	062 35.66	N04 50.09	099 31.70	N17 36.94	145 17.40	N22 07.65	047 30.18	S02 53.25	123 55.39	06.98	N25 15.27	02.32	57.35
16	249 13.50	029 57.70	S21 58.48	077 36.65	N04 49.46	114 33.74	N17 36.83	160 19.81	N22 07.65	062 30.38	S02 54.22	138 21.37	06.96	N25 12.95	02.47	57.38
17	264 15.96	044 59.36	S21 58.97	092 37.65	N04 48.83	129 35.78	N17 36.72	175 22.22	N22 07.65	077 30.59	S02 55.19	152 47.33	06.93	N25 10.48	02.62	57.42
18	279 18.43	060 01.01	S21 59.47	107 38.65	N04 48.20	144 37.82	N17 36.61	190 24.63	N22 07.64	092 30.79	S02 56.16	167 13.26	06.91	N25 07.86	02.78	57.46
19	294 20.89	075 02.67	S21 59.97	122 39.65	N04 47.57	159 39.86	N17 36.50	205 27.04	N22 07.64	107 30.99	S02 57.13	181 39.17	06.89	N25 05.08	02.93	57.50
20	309 23.35	090 04.33	S22 00.46	137 40.64	N04 46.94	174 41.90	N17 36.39	220 29.45	N22 07.64	122 31.20	S02 58.10	196 05.06	06.87	N25 02.15	03.08	57.54
21	324 25.82	105 06.00	S22 00.96	152 41.64	N04 46.31	189 43.94	N17 36.28	235 31.86	N22 07.64	137 31.40	S02 59.07	210 30.92	06.85	N24 59.07	03.24	57.58
22	339 28.28	120 07.67	S22 01.45	167 42.64	N04 45.68	204 45.99	N17 36.17	250 34.28	N22 07.64	152 31.60	S03 00.05	224 56.77	06.83	N24 55.83	03.39	57.62
23	354 30.75	135 09.34	S22 01.94	182 43.64	N04 45.04	219 48.03	N17 36.06	265 36.69	N22 07.63	167 31.81	S03 01.02	239 22.60	06.81	N24 52.44	03.54	57.65
01 00	009 33.21	150 11.01	S22 02.43	197 44.64	N04 44.41	234 50.07	N17 35.94	280 39.10	N22 07.63	182 32.01	S03 01.99	253 48.41	06.80	N24 48.89	03.70	57.69
01	024 35.67	165 12.69	S22 02.92	212 45.63	N04 43.78	249 52.11	N17 35.83	295 41.51	N22 07.63	197 32.21	S03 02.96	268 14.21	06.78	N24 45.19	03.85	57.73
02	039 38.14	180 14.37	S22 03.41	227 46.63	N04 43.15	264 54.15	N17 35.72	310 43.92	N22 07.63	212 32.41	S03 03.93	282 40.00	06.77	N24 41.34	04.01	57.77
03	054 40.60	195 16.05	S22 03.90	242 47.63	N04 42.52	279 56.20	N17 35.61	325 46.33	N22 07.62	227 32.62	S03 04.90	297 05.77	06.76	N24 37.33	04.16	57.81
04	069 43.07	210 17.74	S22 04.38	257 48.63	N04 41.89	294 58.24	N17 35.50	340 48.75	N22 07.62	242 32.82	S03 05.87	311 31.53	06.75	N24 33.17	04.32	57.85
05	084 45.53	225 19.43	S22 04.86	272 49.63	N04 41.26	310 00.28	N17 35.39	355 51.16	N22 07.62	257 33.02	S03 06.84	325 57.28	06.74	N24 28.86	04.47	57.89
06	099 48.00	240 21.12	S22 05.35	287 50.62	N04 40.62	325 02.33	N17 35.28	010 53.57	N22 07.62	272 33.22	S03 07.81	340 23.02	06.73	N24 24.39	04.62	57.93
07	114 50.46	255 22.81	S22 05.83	302 51.62	N04 39.99	340 04.37	N17 35.17	025 55.98	N22 07.62	287 33.43	S03 08.78	354 48.75	06.73	N24 19.76	04.78	57.97
08	129 52.92	270 24.51	S22 06.31	317 52.62	N04 39.36	355 06.41	N17 35.06	040 58.40	N22 07.61	302 33.63	S03 09.75	009 14.48	06.72	N24 14.98	04.93	58.01
09	144 55.39	285 26.21	S22 06.78	332 53.62	N04 38.73	010 08.46	N17 34.95	056 00.81	N22 07.61	317 33.83	S03 10.72	023 40.20	06.72	N24 10.05	05.09	58.05
10	159 57.85	300 27.92	S22 07.26	347 54.62	N04 38.10	025 10.50	N17 34.84	071 03.22	N22 07.61	332 34.03	S03 11.69	038 05.91	06.71	N24 04.97	05.24	58.09
11	175 00.32	315 29.62	S22 07.74	002 55.61	N04 37.47	040 12.55	N17 34.73	086 05.64	N22 07.61	347 34.23	S03 12.66	052 31.63	06.71	N23 59.73	05.39	58.13
12	190 02.78	330 31.33	S22 08.21	017 56.61	N04 36.83	055 14.59	N17 34.62	101 08.05	N22 07.61	002 34.43	S03 13.63	066 57.34	06.71	N23 54.33	05.55	58.17
13	205 05.24	345 33.05	S22 08.68	032 57.61	N04 36.20	070 16.64	N17 34.51	116 10.46	N22 07.60	017 34.63	S03 14.60	081 23.05	06.71	N23 48.79	05.70	58.21
14	220 07.71	000 34.76	S22 09.15	047 58.61	N04 35.57	085 18.68	N17 34.40	131 12.88	N22 07.60	032 34.84	S03 15.57	095 48.77	06.72	N23 43.08	05.85	58.25
15	235 10.17	015 36.48	S22 09.62	062 59.61	N04 34.94	100 20.73	N17 34.29	146 15.29	N22 07.60	047 35.04	S03 16.53	110 14.48	06.72	N23 37.23	06.01	58.29
16	250 12.64	030 38.21	S22 10.09	078 00.61	N04 34.31	115 22.77	N17 34.18	161 17.71	N22 07.60	062 35.24	S03 17.50	124 40.20	06.72	N23 31.22	06.16	58.33
17	265 15.10	045 39.93	S22 10.56	093 01.60	N04 33.67	130 24.82	N17 34.07	176 20.12	N22 07.60	077 35.44	S03 18.47	139 05.92	06.73	N23 25.07	06.31	58.37
18	280 17.56	060 41.66	S22 11.03	108 02.60	N04 33.04	145 26.86	N17 33.96	191 22.54	N22 07.59	092 35.64	S03 19.44	153 31.65	06.73	N23 18.75	06.46	58.41
19	295 20.03	075 43.39	S22 11.49	123 03.60	N04 32.41	160 28.91	N17 33.85	206 24.95	N22 07.59	107 35.84	S03 20.41	167 57.39	06.74	N23 12.29	06.61	58.45
20	310 22.49	090 45.13	S22 11.95	138 04.60	N04 31.78	175 30.95	N17 33.74	221 27.37	N22 07.59	122 36.04	S03 21.38	182 23.13	06.75	N23 05.68	06.77	58.49
21	325 24.96	105 46.87	S22 12.41	153 05.60	N04 31.15	190 33.00	N17 33.63	236 29.78	N22 07.59	137 36.24	S03 22.35	196 48.88	06.76	N22 58.91	06.92	58.53
22	340 27.42	120 48.61	S22 12.87	168 06.60	N04 30.51	205 35.05	N17 33.52	251 32.20	N22 07.59	152 36.44	S03 23.32	211 14.64	06.77	N22 51.99	07.07	58.57
23	355 29.89	135 50.35	S22 13.33	183 07.59	N04 29.88	220 37.09	N17 33.41	266 34.62	N22 07.58	167 36.64	S03 24.29	225 40.41	06.78	N22 44.93	07.22	58.61
		v 1.68	d 0.49	v 1.00	d 0.63	v 2.04	d 0.11	v 2.41	d 0.00	v 0.20	d 0.97	SD	15.59	15.84		
		HP 0.38		HP 0.06						SD 15.97	HP 0.15					

Wednesday October 02, 2002 through Thursday October 03, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
02 00	010 32.35	150 52.10	S22 13.79	198 08.59	N04 29.25	235 39.14	N17 33.31	281 37.03	N22 07.58	182 36.84	S03 25.26	240 06.19	06.80	N22 37.71	07.37	58.65
01	025 34.81	165 53.85	S22 14.25	213 09.59	N04 28.62	250 41.19	N17 33.20	296 39.45	N22 07.58	197 37.04	S03 26.23	254 31.99	06.81	N22 30.34	07.52	58.69
02	040 37.28	180 55.60	S22 14.70	228 10.59	N04 27.98	265 43.23	N17 33.09	311 41.87	N22 07.58	212 37.24	S03 27.20	268 57.80	06.82	N22 22.83	07.66	58.73
03	055 39.74	195 57.36	S22 15.16	243 11.59	N04 27.35	280 45.28	N17 32.98	326 44.28	N22 07.57	227 37.44	S03 28.16	283 23.62	06.84	N22 15.16	07.81	58.77
04	070 42.21	210 59.12	S22 15.61	258 12.59	N04 26.72	295 47.33	N17 32.87	341 46.70	N22 07.57	242 37.64	S03 29.13	297 49.46	06.86	N22 07.35	07.96	58.81
05	085 44.67	226 00.88	S22 16.06	273 13.59	N04 26.09	310 49.38	N17 32.76	356 49.12	N22 07.57	257 37.83	S03 30.10	312 15.31	06.87	N21 59.39	08.11	58.84
06	100 47.13	241 02.65	S22 16.51	288 14.59	N04 25.45	325 51.42	N17 32.65	011 51.54	N22 07.57	272 38.03	S03 31.07	326 41.18	06.89	N21 51.28	08.25	58.88
07	115 49.60	256 04.42	S22 16.95	303 15.58	N04 24.82	340 53.47	N17 32.54	026 53.95	N22 07.57	287 38.23	S03 32.04	341 07.08	06.91	N21 43.03	08.40	58.92
08	130 52.06	271 06.19	S22 17.40	318 16.58	N04 24.19	355 55.52	N17 32.43	041 56.37	N22 07.56	302 38.43	S03 33.01	355 32.98	06.93	N21 34.63	08.54	58.96
09	145 54.53	286 07.96	S22 17.85	333 17.58	N04 23.56	010 57.57	N17 32.32	056 58.79	N22 07.56	317 38.63	S03 33.98	009 58.91	06.95	N21 26.09	08.69	59.00
10	160 56.99	301 09.74	S22 18.29	348 18.58	N04 22.92	025 59.62	N17 32.21	072 01.21	N22 07.56	332 38.83	S03 34.94	024 24.86	06.97	N21 17.40	08.83	59.04
11	175 59.45	316 11.52	S22 18.73	003 19.58	N04 22.29	041 01.67	N17 32.10	087 03.63	N22 07.56	347 39.03	S03 35.91	038 50.84	06.99	N21 08.57	08.97	59.08
12	191 01.92	331 13.31	S22 19.17	018 20.58	N04 21.66	056 03.71	N17 31.99	102 06.05	N22 07.56	002 39.22	S03 36.88	053 16.83	07.02	N20 59.60	09.12	59.12
13	206 04.38	346 15.10	S22 19.61	033 21.58	N04 21.02	071 05.76	N17 31.88	117 08.46	N22 07.55	017 39.42	S03 37.85	067 42.84	07.04	N20 50.48	09.26	59.16
14	221 06.85	001 16.89	S22 20.05	048 22.58	N04 20.39	086 07.81	N17 31.78	132 10.88	N22 07.55	032 39.62	S03 38.82	082 08.88	07.06	N20 41.22	09.40	59.20
15	236 09.31	016 18.68	S22 20.49	063 23.58	N04 19.76	101 09.86	N17 31.67	147 13.30	N22 07.55	047 39.82	S03 39.78	096 34.95	07.09	N20 31.82	09.54	59.24
16	251 11.78	031 20.48	S22 20.92	078 24.57	N04 19.13	116 11.91	N17 31.56	162 15.72	N22 07.55	062 40.01	S03 40.75	111 01.04	07.11	N20 22.28	09.68	59.28
17	266 14.24	046 22.28	S22 21.35	093 25.57	N04 18.49	131 13.96	N17 31.45	177 18.14	N22 07.54	077 40.21	S03 41.72	125 27.15	07.14	N20 12.61	09.82	59.32
18	281 16.70	061 24.09	S22 21.79	108 26.57	N04 17.86	146 16.01	N17 31.34	192 20.56	N22 07.54	092 40.41	S03 42.69	139 53.29	07.17	N20 02.79	09.95	59.35
19	296 19.17	076 25.89	S22 22.22	123 27.57	N04 17.23	161 18.06	N17 31.23	207 22.98	N22 07.54	107 40.61	S03 43.66	154 19.46	07.19	N19 52.84	10.09	59.39
20	311 21.63	091 27.70	S22 22.65	138 28.57	N04 16.59	176 20.11	N17 31.12	222 25.40	N22 07.54	122 40.80	S03 44.62	168 45.65	07.22	N19 42.75	10.22	59.43
21	326 24.10	106 29.52	S22 23.08	153 29.57	N04 15.96	191 22.16	N17 31.01	237 27.82	N22 07.54	137 41.00	S03 45.59	183 11.87	07.25	N19 32.52	10.36	59.47
22	341 26.56	121 31.34	S22 23.50	168 30.57	N04 15.33	206 24.21	N17 30.90	252 30.24	N22 07.53	152 41.20	S03 46.56	197 38.12	07.28	N19 22.16	10.49	59.51
23	356 29.02	136 33.16	S22 23.93	183 31.57	N04 14.69	221 26.26	N17 30.80	267 32.67	N22 07.53	167 41.39	S03 47.53	212 04.40	07.31	N19 11.67	10.63	59.54
03 00	011 31.49	151 34.98	S22 24.35	198 32.57	N04 14.06	236 28.32	N17 30.69	282 35.09	N22 07.53	182 41.59	S03 48.49	226 30.71	07.34	N19 01.05	10.76	59.58
01	026 33.95	166 36.81	S22 24.77	213 33.57	N04 13.43	251 30.37	N17 30.58	297 37.51	N22 07.53	197 41.78	S03 49.46	240 57.04	07.37	N18 50.29	10.89	59.62
02	041 36.42	181 38.64	S22 25.19	228 34.57	N04 12.79	266 32.42	N17 30.47	312 39.93	N22 07.53	212 41.98	S03 50.43	255 23.41	07.40	N18 39.40	11.02	59.66
03	056 38.88	196 40.47	S22 25.61	243 35.57	N04 12.16	281 34.47	N17 30.36	327 42.35	N22 07.52	227 42.18	S03 51.39	269 49.80	07.43	N18 28.38	11.15	59.69
04	071 41.34	211 42.30	S22 26.03	258 36.56	N04 11.53	296 36.52	N17 30.25	342 44.77	N22 07.52	242 42.37	S03 52.36	284 16.23	07.46	N18 17.24	11.27	59.73
05	086 43.81	226 44.14	S22 26.45	273 37.56	N04 10.89	311 38.57	N17 30.14	357 47.20	N22 07.52	257 42.57	S03 53.33	298 42.69	07.49	N18 05.97	11.40	59.77
06	101 46.27	241 45.99	S22 26.86	288 38.56	N04 10.26	326 40.63	N17 30.04	012 49.62	N22 07.52	272 42.76	S03 54.30	313 09.18	07.52	N17 54.57	11.52	59.80
07	116 48.74	256 47.83	S22 27.28	303 39.56	N04 09.63	341 42.68	N17 29.93	027 52.04	N22 07.51	287 42.96	S03 55.26	327 35.70	07.55	N17 43.04	11.65	59.84
08	131 51.20	271 49.68	S22 27.69	318 40.56	N04 08.99	356 44.73	N17 29.82	042 54.47	N22 07.51	302 43.15	S03 56.23	342 02.25	07.58	N17 31.40	11.77	59.87
09	146 53.67	286 51.53	S22 28.10	333 41.56	N04 08.36	011 46.78	N17 29.71	057 56.89	N22 07.51	317 43.35	S03 57.20	356 28.83	07.61	N17 19.62	11.89	59.91
10	161 56.13	301 53.39	S22 28.51	348 42.56	N04 07.72	026 48.84	N17 29.60	072 59.31	N22 07.51	332 43.54	S03 58.16	010 55.45	07.65	N17 07.73	12.01	59.95
11	176 58.59	316 55.25	S22 28.91	003 43.56	N04 07.09	041 50.89	N17 29.49	088 01.74	N22 07.51	347 43.74	S03 59.13	025 22.09	07.68	N16 55.72	12.13	59.98
12	192 01.06	331 57.11	S22 29.32	018 44.56	N04 06.46	056 52.94	N17 29.39	103 04.16	N22 07.50	002 43.93	S04 00.10	039 48.77	07.71	N16 43.59	12.25	60.02
13	207 03.52	346 58.98	S22 29.73	033 45.56	N04 05.82	071 55.00	N17 29.28	118 06.58	N22 07.50	017 44.13	S04 01.06	054 15.48	07.74	N16 31.34	12.37	60.05
14	222 05.99	002 00.85	S22 30.13	048 46.56	N04 05.19	086 57.05	N17 29.17	133 09.01	N22 07.50	032 44.32	S04 02.03	068 42.23	07.78	N16 18.97	12.48	60.08
15	237 08.45	017 02.72	S22 30.53	063 47.56	N04 04.55	101 59.11	N17 29.06	148 11.43	N22 07.50	047 44.51	S04 02.99	083 09.00	07.81	N16 06.49	12.60	60.12
16	252 10.91	032 04.59	S22 30.93	078 48.56	N04 03.92	117 01.16	N17 28.95	163 13.86	N22 07.50	062 44.71	S04 03.96	097 35.81	07.84	N15 53.89	12.71	60.15
17	267 13.38	047 06.47	S22 31.33	093 49.56	N04 03.29	132 03.21	N17 28.85	178 16.28	N22 07.49	077 44.90	S04 04.93	112 02.65	07.87	N15 41.18	12.82	60.19
18	282 15.84	062 08.36	S22 31.73	108 50.56	N04 02.65	147 05.27	N17 28.74	193 18.71	N22 07.49	092 45.10	S04 05.89	126 29.52	07.90	N15 28.36	12.93	60.22
19	297 18.31	077 10.24	S22 32.12	123 51.56	N04 02.02	162 07.32	N17 28.63	208 21.13	N22 07.49	107 45.29	S04 06.86	140 56.43	07.94	N15 15.43	13.04	60.25
20	312 20.77	092 12.13	S22 32.52	138 52.56	N04 01.38	177 09.38	N17 28.52	223 23.56	N22 07.49	122 45.48	S04 07.82	155 23.36	07.97	N15 02.39	13.15	60.28
21	327 23.23	107 14.02	S22 32.91	153 53.56	N04 00.75	192 11.43	N17 28.42	238 25.98	N22 07.48	137 45.68	S04 08.79	169 50.33	08.00	N14 49.25	13.25	60.32
22	342 25.70	122 15.92	S22 33.30	168 54.56	N04 00.12	207 13.49	N17 28.31	253 28.41	N22 07.48	152 45.87	S04 09.76	184 17.33	08.03	N14 36.00	13.36	60.35
23	357 28.16	137 17.82	S22 33.69	183 55.56	N03 59.48	222 15.54	N17 28.20	268 30.83	N22 07.48	167 46.06	S04 10.72	198 44.36	08.06	N14 22.64	13.46	60.38
		v 1.83	d 0.42	v 1.00	d 0.63	v 2.05	d 0.11	v 2.42	d 0.00	v 0.20	d 0.97	SD	16.10	16.35		
		HP 0.39		HP 0.06						SD 15.98	HP 0.15					

Friday October 04, 2002 through Saturday October 05, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
04 00	012 30.63	152 19.72	S22 34.08	198 56.56	N03 58.85	237 17.60	N17 28.09	283 33.26	N22 07.48	182 46.25	S04 11.69	213 11.43	08.09	N14 09.18	13.56	60.41
01	027 33.09	167 21.62	S22 34.47	213 57.56	N03 58.21	252 19.66	N17 27.98	298 35.69	N22 07.48	197 46.45	S04 12.65	227 38.52	08.13	N13 55.62	13.66	60.44
02	042 35.55	182 23.53	S22 34.85	228 58.56	N03 57.58	267 21.71	N17 27.88	313 38.11	N22 07.47	212 46.64	S04 13.62	242 05.65	08.16	N13 41.96	13.76	60.47
03	057 38.02	197 25.44	S22 35.24	243 59.56	N03 56.94	282 23.77	N17 27.77	328 40.54	N22 07.47	227 46.83	S04 14.58	256 32.80	08.19	N13 28.20	13.86	60.50
04	072 40.48	212 27.36	S22 35.62	259 00.56	N03 56.31	297 25.82	N17 27.66	343 42.97	N22 07.47	242 47.02	S04 15.55	270 59.99	08.22	N13 14.34	13.95	60.53
05	087 42.95	227 29.28	S22 36.00	274 01.56	N03 55.67	312 27.88	N17 27.55	358 45.40	N22 07.47	257 47.22	S04 16.51	285 27.21	08.25	N13 00.39	14.05	60.56
06	102 45.41	242 31.20	S22 36.38	289 02.56	N03 55.04	327 29.94	N17 27.45	013 47.82	N22 07.47	272 47.41	S04 17.48	299 54.46	08.28	N12 46.34	14.14	60.59
07	117 47.87	257 33.13	S22 36.76	304 03.56	N03 54.41	342 31.99	N17 27.34	028 50.25	N22 07.46	287 47.60	S04 18.44	314 21.74	08.31	N12 32.21	14.23	60.62
08	132 50.34	272 35.06	S22 37.13	319 04.56	N03 53.77	357 34.05	N17 27.23	043 52.68	N22 07.46	302 47.79	S04 19.41	328 49.04	08.34	N12 17.98	14.32	60.65
09	147 52.80	287 36.99	S22 37.51	334 05.56	N03 53.14	012 36.11	N17 27.12	058 55.11	N22 07.46	317 47.98	S04 20.37	343 16.38	08.36	N12 03.66	14.41	60.68
10	162 55.27	302 38.92	S22 37.88	349 06.56	N03 52.50	027 38.17	N17 27.02	073 57.53	N22 07.46	332 48.17	S04 21.34	357 43.74	08.39	N11 49.25	14.49	60.70
11	177 57.73	317 40.86	S22 38.25	004 07.56	N03 51.87	042 40.22	N17 26.91	088 59.96	N22 07.45	347 48.36	S04 22.30	012 11.13	08.42	N11 34.76	14.58	60.73
12	193 00.19	332 42.81	S22 38.62	019 08.56	N03 51.23	057 42.28	N17 26.80	104 02.39	N22 07.45	002 48.56	S04 23.27	026 38.55	08.45	N11 20.18	14.66	60.76
13	208 02.66	347 44.75	S22 38.99	034 09.56	N03 50.60	072 44.34	N17 26.70	119 04.82	N22 07.45	017 48.75	S04 24.23	041 06.00	08.47	N11 05.52	14.74	60.78
14	223 05.12	002 46.70	S22 39.36	049 10.56	N03 49.96	087 46.40	N17 26.59	134 07.25	N22 07.45	032 48.94	S04 25.19	055 33.47	08.50	N10 50.78	14.82	60.81
15	238 07.59	017 48.65	S22 39.72	064 11.56	N03 49.33	102 48.46	N17 26.48	149 09.68	N22 07.45	047 49.13	S04 26.16	070 00.97	08.53	N10 35.96	14.90	60.83
16	253 10.05	032 50.61	S22 40.09	079 12.56	N03 48.69	117 50.52	N17 26.37	164 12.11	N22 07.44	062 49.32	S04 27.12	084 28.50	08.55	N10 21.06	14.97	60.86
17	268 12.52	047 52.57	S22 40.45	094 13.56	N03 48.06	132 52.58	N17 26.27	179 14.54	N22 07.44	077 49.51	S04 28.09	098 56.05	08.58	N10 06.09	15.05	60.88
18	283 14.98	062 54.53	S22 40.81	109 14.56	N03 47.42	147 54.63	N17 26.16	194 16.97	N22 07.44	092 49.70	S04 29.05	113 23.62	08.60	N09 51.04	15.12	60.91
19	298 17.44	077 56.50	S22 41.17	124 15.56	N03 46.79	162 56.69	N17 26.05	209 19.40	N22 07.44	107 49.89	S04 30.01	127 51.22	08.62	N09 35.92	15.19	60.93
20	313 19.91	092 58.47	S22 41.53	139 16.56	N03 46.15	177 58.75	N17 25.95	224 21.83	N22 07.43	122 50.08	S04 30.98	142 18.85	08.65	N09 20.73	15.26	60.95
21	328 22.37	108 00.44	S22 41.89	154 17.56	N03 45.52	193 00.81	N17 25.84	239 24.26	N22 07.43	137 50.27	S04 31.94	156 46.49	08.67	N09 05.47	15.33	60.97
22	343 24.84	123 02.42	S22 42.24	169 18.56	N03 44.88	208 02.87	N17 25.73	254 26.69	N22 07.43	152 50.46	S04 32.90	171 14.16	08.69	N08 50.14	15.39	61.00
23	358 27.30	138 04.40	S22 42.59	184 19.56	N03 44.25	223 04.93	N17 25.63	269 29.12	N22 07.43	167 50.64	S04 33.87	185 41.85	08.71	N08 34.75	15.46	61.02
05 00	013 29.76	153 06.38	S22 42.95	199 20.57	N03 43.61	238 06.99	N17 25.52	284 31.55	N22 07.43	182 50.83	S04 34.83	200 09.56	08.73	N08 19.29	15.52	61.04
01	028 32.23	168 08.37	S22 43.30	214 21.57	N03 42.98	253 09.05	N17 25.41	299 33.99	N22 07.42	197 51.02	S04 35.79	214 37.29	08.75	N08 03.77	15.58	61.06
02	043 34.69	183 10.36	S22 43.65	229 22.57	N03 42.34	268 11.11	N17 25.31	314 36.42	N22 07.42	212 51.21	S04 36.76	229 05.04	08.77	N07 48.19	15.64	61.08
03	058 37.16	198 12.35	S22 43.99	244 23.57	N03 41.71	283 13.18	N17 25.20	329 38.85	N22 07.42	227 51.40	S04 37.72	243 32.81	08.79	N07 32.55	15.69	61.10
04	073 39.62	213 14.35	S22 44.34	259 24.57	N03 41.07	298 15.24	N17 25.09	344 41.28	N22 07.42	242 51.59	S04 38.68	258 00.60	08.81	N07 16.86	15.75	61.12
05	088 42.08	228 16.35	S22 44.68	274 25.57	N03 40.44	313 17.30	N17 24.99	359 43.71	N22 07.41	257 51.78	S04 39.65	272 28.41	08.82	N07 01.11	15.80	61.14
06	103 44.55	243 18.35	S22 45.02	289 26.57	N03 39.80	328 19.36	N17 24.88	014 46.15	N22 07.41	272 51.96	S04 40.61	286 56.23	08.84	N06 45.30	15.85	61.15
07	118 47.01	258 20.36	S22 45.36	304 27.57	N03 39.17	343 21.42	N17 24.77	029 48.58	N22 07.41	287 52.15	S04 41.57	301 24.07	08.85	N06 29.45	15.90	61.17
08	133 49.48	273 22.37	S22 45.70	319 28.57	N03 38.53	358 23.48	N17 24.67	044 51.01	N22 07.41	302 52.34	S04 42.53	315 51.92	08.87	N06 13.55	15.95	61.19
09	148 51.94	288 24.39	S22 46.04	334 29.57	N03 37.89	013 25.55	N17 24.56	059 53.44	N22 07.41	317 52.53	S04 43.50	330 19.79	08.88	N05 57.60	16.00	61.21
10	163 54.40	303 26.41	S22 46.38	349 30.57	N03 37.26	028 27.61	N17 24.45	074 55.88	N22 07.40	332 52.71	S04 44.46	344 47.67	08.90	N05 41.60	16.04	61.22
11	178 56.87	318 28.43	S22 46.71	004 31.57	N03 36.62	043 29.67	N17 24.35	089 58.31	N22 07.40	347 52.90	S04 45.42	359 15.57	08.91	N05 25.56	16.08	61.24
12	193 59.33	333 30.45	S22 47.04	019 32.57	N03 35.99	058 31.73	N17 24.24	105 00.75	N22 07.40	002 53.09	S04 46.38	013 43.48	08.92	N05 09.48	16.12	61.25
13	209 01.80	348 32.48	S22 47.38	034 33.57	N03 35.35	073 33.80	N17 24.14	120 03.18	N22 07.40	017 53.28	S04 47.35	028 11.40	08.93	N04 53.36	16.16	61.27
14	224 04.26	003 34.51	S22 47.71	049 34.58	N03 34.72	088 35.86	N17 24.03	135 05.61	N22 07.39	032 53.46	S04 48.31	042 39.33	08.94	N04 37.20	16.19	61.28
15	239 06.72	018 36.55	S22 48.03	064 35.58	N03 34.08	103 37.92	N17 23.92	150 08.05	N22 07.39	047 53.65	S04 49.27	057 07.27	08.95	N04 21.01	16.23	61.29
16	254 09.19	033 38.59	S22 48.36	079 36.58	N03 33.45	118 39.98	N17 23.82	165 10.48	N22 07.39	062 53.84	S04 50.23	071 35.22	08.96	N04 04.78	16.26	61.30
17	269 11.65	048 40.63	S22 48.69	094 37.58	N03 32.81	133 42.05	N17 23.71	180 12.92	N22 07.39	077 54.02	S04 51.19	086 03.18	08.97	N03 48.52	16.29	61.32
18	284 14.12	063 42.68	S22 49.01	109 38.58	N03 32.17	148 44.11	N17 23.61	195 15.35	N22 07.39	092 54.21	S04 52.15	100 31.15	08.97	N03 32.23	16.32	61.33
19	299 16.58	078 44.73	S22 49.33	124 39.58	N03 31.54	163 46.18	N17 23.50	210 17.79	N22 07.38	107 54.39	S04 53.12	114 59.12	08.98	N03 15.91	16.34	61.34
20	314 19.04	093 46.78	S22 49.65	139 40.58	N03 30.90	178 48.24	N17 23.39	225 20.22	N22 07.38	122 54.58	S04 54.08	129 27.10	08.98	N02 59.57	16.37	61.35
21	329 21.51	108 48.84	S22 49.97	154 41.58	N03 30.27	193 50.31	N17 23.29	240 22.66	N22 07.38	137 54.76	S04 55.04	143 55.08	08.99	N02 43.20	16.39	61.36
22	344 23.97	123 50.90	S22 50.29	169 42.58	N03 29.63	208 52.37	N17 23.18	255 25.09	N22 07.38	152 54.95	S04 56.00	158 23.07	08.99	N02 26.81	16.41	61.37
23	359 26.44	138 52.96	S22 50.60	184 43.58	N03 28.99	223 54.43	N17 23.08	270 27.53	N22 07.37	167 55.14	S04 56.96	172 51.06	08.99	N02 10.40	16.43	61.38
		v 1.99	d 0.35	v 1.00	d 0.64	v 2.06	d 0.11	v 2.43	d 0.00	v 0.19	d 0.96	SD	16.55	16.69		
		HP 0.40		HP 0.06						SD 15.99	HP 0.15					

Sunday October 06, 2002 through Monday October 07, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
06 00	014 28.90	153 55.03	S22 50.91	199 44.59	N03 28.36	238 56.50	N17 22.97	285 29.97	N22 07.37	182 55.32	S04 57.92	187 19.06	09.00	N01 53.97	16.45	61.38
01	029 31.36	168 57.10	S22 51.23	214 45.59	N03 27.72	253 58.56	N17 22.87	300 32.40	N22 07.37	197 55.51	S04 58.88	201 47.06	09.00	N01 37.53	16.46	61.39
02	044 33.83	183 59.17	S22 51.54	229 46.59	N03 27.09	269 00.63	N17 22.76	315 34.84	N22 07.37	212 55.69	S04 59.84	216 15.05	09.00	N01 21.07	16.47	61.40
03	059 36.29	199 01.25	S22 51.85	244 47.59	N03 26.45	284 02.70	N17 22.65	330 37.28	N22 07.37	227 55.87	S05 00.80	230 43.05	09.00	N01 04.59	16.48	61.40
04	074 38.76	214 03.33	S22 52.15	259 48.59	N03 25.81	299 04.76	N17 22.55	345 39.71	N22 07.36	242 56.06	S05 01.76	245 11.05	08.99	N00 48.11	16.49	61.41
05	089 41.22	229 05.42	S22 52.46	274 49.59	N03 25.18	314 06.83	N17 22.44	000 42.15	N22 07.36	257 56.24	S05 02.72	259 39.04	08.99	N00 31.62	16.50	61.41
06	104 43.68	244 07.51	S22 52.76	289 50.59	N03 24.54	329 08.89	N17 22.34	015 44.59	N22 07.36	272 56.43	S05 03.68	274 07.03	08.99	N00 15.12	16.50	61.42
07	119 46.15	259 09.60	S22 53.06	304 51.59	N03 23.91	344 10.96	N17 22.23	030 47.03	N22 07.36	287 56.61	S05 04.64	288 35.02	08.98	S00 01.38	16.50	61.42
08	134 48.61	274 11.70	S22 53.36	319 52.60	N03 23.27	359 13.03	N17 22.13	045 49.46	N22 07.35	302 56.80	S05 05.60	303 03.00	08.98	S00 17.88	16.50	61.43
09	149 51.08	289 13.80	S22 53.66	334 53.60	N03 22.63	014 15.09	N17 22.02	060 51.90	N22 07.35	317 56.98	S05 06.56	317 30.98	08.97	S00 34.39	16.50	61.43
10	164 53.54	304 15.90	S22 53.96	349 54.60	N03 22.00	029 17.16	N17 21.92	075 54.34	N22 07.35	332 57.16	S05 07.52	331 58.95	08.97	S00 50.89	16.50	61.43
11	179 56.00	319 18.01	S22 54.26	004 55.60	N03 21.36	044 19.23	N17 21.81	090 56.78	N22 07.35	347 57.35	S05 08.48	346 26.92	08.96	S01 07.39	16.49	61.43
12	194 58.47	334 20.12	S22 54.55	019 56.60	N03 20.72	059 21.29	N17 21.71	105 59.22	N22 07.34	002 57.53	S05 09.44	000 54.87	08.95	S01 23.88	16.49	61.43
13	210 00.93	349 22.23	S22 54.84	034 57.60	N03 20.09	074 23.36	N17 21.60	121 01.66	N22 07.34	017 57.71	S05 10.40	015 22.82	08.94	S01 40.37	16.48	61.43
14	225 03.40	004 24.35	S22 55.13	049 58.60	N03 19.45	089 25.43	N17 21.50	136 04.10	N22 07.34	032 57.89	S05 11.36	029 50.76	08.93	S01 56.84	16.46	61.43
15	240 05.86	019 26.47	S22 55.42	064 59.61	N03 18.81	104 27.50	N17 21.39	151 06.54	N22 07.34	047 58.08	S05 12.32	044 18.69	08.92	S02 13.30	16.45	61.43
16	255 08.32	034 28.59	S22 55.71	080 00.61	N03 18.18	119 29.57	N17 21.29	166 08.98	N22 07.34	062 58.26	S05 13.28	058 46.61	08.90	S02 29.76	16.43	61.43
17	270 10.79	049 30.72	S22 56.00	095 01.61	N03 17.54	134 31.63	N17 21.18	181 11.42	N22 07.33	077 58.44	S05 14.24	073 14.51	08.89	S02 46.19	16.42	61.43
18	285 13.25	064 32.85	S22 56.28	110 02.61	N03 16.91	149 33.70	N17 21.08	196 13.86	N22 07.33	092 58.62	S05 15.20	087 42.40	08.88	S03 02.61	16.40	61.42
19	300 15.72	079 34.99	S22 56.56	125 03.61	N03 16.27	164 35.77	N17 20.97	211 16.30	N22 07.33	107 58.81	S05 16.16	102 10.28	08.86	S03 19.00	16.38	61.42
20	315 18.18	094 37.13	S22 56.84	140 04.61	N03 15.63	179 37.84	N17 20.87	226 18.74	N22 07.33	122 58.99	S05 17.12	116 38.15	08.85	S03 35.38	16.35	61.42
21	330 20.64	109 39.27	S22 57.12	155 05.62	N03 15.00	194 39.91	N17 20.76	241 21.18	N22 07.32	137 59.17	S05 18.08	131 05.99	08.83	S03 51.73	16.33	61.41
22	345 23.11	124 41.42	S22 57.40	170 06.62	N03 14.36	209 41.98	N17 20.66	256 23.62	N22 07.32	152 59.35	S05 19.03	145 33.82	08.81	S04 08.06	16.30	61.41
23	000 25.57	139 43.57	S22 57.67	185 07.62	N03 13.72	224 44.05	N17 20.55	271 26.06	N22 07.32	167 59.53	S05 19.99	160 01.64	08.80	S04 24.35	16.27	61.40
07 00	015 28.04	154 45.72	S22 57.95	200 08.62	N03 13.09	239 46.12	N17 20.45	286 28.50	N22 07.32	182 59.71	S05 20.95	174 29.43	08.78	S04 40.62	16.24	61.40
01	030 30.50	169 47.88	S22 58.22	215 09.62	N03 12.45	254 48.19	N17 20.34	301 30.94	N22 07.32	197 59.89	S05 21.91	188 57.21	08.76	S04 56.86	16.20	61.39
02	045 32.96	184 50.04	S22 58.49	230 10.62	N03 11.81	269 50.26	N17 20.24	316 33.38	N22 07.31	213 00.07	S05 22.87	203 24.97	08.74	S05 13.06	16.17	61.38
03	060 35.43	199 52.21	S22 58.76	245 11.63	N03 11.17	284 52.33	N17 20.13	331 35.83	N22 07.31	228 00.25	S05 23.82	217 52.71	08.72	S05 29.23	16.13	61.37
04	075 37.89	214 54.38	S22 59.03	260 12.63	N03 10.54	299 54.40	N17 20.03	346 38.27	N22 07.31	243 00.43	S05 24.78	232 20.42	08.69	S05 45.36	16.09	61.36
05	090 40.36	229 56.55	S22 59.29	275 13.63	N03 09.90	314 56.47	N17 19.92	001 40.71	N22 07.31	258 00.61	S05 25.74	246 48.12	08.67	S06 01.45	16.05	61.35
06	105 42.82	244 58.72	S22 59.56	290 14.63	N03 09.26	329 58.54	N17 19.82	016 43.15	N22 07.30	273 00.79	S05 26.70	261 15.79	08.65	S06 17.50	16.00	61.34
07	120 45.28	260 00.90	S22 59.82	305 15.63	N03 08.63	345 00.61	N17 19.72	031 45.60	N22 07.30	288 00.97	S05 27.65	275 43.43	08.62	S06 33.50	15.96	61.33
08	135 47.75	275 03.09	S23 00.08	320 16.63	N03 07.99	000 02.68	N17 19.61	046 48.04	N22 07.30	303 01.15	S05 28.61	290 11.06	08.60	S06 49.46	15.91	61.32
09	150 50.21	290 05.27	S23 00.34	335 17.64	N03 07.35	015 04.76	N17 19.51	061 50.48	N22 07.30	318 01.33	S05 29.57	304 38.66	08.57	S07 05.37	15.86	61.31
10	165 52.68	305 07.46	S23 00.59	350 18.64	N03 06.72	030 06.83	N17 19.40	076 52.92	N22 07.29	333 01.51	S05 30.53	319 06.23	08.55	S07 21.23	15.81	61.30
11	180 55.14	320 09.66	S23 00.85	005 19.64	N03 06.08	045 08.90	N17 19.30	091 55.37	N22 07.29	348 01.69	S05 31.48	333 33.77	08.52	S07 37.04	15.76	61.29
12	195 57.61	335 11.86	S23 01.10	020 20.64	N03 05.44	060 10.97	N17 19.19	106 57.81	N22 07.29	003 01.87	S05 32.44	348 01.29	08.49	S07 52.80	15.70	61.27
13	211 00.07	350 14.06	S23 01.35	035 21.64	N03 04.81	075 13.04	N17 19.09	122 00.26	N22 07.29	018 02.05	S05 33.40	002 28.78	08.46	S08 08.50	15.64	61.26
14	226 02.53	005 16.26	S23 01.60	050 22.65	N03 04.17	090 15.12	N17 18.99	137 02.70	N22 07.29	033 02.23	S05 34.35	016 56.25	08.43	S08 24.15	15.59	61.25
15	241 05.00	020 18.47	S23 01.85	065 23.65	N03 03.53	105 17.19	N17 18.88	152 05.14	N22 07.28	048 02.41	S05 35.31	031 23.68	08.40	S08 39.73	15.52	61.23
16	256 07.46	035 20.69	S23 02.10	080 24.65	N03 02.89	120 19.26	N17 18.78	167 07.59	N22 07.28	063 02.58	S05 36.27	045 51.09	08.37	S08 55.26	15.46	61.21
17	271 09.93	050 22.90	S23 02.34	095 25.65	N03 02.26	135 21.34	N17 18.67	182 10.03	N22 07.28	078 02.76	S05 37.22	060 18.46	08.34	S09 10.72	15.40	61.20
18	286 12.39	065 25.12	S23 02.59	110 26.65	N03 01.62	150 23.41	N17 18.57	197 12.48	N22 07.28	093 02.94	S05 38.18	074 45.80	08.31	S09 26.12	15.33	61.18
19	301 14.85	080 27.35	S23 02.83	125 27.66	N03 00.98	165 25.48	N17 18.47	212 14.92	N22 07.27	108 03.12	S05 39.13	089 13.11	08.28	S09 41.45	15.26	61.17
20	316 17.32	095 29.58	S23 03.07	140 28.66	N03 00.34	180 27.56	N17 18.36	227 17.37	N22 07.27	123 03.30	S05 40.09	103 40.39	08.25	S09 56.71	15.19	61.15
21	331 19.78	110 31.81	S23 03.30	155 29.66	N02 59.71	195 29.63	N17 18.26	242 19.82	N22 07.27	138 03.47	S05 41.05	118 07.64	08.21	S10 11.90	15.12	61.13
22	346 22.25	125 34.04	S23 03.54	170 30.66	N02 59.07	210 31.71	N17 18.15	257 22.26	N22 07.27	153 03.65	S05 42.00	132 34.85	08.18	S10 27.02	15.04	61.11
23	001 24.71	140 36.28	S23 03.77	185 31.67	N02 58.43	225 33.78	N17 18.05	272 24.71	N22 07.26	168 03.83	S05 42.96	147 02.03	08.14	S10 42.06	14.97	61.09
		v 2.16	d 0.27	v 1.00	d 0.64	v 2.07	d 0.10	v 2.44	d 0.00	v 0.18	d 0.96	SD	16.74	16.70		
		HP 0.42		HP 0.06						SD 16.00	HP 0.15					

Tuesday October 08, 2002 through Wednesday October 09, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
08 00	016 27.17	155 38.52	S23 04.01	200 32.67	N02 57.80	240 35.85	N17 17.95	287 27.15	N22 07.26	183 04.00	S05 43.91	161 29.17	08.11	S10 57.03	14.89	61.07
01	031 29.64	170 40.77	S23 04.24	215 33.67	N02 57.16	255 37.93	N17 17.84	302 29.60	N22 07.26	198 04.18	S05 44.87	175 56.28	08.07	S11 11.93	14.81	61.05
02	046 32.10	185 43.02	S23 04.47	230 34.67	N02 56.52	270 40.00	N17 17.74	317 32.05	N22 07.26	213 04.36	S05 45.82	190 23.36	08.04	S11 26.74	14.73	61.03
03	061 34.57	200 45.27	S23 04.69	245 35.67	N02 55.88	285 42.08	N17 17.64	332 34.49	N22 07.26	228 04.53	S05 46.78	204 50.40	08.00	S11 41.47	14.65	61.01
04	076 37.03	215 47.53	S23 04.92	260 36.68	N02 55.25	300 44.15	N17 17.53	347 36.94	N22 07.25	243 04.71	S05 47.73	219 17.40	07.97	S11 56.11	14.56	60.99
05	091 39.49	230 49.79	S23 05.14	275 37.68	N02 54.61	315 46.23	N17 17.43	002 39.39	N22 07.25	258 04.89	S05 48.69	233 44.37	07.93	S12 10.68	14.48	60.97
06	106 41.96	245 52.06	S23 05.37	290 38.68	N02 53.97	330 48.31	N17 17.33	017 41.84	N22 07.25	273 05.06	S05 49.64	248 11.29	07.89	S12 25.15	14.39	60.94
07	121 44.42	260 54.33	S23 05.59	305 39.68	N02 53.33	345 50.38	N17 17.22	032 44.28	N22 07.25	288 05.24	S05 50.60	262 38.19	07.85	S12 39.54	14.30	60.92
08	136 46.89	275 56.60	S23 05.80	320 40.69	N02 52.70	000 52.46	N17 17.12	047 46.73	N22 07.24	303 05.41	S05 51.55	277 05.04	07.82	S12 53.84	14.21	60.90
09	151 49.35	290 58.88	S23 06.02	335 41.69	N02 52.06	015 54.53	N17 17.02	062 49.18	N22 07.24	318 05.59	S05 52.50	291 31.86	07.78	S13 08.04	14.11	60.87
10	166 51.81	306 01.16	S23 06.24	350 42.69	N02 51.42	030 56.61	N17 16.91	077 51.63	N22 07.24	333 05.76	S05 53.46	305 58.63	07.74	S13 22.16	14.02	60.85
11	181 54.28	321 03.44	S23 06.45	005 43.69	N02 50.78	045 58.69	N17 16.81	092 54.08	N22 07.24	348 05.94	S05 54.41	320 25.37	07.70	S13 36.17	13.92	60.82
12	196 56.74	336 05.73	S23 06.66	020 44.70	N02 50.14	061 00.77	N17 16.71	107 56.53	N22 07.23	003 06.11	S05 55.37	334 52.07	07.66	S13 50.09	13.82	60.80
13	211 59.21	351 08.02	S23 06.87	035 45.70	N02 49.51	076 02.84	N17 16.60	122 58.97	N22 07.23	018 06.29	S05 56.32	349 18.74	07.62	S14 03.91	13.72	60.77
14	227 01.67	006 10.32	S23 07.08	050 46.70	N02 48.87	091 04.92	N17 16.50	138 01.42	N22 07.23	033 06.46	S05 57.27	003 45.36	07.58	S14 17.63	13.62	60.75
15	242 04.14	021 12.62	S23 07.28	065 47.70	N02 48.23	106 07.00	N17 16.40	153 03.87	N22 07.23	048 06.63	S05 58.23	018 11.94	07.54	S14 31.25	13.52	60.72
16	257 06.60	036 14.92	S23 07.49	080 48.71	N02 47.59	121 09.08	N17 16.30	168 06.32	N22 07.22	063 06.81	S05 59.18	032 38.48	07.50	S14 44.77	13.41	60.69
17	272 09.06	051 17.23	S23 07.69	095 49.71	N02 46.96	136 11.15	N17 16.19	183 08.77	N22 07.22	078 06.98	S06 00.13	047 04.99	07.46	S14 58.18	13.30	60.67
18	287 11.53	066 19.54	S23 07.89	110 50.71	N02 46.32	151 13.23	N17 16.09	198 11.22	N22 07.22	093 07.16	S06 01.08	061 31.45	07.42	S15 11.49	13.20	60.64
19	302 13.99	081 21.85	S23 08.09	125 51.71	N02 45.68	166 15.31	N17 15.99	213 13.67	N22 07.22	108 07.33	S06 02.04	075 57.87	07.38	S15 24.68	13.09	60.61
20	317 16.46	096 24.17	S23 08.28	140 52.72	N02 45.04	181 17.39	N17 15.88	228 16.12	N22 07.22	123 07.50	S06 02.99	090 24.26	07.34	S15 37.77	12.98	60.58
21	332 18.92	111 26.49	S23 08.48	155 53.72	N02 44.40	196 19.47	N17 15.78	243 18.57	N22 07.21	138 07.68	S06 03.94	104 50.60	07.30	S15 50.74	12.86	60.55
22	347 21.38	126 28.82	S23 08.67	170 54.72	N02 43.77	211 21.55	N17 15.68	258 21.03	N22 07.21	153 07.85	S06 04.89	119 16.90	07.26	S16 03.61	12.75	60.52
23	002 23.85	141 31.15	S23 08.86	185 55.72	N02 43.13	226 23.63	N17 15.58	273 23.48	N22 07.21	168 08.02	S06 05.85	133 43.17	07.22	S16 16.35	12.63	60.49
09 00	017 26.31	156 33.48	S23 09.05	200 56.73	N02 42.49	241 25.71	N17 15.47	288 25.93	N22 07.21	183 08.19	S06 06.80	148 09.39	07.18	S16 28.99	12.52	60.46
01	032 28.78	171 35.82	S23 09.24	215 57.73	N02 41.85	256 27.79	N17 15.37	303 28.38	N22 07.20	198 08.37	S06 07.75	162 35.58	07.14	S16 41.50	12.40	60.43
02	047 31.24	186 38.16	S23 09.43	230 58.73	N02 41.21	271 29.87	N17 15.27	318 30.83	N22 07.20	213 08.54	S06 08.70	177 01.72	07.10	S16 53.90	12.28	60.40
03	062 33.70	201 40.51	S23 09.61	245 59.73	N02 40.58	286 31.95	N17 15.17	333 33.28	N22 07.20	228 08.71	S06 09.65	191 27.83	07.07	S17 06.18	12.16	60.37
04	077 36.17	216 42.86	S23 09.79	261 00.74	N02 39.94	301 34.03	N17 15.06	348 35.74	N22 07.20	243 08.88	S06 10.61	205 53.89	07.03	S17 18.33	12.03	60.34
05	092 38.63	231 45.21	S23 09.97	276 01.74	N02 39.30	316 36.11	N17 14.96	003 38.19	N22 07.19	258 09.05	S06 11.56	220 19.92	06.99	S17 30.36	11.91	60.31
06	107 41.10	246 47.57	S23 10.15	291 02.74	N02 38.66	331 38.19	N17 14.86	018 40.64	N22 07.19	273 09.22	S06 12.51	234 45.90	06.95	S17 42.27	11.78	60.27
07	122 43.56	261 49.93	S23 10.33	306 03.74	N02 38.02	346 40.27	N17 14.76	033 43.09	N22 07.19	288 09.40	S06 13.46	249 11.85	06.91	S17 54.06	11.66	60.24
08	137 46.03	276 52.29	S23 10.50	321 04.75	N02 37.39	001 42.35	N17 14.66	048 45.55	N22 07.19	303 09.57	S06 14.41	263 37.76	06.87	S18 05.71	11.53	60.21
09	152 48.49	291 54.66	S23 10.67	336 05.75	N02 36.75	016 44.43	N17 14.55	063 48.00	N22 07.18	318 09.74	S06 15.36	278 03.64	06.83	S18 17.24	11.40	60.18
10	167 50.95	306 57.03	S23 10.85	351 06.75	N02 36.11	031 46.51	N17 14.45	078 50.45	N22 07.18	333 09.91	S06 16.31	292 29.47	06.80	S18 28.64	11.27	60.14
11	182 53.42	321 59.41	S23 11.02	006 07.76	N02 35.47	046 48.59	N17 14.35	093 52.91	N22 07.18	348 10.08	S06 17.26	306 55.27	06.76	S18 39.91	11.14	60.11
12	197 55.88	337 01.79	S23 11.18	021 08.76	N02 34.83	061 50.68	N17 14.25	108 55.36	N22 07.18	003 10.25	S06 18.21	321 21.03	06.72	S18 51.05	11.00	60.08
13	212 58.35	352 04.17	S23 11.35	036 09.76	N02 34.19	076 52.76	N17 14.15	123 57.81	N22 07.18	018 10.42	S06 19.16	335 46.75	06.69	S19 02.05	10.87	60.04
14	228 00.81	007 06.56	S23 11.51	051 10.76	N02 33.56	091 54.84	N17 14.04	139 00.27	N22 07.17	033 10.59	S06 20.11	350 12.44	06.65	S19 12.92	10.73	60.01
15	243 03.27	022 08.95	S23 11.67	066 11.77	N02 32.92	106 56.92	N17 13.94	154 02.72	N22 07.17	048 10.76	S06 21.06	004 38.09	06.62	S19 23.65	10.60	59.97
16	258 05.74	037 11.35	S23 11.83	081 12.77	N02 32.28	121 59.01	N17 13.84	169 05.18	N22 07.17	063 10.93	S06 22.01	019 03.71	06.58	S19 34.25	10.46	59.94
17	273 08.20	052 13.75	S23 11.99	096 13.77	N02 31.64	137 01.09	N17 13.74	184 07.63	N22 07.17	078 11.10	S06 22.96	033 29.29	06.55	S19 44.71	10.32	59.90
18	288 10.67	067 16.15	S23 12.15	111 14.78	N02 31.00	152 03.17	N17 13.64	199 10.09	N22 07.16	093 11.27	S06 23.91	047 54.84	06.52	S19 55.04	10.18	59.87
19	303 13.13	082 18.56	S23 12.30	126 15.78	N02 30.36	167 05.26	N17 13.53	214 12.54	N22 07.16	108 11.43	S06 24.86	062 20.35	06.48	S20 05.22	10.04	59.83
20	318 15.59	097 20.97	S23 12.45	141 16.78	N02 29.73	182 07.34	N17 13.43	229 15.00	N22 07.16	123 11.60	S06 25.81	076 45.84	06.45	S20 15.26	09.90	59.79
21	333 18.06	112 23.38	S23 12.60	156 17.79	N02 29.09	197 09.42	N17 13.33	244 17.45	N22 07.16	138 11.77	S06 26.76	091 11.29	06.42	S20 25.16	09.76	59.76
22	348 20.52	127 25.80	S23 12.75	171 18.79	N02 28.45	212 11.51	N17 13.23	259 19.91	N22 07.15	153 11.94	S06 27.71	105 36.71	06.39	S20 34.91	09.61	59.72
23	003 22.99	142 28.23	S23 12.90	186 19.79	N02 27.81	227 13.59	N17 13.13	274 22.37	N22 07.15	168 12.11	S06 28.66	120 02.09	06.36	S20 44.53	09.47	59.69
		v 2.34	d 0.19	v 1.00	d 0.64	v 2.08	d 0.10	v 2.45	d 0.00	v 0.17	d 0.95	SD	16.57	16.37		
		HP 0.43		HP 0.06						SD 16.01	HP 0.15					

Thursday October 10, 2002 through Friday October 11, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
10 00	018 25.45	157 30.65	S23 13.04	201 20.79	N02 27.17	242 15.68	N17 13.03	289 24.82	N22 07.15	183 12.28	S06 29.61	134 27.45	06.33	S20 54.00	09.32	59.65
01	033 27.92	172 33.08	S23 13.19	216 21.80	N02 26.53	257 17.76	N17 12.93	304 27.28	N22 07.15	198 12.44	S06 30.55	148 52.78	06.30	S21 03.32	09.18	59.61
02	048 30.38	187 35.52	S23 13.33	231 22.80	N02 25.89	272 19.85	N17 12.82	319 29.74	N22 07.15	213 12.61	S06 31.50	163 18.09	06.27	S21 12.50	09.03	59.58
03	063 32.84	202 37.96	S23 13.46	246 23.80	N02 25.26	287 21.93	N17 12.72	334 32.19	N22 07.14	228 12.78	S06 32.45	177 43.36	06.25	S21 21.52	08.88	59.54
04	078 35.31	217 40.40	S23 13.60	261 24.81	N02 24.62	302 24.02	N17 12.62	349 34.65	N22 07.14	243 12.95	S06 33.40	192 08.61	06.22	S21 30.41	08.73	59.50
05	093 37.77	232 42.85	S23 13.74	276 25.81	N02 23.98	317 26.10	N17 12.52	004 37.11	N22 07.14	258 13.11	S06 34.35	206 33.83	06.20	S21 39.14	08.58	59.46
06	108 40.24	247 45.30	S23 13.87	291 26.81	N02 23.34	332 28.19	N17 12.42	019 39.56	N22 07.14	273 13.28	S06 35.29	220 59.03	06.17	S21 47.72	08.43	59.42
07	123 42.70	262 47.75	S23 14.00	306 27.82	N02 22.70	347 30.27	N17 12.32	034 42.02	N22 07.13	288 13.45	S06 36.24	235 24.20	06.15	S21 56.15	08.28	59.39
08	138 45.16	277 50.21	S23 14.13	321 28.82	N02 22.06	002 32.36	N17 12.22	049 44.48	N22 07.13	303 13.61	S06 37.19	249 49.35	06.13	S22 04.43	08.13	59.35
09	153 47.63	292 52.67	S23 14.26	336 29.82	N02 21.42	017 34.45	N17 12.12	064 46.94	N22 07.13	318 13.78	S06 38.14	264 14.48	06.11	S22 12.56	07.98	59.31
10	168 50.09	307 55.14	S23 14.38	351 30.83	N02 20.78	032 36.53	N17 12.02	079 49.40	N22 07.13	333 13.94	S06 39.08	278 39.59	06.09	S22 20.53	07.82	59.27
11	183 52.56	322 57.61	S23 14.51	006 31.83	N02 20.15	047 38.62	N17 11.92	094 51.86	N22 07.12	348 14.11	S06 40.03	293 04.68	06.07	S22 28.36	07.67	59.23
12	198 55.02	338 00.08	S23 14.63	021 32.83	N02 19.51	062 40.71	N17 11.81	109 54.31	N22 07.12	003 14.28	S06 40.98	307 29.75	06.05	S22 36.02	07.51	59.20
13	213 57.49	353 02.56	S23 14.75	036 33.84	N02 18.87	077 42.79	N17 11.71	124 56.77	N22 07.12	018 14.44	S06 41.92	321 54.81	06.04	S22 43.54	07.36	59.16
14	228 59.95	008 05.04	S23 14.87	051 34.84	N02 18.23	092 44.88	N17 11.61	139 59.23	N22 07.12	033 14.61	S06 42.87	336 19.85	06.02	S22 50.90	07.20	59.12
15	244 02.41	023 07.52	S23 14.98	066 35.84	N02 17.59	107 46.97	N17 11.51	155 01.69	N22 07.11	048 14.77	S06 43.82	350 44.87	06.01	S22 58.10	07.05	59.08
16	259 04.88	038 10.01	S23 15.09	081 36.85	N02 16.95	122 49.06	N17 11.41	170 04.15	N22 07.11	063 14.94	S06 44.76	005 09.88	06.00	S23 05.15	06.89	59.04
17	274 07.34	053 12.51	S23 15.21	096 37.85	N02 16.31	137 51.14	N17 11.31	185 06.61	N22 07.11	078 15.10	S06 45.71	019 34.87	05.98	S23 12.03	06.73	59.00
18	289 09.81	068 15.01	S23 15.32	111 38.85	N02 15.67	152 53.23	N17 11.21	200 09.07	N22 07.11	093 15.27	S06 46.65	033 59.86	05.97	S23 18.77	06.57	58.96
19	304 12.27	083 17.51	S23 15.42	126 39.86	N02 15.03	167 55.32	N17 11.11	215 11.53	N22 07.11	108 15.43	S06 47.60	048 24.83	05.97	S23 25.34	06.42	58.92
20	319 14.73	098 20.01	S23 15.53	141 40.86	N02 14.40	182 57.41	N17 11.01	230 13.99	N22 07.10	123 15.59	S06 48.54	062 49.80	05.96	S23 31.76	06.26	58.88
21	334 17.20	113 22.52	S23 15.63	156 41.86	N02 13.76	197 59.50	N17 10.91	245 16.45	N22 07.10	138 15.76	S06 49.49	077 14.75	05.95	S23 38.02	06.10	58.84
22	349 19.66	128 25.03	S23 15.74	171 42.87	N02 13.12	213 01.59	N17 10.81	260 18.91	N22 07.10	153 15.92	S06 50.44	091 39.70	05.95	S23 44.12	05.94	58.80
23	004 22.13	143 27.55	S23 15.84	186 43.87	N02 12.48	228 03.68	N17 10.71	275 21.38	N22 07.10	168 16.08	S06 51.38	106 04.65	05.94	S23 50.06	05.78	58.77
11 00	019 24.59	158 30.07	S23 15.93	201 44.87	N02 11.84	243 05.77	N17 10.61	290 23.84	N22 07.09	183 16.25	S06 52.32	120 29.59	05.94	S23 55.84	05.62	58.73
01	034 27.06	173 32.60	S23 16.03	216 45.88	N02 11.20	258 07.86	N17 10.51	305 26.30	N22 07.09	198 16.41	S06 53.27	134 54.53	05.94	S24 01.46	05.46	58.69
02	049 29.52	188 35.13	S23 16.12	231 46.88	N02 10.56	273 09.95	N17 10.41	320 28.76	N22 07.09	213 16.57	S06 54.21	149 19.47	05.94	S24 06.92	05.30	58.65
03	064 31.98	203 37.66	S23 16.22	246 47.88	N02 09.92	288 12.04	N17 10.31	335 31.22	N22 07.09	228 16.74	S06 55.16	163 44.41	05.94	S24 12.22	05.14	58.61
04	079 34.45	218 40.20	S23 16.31	261 48.89	N02 09.28	303 14.13	N17 10.21	350 33.68	N22 07.08	243 16.90	S06 56.10	178 09.35	05.94	S24 17.36	04.98	58.57
05	094 36.91	233 42.74	S23 16.39	276 49.89	N02 08.64	318 16.22	N17 10.11	005 36.15	N22 07.08	258 17.06	S06 57.05	192 34.29	05.95	S24 22.34	04.82	58.53
06	109 39.38	248 45.28	S23 16.48	291 50.89	N02 08.01	333 18.31	N17 10.01	020 38.61	N22 07.08	273 17.22	S06 57.99	206 59.24	05.95	S24 27.16	04.66	58.49
07	124 41.84	263 47.83	S23 16.56	306 51.90	N02 07.37	348 20.40	N17 09.91	035 41.07	N22 07.08	288 17.38	S06 58.93	221 24.20	05.96	S24 31.82	04.50	58.45
08	139 44.30	278 50.39	S23 16.65	321 52.90	N02 06.73	003 22.49	N17 09.81	050 43.53	N22 07.08	303 17.55	S06 59.88	235 49.16	05.97	S24 36.32	04.34	58.41
09	154 46.77	293 52.94	S23 16.73	336 53.90	N02 06.09	018 24.58	N17 09.71	065 46.00	N22 07.07	318 17.71	S07 00.82	250 14.13	05.98	S24 40.66	04.18	58.37
10	169 49.23	308 55.50	S23 16.80	351 54.91	N02 05.45	033 26.67	N17 09.61	080 48.46	N22 07.07	333 17.87	S07 01.76	264 39.11	05.99	S24 44.84	04.02	58.33
11	184 51.70	323 58.07	S23 16.88	006 55.91	N02 04.81	048 28.77	N17 09.51	095 50.92	N22 07.07	348 18.03	S07 02.71	279 04.10	06.00	S24 48.85	03.85	58.29
12	199 54.16	339 00.64	S23 16.95	021 56.91	N02 04.17	063 30.86	N17 09.41	110 53.39	N22 07.07	003 18.19	S07 03.65	293 29.10	06.02	S24 52.70	03.69	58.25
13	214 56.63	354 03.21	S23 17.03	036 57.92	N02 03.53	078 32.95	N17 09.31	125 55.85	N22 07.06	018 18.35	S07 04.59	307 54.12	06.04	S24 56.40	03.53	58.21
14	229 59.09	009 05.79	S23 17.10	051 58.92	N02 02.89	093 35.04	N17 09.21	140 58.32	N22 07.06	033 18.51	S07 05.53	322 19.16	06.05	S24 59.93	03.37	58.17
15	245 01.55	024 08.37	S23 17.16	066 59.92	N02 02.25	108 37.14	N17 09.11	156 00.78	N22 07.06	048 18.67	S07 06.48	336 44.21	06.07	S25 03.30	03.21	58.13
16	260 04.02	039 10.95	S23 17.23	082 00.93	N02 01.61	123 39.23	N17 09.01	171 03.25	N22 07.06	063 18.83	S07 07.42	351 09.28	06.09	S25 06.51	03.05	58.09
17	275 06.48	054 13.54	S23 17.29	097 01.93	N02 00.97	138 41.32	N17 08.91	186 05.71	N22 07.05	078 18.99	S07 08.36	005 34.38	06.11	S25 09.56	02.89	58.05
18	290 08.95	069 16.14	S23 17.36	112 02.94	N02 00.34	153 43.41	N17 08.81	201 08.18	N22 07.05	093 19.15	S07 09.30	019 59.49	06.14	S25 12.46	02.73	58.02
19	305 11.41	084 18.73	S23 17.42	127 03.94	N01 59.70	168 45.51	N17 08.71	216 10.64	N22 07.05	108 19.31	S07 10.24	034 24.63	06.16	S25 15.19	02.57	57.98
20	320 13.87	099 21.33	S23 17.47	142 04.94	N01 59.06	183 47.60	N17 08.62	231 13.11	N22 07.05	123 19.47	S07 11.19	048 49.79	06.19	S25 17.76	02.41	57.94
21	335 16.34	114 23.94	S23 17.53	157 05.95	N01 58.42	198 49.70	N17 08.52	246 15.57	N22 07.04	138 19.63	S07 12.13	063 14.98	06.22	S25 20.17	02.25	57.90
22	350 18.80	129 26.55	S23 17.58	172 06.95	N01 57.78	213 51.79	N17 08.42	261 18.04	N22 07.04	153 19.79	S07 13.07	077 40.20	06.25	S25 22.42	02.09	57.86
23	005 21.27	144 29.16	S23 17.63	187 07.95	N01 57.14	228 53.88	N17 08.32	276 20.50	N22 07.04	168 19.95	S07 14.01	092 05.45	06.28	S25 24.51	01.93	57.82
		v 2.53	d 0.10	v 1.00	d 0.64	v 2.09	d 0.10	v 2.46	d 0.00	v 0.16	d 0.94	SD	16.13	15.88		
		HP 0.44		HP 0.06						SD 16.02	HP 0.15					

Saturday October 12, 2002 through Sunday October 13, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
12 00	020 23.73	159 31.78	S23 17.68	202 08.96	N01 56.50	243 55.98	N17 08.22	291 22.97	N22 07.04	183 20.10	S07 14.95	106 30.72	06.31	S25 26.45	01.78	57.78
01	035 26.20	174 34.40	S23 17.73	217 09.96	N01 55.86	258 58.07	N17 08.12	306 25.44	N22 07.04	198 20.26	S07 15.89	120 56.03	06.34	S25 28.22	01.62	57.74
02	050 28.66	189 37.02	S23 17.78	232 10.97	N01 55.22	274 00.17	N17 08.02	321 27.90	N22 07.03	213 20.42	S07 16.83	135 21.38	06.38	S25 29.84	01.46	57.70
03	065 31.12	204 39.65	S23 17.82	247 11.97	N01 54.58	289 02.26	N17 07.92	336 30.37	N22 07.03	228 20.58	S07 17.77	149 46.76	06.42	S25 31.30	01.30	57.67
04	080 33.59	219 42.29	S23 17.86	262 12.97	N01 53.94	304 04.36	N17 07.82	351 32.84	N22 07.03	243 20.74	S07 18.71	164 12.17	06.45	S25 32.60	01.15	57.63
05	095 36.05	234 44.92	S23 17.90	277 13.98	N01 53.30	319 06.46	N17 07.73	006 35.31	N22 07.03	258 20.89	S07 19.65	178 37.62	06.49	S25 33.75	00.99	57.59
06	110 38.52	249 47.56	S23 17.94	292 14.98	N01 52.66	334 08.55	N17 07.63	021 37.77	N22 07.02	273 21.05	S07 20.59	193 03.12	06.53	S25 34.74	00.83	57.55
07	125 40.98	264 50.21	S23 17.97	307 15.98	N01 52.02	349 10.65	N17 07.53	036 40.24	N22 07.02	288 21.21	S07 21.53	207 28.65	06.58	S25 35.57	00.68	57.51
08	140 43.45	279 52.86	S23 18.01	322 16.99	N01 51.38	004 12.74	N17 07.43	051 42.71	N22 07.02	303 21.36	S07 22.47	221 54.23	06.62	S25 36.25	00.52	57.47
09	155 45.91	294 55.51	S23 18.04	337 17.99	N01 50.74	019 14.84	N17 07.33	066 45.18	N22 07.02	318 21.52	S07 23.41	236 19.85	06.66	S25 36.77	00.37	57.44
10	170 48.37	309 58.17	S23 18.07	352 19.00	N01 50.10	034 16.94	N17 07.23	081 47.65	N22 07.01	333 21.68	S07 24.35	250 45.51	06.71	S25 37.14	00.22	57.40
11	185 50.84	325 00.83	S23 18.09	007 20.00	N01 49.46	049 19.03	N17 07.13	096 50.11	N22 07.01	348 21.83	S07 25.29	265 11.22	06.76	S25 37.36	00.06	57.36
12	200 53.30	340 03.49	S23 18.12	022 21.00	N01 48.83	064 21.13	N17 07.04	111 52.58	N22 07.01	003 21.99	S07 26.22	279 36.98	06.81	S25 37.42	00.09	57.32
13	215 55.77	355 06.16	S23 18.14	037 22.01	N01 48.19	079 23.23	N17 06.94	126 55.05	N22 07.01	018 22.14	S07 27.16	294 02.79	06.86	S25 37.33	00.24	57.29
14	230 58.23	010 08.84	S23 18.16	052 23.01	N01 47.55	094 25.33	N17 06.84	141 57.52	N22 07.01	033 22.30	S07 28.10	308 28.64	06.91	S25 37.09	00.39	57.25
15	246 00.69	025 11.51	S23 18.18	067 24.01	N01 46.91	109 27.42	N17 06.74	156 59.99	N22 07.00	048 22.45	S07 29.04	322 54.55	06.96	S25 36.70	00.54	57.21
16	261 03.16	040 14.19	S23 18.20	082 25.02	N01 46.27	124 29.52	N17 06.64	172 02.46	N22 07.00	063 22.61	S07 29.98	337 20.51	07.02	S25 36.15	00.69	57.18
17	276 05.62	055 16.88	S23 18.21	097 26.02	N01 45.63	139 31.62	N17 06.54	187 04.93	N22 07.00	078 22.76	S07 30.92	351 46.53	07.07	S25 35.46	00.84	57.14
18	291 08.09	070 19.57	S23 18.22	112 27.03	N01 44.99	154 33.72	N17 06.45	202 07.40	N22 07.00	093 22.92	S07 31.85	006 12.60	07.13	S25 34.62	00.99	57.10
19	306 10.55	085 22.26	S23 18.23	127 28.03	N01 44.35	169 35.82	N17 06.35	217 09.87	N22 06.99	108 23.07	S07 32.79	020 38.73	07.19	S25 33.62	01.14	57.07
20	321 13.02	100 24.96	S23 18.24	142 29.03	N01 43.71	184 37.92	N17 06.25	232 12.34	N22 06.99	123 23.23	S07 33.73	035 04.91	07.24	S25 32.48	01.29	57.03
21	336 15.48	115 27.66	S23 18.25	157 30.04	N01 43.07	199 40.02	N17 06.15	247 14.81	N22 06.99	138 23.38	S07 34.66	049 31.16	07.30	S25 31.20	01.43	56.99
22	351 17.94	130 30.37	S23 18.25	172 31.04	N01 42.43	214 42.12	N17 06.05	262 17.28	N22 06.99	153 23.53	S07 35.60	063 57.46	07.37	S25 29.76	01.58	56.96
23	006 20.41	145 33.08	S23 18.25	187 32.05	N01 41.79	229 44.21	N17 05.96	277 19.75	N22 06.98	168 23.69	S07 36.54	078 23.83	07.43	S25 28.19	01.72	56.92
13 00	021 22.87	160 35.79	S23 18.25	202 33.05	N01 41.15	244 46.31	N17 05.86	292 22.23	N22 06.98	183 23.84	S07 37.47	092 50.25	07.49	S25 26.46	01.87	56.89
01	036 25.34	175 38.51	S23 18.25	217 34.05	N01 40.51	259 48.41	N17 05.76	307 24.70	N22 06.98	198 23.99	S07 38.41	107 16.75	07.55	S25 24.59	02.01	56.85
02	051 27.80	190 41.23	S23 18.24	232 35.06	N01 39.87	274 50.51	N17 05.66	322 27.17	N22 06.98	213 24.15	S07 39.35	121 43.30	07.62	S25 22.58	02.15	56.82
03	066 30.26	205 43.95	S23 18.24	247 36.06	N01 39.23	289 52.62	N17 05.57	337 29.64	N22 06.98	228 24.30	S07 40.28	136 09.92	07.69	S25 20.43	02.29	56.78
04	081 32.73	220 46.68	S23 18.23	262 37.06	N01 38.59	304 54.72	N17 05.47	352 32.11	N22 06.97	243 24.45	S07 41.22	150 36.61	07.75	S25 18.14	02.44	56.75
05	096 35.19	235 49.42	S23 18.22	277 38.07	N01 37.95	319 56.82	N17 05.37	007 34.59	N22 06.97	258 24.60	S07 42.15	165 03.36	07.82	S25 15.70	02.57	56.71
06	111 37.66	250 52.15	S23 18.20	292 39.07	N01 37.31	334 58.92	N17 05.27	022 37.06	N22 06.97	273 24.76	S07 43.09	179 30.18	07.89	S25 13.13	02.71	56.68
07	126 40.12	265 54.90	S23 18.19	307 40.08	N01 36.67	350 01.02	N17 05.18	037 39.53	N22 06.97	288 24.91	S07 44.02	193 57.07	07.96	S25 10.41	02.85	56.64
08	141 42.59	280 57.64	S23 18.17	322 41.08	N01 36.03	005 03.12	N17 05.08	052 42.00	N22 06.96	303 25.06	S07 44.96	208 24.04	08.03	S25 07.56	02.99	56.61
09	156 45.05	296 00.39	S23 18.15	337 42.08	N01 35.39	020 05.22	N17 04.98	067 44.48	N22 06.96	318 25.21	S07 45.89	222 51.07	08.10	S25 04.57	03.13	56.57
10	171 47.51	311 03.14	S23 18.13	352 43.09	N01 34.75	035 07.32	N17 04.89	082 46.95	N22 06.96	333 25.36	S07 46.83	237 18.17	08.18	S25 01.45	03.26	56.54
11	186 49.98	326 05.90	S23 18.10	007 44.09	N01 34.11	050 09.43	N17 04.79	097 49.42	N22 06.96	348 25.51	S07 47.76	251 45.35	08.25	S24 58.19	03.40	56.51
12	201 52.44	341 08.66	S23 18.08	022 45.10	N01 33.47	065 11.53	N17 04.69	112 51.90	N22 06.95	003 25.66	S07 48.70	266 12.60	08.32	S24 54.79	03.53	56.47
13	216 54.91	356 11.43	S23 18.05	037 46.10	N01 32.83	080 13.63	N17 04.59	127 54.37	N22 06.95	018 25.81	S07 49.63	280 39.93	08.40	S24 51.26	03.66	56.44
14	231 57.37	011 14.20	S23 18.02	052 47.10	N01 32.19	095 15.73	N17 04.50	142 56.85	N22 06.95	033 25.96	S07 50.56	295 07.32	08.48	S24 47.60	03.79	56.41
15	246 59.83	026 16.97	S23 17.98	067 48.11	N01 31.55	110 17.84	N17 04.40	157 59.32	N22 06.95	048 26.11	S07 51.50	309 34.80	08.55	S24 43.81	03.92	56.37
16	262 02.30	041 19.75	S23 17.95	082 49.11	N01 30.91	125 19.94	N17 04.30	173 01.80	N22 06.95	063 26.26	S07 52.43	324 02.35	08.63	S24 39.89	04.05	56.34
17	277 04.76	056 22.53	S23 17.91	097 50.12	N01 30.27	140 22.04	N17 04.21	188 04.27	N22 06.94	078 26.41	S07 53.36	338 29.98	08.71	S24 35.83	04.18	56.31
18	292 07.23	071 25.32	S23 17.87	112 51.12	N01 29.63	155 24.15	N17 04.11	203 06.75	N22 06.94	093 26.56	S07 54.30	352 57.69	08.78	S24 31.65	04.31	56.28
19	307 09.69	086 28.11	S23 17.83	127 52.12	N01 28.99	170 26.25	N17 04.01	218 09.22	N22 06.94	108 26.71	S07 55.23	007 25.47	08.86	S24 27.34	04.44	56.24
20	322 12.15	101 30.90	S23 17.79	142 53.13	N01 28.35	185 28.36	N17 03.92	233 11.70	N22 06.94	123 26.86	S07 56.16	021 53.33	08.94	S24 22.91	04.56	56.21
21	337 14.62	116 33.70	S23 17.74	157 54.13	N01 27.71	200 30.46	N17 03.82	248 14.17	N22 06.93	138 27.01	S07 57.10	036 21.28	09.02	S24 18.34	04.69	56.18
22	352 17.08	131 36.50	S23 17.69	172 55.14	N01 27.07	215 32.56	N17 03.72	263 16.65	N22 06.93	153 27.16	S07 58.03	050 49.30	09.10	S24 13.66	04.81	56.15
23	007 19.55	146 39.31	S23 17.64	187 56.14	N01 26.43	230 34.67	N17 03.63	278 19.12	N22 06.93	168 27.31	S07 58.96	065 17.40	09.18	S24 08.85	04.93	56.12
		v 2.72	d 0.00	v 1.00	d 0.64	v 2.10	d 0.10	v 2.47	d 0.00	v 0.15	d 0.94	SD	15.62	15.39		
		HP 0.46		HP 0.06						SD 16.03	HP 0.15					

Monday October 14, 2002 through Tuesday October 15, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
14 00	022 22.01	161 42.12	S23 17.59	202 57.14	N01 25.79	245 36.77	N17 03.53	293 21.60	N22 06.93	183 27.45	S07 59.89	079 45.59	09.27	S24 03.91	05.05	56.09
01	037 24.48	176 44.93	S23 17.54	217 58.15	N01 25.15	260 38.88	N17 03.43	308 24.08	N22 06.92	198 27.60	S08 00.82	094 13.85	09.35	S23 58.86	05.18	56.06
02	052 26.94	191 47.75	S23 17.48	232 59.15	N01 24.51	275 40.98	N17 03.34	323 26.55	N22 06.92	213 27.75	S08 01.75	108 42.20	09.43	S23 53.69	05.29	56.03
03	067 29.40	206 50.57	S23 17.42	248 00.16	N01 23.87	290 43.09	N17 03.24	338 29.03	N22 06.92	228 27.90	S08 02.69	123 10.63	09.51	S23 48.39	05.41	56.00
04	082 31.87	221 53.40	S23 17.36	263 01.16	N01 23.23	305 45.20	N17 03.15	353 31.51	N22 06.92	243 28.04	S08 03.62	137 39.14	09.59	S23 42.98	05.53	55.97
05	097 34.33	236 56.23	S23 17.29	278 02.17	N01 22.59	320 47.30	N17 03.05	008 33.99	N22 06.92	258 28.19	S08 04.55	152 07.73	09.68	S23 37.45	05.65	55.94
06	112 36.80	251 59.06	S23 17.23	293 03.17	N01 21.95	335 49.41	N17 02.95	023 36.46	N22 06.91	273 28.34	S08 05.48	166 36.41	09.76	S23 31.80	05.76	55.91
07	127 39.26	267 01.90	S23 17.16	308 04.17	N01 21.31	350 51.52	N17 02.86	038 38.94	N22 06.91	288 28.48	S08 06.41	181 05.17	09.84	S23 26.04	05.88	55.88
08	142 41.72	282 04.74	S23 17.09	323 05.18	N01 20.67	005 53.62	N17 02.76	053 41.42	N22 06.91	303 28.63	S08 07.34	195 34.01	09.93	S23 20.16	05.99	55.85
09	157 44.19	297 07.59	S23 17.02	338 06.18	N01 20.03	020 55.73	N17 02.66	068 43.90	N22 06.91	318 28.78	S08 08.27	210 02.94	10.01	S23 14.17	06.10	55.82
10	172 46.65	312 10.44	S23 16.94	353 07.19	N01 19.39	035 57.84	N17 02.57	083 46.38	N22 06.90	333 28.92	S08 09.20	224 31.95	10.10	S23 08.07	06.21	55.79
11	187 49.12	327 13.29	S23 16.87	008 08.19	N01 18.75	050 59.94	N17 02.47	098 48.85	N22 06.90	348 29.07	S08 10.13	239 01.05	10.18	S23 01.85	06.32	55.76
12	202 51.58	342 16.15	S23 16.79	023 09.19	N01 18.11	066 02.05	N17 02.38	113 51.33	N22 06.90	003 29.21	S08 11.06	253 30.23	10.26	S22 55.53	06.43	55.73
13	217 54.05	357 19.01	S23 16.71	038 10.20	N01 17.47	081 04.16	N17 02.28	128 53.81	N22 06.90	018 29.36	S08 11.99	267 59.50	10.35	S22 49.09	06.54	55.71
14	232 56.51	012 21.88	S23 16.62	053 11.20	N01 16.83	096 06.27	N17 02.19	143 56.29	N22 06.90	033 29.50	S08 12.92	282 28.84	10.43	S22 42.55	06.65	55.68
15	247 58.97	027 24.75	S23 16.54	068 12.21	N01 16.19	111 08.38	N17 02.09	158 58.77	N22 06.89	048 29.65	S08 13.85	296 58.28	10.52	S22 35.90	06.76	55.65
16	263 01.44	042 27.62	S23 16.45	083 13.21	N01 15.55	126 10.48	N17 01.99	174 01.25	N22 06.89	063 29.79	S08 14.77	311 27.80	10.60	S22 29.15	06.86	55.62
17	278 03.90	057 30.50	S23 16.36	098 14.21	N01 14.91	141 12.59	N17 01.90	189 03.73	N22 06.89	078 29.93	S08 15.70	325 57.40	10.69	S22 22.29	06.96	55.60
18	293 06.37	072 33.39	S23 16.27	113 15.22	N01 14.27	156 14.70	N17 01.80	204 06.21	N22 06.89	093 30.08	S08 16.63	340 27.09	10.77	S22 15.32	07.07	55.57
19	308 08.83	087 36.27	S23 16.17	128 16.22	N01 13.63	171 16.81	N17 01.71	219 08.69	N22 06.88	108 30.22	S08 17.56	354 56.86	10.86	S22 08.26	07.17	55.54
20	323 11.29	102 39.16	S23 16.08	143 17.23	N01 12.99	186 18.92	N17 01.61	234 11.17	N22 06.88	123 30.37	S08 18.49	009 26.72	10.94	S22 01.09	07.27	55.52
21	338 13.76	117 42.06	S23 15.98	158 18.23	N01 12.35	201 21.03	N17 01.52	249 13.65	N22 06.88	138 30.51	S08 19.41	023 56.66	11.03	S21 53.82	07.37	55.49
22	353 16.22	132 44.95	S23 15.87	173 19.23	N01 11.71	216 23.14	N17 01.42	264 16.13	N22 06.88	153 30.65	S08 20.34	038 26.69	11.11	S21 46.45	07.47	55.46
23	008 18.69	147 47.86	S23 15.77	188 20.24	N01 11.07	231 25.25	N17 01.33	279 18.61	N22 06.87	168 30.79	S08 21.27	052 56.80	11.20	S21 38.98	07.57	55.44
15 00	023 21.15	162 50.76	S23 15.66	203 21.24	N01 10.43	246 27.36	N17 01.23	294 21.10	N22 06.87	183 30.94	S08 22.20	067 27.00	11.28	S21 31.41	07.66	55.41
01	038 23.61	177 53.67	S23 15.56	218 22.25	N01 09.79	261 29.47	N17 01.14	309 23.58	N22 06.87	198 31.08	S08 23.12	081 57.28	11.36	S21 23.75	07.76	55.39
02	053 26.08	192 56.59	S23 15.45	233 23.25	N01 09.15	276 31.58	N17 01.04	324 26.06	N22 06.87	213 31.22	S08 24.05	096 27.64	11.45	S21 15.99	07.85	55.36
03	068 28.54	207 59.51	S23 15.33	248 24.26	N01 08.51	291 33.69	N17 00.95	339 28.54	N22 06.87	228 31.36	S08 24.98	110 58.09	11.53	S21 08.14	07.95	55.34
04	083 31.01	223 02.43	S23 15.22	263 25.26	N01 07.87	306 35.80	N17 00.85	354 31.02	N22 06.86	243 31.50	S08 25.90	125 28.62	11.61	S21 00.19	08.04	55.31
05	098 33.47	238 05.35	S23 15.10	278 26.26	N01 07.23	321 37.91	N17 00.76	009 33.51	N22 06.86	258 31.65	S08 26.83	139 59.23	11.70	S20 52.15	08.13	55.29
06	113 35.94	253 08.28	S23 14.98	293 27.27	N01 06.59	336 40.03	N17 00.66	024 35.99	N22 06.86	273 31.79	S08 27.75	154 29.93	11.78	S20 44.02	08.22	55.27
07	128 38.40	268 11.22	S23 14.86	308 28.27	N01 05.95	351 42.14	N17 00.57	039 38.47	N22 06.86	288 31.93	S08 28.68	169 00.71	11.86	S20 35.80	08.31	55.24
08	143 40.86	283 14.16	S23 14.73	323 29.28	N01 05.31	006 44.25	N17 00.47	054 40.95	N22 06.85	303 32.07	S08 29.60	183 31.57	11.94	S20 27.49	08.40	55.22
09	158 43.33	298 17.10	S23 14.61	338 30.28	N01 04.67	021 46.36	N17 00.38	069 43.44	N22 06.85	318 32.21	S08 30.53	198 02.51	12.03	S20 19.09	08.49	55.19
10	173 45.79	313 20.04	S23 14.48	353 31.28	N01 04.03	036 48.47	N17 00.28	084 45.92	N22 06.85	333 32.35	S08 31.45	212 33.54	12.11	S20 10.61	08.57	55.17
11	188 48.26	328 22.99	S23 14.35	008 32.29	N01 03.39	051 50.59	N17 00.19	099 48.40	N22 06.85	348 32.49	S08 32.38	227 04.65	12.19	S20 02.04	08.66	55.15
12	203 50.72	343 25.95	S23 14.22	023 33.29	N01 02.75	066 52.70	N17 00.10	114 50.89	N22 06.85	003 32.63	S08 33.30	241 35.84	12.27	S19 53.38	08.74	55.13
13	218 53.18	358 28.91	S23 14.08	038 34.30	N01 02.11	081 54.81	N17 00.00	129 53.37	N22 06.84	018 32.77	S08 34.23	256 07.10	12.35	S19 44.63	08.83	55.10
14	233 55.65	013 31.87	S23 13.94	053 35.30	N01 01.47	096 56.93	N16 59.91	144 55.86	N22 06.84	033 32.91	S08 35.15	270 38.45	12.43	S19 35.81	08.91	55.08
15	248 58.11	028 34.83	S23 13.80	068 36.31	N01 00.83	111 59.04	N16 59.81	159 58.34	N22 06.84	048 33.05	S08 36.08	285 09.88	12.51	S19 26.90	08.99	55.06
16	264 00.58	043 37.80	S23 13.66	083 37.31	N01 00.19	127 01.15	N16 59.72	175 00.83	N22 06.84	063 33.19	S08 37.00	299 41.39	12.59	S19 17.91	09.07	55.04
17	279 03.04	058 40.78	S23 13.51	098 38.31	N00 59.55	142 03.27	N16 59.62	190 03.31	N22 06.83	078 33.32	S08 37.92	314 12.98	12.67	S19 08.84	09.15	55.02
18	294 05.50	073 43.76	S23 13.37	113 39.32	N00 58.91	157 05.38	N16 59.53	205 05.80	N22 06.83	093 33.46	S08 38.85	328 44.65	12.74	S18 59.69	09.23	55.00
19	309 07.97	088 46.74	S23 13.22	128 40.32	N00 58.27	172 07.50	N16 59.44	220 08.28	N22 06.83	108 33.60	S08 39.77	343 16.39	12.82	S18 50.46	09.31	54.97
20	324 10.43	103 49.72	S23 13.07	143 41.33	N00 57.63	187 09.61	N16 59.34	235 10.77	N22 06.83	123 33.74	S08 40.69	357 48.21	12.90	S18 41.16	09.38	54.95
21	339 12.90	118 52.71	S23 12.91	158 42.33	N00 56.99	202 11.73	N16 59.25	250 13.25	N22 06.82	138 33.88	S08 41.61	012 20.11	12.98	S18 31.77	09.46	54.93
22	354 15.36	133 55.71	S23 12.76	173 43.33	N00 56.35	217 13.84	N16 59.15	265 15.74	N22 06.82	153 34.01	S08 42.54	026 52.09	13.05	S18 22.32	09.53	54.91
23	009 17.82	148 58.70	S23 12.60	188 44.34	N00 55.71	232 15.96	N16 59.06	280 18.22	N22 06.82	168 34.15	S08 43.46	041 24.14	13.13	S18 12.78	09.61	54.89
		v 2.91	d 0.11	v 1.00	d 0.64	v 2.11	d 0.10	v 2.48	d 0.00	v 0.14	d 0.93	SD	15.19	15.02		
		HP 0.47		HP 0.06						SD 16.04	HP 0.15					

Wednesday October 16, 2002 through Thursday October 17, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
16 00	024 20.29	164 01.71	S23 12.44	203 45.34	N00 55.07	247 18.07	N16 58.97	295 20.71	N22 06.82	183 34.29	S08 44.38	055 56.27	13.20	S18 03.18	09.68	54.87
01	039 22.75	179 04.71	S23 12.27	218 46.35	N00 54.43	262 20.19	N16 58.87	310 23.20	N22 06.82	198 34.42	S08 45.30	070 28.47	13.28	S17 53.50	09.75	54.85
02	054 25.22	194 07.72	S23 12.11	233 47.35	N00 53.79	277 22.31	N16 58.78	325 25.68	N22 06.81	213 34.56	S08 46.22	085 00.75	13.35	S17 43.75	09.82	54.83
03	069 27.68	209 10.73	S23 11.94	248 48.36	N00 53.15	292 24.42	N16 58.69	340 28.17	N22 06.81	228 34.70	S08 47.14	099 33.10	13.42	S17 33.93	09.89	54.82
04	084 30.15	224 13.75	S23 11.77	263 49.36	N00 52.51	307 26.54	N16 58.59	355 30.66	N22 06.81	243 34.83	S08 48.07	114 05.52	13.50	S17 24.04	09.96	54.80
05	099 32.61	239 16.77	S23 11.60	278 50.36	N00 51.87	322 28.65	N16 58.50	010 33.14	N22 06.81	258 34.97	S08 48.99	128 38.02	13.57	S17 14.08	10.03	54.78
06	114 35.07	254 19.80	S23 11.42	293 51.37	N00 51.23	337 30.77	N16 58.41	025 35.63	N22 06.80	273 35.10	S08 49.91	143 10.58	13.64	S17 04.05	10.09	54.76
07	129 37.54	269 22.83	S23 11.24	308 52.37	N00 50.59	352 32.89	N16 58.31	040 38.12	N22 06.80	288 35.24	S08 50.83	157 43.22	13.71	S16 53.96	10.16	54.74
08	144 40.00	284 25.86	S23 11.06	323 53.38	N00 49.94	007 35.01	N16 58.22	055 40.61	N22 06.80	303 35.37	S08 51.75	172 15.93	13.78	S16 43.79	10.23	54.72
09	159 42.47	299 28.90	S23 10.88	338 54.38	N00 49.30	022 37.12	N16 58.13	070 43.10	N22 06.80	318 35.51	S08 52.67	186 48.71	13.85	S16 33.57	10.29	54.71
10	174 44.93	314 31.94	S23 10.70	353 55.38	N00 48.66	037 39.24	N16 58.03	085 45.58	N22 06.79	333 35.64	S08 53.59	201 21.56	13.92	S16 23.28	10.35	54.69
11	189 47.39	329 34.98	S23 10.51	008 56.39	N00 48.02	052 41.36	N16 57.94	100 48.07	N22 06.79	348 35.78	S08 54.51	215 54.48	13.99	S16 12.92	10.42	54.67
12	204 49.86	344 38.03	S23 10.32	023 57.39	N00 47.38	067 43.48	N16 57.85	115 50.56	N22 06.79	003 35.91	S08 55.43	230 27.47	14.05	S16 02.51	10.48	54.65
13	219 52.32	359 41.08	S23 10.13	038 58.40	N00 46.74	082 45.60	N16 57.75	130 53.05	N22 06.79	018 36.04	S08 56.34	245 00.52	14.12	S15 52.03	10.54	54.64
14	234 54.79	014 44.14	S23 09.94	053 59.40	N00 46.10	097 47.72	N16 57.66	145 55.54	N22 06.79	033 36.18	S08 57.26	259 33.64	14.19	S15 41.49	10.60	54.62
15	249 57.25	029 47.20	S23 09.74	069 00.40	N00 45.46	112 49.83	N16 57.57	160 58.03	N22 06.78	048 36.31	S08 58.18	274 06.83	14.25	S15 30.89	10.66	54.60
16	264 59.71	044 50.26	S23 09.54	084 01.41	N00 44.82	127 51.95	N16 57.47	176 00.52	N22 06.78	063 36.44	S08 59.10	288 40.08	14.32	S15 20.24	10.72	54.59
17	280 02.18	059 53.33	S23 09.34	099 02.41	N00 44.18	142 54.07	N16 57.38	191 03.01	N22 06.78	078 36.58	S09 00.02	303 13.39	14.38	S15 09.52	10.77	54.57
18	295 04.64	074 56.40	S23 09.14	114 03.42	N00 43.54	157 56.19	N16 57.29	206 05.50	N22 06.78	093 36.71	S09 00.94	317 46.77	14.44	S14 58.75	10.83	54.56
19	310 07.11	089 59.48	S23 08.93	129 04.42	N00 42.90	172 58.31	N16 57.20	221 07.99	N22 06.77	108 36.84	S09 01.85	332 20.21	14.50	S14 47.92	10.88	54.54
20	325 09.57	105 02.56	S23 08.72	144 05.43	N00 42.26	188 00.43	N16 57.10	236 10.48	N22 06.77	123 36.97	S09 02.77	346 53.72	14.57	S14 37.04	10.94	54.53
21	340 12.03	120 05.64	S23 08.51	159 06.43	N00 41.62	203 02.55	N16 57.01	251 12.97	N22 06.77	138 37.10	S09 03.69	001 27.29	14.63	S14 26.10	10.99	54.51
22	355 14.50	135 08.73	S23 08.30	174 07.43	N00 40.98	218 04.67	N16 56.92	266 15.46	N22 06.77	153 37.24	S09 04.60	016 00.91	14.69	S14 15.11	11.04	54.50
23	010 16.96	150 11.82	S23 08.09	189 08.44	N00 40.34	233 06.79	N16 56.83	281 17.95	N22 06.77	168 37.37	S09 05.52	030 34.60	14.75	S14 04.06	11.10	54.48
17 00	025 19.43	165 14.91	S23 07.87	204 09.44	N00 39.70	248 08.92	N16 56.73	296 20.44	N22 06.76	183 37.50	S09 06.44	045 08.35	14.81	S13 52.96	11.15	54.47
01	040 21.89	180 18.01	S23 07.65	219 10.45	N00 39.06	263 11.04	N16 56.64	311 22.94	N22 06.76	198 37.63	S09 07.35	059 42.15	14.86	S13 41.82	11.20	54.45
02	055 24.35	195 21.12	S23 07.43	234 11.45	N00 38.42	278 13.16	N16 56.55	326 25.43	N22 06.76	213 37.76	S09 08.27	074 16.01	14.92	S13 30.62	11.25	54.44
03	070 26.82	210 24.22	S23 07.20	249 12.45	N00 37.78	293 15.28	N16 56.46	341 27.92	N22 06.76	228 37.89	S09 09.19	088 49.93	14.98	S13 19.37	11.30	54.43
04	085 29.28	225 27.33	S23 06.98	264 13.46	N00 37.14	308 17.40	N16 56.36	356 30.41	N22 06.75	243 38.02	S09 10.10	103 23.91	15.03	S13 08.07	11.34	54.41
05	100 31.75	240 30.45	S23 06.75	279 14.46	N00 36.50	323 19.52	N16 56.27	011 32.90	N22 06.75	258 38.15	S09 11.02	117 57.94	15.09	S12 56.73	11.39	54.40
06	115 34.21	255 33.57	S23 06.52	294 15.47	N00 35.86	338 21.65	N16 56.18	026 35.40	N22 06.75	273 38.28	S09 11.93	132 32.03	15.14	S12 45.34	11.44	54.39
07	130 36.67	270 36.69	S23 06.28	309 16.47	N00 35.22	353 23.77	N16 56.09	041 37.89	N22 06.75	288 38.41	S09 12.85	147 06.17	15.19	S12 33.90	11.48	54.37
08	145 39.14	285 39.81	S23 06.04	324 17.47	N00 34.58	008 25.89	N16 56.00	056 40.38	N22 06.74	303 38.54	S09 13.76	161 40.36	15.24	S12 22.42	11.53	54.36
09	160 41.60	300 42.94	S23 05.81	339 18.48	N00 33.94	023 28.02	N16 55.90	071 42.87	N22 06.74	318 38.67	S09 14.68	176 14.60	15.30	S12 10.89	11.57	54.35
10	175 44.07	315 46.08	S23 05.56	354 19.48	N00 33.30	038 30.14	N16 55.81	086 45.37	N22 06.74	333 38.79	S09 15.59	190 48.90	15.35	S11 59.32	11.61	54.34
11	190 46.53	330 49.21	S23 05.32	009 20.49	N00 32.66	053 32.26	N16 55.72	101 47.86	N22 06.74	348 38.92	S09 16.50	205 23.25	15.40	S11 47.71	11.66	54.32
12	205 48.99	345 52.35	S23 05.08	024 21.49	N00 32.02	068 34.39	N16 55.63	116 50.36	N22 06.74	003 39.05	S09 17.42	219 57.64	15.44	S11 36.05	11.70	54.31
13	220 51.46	000 55.50	S23 04.83	039 22.49	N00 31.38	083 36.51	N16 55.54	131 52.85	N22 06.73	018 39.18	S09 18.33	234 32.09	15.49	S11 24.35	11.74	54.30
14	235 53.92	015 58.65	S23 04.58	054 23.50	N00 30.73	098 38.63	N16 55.45	146 55.34	N22 06.73	033 39.30	S09 19.24	249 06.58	15.54	S11 12.62	11.78	54.29
15	250 56.39	031 01.80	S23 04.32	069 24.50	N00 30.09	113 40.76	N16 55.35	161 57.84	N22 06.73	048 39.43	S09 20.16	263 41.12	15.59	S11 00.84	11.82	54.28
16	265 58.85	046 04.96	S23 04.07	084 25.51	N00 29.45	128 42.88	N16 55.26	177 00.33	N22 06.73	063 39.56	S09 21.07	278 15.71	15.63	S10 49.02	11.85	54.27
17	281 01.32	061 08.12	S23 03.81	099 26.51	N00 28.81	143 45.01	N16 55.17	192 02.83	N22 06.72	078 39.69	S09 21.98	292 50.34	15.68	S10 37.17	11.89	54.26
18	296 03.78	076 11.28	S23 03.55	114 27.51	N00 28.17	158 47.13	N16 55.08	207 05.32	N22 06.72	093 39.81	S09 22.90	307 25.01	15.72	S10 25.28	11.93	54.25
19	311 06.24	091 14.45	S23 03.29	129 28.52	N00 27.53	173 49.26	N16 54.99	222 07.82	N22 06.72	108 39.94	S09 23.81	321 59.74	15.76	S10 13.35	11.96	54.24
20	326 08.71	106 17.62	S23 03.02	144 29.52	N00 26.89	188 51.38	N16 54.90	237 10.31	N22 06.72	123 40.06	S09 24.72	336 34.50	15.81	S10 01.39	12.00	54.23
21	341 11.17	121 20.79	S23 02.75	159 30.53	N00 26.25	203 53.51	N16 54.81	252 12.81	N22 06.72	138 40.19	S09 25.63	351 09.30	15.85	S09 49.39	12.03	54.22
22	356 13.64	136 23.97	S23 02.48	174 31.53	N00 25.61	218 55.64	N16 54.72	267 15.30	N22 06.71	153 40.31	S09 26.54	005 44.15	15.89	S09 37.35	12.07	54.21
23	011 16.10	151 27.15	S23 02.21	189 32.53	N00 24.97	233 57.76	N16 54.62	282 17.80	N22 06.71	168 40.44	S09 27.45	020 19.04	15.93	S09 25.29	12.10	54.20
		v 3.10	d 0.22	v 1.00	d 0.64	v 2.12	d 0.09	v 2.49	d 0.00	v 0.13	d 0.92	SD	14.89	14.80		
		HP 0.48		HP 0.06						SD 16.05	HP 0.15					

Friday October 18, 2002 through Saturday October 19, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
18 00	026 18.56	166 30.34	S23 01.94	204 33.54	N00 24.33	248 59.89	N16 54.53	297 20.30	N22 06.71	183 40.56	S09 28.36	034 53.96	15.97	S09 13.19	12.13	54.19
01	041 21.03	181 33.53	S23 01.66	219 34.54	N00 23.69	264 02.02	N16 54.44	312 22.79	N22 06.71	198 40.69	S09 29.28	049 28.93	16.00	S09 01.06	12.16	54.18
02	056 23.49	196 36.72	S23 01.38	234 35.55	N00 23.05	279 04.14	N16 54.35	327 25.29	N22 06.70	213 40.81	S09 30.19	064 03.93	16.04	S08 48.89	12.19	54.17
03	071 25.96	211 39.92	S23 01.10	249 36.55	N00 22.41	294 06.27	N16 54.26	342 27.79	N22 06.70	228 40.94	S09 31.10	078 38.97	16.08	S08 36.70	12.22	54.16
04	086 28.42	226 43.12	S23 00.81	264 37.55	N00 21.77	309 08.40	N16 54.17	357 30.28	N22 06.70	243 41.06	S09 32.01	093 14.05	16.11	S08 24.48	12.25	54.15
05	101 30.88	241 46.33	S23 00.53	279 38.56	N00 21.13	324 10.52	N16 54.08	012 32.78	N22 06.70	258 41.19	S09 32.92	107 49.16	16.15	S08 12.23	12.28	54.14
06	116 33.35	256 49.54	S23 00.24	294 39.56	N00 20.49	339 12.65	N16 53.99	027 35.28	N22 06.69	273 41.31	S09 33.82	122 24.31	16.18	S07 59.95	12.31	54.14
07	131 35.81	271 52.75	S22 59.94	309 40.56	N00 19.85	354 14.78	N16 53.90	042 37.78	N22 06.69	288 41.43	S09 34.73	136 59.49	16.21	S07 47.64	12.33	54.13
08	146 38.28	286 55.96	S22 59.65	324 41.57	N00 19.21	009 16.91	N16 53.81	057 40.27	N22 06.69	303 41.55	S09 35.64	151 34.70	16.24	S07 35.30	12.36	54.12
09	161 40.74	301 59.18	S22 59.35	339 42.57	N00 18.57	024 19.04	N16 53.72	072 42.77	N22 06.69	318 41.68	S09 36.55	166 09.94	16.27	S07 22.94	12.39	54.11
10	176 43.20	317 02.41	S22 59.05	354 43.58	N00 17.93	039 21.17	N16 53.63	087 45.27	N22 06.69	333 41.80	S09 37.46	180 45.22	16.30	S07 10.56	12.41	54.11
11	191 45.67	332 05.63	S22 58.75	009 44.58	N00 17.29	054 23.30	N16 53.54	102 47.77	N22 06.68	348 41.92	S09 38.37	195 20.52	16.33	S06 58.15	12.43	54.10
12	206 48.13	347 08.86	S22 58.45	024 45.58	N00 16.65	069 25.42	N16 53.45	117 50.27	N22 06.68	003 42.04	S09 39.28	209 55.85	16.36	S06 45.72	12.46	54.09
13	221 50.60	002 12.10	S22 58.14	039 46.59	N00 16.01	084 27.55	N16 53.36	132 52.77	N22 06.68	018 42.16	S09 40.18	224 31.22	16.39	S06 33.26	12.48	54.09
14	236 53.06	017 15.34	S22 57.83	054 47.59	N00 15.37	099 29.68	N16 53.27	147 55.27	N22 06.68	033 42.29	S09 41.09	239 06.61	16.42	S06 20.78	12.50	54.08
15	251 55.52	032 18.58	S22 57.52	069 48.60	N00 14.73	114 31.81	N16 53.18	162 57.76	N22 06.67	048 42.41	S09 42.00	253 42.02	16.44	S06 08.28	12.52	54.07
16	266 57.99	047 21.82	S22 57.21	084 49.60	N00 14.09	129 33.94	N16 53.09	178 00.26	N22 06.67	063 42.53	S09 42.91	268 17.46	16.47	S05 55.76	12.54	54.07
17	282 00.45	062 25.07	S22 56.89	099 50.60	N00 13.45	144 36.07	N16 53.00	193 02.76	N22 06.67	078 42.65	S09 43.81	282 52.93	16.49	S05 43.22	12.56	54.06
18	297 02.92	077 28.32	S22 56.57	114 51.61	N00 12.80	159 38.20	N16 52.91	208 05.26	N22 06.67	093 42.77	S09 44.72	297 28.42	16.51	S05 30.66	12.58	54.05
19	312 05.38	092 31.58	S22 56.25	129 52.61	N00 12.16	174 40.34	N16 52.82	223 07.76	N22 06.67	108 42.89	S09 45.63	312 03.93	16.54	S05 18.08	12.60	54.05
20	327 07.84	107 34.84	S22 55.93	144 53.61	N00 11.52	189 42.47	N16 52.73	238 10.26	N22 06.66	123 43.01	S09 46.53	326 39.47	16.56	S05 05.48	12.61	54.04
21	342 10.31	122 38.10	S22 55.60	159 54.62	N00 10.88	204 44.60	N16 52.64	253 12.76	N22 06.66	138 43.13	S09 47.44	341 15.02	16.58	S04 52.86	12.63	54.04
22	357 12.77	137 41.37	S22 55.28	174 55.62	N00 10.24	219 46.73	N16 52.55	268 15.27	N22 06.66	153 43.25	S09 48.34	355 50.60	16.60	S04 40.23	12.65	54.03
23	012 15.24	152 44.64	S22 54.95	189 56.63	N00 09.60	234 48.86	N16 52.46	283 17.77	N22 06.66	168 43.37	S09 49.25	010 26.20	16.61	S04 27.58	12.66	54.03
19 00	027 17.70	167 47.91	S22 54.61	204 57.63	N00 08.96	249 50.99	N16 52.37	298 20.27	N22 06.65	183 43.48	S09 50.15	025 01.81	16.63	S04 14.92	12.68	54.02
01	042 20.16	182 51.19	S22 54.28	219 58.63	N00 08.32	264 53.13	N16 52.28	313 22.77	N22 06.65	198 43.60	S09 51.06	039 37.44	16.65	S04 02.25	12.69	54.02
02	057 22.63	197 54.47	S22 53.94	234 59.64	N00 07.68	279 55.26	N16 52.19	328 25.27	N22 06.65	213 43.72	S09 51.96	054 13.09	16.67	S03 49.55	12.70	54.01
03	072 25.09	212 57.76	S22 53.60	250 00.64	N00 07.04	294 57.39	N16 52.10	343 27.77	N22 06.65	228 43.84	S09 52.87	068 48.76	16.68	S03 36.85	12.72	54.01
04	087 27.56	228 01.05	S22 53.26	265 01.64	N00 06.40	309 59.52	N16 52.01	358 30.27	N22 06.64	243 43.96	S09 53.77	083 24.44	16.69	S03 24.14	12.73	54.01
05	102 30.02	243 04.34	S22 52.91	280 02.65	N00 05.76	325 01.66	N16 51.92	013 32.78	N22 06.64	258 44.07	S09 54.67	098 00.13	16.71	S03 11.41	12.74	54.00
06	117 32.48	258 07.63	S22 52.56	295 03.65	N00 05.12	340 03.79	N16 51.83	028 35.28	N22 06.64	273 44.19	S09 55.58	112 35.84	16.72	S02 58.67	12.75	54.00
07	132 34.95	273 10.93	S22 52.21	310 04.66	N00 04.48	355 05.92	N16 51.74	043 37.78	N22 06.64	288 44.31	S09 56.48	127 11.56	16.73	S02 45.92	12.76	53.99
08	147 37.41	288 14.24	S22 51.86	325 05.66	N00 03.84	010 08.06	N16 51.65	058 40.28	N22 06.64	303 44.42	S09 57.38	141 47.29	16.74	S02 33.16	12.77	53.99
09	162 39.88	303 17.54	S22 51.50	340 06.66	N00 03.20	025 10.19	N16 51.56	073 42.79	N22 06.63	318 44.54	S09 58.29	156 23.03	16.75	S02 20.40	12.77	53.99
10	177 42.34	318 20.85	S22 51.15	355 07.67	N00 02.56	040 12.33	N16 51.48	088 45.29	N22 06.63	333 44.65	S09 59.19	170 58.79	16.76	S02 07.62	12.78	53.98
11	192 44.80	333 24.16	S22 50.79	010 08.67	N00 01.92	055 14.46	N16 51.39	103 47.79	N22 06.63	348 44.77	S10 00.09	185 34.55	16.77	S01 54.84	12.79	53.98
12	207 47.27	348 27.48	S22 50.42	025 09.67	N00 01.28	070 16.60	N16 51.30	118 50.30	N22 06.63	003 44.89	S10 00.99	200 10.32	16.78	S01 42.05	12.79	53.98
13	222 49.73	003 30.80	S22 50.06	040 10.68	N00 00.64	085 18.73	N16 51.21	133 52.80	N22 06.62	018 45.00	S10 01.89	214 46.09	16.78	S01 29.26	12.80	53.98
14	237 52.20	018 34.12	S22 49.69	055 11.68	S00 00.00	100 20.87	N16 51.12	148 55.31	N22 06.62	033 45.12	S10 02.80	229 21.88	16.79	S01 16.46	12.80	53.97
15	252 54.66	033 37.45	S22 49.32	070 12.68	S00 00.64	115 23.00	N16 51.03	163 57.81	N22 06.62	048 45.23	S10 03.70	243 57.66	16.79	S01 03.66	12.81	53.97
16	267 57.12	048 40.78	S22 48.95	085 13.69	S00 01.28	130 25.14	N16 50.94	179 00.31	N22 06.62	063 45.34	S10 04.60	258 33.46	16.80	S00 50.85	12.81	53.97
17	282 59.59	063 44.12	S22 48.57	100 14.69	S00 01.92	145 27.27	N16 50.85	194 02.82	N22 06.62	078 45.46	S10 05.50	273 09.25	16.80	S00 38.04	12.81	53.97
18	298 02.05	078 47.45	S22 48.20	115 15.69	S00 02.56	160 29.41	N16 50.77	209 05.32	N22 06.61	093 45.57	S10 06.40	287 45.05	16.80	S00 25.23	12.81	53.97
19	313 04.52	093 50.79	S22 47.82	130 16.70	S00 03.20	175 31.55	N16 50.68	224 07.83	N22 06.61	108 45.69	S10 07.30	302 20.85	16.80	S00 12.41	12.82	53.96
20	328 06.98	108 54.14	S22 47.43	145 17.70	S00 03.84	190 33.68	N16 50.59	239 10.33	N22 06.61	123 45.80	S10 08.20	316 56.65	16.80	N00 00.40	12.82	53.96
21	343 09.45	123 57.49	S22 47.05	160 18.70	S00 04.48	205 35.82	N16 50.50	254 12.84	N22 06.61	138 45.91	S10 09.10	331 32.46	16.80	N00 13.22	12.82	53.96
22	358 11.91	139 00.84	S22 46.66	175 19.71	S00 05.12	220 37.96	N16 50.41	269 15.34	N22 06.60	153 46.02	S10 10.00	346 08.26	16.80	N00 26.04	12.81	53.96
23	013 14.37	154 04.19	S22 46.27	190 20.71	S00 05.76	235 40.09	N16 50.32	284 17.85	N22 06.60	168 46.14	S10 10.90	000 44.06	16.80	N00 38.85	12.81	53.96
		v 3.28	d 0.34	v 1.00	d 0.64	v 2.13	d 0.09	v 2.50	d 0.00	v 0.12	d 0.90	SD	14.74	14.71		
		HP 0.50		HP 0.06						SD 16.06	HP 0.15					

Sunday October 20, 2002 through Monday October 21, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
20 00	028 16.84	169 07.55	S22 45.88	205 21.72	S00 06.40	250 42.23	N16 50.24	299 20.36	N22 06.60	183 46.25	S10 11.80	015 19.86	16.79	N00 51.66	12.81	53.96
01	043 19.30	184 10.91	S22 45.49	220 22.72	S00 07.04	265 44.37	N16 50.15	314 22.86	N22 06.60	198 46.36	S10 12.70	029 55.65	16.79	N01 04.47	12.81	53.96
02	058 21.77	199 14.28	S22 45.09	235 23.72	S00 07.68	280 46.51	N16 50.06	329 25.37	N22 06.59	213 46.47	S10 13.59	044 31.44	16.79	N01 17.28	12.80	53.96
03	073 24.23	214 17.65	S22 44.69	250 24.73	S00 08.32	295 48.65	N16 49.97	344 27.88	N22 06.59	228 46.58	S10 14.49	059 07.23	16.78	N01 30.08	12.80	53.96
04	088 26.69	229 21.02	S22 44.29	265 25.73	S00 08.96	310 50.78	N16 49.88	359 30.38	N22 06.59	243 46.69	S10 15.39	073 43.01	16.77	N01 42.88	12.79	53.96
05	103 29.16	244 24.39	S22 43.88	280 26.73	S00 09.60	325 52.92	N16 49.80	014 32.89	N22 06.59	258 46.81	S10 16.29	088 18.78	16.77	N01 55.67	12.79	53.96
06	118 31.62	259 27.77	S22 43.48	295 27.74	S00 10.25	340 55.06	N16 49.71	029 35.40	N22 06.59	273 46.92	S10 17.18	102 54.54	16.76	N02 08.45	12.78	53.96
07	133 34.09	274 31.15	S22 43.07	310 28.74	S00 10.89	355 57.20	N16 49.62	044 37.91	N22 06.58	288 47.03	S10 18.08	117 30.30	16.75	N02 21.23	12.77	53.96
08	148 36.55	289 34.54	S22 42.66	325 29.74	S00 11.53	010 59.34	N16 49.53	059 40.41	N22 06.58	303 47.14	S10 18.98	132 06.05	16.74	N02 34.00	12.76	53.96
09	163 39.01	304 37.93	S22 42.24	340 30.75	S00 12.17	026 01.48	N16 49.45	074 42.92	N22 06.58	318 47.25	S10 19.88	146 41.78	16.73	N02 46.77	12.75	53.96
10	178 41.48	319 41.32	S22 41.83	355 31.75	S00 12.81	041 03.62	N16 49.36	089 45.43	N22 06.58	333 47.35	S10 20.77	161 17.51	16.71	N02 59.52	12.74	53.96
11	193 43.94	334 44.71	S22 41.41	010 32.75	S00 13.45	056 05.76	N16 49.27	104 47.94	N22 06.57	348 47.46	S10 21.67	175 53.22	16.70	N03 12.26	12.73	53.96
12	208 46.41	349 48.11	S22 40.98	025 33.76	S00 14.09	071 07.90	N16 49.18	119 50.45	N22 06.57	003 47.57	S10 22.56	190 28.93	16.69	N03 25.00	12.72	53.96
13	223 48.87	004 51.51	S22 40.56	040 34.76	S00 14.73	086 10.04	N16 49.10	134 52.95	N22 06.57	018 47.68	S10 23.46	205 04.61	16.67	N03 37.72	12.71	53.96
14	238 51.33	019 54.92	S22 40.13	055 35.76	S00 15.37	101 12.18	N16 49.01	149 55.46	N22 06.57	033 47.79	S10 24.35	219 40.29	16.66	N03 50.43	12.70	53.97
15	253 53.80	034 58.33	S22 39.71	070 36.77	S00 16.01	116 14.32	N16 48.92	164 57.97	N22 06.57	048 47.90	S10 25.25	234 15.95	16.64	N04 03.13	12.68	53.97
16	268 56.26	050 01.74	S22 39.27	085 37.77	S00 16.65	131 16.47	N16 48.84	180 00.48	N22 06.56	063 48.00	S10 26.14	248 51.59	16.63	N04 15.81	12.67	53.97
17	283 58.73	065 05.15	S22 38.84	100 38.77	S00 17.29	146 18.61	N16 48.75	195 02.99	N22 06.56	078 48.11	S10 27.04	263 27.21	16.61	N04 28.48	12.66	53.97
18	299 01.19	080 08.57	S22 38.40	115 39.77	S00 17.93	161 20.75	N16 48.66	210 05.50	N22 06.56	093 48.22	S10 27.93	278 02.82	16.59	N04 41.14	12.64	53.97
19	314 03.65	095 11.99	S22 37.96	130 40.78	S00 18.57	176 22.89	N16 48.57	225 08.01	N22 06.56	108 48.33	S10 28.83	292 38.41	16.57	N04 53.78	12.62	53.98
20	329 06.12	110 15.41	S22 37.52	145 41.78	S00 19.21	191 25.03	N16 48.49	240 10.52	N22 06.55	123 48.43	S10 29.72	307 13.98	16.55	N05 06.40	12.61	53.98
21	344 08.58	125 18.84	S22 37.08	160 42.78	S00 19.85	206 27.18	N16 48.40	255 13.03	N22 06.55	138 48.54	S10 30.61	321 49.53	16.53	N05 19.01	12.59	53.98
22	359 11.05	140 22.27	S22 36.63	175 43.79	S00 20.49	221 29.32	N16 48.31	270 15.54	N22 06.55	153 48.64	S10 31.51	336 25.06	16.51	N05 31.60	12.57	53.98
23	014 13.51	155 25.71	S22 36.18	190 44.79	S00 21.13	236 31.46	N16 48.23	285 18.05	N22 06.55	168 48.75	S10 32.40	351 00.56	16.48	N05 44.17	12.55	53.99
21 00	029 15.97	170 29.14	S22 35.73	205 45.79	S00 21.77	251 33.61	N16 48.14	300 20.56	N22 06.54	183 48.86	S10 33.29	005 36.04	16.46	N05 56.72	12.53	53.99
01	044 18.44	185 32.58	S22 35.28	220 46.80	S00 22.41	266 35.75	N16 48.05	315 23.08	N22 06.54	198 48.96	S10 34.18	020 11.50	16.44	N06 09.25	12.51	53.99
02	059 20.90	200 36.03	S22 34.82	235 47.80	S00 23.05	281 37.89	N16 47.97	330 25.59	N22 06.54	213 49.07	S10 35.08	034 46.94	16.41	N06 21.76	12.49	53.99
03	074 23.37	215 39.48	S22 34.37	250 48.80	S00 23.69	296 40.04	N16 47.88	345 28.10	N22 06.54	228 49.17	S10 35.97	049 22.35	16.38	N06 34.24	12.47	54.00
04	089 25.83	230 42.93	S22 33.90	265 49.81	S00 24.33	311 42.18	N16 47.79	000 30.61	N22 06.54	243 49.27	S10 36.86	063 57.73	16.36	N06 46.71	12.44	54.00
05	104 28.29	245 46.38	S22 33.44	280 50.81	S00 24.97	326 44.33	N16 47.71	015 33.12	N22 06.53	258 49.38	S10 37.75	078 33.09	16.33	N06 59.15	12.42	54.01
06	119 30.76	260 49.83	S22 32.97	295 51.81	S00 25.61	341 46.47	N16 47.62	030 35.63	N22 06.53	273 49.48	S10 38.64	093 08.42	16.30	N07 11.57	12.39	54.01
07	134 33.22	275 53.29	S22 32.51	310 52.81	S00 26.25	356 48.62	N16 47.54	045 38.15	N22 06.53	288 49.59	S10 39.53	107 43.72	16.27	N07 23.97	12.37	54.01
08	149 35.69	290 56.76	S22 32.04	325 53.82	S00 26.89	011 50.76	N16 47.45	060 40.66	N22 06.53	303 49.69	S10 40.42	122 18.99	16.24	N07 36.34	12.34	54.02
09	164 38.15	306 00.22	S22 31.56	340 54.82	S00 27.53	026 52.91	N16 47.36	075 43.17	N22 06.52	318 49.79	S10 41.31	136 54.23	16.21	N07 48.68	12.32	54.02
10	179 40.61	321 03.69	S22 31.09	355 55.82	S00 28.17	041 55.05	N16 47.28	090 45.69	N22 06.52	333 49.89	S10 42.20	151 29.44	16.18	N08 01.00	12.29	54.03
11	194 43.08	336 07.16	S22 30.61	010 56.83	S00 28.81	056 57.20	N16 47.19	105 48.20	N22 06.52	348 50.00	S10 43.09	166 04.62	16.15	N08 13.28	12.26	54.03
12	209 45.54	351 10.64	S22 30.13	025 57.83	S00 29.45	071 59.34	N16 47.11	120 50.71	N22 06.52	003 50.10	S10 43.98	180 39.77	16.11	N08 25.54	12.23	54.04
13	224 48.01	006 14.11	S22 29.64	040 58.83	S00 30.09	087 01.49	N16 47.02	135 53.23	N22 06.51	018 50.20	S10 44.87	195 14.88	16.08	N08 37.78	12.20	54.04
14	239 50.47	021 17.60	S22 29.16	055 59.83	S00 30.73	102 03.64	N16 46.93	150 55.74	N22 06.51	033 50.30	S10 45.76	209 49.96	16.04	N08 49.98	12.17	54.04
15	254 52.93	036 21.08	S22 28.67	071 00.84	S00 31.37	117 05.78	N16 46.85	165 58.25	N22 06.51	048 50.40	S10 46.65	224 25.00	16.01	N09 02.15	12.14	54.05
16	269 55.40	051 24.57	S22 28.18	086 01.84	S00 32.01	132 07.93	N16 46.76	181 00.77	N22 06.51	063 50.50	S10 47.53	239 00.01	15.97	N09 14.29	12.11	54.06
17	284 57.86	066 28.06	S22 27.69	101 02.84	S00 32.65	147 10.08	N16 46.68	196 03.28	N22 06.51	078 50.60	S10 48.42	253 34.98	15.93	N09 26.39	12.07	54.06
18	300 00.33	081 31.55	S22 27.19	116 03.85	S00 33.29	162 12.23	N16 46.59	211 05.80	N22 06.50	093 50.70	S10 49.31	268 09.92	15.90	N09 38.47	12.04	54.07
19	315 02.79	096 35.05	S22 26.70	131 04.85	S00 33.93	177 14.37	N16 46.51	226 08.31	N22 06.50	108 50.80	S10 50.20	282 44.81	15.86	N09 50.51	12.01	54.07
20	330 05.26	111 38.54	S22 26.19	146 05.85	S00 34.57	192 16.52	N16 46.42	241 10.83	N22 06.50	123 50.90	S10 51.08	297 19.67	15.82	N10 02.51	11.97	54.08
21	345 07.72	126 42.05	S22 25.69	161 06.85	S00 35.21	207 18.67	N16 46.34	256 13.34	N22 06.50	138 51.00	S10 51.97	311 54.49	15.78	N10 14.48	11.93	54.08
22	000 10.18	141 45.55	S22 25.19	176 07.86	S00 35.85	222 20.82	N16 46.25	271 15.86	N22 06.49	153 51.10	S10 52.86	326 29.27	15.74	N10 26.41	11.90	54.09
23	015 12.65	156 49.06	S22 24.68	191 08.86	S00 36.49	237 22.97	N16 46.17	286 18.37	N22 06.49	168 51.20	S10 53.74	341 04.01	15.70	N10 38.31	11.86	54.10
		v 3.44	d 0.45	v 1.00	d 0.64	v 2.14	d 0.09	v 2.51	d 0.00	v 0.11	d 0.89	SD	14.70	14.72		
		HP 0.51		HP 0.06						SD 16.07	HP 0.15					

Tuesday October 22, 2002 through Wednesday October 23, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
22 00	030 15.11	171 52.57	S22 24.17	206 09.86	S00 37.13	252 25.12	N16 46.08	301 20.89	N22 06.49	183 51.30	S10 54.63	355 38.70	15.65	N10 50.17	11.82	54.10
01	045 17.58	186 56.08	S22 23.66	221 10.86	S00 37.77	267 27.27	N16 46.00	316 23.41	N22 06.49	198 51.40	S10 55.51	010 13.35	15.61	N11 01.99	11.78	54.11
02	060 20.04	201 59.60	S22 23.14	236 11.87	S00 38.41	282 29.41	N16 45.91	331 25.92	N22 06.49	213 51.50	S10 56.40	024 47.96	15.57	N11 13.77	11.74	54.12
03	075 22.50	217 03.12	S22 22.62	251 12.87	S00 39.05	297 31.56	N16 45.83	346 28.44	N22 06.48	228 51.59	S10 57.28	039 22.53	15.52	N11 25.51	11.70	54.12
04	090 24.97	232 06.64	S22 22.10	266 13.87	S00 39.69	312 33.71	N16 45.74	001 30.95	N22 06.48	243 51.69	S10 58.17	053 57.05	15.48	N11 37.21	11.66	54.13
05	105 27.43	247 10.17	S22 21.58	281 14.87	S00 40.33	327 35.86	N16 45.66	016 33.47	N22 06.48	258 51.79	S10 59.05	068 31.53	15.43	N11 48.87	11.61	54.14
06	120 29.90	262 13.70	S22 21.06	296 15.88	S00 40.97	342 38.02	N16 45.57	031 35.99	N22 06.48	273 51.88	S10 59.94	083 05.96	15.38	N12 00.48	11.57	54.14
07	135 32.36	277 17.23	S22 20.53	311 16.88	S00 41.61	357 40.17	N16 45.49	046 38.51	N22 06.47	288 51.98	S11 00.82	097 40.34	15.34	N12 12.05	11.53	54.15
08	150 34.82	292 20.76	S22 20.00	326 17.88	S00 42.25	012 42.32	N16 45.40	061 41.02	N22 06.47	303 52.08	S11 01.71	112 14.67	15.29	N12 23.58	11.48	54.16
09	165 37.29	307 24.30	S22 19.47	341 18.88	S00 42.89	027 44.47	N16 45.32	076 43.54	N22 06.47	318 52.17	S11 02.59	126 48.96	15.24	N12 35.06	11.44	54.17
10	180 39.75	322 27.84	S22 18.94	356 19.89	S00 43.53	042 46.62	N16 45.23	091 46.06	N22 06.47	333 52.27	S11 03.47	141 23.20	15.19	N12 46.49	11.39	54.17
11	195 42.22	337 31.38	S22 18.40	011 20.89	S00 44.17	057 48.77	N16 45.15	106 48.58	N22 06.46	348 52.36	S11 04.35	155 57.39	15.14	N12 57.88	11.34	54.18
12	210 44.68	352 34.93	S22 17.86	026 21.89	S00 44.81	072 50.92	N16 45.06	121 51.10	N22 06.46	003 52.46	S11 05.24	170 31.53	15.09	N13 09.22	11.29	54.19
13	225 47.14	007 38.47	S22 17.32	041 22.89	S00 45.45	087 53.08	N16 44.98	136 53.61	N22 06.46	018 52.55	S11 06.12	185 05.61	15.04	N13 20.52	11.24	54.20
14	240 49.61	022 42.02	S22 16.77	056 23.90	S00 46.08	102 55.23	N16 44.90	151 56.13	N22 06.46	033 52.65	S11 07.00	199 39.65	14.98	N13 31.76	11.19	54.21
15	255 52.07	037 45.58	S22 16.23	071 24.90	S00 46.72	117 57.38	N16 44.81	166 58.65	N22 06.46	048 52.74	S11 07.88	214 13.63	14.93	N13 42.95	11.14	54.22
16	270 54.54	052 49.13	S22 15.68	086 25.90	S00 47.36	132 59.53	N16 44.73	182 01.17	N22 06.45	063 52.84	S11 08.76	228 47.56	14.88	N13 54.09	11.09	54.23
17	285 57.00	067 52.69	S22 15.13	101 26.90	S00 48.00	148 01.69	N16 44.64	197 03.69	N22 06.45	078 52.93	S11 09.64	243 21.44	14.82	N14 05.18	11.04	54.23
18	300 59.46	082 56.26	S22 14.57	116 27.91	S00 48.64	163 03.84	N16 44.56	212 06.21	N22 06.45	093 53.02	S11 10.53	257 55.26	14.77	N14 16.22	10.98	54.24
19	316 01.93	097 59.82	S22 14.02	131 28.91	S00 49.28	178 05.99	N16 44.48	227 08.73	N22 06.45	108 53.12	S11 11.41	272 29.03	14.71	N14 27.20	10.93	54.25
20	331 04.39	113 03.39	S22 13.46	146 29.91	S00 49.92	193 08.15	N16 44.39	242 11.25	N22 06.44	123 53.21	S11 12.29	287 02.74	14.66	N14 38.13	10.87	54.26
21	346 06.86	128 06.96	S22 12.90	161 30.91	S00 50.56	208 10.30	N16 44.31	257 13.77	N22 06.44	138 53.30	S11 13.17	301 36.40	14.60	N14 49.00	10.82	54.27
22	001 09.32	143 10.53	S22 12.33	176 31.91	S00 51.20	223 12.46	N16 44.22	272 16.29	N22 06.44	153 53.39	S11 14.05	316 10.00	14.54	N14 59.82	10.76	54.28
23	016 11.79	158 14.11	S22 11.77	191 32.92	S00 51.84	238 14.61	N16 44.14	287 18.81	N22 06.44	168 53.48	S11 14.92	330 43.54	14.48	N15 10.58	10.70	54.29
23 00	031 14.25	173 17.68	S22 11.20	206 33.92	S00 52.48	253 16.76	N16 44.06	302 21.33	N22 06.44	183 53.58	S11 15.80	345 17.02	14.43	N15 21.28	10.64	54.30
01	046 16.71	188 21.26	S22 10.63	221 34.92	S00 53.12	268 18.92	N16 43.97	317 23.85	N22 06.43	198 53.67	S11 16.68	359 50.45	14.37	N15 31.92	10.58	54.31
02	061 19.18	203 24.85	S22 10.06	236 35.92	S00 53.76	283 21.08	N16 43.89	332 26.37	N22 06.43	213 53.76	S11 17.56	014 23.82	14.31	N15 42.51	10.52	54.32
03	076 21.64	218 28.43	S22 09.48	251 36.92	S00 54.40	298 23.23	N16 43.81	347 28.89	N22 06.43	228 53.85	S11 18.44	028 57.12	14.25	N15 53.03	10.46	54.33
04	091 24.11	233 32.02	S22 08.90	266 37.93	S00 55.04	313 25.39	N16 43.72	002 31.42	N22 06.43	243 53.94	S11 19.32	043 30.37	14.19	N16 03.49	10.40	54.34
05	106 26.57	248 35.61	S22 08.32	281 38.93	S00 55.68	328 27.54	N16 43.64	017 33.94	N22 06.42	258 54.03	S11 20.19	058 03.56	14.13	N16 13.89	10.33	54.35
06	121 29.03	263 39.21	S22 07.74	296 39.93	S00 56.32	343 29.70	N16 43.56	032 36.46	N22 06.42	273 54.12	S11 21.07	072 36.68	14.06	N16 24.22	10.27	54.36
07	136 31.50	278 42.80	S22 07.15	311 40.93	S00 56.96	358 31.86	N16 43.47	047 38.98	N22 06.42	288 54.21	S11 21.95	087 09.75	14.00	N16 34.49	10.21	54.37
08	151 33.96	293 46.40	S22 06.57	326 41.93	S00 57.60	013 34.01	N16 43.39	062 41.50	N22 06.42	303 54.30	S11 22.83	101 42.75	13.94	N16 44.70	10.14	54.39
09	166 36.43	308 50.00	S22 05.98	341 42.94	S00 58.24	028 36.17	N16 43.31	077 44.03	N22 06.41	318 54.39	S11 23.70	116 15.69	13.88	N16 54.84	10.07	54.40
10	181 38.89	323 53.61	S22 05.39	356 43.94	S00 58.88	043 38.33	N16 43.23	092 46.55	N22 06.41	333 54.47	S11 24.58	130 48.56	13.81	N17 04.91	10.00	54.41
11	196 41.35	338 57.21	S22 04.79	011 44.94	S00 59.52	058 40.48	N16 43.14	107 49.07	N22 06.41	348 54.56	S11 25.45	145 21.38	13.75	N17 14.92	09.94	54.42
12	211 43.82	354 00.82	S22 04.19	026 45.94	S01 00.16	073 42.64	N16 43.06	122 51.60	N22 06.41	003 54.65	S11 26.33	159 54.12	13.68	N17 24.85	09.87	54.43
13	226 46.28	009 04.43	S22 03.59	041 46.94	S01 00.80	088 44.80	N16 42.98	137 54.12	N22 06.41	018 54.74	S11 27.20	174 26.81	13.62	N17 34.72	09.80	54.44
14	241 48.75	024 08.05	S22 02.99	056 47.95	S01 01.44	103 46.96	N16 42.89	152 56.64	N22 06.40	033 54.83	S11 28.08	188 59.43	13.55	N17 44.51	09.72	54.46
15	256 51.21	039 11.66	S22 02.39	071 48.95	S01 02.07	118 49.12	N16 42.81	167 59.17	N22 06.40	048 54.91	S11 28.95	203 31.98	13.49	N17 54.24	09.65	54.47
16	271 53.68	054 15.28	S22 01.78	086 49.95	S01 02.71	133 51.27	N16 42.73	183 01.69	N22 06.40	063 55.00	S11 29.83	218 04.47	13.42	N18 03.89	09.58	54.48
17	286 56.14	069 18.90	S22 01.17	101 50.95	S01 03.35	148 53.43	N16 42.65	198 04.21	N22 06.40	078 55.09	S11 30.70	232 36.89	13.35	N18 13.47	09.50	54.49
18	301 58.60	084 22.53	S22 00.56	116 51.95	S01 03.99	163 55.59	N16 42.56	213 06.74	N22 06.39	093 55.17	S11 31.57	247 09.24	13.29	N18 22.98	09.43	54.51
19	317 01.07	099 26.15	S21 59.95	131 52.95	S01 04.63	178 57.75	N16 42.48	228 09.26	N22 06.39	108 55.26	S11 32.45	261 41.53	13.22	N18 32.41	09.35	54.52
20	332 03.53	114 29.78	S21 59.33	146 53.96	S01 05.27	193 59.91	N16 42.40	243 11.79	N22 06.39	123 55.34	S11 33.32	276 13.75	13.15	N18 41.76	09.28	54.53
21	347 06.00	129 33.41	S21 58.71	161 54.96	S01 05.91	209 02.07	N16 42.32	258 14.31	N22 06.39	138 55.43	S11 34.19	290 45.90	13.08	N18 51.04	09.20	54.54
22	002 08.46	144 37.05	S21 58.09	176 55.96	S01 06.55	224 04.23	N16 42.24	273 16.84	N22 06.39	153 55.51	S11 35.07	305 17.99	13.02	N19 00.23	09.12	54.56
23	017 10.92	159 40.68	S21 57.47	191 56.96	S01 07.19	239 06.39	N16 42.15	288 19.36	N22 06.38	168 55.60	S11 35.94	319 50.00	12.95	N19 09.35	09.04	54.57
		v 3.58	d 0.57	v 1.00	d 0.64	v 2.16	d 0.08	v 2.52	d 0.00	v 0.09	d 0.88	SD	14.76	14.83		
		HP 0.52		HP 0.06						SD 16.07	HP 0.15					

Thursday October 24, 2002 through Friday October 25, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
24 00	032 13.39	174 44.32	S21 56.85	206 57.96	S01 07.83	254 08.55	N16 42.07	303 21.89	N22 06.38	183 55.68	S11 36.81	334 21.95	12.88	N19 18.39	08.96	54.58
01	047 15.85	189 47.96	S21 56.22	221 58.96	S01 08.47	269 10.71	N16 41.99	318 24.41	N22 06.38	198 55.76	S11 37.68	348 53.83	12.81	N19 27.35	08.88	54.60
02	062 18.32	204 51.60	S21 55.59	236 59.97	S01 09.11	284 12.88	N16 41.91	333 26.94	N22 06.38	213 55.85	S11 38.55	003 25.64	12.74	N19 36.23	08.80	54.61
03	077 20.78	219 55.25	S21 54.96	252 00.97	S01 09.75	299 15.04	N16 41.83	348 29.47	N22 06.37	228 55.93	S11 39.42	017 57.38	12.67	N19 45.03	08.71	54.63
04	092 23.24	234 58.90	S21 54.32	267 01.97	S01 10.39	314 17.20	N16 41.74	003 31.99	N22 06.37	243 56.01	S11 40.29	032 29.05	12.60	N19 53.74	08.63	54.64
05	107 25.71	250 02.55	S21 53.68	282 02.97	S01 11.03	329 19.36	N16 41.66	018 34.52	N22 06.37	258 56.10	S11 41.17	047 00.65	12.53	N20 02.37	08.54	54.65
06	122 28.17	265 06.20	S21 53.05	297 03.97	S01 11.67	344 21.52	N16 41.58	033 37.05	N22 06.37	273 56.18	S11 42.04	061 32.18	12.46	N20 10.91	08.46	54.67
07	137 30.64	280 09.85	S21 52.40	312 04.97	S01 12.30	359 23.68	N16 41.50	048 39.57	N22 06.37	288 56.26	S11 42.90	076 03.64	12.39	N20 19.37	08.37	54.68
08	152 33.10	295 13.51	S21 51.76	327 05.97	S01 12.94	014 25.85	N16 41.42	063 42.10	N22 06.36	303 56.34	S11 43.77	090 35.03	12.32	N20 27.74	08.28	54.70
09	167 35.57	310 17.17	S21 51.11	342 06.98	S01 13.58	029 28.01	N16 41.34	078 44.63	N22 06.36	318 56.42	S11 44.64	105 06.35	12.25	N20 36.02	08.19	54.71
10	182 38.03	325 20.83	S21 50.46	357 07.98	S01 14.22	044 30.17	N16 41.26	093 47.16	N22 06.36	333 56.51	S11 45.51	119 37.60	12.18	N20 44.21	08.10	54.73
11	197 40.49	340 24.49	S21 49.81	012 08.98	S01 14.86	059 32.34	N16 41.17	108 49.68	N22 06.36	348 56.59	S11 46.38	134 08.78	12.11	N20 52.31	08.01	54.74
12	212 42.96	355 28.16	S21 49.16	027 09.98	S01 15.50	074 34.50	N16 41.09	123 52.21	N22 06.35	003 56.67	S11 47.25	148 39.89	12.04	N21 00.32	07.92	54.76
13	227 45.42	010 31.82	S21 48.50	042 10.98	S01 16.14	089 36.66	N16 41.01	138 54.74	N22 06.35	018 56.75	S11 48.12	163 10.92	11.96	N21 08.24	07.83	54.78
14	242 47.89	025 35.49	S21 47.85	057 11.98	S01 16.78	104 38.83	N16 40.93	153 57.27	N22 06.35	033 56.83	S11 48.98	177 41.89	11.89	N21 16.07	07.73	54.79
15	257 50.35	040 39.17	S21 47.19	072 12.98	S01 17.42	119 40.99	N16 40.85	168 59.80	N22 06.35	048 56.91	S11 49.85	192 12.78	11.82	N21 23.80	07.64	54.81
16	272 52.81	055 42.84	S21 46.52	087 13.98	S01 18.06	134 43.16	N16 40.77	184 02.33	N22 06.34	063 56.99	S11 50.72	206 43.60	11.75	N21 31.44	07.54	54.82
17	287 55.28	070 46.51	S21 45.86	102 14.98	S01 18.70	149 45.32	N16 40.69	199 04.85	N22 06.34	078 57.06	S11 51.59	221 14.35	11.68	N21 38.98	07.45	54.84
18	302 57.74	085 50.19	S21 45.19	117 15.99	S01 19.33	164 47.49	N16 40.61	214 07.38	N22 06.34	093 57.14	S11 52.45	235 45.03	11.61	N21 46.43	07.35	54.86
19	318 00.21	100 53.87	S21 44.52	132 16.99	S01 19.97	179 49.65	N16 40.53	229 09.91	N22 06.34	108 57.22	S11 53.32	250 15.64	11.54	N21 53.78	07.25	54.87
20	333 02.67	115 57.56	S21 43.85	147 17.99	S01 20.61	194 51.82	N16 40.45	244 12.44	N22 06.34	123 57.30	S11 54.18	264 46.18	11.47	N22 01.03	07.15	54.89
21	348 05.13	131 01.24	S21 43.18	162 18.99	S01 21.25	209 53.98	N16 40.37	259 14.97	N22 06.33	138 57.38	S11 55.05	279 16.65	11.40	N22 08.18	07.05	54.91
22	003 07.60	146 04.93	S21 42.50	177 19.99	S01 21.89	224 56.15	N16 40.29	274 17.50	N22 06.33	153 57.45	S11 55.91	293 47.04	11.32	N22 15.23	06.95	54.93
23	018 10.06	161 08.61	S21 41.82	192 20.99	S01 22.53	239 58.32	N16 40.21	289 20.03	N22 06.33	168 57.53	S11 56.78	308 17.37	11.25	N22 22.18	06.85	54.94
25 00	033 12.53	176 12.30	S21 41.14	207 21.99	S01 23.17	255 00.48	N16 40.13	304 22.56	N22 06.33	183 57.61	S11 57.64	322 47.62	11.18	N22 29.03	06.75	54.96
01	048 14.99	191 16.00	S21 40.46	222 22.99	S01 23.81	270 02.65	N16 40.04	319 25.09	N22 06.32	198 57.69	S11 58.51	337 17.80	11.11	N22 35.77	06.64	54.98
02	063 17.46	206 19.69	S21 39.77	237 23.99	S01 24.45	285 04.82	N16 39.96	334 27.62	N22 06.32	213 57.76	S11 59.37	351 47.92	11.04	N22 42.41	06.54	55.00
03	078 19.92	221 23.39	S21 39.09	252 24.99	S01 25.09	300 06.98	N16 39.88	349 30.16	N22 06.32	228 57.84	S12 00.23	006 17.96	10.97	N22 48.95	06.43	55.01
04	093 22.38	236 27.08	S21 38.40	267 26.00	S01 25.72	315 09.15	N16 39.80	004 32.69	N22 06.32	243 57.91	S12 01.10	020 47.93	10.90	N22 55.38	06.32	55.03
05	108 24.85	251 30.78	S21 37.71	282 27.00	S01 26.36	330 11.32	N16 39.72	019 35.22	N22 06.32	258 57.99	S12 01.96	035 17.84	10.83	N23 01.71	06.22	55.05
06	123 27.31	266 34.49	S21 37.01	297 28.00	S01 27.00	345 13.49	N16 39.64	034 37.75	N22 06.31	273 58.06	S12 02.82	049 47.67	10.76	N23 07.92	06.11	55.07
07	138 29.78	281 38.19	S21 36.31	312 29.00	S01 27.64	000 15.66	N16 39.56	049 40.28	N22 06.31	288 58.14	S12 03.68	064 17.44	10.70	N23 14.03	06.00	55.09
08	153 32.24	296 41.90	S21 35.62	327 30.00	S01 28.28	015 17.83	N16 39.48	064 42.81	N22 06.31	303 58.21	S12 04.55	078 47.13	10.63	N23 20.03	05.89	55.11
09	168 34.70	311 45.60	S21 34.91	342 31.00	S01 28.92	030 19.99	N16 39.41	079 45.35	N22 06.31	318 58.29	S12 05.41	093 16.76	10.56	N23 25.92	05.78	55.13
10	183 37.17	326 49.31	S21 34.21	357 32.00	S01 29.56	045 22.16	N16 39.33	094 47.88	N22 06.30	333 58.36	S12 06.27	107 46.32	10.49	N23 31.70	05.67	55.15
11	198 39.63	341 53.03	S21 33.51	012 33.00	S01 30.20	060 24.33	N16 39.25	109 50.41	N22 06.30	348 58.43	S12 07.13	122 15.81	10.42	N23 37.37	05.55	55.17
12	213 42.10	356 56.74	S21 32.80	027 34.00	S01 30.83	075 26.50	N16 39.17	124 52.94	N22 06.30	003 58.51	S12 07.99	136 45.23	10.36	N23 42.92	05.44	55.18
13	228 44.56	012 00.45	S21 32.09	042 35.00	S01 31.47	090 28.67	N16 39.09	139 55.48	N22 06.30	018 58.58	S12 08.85	151 14.59	10.29	N23 48.36	05.33	55.20
14	243 47.03	027 04.17	S21 31.38	057 36.00	S01 32.11	105 30.84	N16 39.01	154 58.01	N22 06.30	033 58.65	S12 09.71	165 43.88	10.22	N23 53.69	05.21	55.22
15	258 49.49	042 07.89	S21 30.66	072 37.00	S01 32.75	120 33.01	N16 38.93	170 00.54	N22 06.29	048 58.72	S12 10.57	180 13.10	10.16	N23 58.90	05.09	55.24
16	273 51.95	057 11.61	S21 29.95	087 38.00	S01 33.39	135 35.18	N16 38.85	185 03.08	N22 06.29	063 58.79	S12 11.43	194 42.26	10.09	N24 03.99	04.98	55.27
17	288 54.42	072 15.33	S21 29.23	102 39.00	S01 34.03	150 37.35	N16 38.77	200 05.61	N22 06.29	078 58.87	S12 12.29	209 11.35	10.03	N24 08.97	04.86	55.29
18	303 56.88	087 19.05	S21 28.51	117 40.00	S01 34.67	165 39.53	N16 38.69	215 08.14	N22 06.29	093 58.94	S12 13.15	223 40.38	09.96	N24 13.83	04.74	55.31
19	318 59.35	102 22.78	S21 27.78	132 41.00	S01 35.31	180 41.70	N16 38.61	230 10.68	N22 06.28	108 59.01	S12 14.01	238 09.34	09.90	N24 18.57	04.62	55.33
20	334 01.81	117 26.51	S21 27.06	147 42.00	S01 35.94	195 43.87	N16 38.53	245 13.21	N22 06.28	123 59.08	S12 14.86	252 38.24	09.84	N24 23.20	04.50	55.35
21	349 04.27	132 30.24	S21 26.33	162 43.00	S01 36.58	210 46.04	N16 38.45	260 15.75	N22 06.28	138 59.15	S12 15.72	267 07.08	09.77	N24 27.70	04.38	55.37
22	004 06.74	147 33.97	S21 25.60	177 44.00	S01 37.22	225 48.21	N16 38.37	275 18.28	N22 06.28	153 59.22	S12 16.58	281 35.85	09.71	N24 32.08	04.26	55.39
23	019 09.20	162 37.70	S21 24.87	192 45.00	S01 37.86	240 50.38	N16 38.30	290 20.82	N22 06.28	168 59.29	S12 17.44	296 04.56	09.65	N24 36.34	04.14	55.41
		v 3.69	d 0.68	v 1.00	d 0.64	v 2.17	d 0.08	v 2.53	d 0.00	v 0.08	d 0.86	SD	14.92	15.03		
		HP 0.53		HP 0.06						SD 16.08	HP 0.15					

Saturday October 26, 2002 through Sunday October 27, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
26 00	034 11.67	177 41.43	S21 24.14	207 46.00	S01 38.50	255 52.56	N16 38.22	305 23.35	N22 06.27	183 59.36	S12 18.29	310 33.21	09.59	N24 40.48	04.01	55.43
01	049 14.13	192 45.17	S21 23.40	222 47.00	S01 39.14	270 54.73	N16 38.14	320 25.89	N22 06.27	198 59.42	S12 19.15	325 01.80	09.53	N24 44.49	03.89	55.46
02	064 16.60	207 48.91	S21 22.66	237 48.00	S01 39.78	285 56.90	N16 38.06	335 28.42	N22 06.27	213 59.49	S12 20.01	339 30.33	09.47	N24 48.38	03.76	55.48
03	079 19.06	222 52.65	S21 21.92	252 49.00	S01 40.41	300 59.08	N16 37.98	350 30.96	N22 06.27	228 59.56	S12 20.86	353 58.80	09.41	N24 52.14	03.64	55.50
04	094 21.52	237 56.39	S21 21.18	267 50.00	S01 41.05	316 01.25	N16 37.90	005 33.50	N22 06.26	243 59.63	S12 21.72	008 27.22	09.35	N24 55.78	03.51	55.52
05	109 23.99	253 00.13	S21 20.43	282 51.00	S01 41.69	331 03.42	N16 37.83	020 36.03	N22 06.26	258 59.70	S12 22.57	022 55.57	09.30	N24 59.29	03.39	55.55
06	124 26.45	268 03.87	S21 19.69	297 52.00	S01 42.33	346 05.60	N16 37.75	035 38.57	N22 06.26	273 59.76	S12 23.43	037 23.87	09.24	N25 02.68	03.26	55.57
07	139 28.92	283 07.62	S21 18.94	312 53.00	S01 42.97	001 07.77	N16 37.67	050 41.10	N22 06.26	288 59.83	S12 24.28	051 52.11	09.19	N25 05.94	03.13	55.59
08	154 31.38	298 11.36	S21 18.19	327 54.00	S01 43.61	016 09.95	N16 37.59	065 43.64	N22 06.26	303 59.90	S12 25.14	066 20.29	09.13	N25 09.07	03.00	55.62
09	169 33.84	313 15.11	S21 17.43	342 55.00	S01 44.24	031 12.12	N16 37.51	080 46.18	N22 06.25	318 59.96	S12 25.99	080 48.42	09.08	N25 12.07	02.87	55.64
10	184 36.31	328 18.86	S21 16.68	357 56.00	S01 44.88	046 14.30	N16 37.43	095 48.72	N22 06.25	334 00.03	S12 26.84	095 16.50	09.02	N25 14.94	02.74	55.66
11	199 38.77	343 22.61	S21 15.92	012 57.00	S01 45.52	061 16.47	N16 37.36	110 51.25	N22 06.25	349 00.10	S12 27.70	109 44.53	08.97	N25 17.67	02.61	55.69
12	214 41.24	358 26.36	S21 15.16	027 58.00	S01 46.16	076 18.65	N16 37.28	125 53.79	N22 06.25	004 00.16	S12 28.55	124 12.50	08.92	N25 20.28	02.48	55.71
13	229 43.70	013 30.12	S21 14.40	042 59.00	S01 46.80	091 20.82	N16 37.20	140 56.33	N22 06.24	019 00.23	S12 29.40	138 40.42	08.87	N25 22.76	02.34	55.73
14	244 46.17	028 33.87	S21 13.64	058 00.00	S01 47.44	106 23.00	N16 37.12	155 58.87	N22 06.24	034 00.29	S12 30.25	153 08.29	08.82	N25 25.10	02.21	55.76
15	259 48.63	043 37.63	S21 12.87	073 01.00	S01 48.07	121 25.18	N16 37.05	171 01.40	N22 06.24	049 00.35	S12 31.11	167 36.11	08.77	N25 27.31	02.08	55.78
16	274 51.09	058 41.39	S21 12.10	088 02.00	S01 48.71	136 27.35	N16 36.97	186 03.94	N22 06.24	064 00.42	S12 31.96	182 03.88	08.73	N25 29.39	01.94	55.81
17	289 53.56	073 45.15	S21 11.33	103 03.00	S01 49.35	151 29.53	N16 36.89	201 06.48	N22 06.24	079 00.48	S12 32.81	196 31.61	08.68	N25 31.33	01.81	55.83
18	304 56.02	088 48.91	S21 10.56	118 04.00	S01 49.99	166 31.71	N16 36.81	216 09.02	N22 06.23	094 00.55	S12 33.66	210 59.29	08.63	N25 33.14	01.67	55.86
19	319 58.49	103 52.67	S21 09.79	133 05.00	S01 50.63	181 33.88	N16 36.74	231 11.56	N22 06.23	109 00.61	S12 34.51	225 26.92	08.59	N25 34.81	01.54	55.88
20	335 00.95	118 56.43	S21 09.01	148 06.00	S01 51.26	196 36.06	N16 36.66	246 14.10	N22 06.23	124 00.67	S12 35.36	239 54.51	08.55	N25 36.35	01.40	55.91
21	350 03.41	134 00.20	S21 08.23	163 07.00	S01 51.90	211 38.24	N16 36.58	261 16.64	N22 06.23	139 00.73	S12 36.21	254 22.06	08.50	N25 37.75	01.26	55.93
22	005 05.88	149 03.96	S21 07.45	178 08.00	S01 52.54	226 40.42	N16 36.50	276 19.18	N22 06.22	154 00.80	S12 37.06	268 49.56	08.46	N25 39.01	01.12	55.96
23	020 08.34	164 07.73	S21 06.67	193 09.00	S01 53.18	241 42.60	N16 36.43	291 21.72	N22 06.22	169 00.86	S12 37.91	283 17.02	08.42	N25 40.13	00.99	55.99
27 00	035 10.81	179 11.50	S21 05.89	208 10.00	S01 53.82	256 44.78	N16 36.35	306 24.26	N22 06.22	184 00.92	S12 38.76	297 44.44	08.38	N25 41.12	00.85	56.01
01	050 13.27	194 15.27	S21 05.10	223 11.00	S01 54.45	271 46.95	N16 36.27	321 26.80	N22 06.22	199 00.98	S12 39.61	312 11.82	08.34	N25 41.96	00.71	56.04
02	065 15.74	209 19.04	S21 04.31	238 12.00	S01 55.09	286 49.13	N16 36.20	336 29.34	N22 06.22	214 01.04	S12 40.45	326 39.16	08.31	N25 42.67	00.57	56.07
03	080 18.20	224 22.81	S21 03.52	253 13.00	S01 55.73	301 51.31	N16 36.12	351 31.88	N22 06.21	229 01.10	S12 41.30	341 06.47	08.27	N25 43.24	00.43	56.09
04	095 20.66	239 26.59	S21 02.73	268 14.00	S01 56.37	316 53.49	N16 36.04	006 34.42	N22 06.21	244 01.16	S12 42.15	355 33.74	08.24	N25 43.67	00.29	56.12
05	110 23.13	254 30.36	S21 01.94	283 15.00	S01 57.01	331 55.67	N16 35.97	021 36.96	N22 06.21	259 01.22	S12 43.00	010 00.98	08.20	N25 43.95	00.15	56.15
06	125 25.59	269 34.14	S21 01.14	298 16.00	S01 57.64	346 57.85	N16 35.89	036 39.50	N22 06.21	274 01.28	S12 43.84	024 28.18	08.17	N25 44.10	00.00	56.17
07	140 28.06	284 37.91	S21 00.34	313 16.99	S01 58.28	002 00.03	N16 35.81	051 42.04	N22 06.20	289 01.34	S12 44.69	038 55.35	08.14	N25 44.10	00.14	56.20
08	155 30.52	299 41.69	S20 59.54	328 17.99	S01 58.92	017 02.21	N16 35.74	066 44.58	N22 06.20	304 01.40	S12 45.54	053 22.48	08.11	N25 43.97	00.28	56.23
09	170 32.98	314 45.47	S20 58.74	343 18.99	S01 59.56	032 04.40	N16 35.66	081 47.13	N22 06.20	319 01.46	S12 46.38	067 49.59	08.08	N25 43.69	00.42	56.26
10	185 35.45	329 49.25	S20 57.93	358 19.99	S02 00.20	047 06.58	N16 35.58	096 49.67	N22 06.20	334 01.51	S12 47.23	082 16.67	08.05	N25 43.27	00.56	56.28
11	200 37.91	344 53.03	S20 57.13	013 20.99	S02 00.83	062 08.76	N16 35.51	111 52.21	N22 06.20	349 01.57	S12 48.07	096 43.71	08.02	N25 42.70	00.71	56.31
12	215 40.38	359 56.81	S20 56.32	028 21.99	S02 01.47	077 10.94	N16 35.43	126 54.75	N22 06.19	004 01.63	S12 48.92	111 10.74	08.00	N25 41.99	00.85	56.34
13	230 42.84	015 00.60	S20 55.51	043 22.99	S02 02.11	092 13.12	N16 35.36	141 57.30	N22 06.19	019 01.69	S12 49.76	125 37.73	07.97	N25 41.14	01.00	56.37
14	245 45.31	030 04.38	S20 54.70	058 23.99	S02 02.75	107 15.30	N16 35.28	156 59.84	N22 06.19	034 01.74	S12 50.61	140 04.70	07.95	N25 40.15	01.14	56.40
15	260 47.77	045 08.17	S20 53.88	073 24.99	S02 03.38	122 17.49	N16 35.20	172 02.38	N22 06.19	049 01.80	S12 51.45	154 31.65	07.93	N25 39.01	01.28	56.43
16	275 50.23	060 11.95	S20 53.07	088 25.99	S02 04.02	137 19.67	N16 35.13	187 04.92	N22 06.19	064 01.86	S12 52.29	168 58.58	07.90	N25 37.72	01.43	56.45
17	290 52.70	075 15.74	S20 52.25	103 26.98	S02 04.66	152 21.85	N16 35.05	202 07.47	N22 06.18	079 01.91	S12 53.14	183 25.48	07.88	N25 36.29	01.57	56.48
18	305 55.16	090 19.53	S20 51.43	118 27.98	S02 05.30	167 24.04	N16 34.98	217 10.01	N22 06.18	094 01.97	S12 53.98	197 52.36	07.87	N25 34.72	01.72	56.51
19	320 57.63	105 23.32	S20 50.61	133 28.98	S02 05.94	182 26.22	N16 34.90	232 12.55	N22 06.18	109 02.02	S12 54.82	212 19.23	07.85	N25 33.00	01.86	56.54
20	336 00.09	120 27.11	S20 49.78	148 29.98	S02 06.57	197 28.40	N16 34.83	247 15.10	N22 06.18	124 02.08	S12 55.66	226 46.08	07.83	N25 31.14	02.01	56.57
21	351 02.55	135 30.90	S20 48.96	163 30.98	S02 07.21	212 30.59	N16 34.75	262 17.64	N22 06.17	139 02.13	S12 56.50	241 12.91	07.82	N25 29.13	02.15	56.60
22	006 05.02	150 34.69	S20 48.13	178 31.98	S02 07.85	227 32.77	N16 34.67	277 20.19	N22 06.17	154 02.19	S12 57.35	255 39.72	07.80	N25 26.98	02.30	56.63
23	021 07.48	165 38.48	S20 47.30	193 32.98	S02 08.49	242 34.96	N16 34.60	292 22.73	N22 06.17	169 02.24	S12 58.19	270 06.53	07.79	N25 24.68	02.45	56.66
		v 3.77	d 0.79	v 1.00	d 0.64	v 2.18	d 0.08	v 2.54	d 0.00	v 0.06	d 0.85	SD	15.18	15.35		
		HP 0.53		HP 0.06						SD 16.09	HP 0.15					

Monday October 28, 2002 through Tuesday October 29, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
28 00	036 09.95	180 42.28	S20 46.47	208 33.97	S02 09.12	257 37.14	N16 34.52	307 25.28	N22 06.17	184 02.29	S12 59.03	284 33.31	07.78	N25 22.23	02.59	56.69
01	051 12.41	195 46.07	S20 45.64	223 34.97	S02 09.76	272 39.33	N16 34.45	322 27.82	N22 06.17	199 02.35	S12 59.87	299 00.09	07.77	N25 19.64	02.74	56.72
02	066 14.88	210 49.87	S20 44.80	238 35.97	S02 10.40	287 41.51	N16 34.37	337 30.37	N22 06.16	214 02.40	S13 00.71	313 26.86	07.76	N25 16.90	02.88	56.75
03	081 17.34	225 53.66	S20 43.96	253 36.97	S02 11.03	302 43.70	N16 34.30	352 32.91	N22 06.16	229 02.45	S13 01.55	327 53.61	07.75	N25 14.02	03.03	56.78
04	096 19.80	240 57.46	S20 43.13	268 37.97	S02 11.67	317 45.88	N16 34.22	007 35.46	N22 06.16	244 02.50	S13 02.39	342 20.36	07.74	N25 10.99	03.18	56.82
05	111 22.27	256 01.26	S20 42.29	283 38.97	S02 12.31	332 48.07	N16 34.15	022 38.00	N22 06.16	259 02.56	S13 03.23	356 47.10	07.73	N25 07.81	03.32	56.85
06	126 24.73	271 05.05	S20 41.44	298 39.97	S02 12.95	347 50.26	N16 34.07	037 40.55	N22 06.15	274 02.61	S13 04.06	011 13.84	07.73	N25 04.49	03.47	56.88
07	141 27.20	286 08.85	S20 40.60	313 40.96	S02 13.58	002 52.44	N16 34.00	052 43.10	N22 06.15	289 02.66	S13 04.90	025 40.57	07.73	N25 01.02	03.61	56.91
08	156 29.66	301 12.65	S20 39.75	328 41.96	S02 14.22	017 54.63	N16 33.92	067 45.64	N22 06.15	304 02.71	S13 05.74	040 07.29	07.72	N24 57.41	03.76	56.94
09	171 32.13	316 16.45	S20 38.90	343 42.96	S02 14.86	032 56.82	N16 33.85	082 48.19	N22 06.15	319 02.76	S13 06.58	054 34.02	07.72	N24 53.65	03.91	56.97
10	186 34.59	331 20.25	S20 38.05	358 43.96	S02 15.50	047 59.00	N16 33.78	097 50.73	N22 06.15	334 02.81	S13 07.41	069 00.74	07.72	N24 49.74	04.05	57.00
11	201 37.05	346 24.06	S20 37.20	013 44.96	S02 16.13	063 01.19	N16 33.70	112 53.28	N22 06.14	349 02.86	S13 08.25	083 27.46	07.72	N24 45.69	04.20	57.04
12	216 39.52	001 27.86	S20 36.35	028 45.95	S02 16.77	078 03.38	N16 33.63	127 55.83	N22 06.14	004 02.91	S13 09.09	097 54.18	07.72	N24 41.49	04.34	57.07
13	231 41.98	016 31.66	S20 35.50	043 46.95	S02 17.41	093 05.57	N16 33.55	142 58.38	N22 06.14	019 02.96	S13 09.92	112 20.90	07.73	N24 37.14	04.49	57.10
14	246 44.45	031 35.46	S20 34.64	058 47.95	S02 18.04	108 07.76	N16 33.48	158 00.92	N22 06.14	034 03.01	S13 10.76	126 47.63	07.73	N24 32.66	04.63	57.13
15	261 46.91	046 39.27	S20 33.78	073 48.95	S02 18.68	123 09.94	N16 33.40	173 03.47	N22 06.14	049 03.05	S13 11.59	141 14.36	07.73	N24 28.02	04.78	57.16
16	276 49.37	061 43.07	S20 32.92	088 49.95	S02 19.32	138 12.13	N16 33.33	188 06.02	N22 06.13	064 03.10	S13 12.43	155 41.09	07.74	N24 23.24	04.92	57.20
17	291 51.84	076 46.88	S20 32.06	103 50.94	S02 19.96	153 14.32	N16 33.26	203 08.57	N22 06.13	079 03.15	S13 13.26	170 07.83	07.75	N24 18.32	05.07	57.23
18	306 54.30	091 50.68	S20 31.19	118 51.94	S02 20.59	168 16.51	N16 33.18	218 11.12	N22 06.13	094 03.20	S13 14.10	184 34.58	07.75	N24 13.25	05.21	57.26
19	321 56.77	106 54.49	S20 30.33	133 52.94	S02 21.23	183 18.70	N16 33.11	233 13.66	N22 06.13	109 03.24	S13 14.93	199 01.33	07.76	N24 08.03	05.36	57.30
20	336 59.23	121 58.30	S20 29.46	148 53.94	S02 21.87	198 20.89	N16 33.03	248 16.21	N22 06.12	124 03.29	S13 15.77	213 28.09	07.77	N24 02.67	05.50	57.33
21	352 01.69	137 02.11	S20 28.59	163 54.94	S02 22.50	213 23.08	N16 32.96	263 18.76	N22 06.12	139 03.34	S13 16.60	227 54.87	07.78	N23 57.17	05.65	57.36
22	007 04.16	152 05.91	S20 27.72	178 55.93	S02 23.14	228 25.27	N16 32.89	278 21.31	N22 06.12	154 03.38	S13 17.43	242 21.65	07.79	N23 51.52	05.79	57.40
23	022 06.62	167 09.72	S20 26.85	193 56.93	S02 23.78	243 27.46	N16 32.81	293 23.86	N22 06.12	169 03.43	S13 18.26	256 48.44	07.81	N23 45.73	05.93	57.43
29 00	037 09.09	182 13.53	S20 25.97	208 57.93	S02 24.41	258 29.66	N16 32.74	308 26.41	N22 06.12	184 03.47	S13 19.10	271 15.25	07.82	N23 39.80	06.08	57.46
01	052 11.55	197 17.34	S20 25.10	223 58.93	S02 25.05	273 31.85	N16 32.67	323 28.96	N22 06.11	199 03.52	S13 19.93	285 42.07	07.83	N23 33.72	06.22	57.50
02	067 14.02	212 21.15	S20 24.22	238 59.92	S02 25.69	288 34.04	N16 32.59	338 31.51	N22 06.11	214 03.56	S13 20.76	300 08.90	07.85	N23 27.50	06.36	57.53
03	082 16.48	227 24.96	S20 23.34	254 00.92	S02 26.32	303 36.23	N16 32.52	353 34.06	N22 06.11	229 03.61	S13 21.59	314 35.75	07.86	N23 21.14	06.50	57.56
04	097 18.94	242 28.77	S20 22.46	269 01.92	S02 26.96	318 38.42	N16 32.45	008 36.61	N22 06.11	244 03.65	S13 22.42	329 02.61	07.88	N23 14.64	06.64	57.60
05	112 21.41	257 32.58	S20 21.58	284 02.92	S02 27.60	333 40.61	N16 32.37	023 39.16	N22 06.10	259 03.70	S13 23.25	343 29.49	07.90	N23 08.00	06.79	57.63
06	127 23.87	272 36.39	S20 20.69	299 03.91	S02 28.23	348 42.81	N16 32.30	038 41.71	N22 06.10	274 03.74	S13 24.08	357 56.39	07.92	N23 01.21	06.93	57.67
07	142 26.34	287 40.20	S20 19.81	314 04.91	S02 28.87	003 45.00	N16 32.23	053 44.26	N22 06.10	289 03.78	S13 24.91	012 23.31	07.93	N22 54.29	07.07	57.70
08	157 28.80	302 44.01	S20 18.92	329 05.91	S02 29.51	018 47.19	N16 32.15	068 46.81	N22 06.10	304 03.83	S13 25.74	026 50.24	07.95	N22 47.22	07.21	57.74
09	172 31.26	317 47.82	S20 18.03	344 06.91	S02 30.14	033 49.39	N16 32.08	083 49.36	N22 06.10	319 03.87	S13 26.57	041 17.19	07.97	N22 40.01	07.34	57.77
10	187 33.73	332 51.64	S20 17.14	359 07.90	S02 30.78	048 51.58	N16 32.01	098 51.91	N22 06.09	334 03.91	S13 27.40	055 44.17	07.99	N22 32.67	07.48	57.80
11	202 36.19	347 55.45	S20 16.25	014 08.90	S02 31.42	063 53.77	N16 31.94	113 54.47	N22 06.09	349 03.95	S13 28.23	070 11.16	08.02	N22 25.19	07.62	57.84
12	217 38.66	002 59.26	S20 15.35	029 09.90	S02 32.05	078 55.97	N16 31.86	128 57.02	N22 06.09	004 03.99	S13 29.05	084 38.18	08.04	N22 17.57	07.76	57.87
13	232 41.12	018 03.07	S20 14.46	044 10.90	S02 32.69	093 58.16	N16 31.79	143 59.57	N22 06.09	019 04.03	S13 29.88	099 05.22	08.06	N22 09.81	07.90	57.91
14	247 43.59	033 06.89	S20 13.56	059 11.89	S02 33.33	109 00.36	N16 31.72	159 02.12	N22 06.09	034 04.07	S13 30.71	113 32.28	08.08	N22 01.91	08.03	57.94
15	262 46.05	048 10.70	S20 12.66	074 12.89	S02 33.96	124 02.55	N16 31.65	174 04.68	N22 06.08	049 04.11	S13 31.54	127 59.36	08.11	N21 53.88	08.17	57.98
16	277 48.51	063 14.51	S20 11.76	089 13.89	S02 34.60	139 04.75	N16 31.57	189 07.23	N22 06.08	064 04.15	S13 32.36	142 26.47	08.13	N21 45.71	08.30	58.01
17	292 50.98	078 18.33	S20 10.86	104 14.88	S02 35.24	154 06.94	N16 31.50	204 09.78	N22 06.08	079 04.19	S13 33.19	156 53.60	08.16	N21 37.41	08.44	58.05
18	307 53.44	093 22.14	S20 09.96	119 15.88	S02 35.87	169 09.14	N16 31.43	219 12.33	N22 06.08	094 04.23	S13 34.01	171 20.76	08.18	N21 28.97	08.57	58.08
19	322 55.91	108 25.95	S20 09.05	134 16.88	S02 36.51	184 11.34	N16 31.36	234 14.89	N22 06.07	109 04.27	S13 34.84	185 47.94	08.21	N21 20.40	08.70	58.12
20	337 58.37	123 29.77	S20 08.14	149 17.87	S02 37.14	199 13.53	N16 31.29	249 17.44	N22 06.07	124 04.31	S13 35.66	200 15.15	08.23	N21 11.69	08.84	58.15
21	353 00.83	138 33.58	S20 07.24	164 18.87	S02 37.78	214 15.73	N16 31.21	264 19.99	N22 06.07	139 04.35	S13 36.49	214 42.38	08.26	N21 02.86	08.97	58.19
22	008 03.30	153 37.39	S20 06.33	179 19.87	S02 38.42	229 17.93	N16 31.14	279 22.55	N22 06.07	154 04.39	S13 37.31	229 09.65	08.29	N20 53.89	09.10	58.23
23	023 05.76	168 41.21	S20 05.42	194 20.86	S02 39.05	244 20.12	N16 31.07	294 25.10	N22 06.07	169 04.42	S13 38.14	243 36.93	08.32	N20 44.79	09.23	58.26
		v 3.81	d 0.88	v 1.00	d 0.64	v 2.19	d 0.07	v 2.55	d 0.00	v 0.05	d 0.83	SD	15.55	15.76		
		HP 0.54		HP 0.06						SD 16.10	HP 0.15					

Wednesday October 30, 2002 through Thursday October 31, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
30 00	038 08.23	183 45.02	S20 04.50	209 21.86	S02 39.69	259 22.32	N16 31.00	309 27.66	N22 06.06	184 04.46	S13 38.96	258 04.25	08.34	N20 35.56	09.36	58.30
01	053 10.69	198 48.84	S20 03.59	224 22.86	S02 40.33	274 24.52	N16 30.93	324 30.21	N22 06.06	199 04.50	S13 39.78	272 31.59	08.37	N20 26.19	09.49	58.33
02	068 13.16	213 52.65	S20 02.67	239 23.85	S02 40.96	289 26.72	N16 30.86	339 32.76	N22 06.06	214 04.54	S13 40.61	286 58.96	08.40	N20 16.70	09.62	58.37
03	083 15.62	228 56.46	S20 01.76	254 24.85	S02 41.60	304 28.91	N16 30.78	354 35.32	N22 06.06	229 04.57	S13 41.43	301 26.37	08.43	N20 07.09	09.75	58.40
04	098 18.08	244 00.28	S20 00.84	269 25.85	S02 42.23	319 31.11	N16 30.71	009 37.87	N22 06.06	244 04.61	S13 42.25	315 53.79	08.46	N19 57.34	09.87	58.44
05	113 20.55	259 04.09	S19 59.92	284 26.84	S02 42.87	334 33.31	N16 30.64	024 40.43	N22 06.05	259 04.64	S13 43.07	330 21.25	08.49	N19 47.47	10.00	58.47
06	128 23.01	274 07.90	S19 59.00	299 27.84	S02 43.51	349 35.51	N16 30.57	039 42.98	N22 06.05	274 04.68	S13 43.89	344 48.74	08.52	N19 37.47	10.12	58.51
07	143 25.48	289 11.72	S19 58.07	314 28.84	S02 44.14	004 37.71	N16 30.50	054 45.54	N22 06.05	289 04.71	S13 44.71	359 16.25	08.55	N19 27.34	10.25	58.54
08	158 27.94	304 15.53	S19 57.15	329 29.83	S02 44.78	019 39.91	N16 30.43	069 48.10	N22 06.05	304 04.75	S13 45.53	013 43.80	08.58	N19 17.10	10.37	58.58
09	173 30.40	319 19.34	S19 56.22	344 30.83	S02 45.41	034 42.11	N16 30.36	084 50.65	N22 06.04	319 04.78	S13 46.35	028 11.37	08.60	N19 06.72	10.49	58.62
10	188 32.87	334 23.16	S19 55.30	359 31.83	S02 46.05	049 44.31	N16 30.29	099 53.21	N22 06.04	334 04.81	S13 47.17	042 38.98	08.63	N18 56.23	10.62	58.65
11	203 35.33	349 26.97	S19 54.37	014 32.82	S02 46.68	064 46.51	N16 30.22	114 55.76	N22 06.04	349 04.85	S13 47.99	057 06.61	08.66	N18 45.61	10.74	58.69
12	218 37.80	004 30.78	S19 53.44	029 33.82	S02 47.32	079 48.71	N16 30.14	129 58.32	N22 06.04	004 04.88	S13 48.81	071 34.28	08.69	N18 34.88	10.86	58.72
13	233 40.26	019 34.60	S19 52.51	044 34.82	S02 47.96	094 50.91	N16 30.07	145 00.88	N22 06.04	019 04.91	S13 49.63	086 01.97	08.72	N18 24.02	10.98	58.76
14	248 42.72	034 38.41	S19 51.58	059 35.81	S02 48.59	109 53.11	N16 30.00	160 03.43	N22 06.03	034 04.95	S13 50.45	100 29.70	08.75	N18 13.05	11.09	58.79
15	263 45.19	049 42.22	S19 50.64	074 36.81	S02 49.23	124 55.31	N16 29.93	175 05.99	N22 06.03	049 04.98	S13 51.27	114 57.45	08.78	N18 01.95	11.21	58.83
16	278 47.65	064 46.03	S19 49.71	089 37.80	S02 49.86	139 57.52	N16 29.86	190 08.55	N22 06.03	064 05.01	S13 52.08	129 25.24	08.81	N17 50.74	11.33	58.86
17	293 50.12	079 49.84	S19 48.77	104 38.80	S02 50.50	154 59.72	N16 29.79	205 11.11	N22 06.03	079 05.04	S13 52.90	143 53.05	08.84	N17 39.42	11.44	58.90
18	308 52.58	094 53.65	S19 47.83	119 39.80	S02 51.13	170 01.92	N16 29.72	220 13.66	N22 06.03	094 05.07	S13 53.72	158 20.90	08.87	N17 27.97	11.56	58.93
19	323 55.05	109 57.47	S19 46.89	134 40.79	S02 51.77	185 04.12	N16 29.65	235 16.22	N22 06.02	109 05.10	S13 54.53	172 48.77	08.90	N17 16.42	11.67	58.97
20	338 57.51	125 01.28	S19 45.95	149 41.79	S02 52.41	200 06.32	N16 29.58	250 18.78	N22 06.02	124 05.13	S13 55.35	187 16.67	08.93	N17 04.75	11.78	59.01
21	353 59.97	140 05.09	S19 45.01	164 42.78	S02 53.04	215 08.53	N16 29.51	265 21.34	N22 06.02	139 05.16	S13 56.16	201 44.61	08.96	N16 52.97	11.89	59.04
22	009 02.44	155 08.90	S19 44.07	179 43.78	S02 53.68	230 10.73	N16 29.44	280 23.90	N22 06.02	154 05.19	S13 56.98	216 12.57	08.99	N16 41.08	12.00	59.08
23	024 04.90	170 12.71	S19 43.13	194 44.77	S02 54.31	245 12.93	N16 29.37	295 26.46	N22 06.01	169 05.22	S13 57.79	230 40.56	09.02	N16 29.07	12.11	59.11
31 00	039 07.37	185 16.52	S19 42.18	209 45.77	S02 54.95	260 15.14	N16 29.30	310 29.01	N22 06.01	184 05.25	S13 58.61	245 08.58	09.05	N16 16.96	12.22	59.15
01	054 09.83	200 20.32	S19 41.23	224 46.77	S02 55.58	275 17.34	N16 29.23	325 31.57	N22 06.01	199 05.28	S13 59.42	259 36.63	09.08	N16 04.74	12.33	59.18
02	069 12.29	215 24.13	S19 40.29	239 47.76	S02 56.22	290 19.55	N16 29.16	340 34.13	N22 06.01	214 05.31	S14 00.24	274 04.71	09.11	N15 52.42	12.43	59.21
03	084 14.76	230 27.94	S19 39.34	254 48.76	S02 56.85	305 21.75	N16 29.09	355 36.69	N22 06.01	229 05.34	S14 01.05	288 32.81	09.13	N15 39.98	12.54	59.25
04	099 17.22	245 31.75	S19 38.39	269 49.75	S02 57.49	320 23.96	N16 29.02	010 39.25	N22 06.00	244 05.36	S14 01.86	303 00.95	09.16	N15 27.45	12.64	59.28
05	114 19.69	260 35.56	S19 37.44	284 50.75	S02 58.12	335 26.16	N16 28.95	025 41.81	N22 06.00	259 05.39	S14 02.67	317 29.11	09.19	N15 14.81	12.74	59.32
06	129 22.15	275 39.36	S19 36.48	299 51.74	S02 58.76	350 28.37	N16 28.88	040 44.37	N22 06.00	274 05.42	S14 03.49	331 57.30	09.22	N15 02.07	12.84	59.35
07	144 24.61	290 43.17	S19 35.53	314 52.74	S02 59.39	005 30.57	N16 28.81	055 46.93	N22 06.00	289 05.44	S14 04.30	346 25.51	09.24	N14 49.22	12.94	59.39
08	159 27.08	305 46.98	S19 34.57	329 53.73	S03 00.03	020 32.78	N16 28.75	070 49.49	N22 06.00	304 05.47	S14 05.11	000 53.75	09.27	N14 36.28	13.04	59.42
09	174 29.54	320 50.78	S19 33.62	344 54.73	S03 00.66	035 34.98	N16 28.68	085 52.05	N22 05.99	319 05.49	S14 05.92	015 22.02	09.29	N14 23.24	13.14	59.45
10	189 32.01	335 54.59	S19 32.66	359 55.73	S03 01.30	050 37.19	N16 28.61	100 54.61	N22 05.99	334 05.52	S14 06.73	029 50.31	09.32	N14 10.10	13.24	59.49
11	204 34.47	350 58.39	S19 31.70	014 56.72	S03 01.93	065 39.40	N16 28.54	115 57.17	N22 05.99	349 05.55	S14 07.54	044 18.63	09.34	N13 56.86	13.33	59.52
12	219 36.93	006 02.19	S19 30.74	029 57.72	S03 02.57	080 41.60	N16 28.47	130 59.73	N22 05.99	004 05.57	S14 08.35	058 46.98	09.37	N13 43.53	13.43	59.56
13	234 39.40	021 06.00	S19 29.78	044 58.71	S03 03.20	095 43.81	N16 28.40	146 02.30	N22 05.98	019 05.59	S14 09.16	073 15.34	09.39	N13 30.10	13.52	59.59
14	249 41.86	036 09.80	S19 28.82	059 59.71	S03 03.84	110 46.02	N16 28.33	161 04.86	N22 05.98	034 05.62	S14 09.97	087 43.74	09.41	N13 16.58	13.61	59.62
15	264 44.33	051 13.60	S19 27.86	075 00.70	S03 04.47	125 48.23	N16 28.26	176 07.42	N22 05.98	049 05.64	S14 10.78	102 12.15	09.44	N13 02.97	13.70	59.66
16	279 46.79	066 17.40	S19 26.89	090 01.70	S03 05.11	140 50.44	N16 28.19	191 09.98	N22 05.98	064 05.67	S14 11.58	116 40.59	09.46	N12 49.27	13.79	59.69
17	294 49.25	081 21.20	S19 25.93	105 02.69	S03 05.74	155 52.64	N16 28.13	206 12.54	N22 05.98	079 05.69	S14 12.39	131 09.05	09.48	N12 35.48	13.88	59.72
18	309 51.72	096 25.01	S19 24.96	120 03.69	S03 06.38	170 54.85	N16 28.06	221 15.11	N22 05.97	094 05.71	S14 13.20	145 37.53	09.50	N12 21.61	13.96	59.75
19	324 54.18	111 28.80	S19 23.99	135 04.68	S03 07.01	185 57.06	N16 27.99	236 17.67	N22 05.97	109 05.73	S14 14.01	160 06.03	09.52	N12 07.64	14.05	59.79
20	339 56.65	126 32.60	S19 23.02	150 05.68	S03 07.65	200 59.27	N16 27.92	251 20.23	N22 05.97	124 05.75	S14 14.81	174 34.56	09.54	N11 53.60	14.13	59.82
21	354 59.11	141 36.40	S19 22.05	165 06.67	S03 08.28	216 01.48	N16 27.85	266 22.79	N22 05.97	139 05.78	S14 15.62	189 03.10	09.56	N11 39.46	14.21	59.85
22	010 01.58	156 40.20	S19 21.08	180 07.67	S03 08.92	231 03.69	N16 27.78	281 25.36	N22 05.97	154 05.80	S14 16.43	203 31.66	09.58	N11 25.25	14.30	59.88
23	025 04.04	171 44.00	S19 20.11	195 08.66	S03 09.55	246 05.90	N16 27.72	296 27.92	N22 05.96	169 05.82	S14 17.23	218 00.24	09.60	N11 10.95	14.38	59.91
		v 3.81	d 0.95	v 1.00	d 0.64	v 2.20	d 0.07	v 2.56	d 0.00	v 0.03	d 0.81	SD	16.00	16.22		
		HP 0.54		HP 0.06						SD 16.11	HP 0.15					

Friday November 01, 2002 through Saturday November 02, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
01 00	040 06.50	186 47.79	S19 19.14	210 09.65	S03 10.18	261 08.11	N16 27.65	311 30.48	N22 05.96	184 05.84	S14 18.04	232 28.84	09.62	N10 56.58	14.45	59.94
01	055 08.97	201 51.59	S19 18.16	225 10.65	S03 10.82	276 10.32	N16 27.58	326 33.05	N22 05.96	199 05.86	S14 18.84	246 57.46	09.63	N10 42.12	14.53	59.97
02	070 11.43	216 55.38	S19 17.19	240 11.64	S03 11.45	291 12.53	N16 27.51	341 35.61	N22 05.96	214 05.88	S14 19.64	261 26.09	09.65	N10 27.59	14.61	60.01
03	085 13.90	231 59.18	S19 16.21	255 12.64	S03 12.09	306 14.74	N16 27.45	356 38.18	N22 05.95	229 05.90	S14 20.45	275 54.74	09.66	N10 12.99	14.68	60.04
04	100 16.36	247 02.97	S19 15.24	270 13.63	S03 12.72	321 16.95	N16 27.38	011 40.74	N22 05.95	244 05.92	S14 21.25	290 23.40	09.68	N09 58.31	14.75	60.07
05	115 18.82	262 06.76	S19 14.26	285 14.63	S03 13.36	336 19.17	N16 27.31	026 43.30	N22 05.95	259 05.94	S14 22.05	304 52.08	09.69	N09 43.55	14.82	60.10
06	130 21.29	277 10.55	S19 13.28	300 15.62	S03 13.99	351 21.38	N16 27.24	041 45.87	N22 05.95	274 05.95	S14 22.86	319 20.77	09.70	N09 28.73	14.89	60.13
07	145 23.75	292 14.34	S19 12.30	315 16.62	S03 14.63	006 23.59	N16 27.18	056 48.43	N22 05.95	289 05.97	S14 23.66	333 49.48	09.72	N09 13.83	14.96	60.16
08	160 26.22	307 18.13	S19 11.32	330 17.61	S03 15.26	021 25.80	N16 27.11	071 51.00	N22 05.94	304 05.99	S14 24.46	348 18.19	09.73	N08 58.87	15.03	60.18
09	175 28.68	322 21.92	S19 10.34	345 18.60	S03 15.89	036 28.02	N16 27.04	086 53.56	N22 05.94	319 06.01	S14 25.26	002 46.92	09.74	N08 43.84	15.09	60.21
10	190 31.14	337 25.71	S19 09.36	000 19.60	S03 16.53	051 30.23	N16 26.97	101 56.13	N22 05.94	334 06.02	S14 26.06	017 15.66	09.75	N08 28.75	15.16	60.24
11	205 33.61	352 29.50	S19 08.37	015 20.59	S03 17.16	066 32.44	N16 26.91	116 58.69	N22 05.94	349 06.04	S14 26.86	031 44.41	09.76	N08 13.59	15.22	60.27
12	220 36.07	007 33.29	S19 07.39	030 21.59	S03 17.80	081 34.66	N16 26.84	132 01.26	N22 05.94	004 06.06	S14 27.66	046 13.17	09.77	N07 58.37	15.28	60.30
13	235 38.54	022 37.07	S19 06.40	045 22.58	S03 18.43	096 36.87	N16 26.77	147 03.83	N22 05.93	019 06.07	S14 28.46	060 41.93	09.77	N07 43.08	15.34	60.33
14	250 41.00	037 40.86	S19 05.41	060 23.58	S03 19.06	111 39.08	N16 26.71	162 06.39	N22 05.93	034 06.09	S14 29.26	075 10.71	09.78	N07 27.74	15.40	60.35
15	265 43.46	052 44.64	S19 04.43	075 24.57	S03 19.70	126 41.30	N16 26.64	177 08.96	N22 05.93	049 06.10	S14 30.06	089 39.48	09.78	N07 12.34	15.46	60.38
16	280 45.93	067 48.42	S19 03.44	090 25.56	S03 20.33	141 43.51	N16 26.57	192 11.53	N22 05.93	064 06.12	S14 30.86	104 08.27	09.79	N06 56.89	15.51	60.41
17	295 48.39	082 52.20	S19 02.45	105 26.56	S03 20.97	156 45.73	N16 26.51	207 14.09	N22 05.92	079 06.13	S14 31.66	118 37.06	09.79	N06 41.38	15.56	60.43
18	310 50.86	097 55.99	S19 01.46	120 27.55	S03 21.60	171 47.94	N16 26.44	222 16.66	N22 05.92	094 06.15	S14 32.46	133 05.85	09.80	N06 25.82	15.61	60.46
19	325 53.32	112 59.77	S19 00.47	135 28.54	S03 22.23	186 50.16	N16 26.37	237 19.23	N22 05.92	109 06.16	S14 33.25	147 34.65	09.80	N06 10.20	15.66	60.49
20	340 55.78	128 03.54	S18 59.48	150 29.54	S03 22.87	201 52.37	N16 26.31	252 21.79	N22 05.92	124 06.17	S14 34.05	162 03.45	09.80	N05 54.54	15.71	60.51
21	355 58.25	143 07.32	S18 58.48	165 30.53	S03 23.50	216 54.59	N16 26.24	267 24.36	N22 05.92	139 06.19	S14 34.85	176 32.25	09.80	N05 38.82	15.76	60.54
22	011 00.71	158 11.10	S18 57.49	180 31.53	S03 24.13	231 56.81	N16 26.17	282 26.93	N22 05.91	154 06.20	S14 35.64	191 01.05	09.80	N05 23.07	15.80	60.56
23	026 03.18	173 14.87	S18 56.50	195 32.52	S03 24.77	246 59.02	N16 26.11	297 29.50	N22 05.91	169 06.21	S14 36.44	205 29.84	09.80	N05 07.26	15.85	60.59
02 00	041 05.64	188 18.65	S18 55.50	210 33.51	S03 25.40	262 01.24	N16 26.04	312 32.06	N22 05.91	184 06.22	S14 37.24	219 58.64	09.79	N04 51.41	15.89	60.61
01	056 08.10	203 22.42	S18 54.50	225 34.51	S03 26.03	277 03.46	N16 25.98	327 34.63	N22 05.91	199 06.24	S14 38.03	234 27.44	09.79	N04 35.52	15.93	60.63
02	071 10.57	218 26.20	S18 53.51	240 35.50	S03 26.67	292 05.67	N16 25.91	342 37.20	N22 05.91	214 06.25	S14 38.83	248 56.23	09.79	N04 19.59	15.97	60.66
03	086 13.03	233 29.97	S18 52.51	255 36.49	S03 27.30	307 07.89	N16 25.84	357 39.77	N22 05.90	229 06.26	S14 39.62	263 25.01	09.78	N04 03.63	16.00	60.68
04	101 15.50	248 33.74	S18 51.51	270 37.49	S03 27.94	322 10.11	N16 25.78	012 42.34	N22 05.90	244 06.27	S14 40.41	277 53.79	09.77	N03 47.62	16.04	60.70
05	116 17.96	263 37.51	S18 50.51	285 38.48	S03 28.57	337 12.33	N16 25.71	027 44.91	N22 05.90	259 06.28	S14 41.21	292 22.57	09.77	N03 31.58	16.07	60.72
06	131 20.42	278 41.27	S18 49.51	300 39.47	S03 29.20	352 14.55	N16 25.65	042 47.48	N22 05.90	274 06.29	S14 42.00	306 51.34	09.76	N03 15.51	16.10	60.75
07	146 22.89	293 45.04	S18 48.51	315 40.47	S03 29.84	007 16.77	N16 25.58	057 50.05	N22 05.89	289 06.30	S14 42.79	321 20.10	09.75	N02 59.41	16.13	60.77
08	161 25.35	308 48.81	S18 47.51	330 41.46	S03 30.47	022 18.98	N16 25.52	072 52.62	N22 05.89	304 06.31	S14 43.58	335 48.85	09.74	N02 43.27	16.16	60.79
09	176 27.82	323 52.57	S18 46.51	345 42.45	S03 31.10	037 21.20	N16 25.45	087 55.18	N22 05.89	319 06.32	S14 44.38	350 17.59	09.73	N02 27.11	16.19	60.81
10	191 30.28	338 56.33	S18 45.50	000 43.45	S03 31.73	052 23.42	N16 25.38	102 57.75	N22 05.89	334 06.32	S14 45.17	004 46.31	09.72	N02 10.92	16.21	60.83
11	206 32.75	354 00.10	S18 44.50	015 44.44	S03 32.37	067 25.64	N16 25.32	118 00.32	N22 05.89	349 06.33	S14 45.96	019 15.03	09.70	N01 54.71	16.24	60.85
12	221 35.21	009 03.86	S18 43.49	030 45.43	S03 33.00	082 27.86	N16 25.25	133 02.90	N22 05.88	004 06.34	S14 46.75	033 43.73	09.69	N01 38.48	16.26	60.87
13	236 37.67	024 07.62	S18 42.49	045 46.43	S03 33.63	097 30.08	N16 25.19	148 05.47	N22 05.88	019 06.35	S14 47.54	048 12.42	09.67	N01 22.22	16.28	60.88
14	251 40.14	039 11.37	S18 41.48	060 47.42	S03 34.27	112 32.30	N16 25.12	163 08.04	N22 05.88	034 06.35	S14 48.33	062 41.10	09.66	N01 05.95	16.29	60.90
15	266 42.60	054 15.13	S18 40.47	075 48.41	S03 34.90	127 34.53	N16 25.06	178 10.61	N22 05.88	049 06.36	S14 49.12	077 09.75	09.64	N00 49.65	16.31	60.92
16	281 45.07	069 18.89	S18 39.47	090 49.40	S03 35.53	142 36.75	N16 24.99	193 13.18	N22 05.88	064 06.37	S14 49.91	091 38.39	09.62	N00 33.34	16.32	60.94
17	296 47.53	084 22.64	S18 38.46	105 50.40	S03 36.17	157 38.97	N16 24.93	208 15.75	N22 05.87	079 06.37	S14 50.69	106 07.02	09.60	N00 17.02	16.33	60.95
18	311 49.99	099 26.39	S18 37.45	120 51.39	S03 36.80	172 41.19	N16 24.87	223 18.32	N22 05.87	094 06.38	S14 51.48	120 35.62	09.58	N00 00.69	16.34	60.97
19	326 52.46	114 30.14	S18 36.44	135 52.38	S03 37.43	187 43.41	N16 24.80	238 20.89	N22 05.87	109 06.38	S14 52.27	135 04.20	09.56	S00 15.65	16.35	60.99
20	341 54.92	129 33.89	S18 35.43	150 53.37	S03 38.06	202 45.63	N16 24.74	253 23.46	N22 05.87	124 06.39	S14 53.06	149 32.76	09.54	S00 32.01	16.36	61.00
21	356 57.39	144 37.64	S18 34.42	165 54.37	S03 38.70	217 47.86	N16 24.67	268 26.04	N22 05.86	139 06.39	S14 53.84	164 01.31	09.52	S00 48.36	16.36	61.02
22	011 59.85	159 41.39	S18 33.40	180 55.36	S03 39.33	232 50.08	N16 24.61	283 28.61	N22 05.86	154 06.40	S14 54.63	178 29.82	09.49	S01 04.73	16.36	61.03
23	027 02.31	174 45.14	S18 32.39	195 56.35	S03 39.96	247 52.30	N16 24.54	298 31.18	N22 05.86	169 06.40	S14 55.42	192 58.32	09.47	S01 21.09	16.37	61.05
		v 3.77	d 1.00	v 0.99	d 0.63	v 2.22	d 0.07	v 2.57	d 0.00	v 0.01	d 0.79	SD	16.43	16.58		
		HP 0.54		HP 0.06						SD 16.12	HP 0.15					

Sunday November 03, 2002 through Monday November 04, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
03 00	042 04.78	189 48.88	S18 31.38	210 57.35	S03 40.60	262 54.53	N16 24.48	313 33.75	N22 05.86	184 06.40	S14 56.20	207 26.78	09.44	S01 37.46	16.36	61.06
01	057 07.24	204 52.62	S18 30.37	225 58.34	S03 41.23	277 56.75	N16 24.42	328 36.33	N22 05.86	199 06.41	S14 56.99	221 55.23	09.42	S01 53.82	16.36	61.07
02	072 09.71	219 56.36	S18 29.35	240 59.33	S03 41.86	292 58.97	N16 24.35	343 38.90	N22 05.85	214 06.41	S14 57.77	236 23.64	09.39	S02 10.18	16.36	61.08
03	087 12.17	235 00.10	S18 28.34	256 00.32	S03 42.49	308 01.20	N16 24.29	358 41.47	N22 05.85	229 06.41	S14 58.55	250 52.03	09.36	S02 26.54	16.35	61.10
04	102 14.63	250 03.84	S18 27.32	271 01.31	S03 43.13	323 03.42	N16 24.22	013 44.05	N22 05.85	244 06.42	S14 59.34	265 20.39	09.33	S02 42.89	16.34	61.11
05	117 17.10	265 07.58	S18 26.30	286 02.31	S03 43.76	338 05.65	N16 24.16	028 46.62	N22 05.85	259 06.42	S15 00.12	279 48.72	09.30	S02 59.23	16.33	61.12
06	132 19.56	280 11.31	S18 25.29	301 03.30	S03 44.39	353 07.87	N16 24.10	043 49.19	N22 05.84	274 06.42	S15 00.90	294 17.02	09.27	S03 15.56	16.32	61.13
07	147 22.03	295 15.05	S18 24.27	316 04.29	S03 45.02	008 10.10	N16 24.03	058 51.77	N22 05.84	289 06.42	S15 01.69	308 45.28	09.23	S03 31.88	16.30	61.14
08	162 24.49	310 18.78	S18 23.25	331 05.28	S03 45.65	023 12.33	N16 23.97	073 54.34	N22 05.84	304 06.42	S15 02.47	323 13.52	09.20	S03 48.18	16.29	61.15
09	177 26.95	325 22.51	S18 22.23	346 06.27	S03 46.29	038 14.55	N16 23.91	088 56.92	N22 05.84	319 06.42	S15 03.25	337 41.72	09.17	S04 04.46	16.27	61.16
10	192 29.42	340 26.24	S18 21.21	001 07.27	S03 46.92	053 16.78	N16 23.84	103 59.49	N22 05.84	334 06.42	S15 04.03	352 09.88	09.13	S04 20.73	16.25	61.16
11	207 31.88	355 29.97	S18 20.19	016 08.26	S03 47.55	068 19.00	N16 23.78	119 02.06	N22 05.83	349 06.42	S15 04.81	006 38.01	09.09	S04 36.98	16.22	61.17
12	222 34.35	010 33.69	S18 19.17	031 09.25	S03 48.18	083 21.23	N16 23.72	134 04.64	N22 05.83	004 06.42	S15 05.59	021 06.11	09.06	S04 53.20	16.20	61.18
13	237 36.81	025 37.42	S18 18.15	046 10.24	S03 48.82	098 23.46	N16 23.65	149 07.21	N22 05.83	019 06.42	S15 06.37	035 34.17	09.02	S05 09.40	16.17	61.19
14	252 39.27	040 41.14	S18 17.13	061 11.23	S03 49.45	113 25.69	N16 23.59	164 09.79	N22 05.83	034 06.42	S15 07.15	050 02.18	08.98	S05 25.57	16.14	61.19
15	267 41.74	055 44.86	S18 16.11	076 12.23	S03 50.08	128 27.91	N16 23.53	179 12.36	N22 05.82	049 06.41	S15 07.93	064 30.17	08.94	S05 41.72	16.11	61.20
16	282 44.20	070 48.58	S18 15.09	091 13.22	S03 50.71	143 30.14	N16 23.46	194 14.94	N22 05.82	064 06.41	S15 08.71	078 58.11	08.90	S05 57.83	16.08	61.20
17	297 46.67	085 52.29	S18 14.07	106 14.21	S03 51.34	158 32.37	N16 23.40	209 17.52	N22 05.82	079 06.41	S15 09.49	093 26.01	08.86	S06 13.91	16.05	61.21
18	312 49.13	100 56.01	S18 13.04	121 15.20	S03 51.97	173 34.60	N16 23.34	224 20.09	N22 05.82	094 06.41	S15 10.27	107 53.86	08.82	S06 29.96	16.01	61.21
19	327 51.59	115 59.72	S18 12.02	136 16.19	S03 52.61	188 36.83	N16 23.28	239 22.67	N22 05.82	109 06.40	S15 11.04	122 21.68	08.77	S06 45.97	15.97	61.21
20	342 54.06	131 03.44	S18 10.99	151 17.18	S03 53.24	203 39.06	N16 23.21	254 25.24	N22 05.81	124 06.40	S15 11.82	136 49.45	08.73	S07 01.94	15.93	61.22
21	357 56.52	146 07.15	S18 09.97	166 18.18	S03 53.87	218 41.29	N16 23.15	269 27.82	N22 05.81	139 06.39	S15 12.60	151 17.18	08.68	S07 17.87	15.89	61.22
22	012 58.99	161 10.85	S18 08.95	181 19.17	S03 54.50	233 43.51	N16 23.09	284 30.40	N22 05.81	154 06.39	S15 13.37	165 44.87	08.64	S07 33.76	15.84	61.22
23	028 01.45	176 14.56	S18 07.92	196 20.16	S03 55.13	248 45.74	N16 23.03	299 32.97	N22 05.81	169 06.39	S15 14.15	180 12.51	08.59	S07 49.60	15.80	61.22
04 00	043 03.92	191 18.27	S18 06.89	211 21.15	S03 55.76	263 47.98	N16 22.96	314 35.55	N22 05.81	184 06.38	S15 14.92	194 40.10	08.55	S08 05.40	15.75	61.22
01	058 06.38	206 21.97	S18 05.87	226 22.14	S03 56.40	278 50.21	N16 22.90	329 38.13	N22 05.80	199 06.37	S15 15.70	209 07.65	08.50	S08 21.15	15.70	61.22
02	073 08.84	221 25.67	S18 04.84	241 23.13	S03 57.03	293 52.44	N16 22.84	344 40.71	N22 05.80	214 06.37	S15 16.47	223 35.14	08.45	S08 36.85	15.65	61.22
03	088 11.31	236 29.37	S18 03.81	256 24.12	S03 57.66	308 54.67	N16 22.78	359 43.28	N22 05.80	229 06.36	S15 17.25	238 02.59	08.40	S08 52.50	15.59	61.22
04	103 13.77	251 33.07	S18 02.79	271 25.11	S03 58.29	323 56.90	N16 22.72	014 45.86	N22 05.80	244 06.36	S15 18.02	252 29.99	08.35	S09 08.09	15.54	61.22
05	118 16.24	266 36.76	S18 01.76	286 26.11	S03 58.92	338 59.13	N16 22.65	029 48.44	N22 05.79	259 06.35	S15 18.79	266 57.34	08.30	S09 23.63	15.48	61.21
06	133 18.70	281 40.46	S18 00.73	301 27.10	S03 59.55	354 01.36	N16 22.59	044 51.02	N22 05.79	274 06.34	S15 19.57	281 24.65	08.25	S09 39.11	15.42	61.21
07	148 21.16	296 44.15	S17 59.70	316 28.09	S04 00.18	009 03.59	N16 22.53	059 53.60	N22 05.79	289 06.33	S15 20.34	295 51.89	08.20	S09 54.52	15.35	61.21
08	163 23.63	311 47.84	S17 58.67	331 29.08	S04 00.82	024 05.83	N16 22.47	074 56.17	N22 05.79	304 06.33	S15 21.11	310 19.09	08.15	S10 09.88	15.29	61.20
09	178 26.09	326 51.52	S17 57.65	346 30.07	S04 01.45	039 08.06	N16 22.41	089 58.75	N22 05.79	319 06.32	S15 21.88	324 46.24	08.09	S10 25.17	15.22	61.20
10	193 28.56	341 55.21	S17 56.62	001 31.06	S04 02.08	054 10.29	N16 22.35	105 01.33	N22 05.78	334 06.31	S15 22.65	339 13.33	08.04	S10 40.39	15.16	61.19
11	208 31.02	356 58.89	S17 55.59	016 32.05	S04 02.71	069 12.53	N16 22.28	120 03.91	N22 05.78	349 06.30	S15 23.42	353 40.37	07.99	S10 55.54	15.08	61.19
12	223 33.48	012 02.58	S17 54.56	031 33.04	S04 03.34	084 14.76	N16 22.22	135 06.49	N22 05.78	004 06.29	S15 24.19	008 07.36	07.93	S11 10.63	15.01	61.18
13	238 35.95	027 06.26	S17 53.53	046 34.03	S04 03.97	099 16.99	N16 22.16	150 09.07	N22 05.78	019 06.28	S15 24.96	022 34.29	07.88	S11 25.64	14.94	61.17
14	253 38.41	042 09.93	S17 52.50	061 35.02	S04 04.60	114 19.23	N16 22.10	165 11.65	N22 05.77	034 06.27	S15 25.73	037 01.16	07.82	S11 40.58	14.86	61.17
15	268 40.88	057 13.61	S17 51.46	076 36.01	S04 05.23	129 21.46	N16 22.04	180 14.23	N22 05.77	049 06.26	S15 26.50	051 27.98	07.76	S11 55.44	14.78	61.16
16	283 43.34	072 17.28	S17 50.43	091 37.00	S04 05.86	144 23.70	N16 21.98	195 16.81	N22 05.77	064 06.25	S15 27.27	065 54.75	07.71	S12 10.22	14.70	61.15
17	298 45.80	087 20.95	S17 49.40	106 37.99	S04 06.49	159 25.93	N16 21.92	210 19.39	N22 05.77	079 06.24	S15 28.04	080 21.46	07.65	S12 24.93	14.62	61.14
18	313 48.27	102 24.62	S17 48.37	121 38.98	S04 07.12	174 28.17	N16 21.86	225 21.97	N22 05.77	094 06.23	S15 28.80	094 48.11	07.60	S12 39.55	14.54	61.13
19	328 50.73	117 28.29	S17 47.34	136 39.97	S04 07.76	189 30.40	N16 21.80	240 24.55	N22 05.76	109 06.21	S15 29.57	109 14.70	07.54	S12 54.08	14.45	61.12
20	343 53.20	132 31.96	S17 46.31	151 40.97	S04 08.39	204 32.64	N16 21.74	255 27.13	N22 05.76	124 06.20	S15 30.34	123 41.24	07.48	S13 08.53	14.36	61.11
21	358 55.66	147 35.62	S17 45.28	166 41.96	S04 09.02	219 34.87	N16 21.68	270 29.71	N22 05.76	139 06.19	S15 31.10	138 07.72	07.42	S13 22.89	14.27	61.10
22	013 58.13	162 39.28	S17 44.24	181 42.95	S04 09.65	234 37.11	N16 21.62	285 32.29	N22 05.76	154 06.18	S15 31.87	152 34.14	07.36	S13 37.16	14.18	61.09
23	029 00.59	177 42.94	S17 43.21	196 43.94	S04 10.28	249 39.35	N16 21.56	300 34.87	N22 05.75	169 06.16	S15 32.63	167 00.51	07.31	S13 51.34	14.09	61.08
		v 3.70	d 1.03	v 0.99	d 0.63	v 2.23	d 0.06	v 2.58	d 0.00	v -0.01	d 0.77	SD	16.67	16.67		
		HP 0.54		HP 0.06						SD 16.12	HP 0.15					

Tuesday November 05, 2002 through Wednesday November 06, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
05 00	044 03.05	192 46.60	S17 42.18	211 44.93	S04 10.91	264 41.59	N16 21.50	315 37.46	N22 05.75	184 06.15	S15 33.40	181 26.81	07.25	S14 05.43	13.99	61.06
01	059 05.52	207 50.25	S17 41.15	226 45.92	S04 11.54	279 43.82	N16 21.44	330 40.04	N22 05.75	199 06.14	S15 34.16	195 53.06	07.19	S14 19.42	13.89	61.05
02	074 07.98	222 53.90	S17 40.11	241 46.91	S04 12.17	294 46.06	N16 21.37	345 42.62	N22 05.75	214 06.12	S15 34.93	210 19.25	07.13	S14 33.31	13.79	61.03
03	089 10.45	237 57.55	S17 39.08	256 47.90	S04 12.80	309 48.30	N16 21.31	000 45.20	N22 05.75	229 06.11	S15 35.69	224 45.38	07.07	S14 47.10	13.69	61.02
04	104 12.91	253 01.20	S17 38.05	271 48.89	S04 13.43	324 50.54	N16 21.26	015 47.78	N22 05.74	244 06.09	S15 36.45	239 11.45	07.01	S15 00.80	13.59	61.00
05	119 15.37	268 04.85	S17 37.01	286 49.88	S04 14.06	339 52.77	N16 21.20	030 50.37	N22 05.74	259 06.08	S15 37.21	253 37.46	06.95	S15 14.38	13.48	60.99
06	134 17.84	283 08.49	S17 35.98	301 50.87	S04 14.69	354 55.01	N16 21.14	045 52.95	N22 05.74	274 06.06	S15 37.98	268 03.42	06.89	S15 27.87	13.38	60.97
07	149 20.30	298 12.13	S17 34.95	316 51.86	S04 15.32	009 57.25	N16 21.08	060 55.53	N22 05.74	289 06.04	S15 38.74	282 29.31	06.84	S15 41.24	13.27	60.96
08	164 22.77	313 15.77	S17 33.91	331 52.84	S04 15.95	024 59.49	N16 21.02	075 58.11	N22 05.73	304 06.03	S15 39.50	296 55.15	06.78	S15 54.51	13.16	60.94
09	179 25.23	328 19.41	S17 32.88	346 53.83	S04 16.58	040 01.73	N16 20.96	091 00.70	N22 05.73	319 06.01	S15 40.26	311 20.92	06.72	S16 07.67	13.04	60.92
10	194 27.69	343 23.04	S17 31.84	001 54.82	S04 17.21	055 03.97	N16 20.90	106 03.28	N22 05.73	334 05.99	S15 41.02	325 46.64	06.66	S16 20.71	12.93	60.90
11	209 30.16	358 26.67	S17 30.81	016 55.81	S04 17.84	070 06.21	N16 20.84	121 05.86	N22 05.73	349 05.97	S15 41.78	340 12.30	06.60	S16 33.64	12.81	60.88
12	224 32.62	013 30.30	S17 29.78	031 56.80	S04 18.47	085 08.45	N16 20.78	136 08.45	N22 05.73	004 05.96	S15 42.54	354 37.90	06.54	S16 46.46	12.70	60.86
13	239 35.09	028 33.93	S17 28.74	046 57.79	S04 19.10	100 10.69	N16 20.72	151 11.03	N22 05.72	019 05.94	S15 43.30	009 03.44	06.48	S16 59.15	12.58	60.84
14	254 37.55	043 37.56	S17 27.71	061 58.78	S04 19.73	115 12.93	N16 20.66	166 13.62	N22 05.72	034 05.92	S15 44.06	023 28.93	06.43	S17 11.73	12.46	60.82
15	269 40.02	058 41.18	S17 26.68	076 59.77	S04 20.36	130 15.17	N16 20.60	181 16.20	N22 05.72	049 05.90	S15 44.81	037 54.35	06.37	S17 24.19	12.33	60.80
16	284 42.48	073 44.80	S17 25.64	092 00.76	S04 20.99	145 17.42	N16 20.54	196 18.78	N22 05.72	064 05.88	S15 45.57	052 19.72	06.31	S17 36.52	12.21	60.78
17	299 44.94	088 48.42	S17 24.61	107 01.75	S04 21.62	160 19.66	N16 20.48	211 21.37	N22 05.71	079 05.86	S15 46.33	066 45.04	06.26	S17 48.73	12.08	60.76
18	314 47.41	103 52.03	S17 23.57	122 02.74	S04 22.25	175 21.90	N16 20.43	226 23.95	N22 05.71	094 05.84	S15 47.09	081 10.29	06.20	S18 00.81	11.96	60.74
19	329 49.87	118 55.65	S17 22.54	137 03.73	S04 22.88	190 24.14	N16 20.37	241 26.54	N22 05.71	109 05.82	S15 47.84	095 35.49	06.14	S18 12.77	11.83	60.72
20	344 52.34	133 59.26	S17 21.51	152 04.72	S04 23.51	205 26.38	N16 20.31	256 29.12	N22 05.71	124 05.80	S15 48.60	110 00.63	06.09	S18 24.60	11.70	60.69
21	359 54.80	149 02.87	S17 20.47	167 05.71	S04 24.14	220 28.63	N16 20.25	271 31.71	N22 05.71	139 05.78	S15 49.35	124 25.72	06.03	S18 36.29	11.56	60.67
22	014 57.26	164 06.47	S17 19.44	182 06.70	S04 24.76	235 30.87	N16 20.19	286 34.29	N22 05.70	154 05.76	S15 50.11	138 50.76	05.98	S18 47.86	11.43	60.64
23	029 59.73	179 10.07	S17 18.40	197 07.68	S04 25.39	250 33.11	N16 20.13	301 36.88	N22 05.70	169 05.73	S15 50.86	153 15.74	05.93	S18 59.29	11.29	60.62
06 00	045 02.19	194 13.68	S17 17.37	212 08.67	S04 26.02	265 35.36	N16 20.07	316 39.47	N22 05.70	184 05.71	S15 51.62	167 40.66	05.87	S19 10.58	11.16	60.60
01	060 04.66	209 17.27	S17 16.34	227 09.66	S04 26.65	280 37.60	N16 20.02	331 42.05	N22 05.70	199 05.69	S15 52.37	182 05.54	05.82	S19 21.74	11.02	60.57
02	075 07.12	224 20.87	S17 15.30	242 10.65	S04 27.28	295 39.85	N16 19.96	346 44.64	N22 05.70	214 05.67	S15 53.12	196 30.36	05.77	S19 32.76	10.88	60.54
03	090 09.59	239 24.46	S17 14.27	257 11.64	S04 27.91	310 42.09	N16 19.90	001 47.22	N22 05.69	229 05.64	S15 53.87	210 55.13	05.72	S19 43.64	10.74	60.52
04	105 12.05	254 28.05	S17 13.24	272 12.63	S04 28.54	325 44.34	N16 19.84	016 49.81	N22 05.69	244 05.62	S15 54.63	225 19.85	05.67	S19 54.38	10.60	60.49
05	120 14.51	269 31.64	S17 12.20	287 13.62	S04 29.17	340 46.58	N16 19.78	031 52.40	N22 05.69	259 05.59	S15 55.38	239 44.52	05.62	S20 04.97	10.45	60.46
06	135 16.98	284 35.23	S17 11.17	302 14.61	S04 29.80	355 48.83	N16 19.73	046 54.98	N22 05.69	274 05.57	S15 56.13	254 09.14	05.57	S20 15.42	10.31	60.44
07	150 19.44	299 38.81	S17 10.14	317 15.59	S04 30.43	010 51.07	N16 19.67	061 57.57	N22 05.68	289 05.55	S15 56.88	268 33.71	05.53	S20 25.73	10.16	60.41
08	165 21.91	314 42.39	S17 09.11	332 16.58	S04 31.06	025 53.32	N16 19.61	077 00.16	N22 05.68	304 05.52	S15 57.63	282 58.24	05.48	S20 35.89	10.01	60.38
09	180 24.37	329 45.97	S17 08.07	347 17.57	S04 31.68	040 55.57	N16 19.55	092 02.75	N22 05.68	319 05.49	S15 58.38	297 22.72	05.43	S20 45.90	09.86	60.35
10	195 26.83	344 49.55	S17 07.04	002 18.56	S04 32.31	055 57.81	N16 19.50	107 05.33	N22 05.68	334 05.47	S15 59.13	311 47.15	05.39	S20 55.77	09.71	60.32
11	210 29.30	359 53.12	S17 06.01	017 19.55	S04 32.94	071 00.06	N16 19.44	122 07.92	N22 05.68	349 05.44	S15 59.88	326 11.54	05.35	S21 05.48	09.56	60.29
12	225 31.76	014 56.69	S17 04.98	032 20.54	S04 33.57	086 02.31	N16 19.38	137 10.51	N22 05.67	004 05.42	S16 00.63	340 35.89	05.31	S21 15.04	09.41	60.26
13	240 34.23	030 00.26	S17 03.95	047 21.52	S04 34.20	101 04.55	N16 19.33	152 13.10	N22 05.67	019 05.39	S16 01.37	355 00.19	05.26	S21 24.45	09.26	60.23
14	255 36.69	045 03.82	S17 02.91	062 22.51	S04 34.83	116 06.80	N16 19.27	167 15.69	N22 05.67	034 05.36	S16 02.12	009 24.46	05.22	S21 33.70	09.10	60.20
15	270 39.16	060 07.38	S17 01.88	077 23.50	S04 35.46	131 09.05	N16 19.21	182 18.27	N22 05.67	049 05.33	S16 02.87	023 48.68	05.19	S21 42.81	08.94	60.17
16	285 41.62	075 10.94	S17 00.85	092 24.49	S04 36.08	146 11.30	N16 19.15	197 20.86	N22 05.66	064 05.31	S16 03.62	038 12.87	05.15	S21 51.75	08.79	60.14
17	300 44.08	090 14.50	S16 59.82	107 25.48	S04 36.71	161 13.55	N16 19.10	212 23.45	N22 05.66	079 05.28	S16 04.36	052 37.02	05.11	S22 00.54	08.63	60.11
18	315 46.55	105 18.05	S16 58.79	122 26.46	S04 37.34	176 15.80	N16 19.04	227 26.04	N22 05.66	094 05.25	S16 05.11	067 01.13	05.08	S22 09.17	08.47	60.08
19	330 49.01	120 21.61	S16 57.76	137 27.45	S04 37.97	191 18.05	N16 18.98	242 28.63	N22 05.66	109 05.22	S16 05.85	081 25.21	05.05	S22 17.64	08.31	60.04
20	345 51.48	135 25.15	S16 56.73	152 28.44	S04 38.60	206 20.30	N16 18.93	257 31.22	N22 05.66	124 05.19	S16 06.60	095 49.26	05.01	S22 25.95	08.15	60.01
21	000 53.94	150 28.70	S16 55.70	167 29.43	S04 39.23	221 22.55	N16 18.87	272 33.81	N22 05.65	139 05.16	S16 07.34	110 13.27	04.98	S22 34.10	07.99	59.98
22	015 56.40	165 32.24	S16 54.67	182 30.41	S04 39.85	236 24.80	N16 18.82	287 36.40	N22 05.65	154 05.13	S16 08.08	124 37.25	04.96	S22 42.08	07.83	59.94
23	030 58.87	180 35.78	S16 53.64	197 31.40	S04 40.48	251 27.05	N16 18.76	302 38.99	N22 05.65	169 05.10	S16 08.83	139 01.21	04.93	S22 49.91	07.66	59.91
		v 3.60	d 1.03	v 0.99	d 0.63	v 2.24	d 0.06	v 2.59	d 0.00	v -0.02	d 0.75	SD	16.59	16.42		
		HP 0.53		HP 0.06						SD 16.13	HP 0.15					

Thursday November 07, 2002 through Friday November 08, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
07 00	046 01.33	195 39.32	S16 52.61	212 32.39	S04 41.11	266 29.30	N16 18.70	317 41.58	N22 05.65	184 05.07	S16 09.57	153 25.14	04.90	S22 57.57	07.50	59.88
01	061 03.80	210 42.86	S16 51.58	227 33.38	S04 41.74	281 31.55	N16 18.65	332 44.17	N22 05.64	199 05.04	S16 10.31	167 49.04	04.88	S23 05.07	07.33	59.84
02	076 06.26	225 46.39	S16 50.56	242 34.37	S04 42.37	296 33.80	N16 18.59	347 46.76	N22 05.64	214 05.00	S16 11.05	182 12.92	04.86	S23 12.40	07.17	59.81
03	091 08.73	240 49.92	S16 49.53	257 35.35	S04 42.99	311 36.05	N16 18.53	002 49.35	N22 05.64	229 04.97	S16 11.80	196 36.77	04.83	S23 19.57	07.00	59.77
04	106 11.19	255 53.45	S16 48.50	272 36.34	S04 43.62	326 38.30	N16 18.48	017 51.94	N22 05.64	244 04.94	S16 12.54	211 00.61	04.81	S23 26.57	06.83	59.74
05	121 13.65	270 56.97	S16 47.47	287 37.33	S04 44.25	341 40.56	N16 18.42	032 54.53	N22 05.64	259 04.91	S16 13.28	225 24.42	04.80	S23 33.40	06.67	59.70
06	136 16.12	286 00.49	S16 46.45	302 38.31	S04 44.88	356 42.81	N16 18.37	047 57.12	N22 05.63	274 04.87	S16 14.02	239 48.22	04.78	S23 40.07	06.50	59.67
07	151 18.58	301 04.01	S16 45.42	317 39.30	S04 45.50	011 45.06	N16 18.31	062 59.71	N22 05.63	289 04.84	S16 14.76	254 12.00	04.77	S23 46.57	06.33	59.63
08	166 21.05	316 07.52	S16 44.40	332 40.29	S04 46.13	026 47.31	N16 18.26	078 02.31	N22 05.63	304 04.81	S16 15.50	268 35.77	04.75	S23 52.90	06.16	59.59
09	181 23.51	331 11.04	S16 43.37	347 41.28	S04 46.76	041 49.57	N16 18.20	093 04.90	N22 05.63	319 04.77	S16 16.23	282 59.52	04.74	S23 59.06	05.99	59.56
10	196 25.98	346 14.55	S16 42.34	002 42.26	S04 47.39	056 51.82	N16 18.15	108 07.49	N22 05.63	334 04.74	S16 16.97	297 23.26	04.73	S24 05.05	05.82	59.52
11	211 28.44	001 18.05	S16 41.32	017 43.25	S04 48.01	071 54.07	N16 18.09	123 10.08	N22 05.62	349 04.70	S16 17.71	311 47.00	04.73	S24 10.87	05.65	59.49
12	226 30.90	016 21.56	S16 40.30	032 44.24	S04 48.64	086 56.33	N16 18.04	138 12.67	N22 05.62	004 04.67	S16 18.45	326 10.72	04.72	S24 16.52	05.48	59.45
13	241 33.37	031 25.06	S16 39.27	047 45.22	S04 49.27	101 58.58	N16 17.98	153 15.27	N22 05.62	019 04.63	S16 19.18	340 34.45	04.72	S24 22.00	05.31	59.41
14	256 35.83	046 28.56	S16 38.25	062 46.21	S04 49.90	117 00.84	N16 17.93	168 17.86	N22 05.62	034 04.60	S16 19.92	354 58.16	04.72	S24 27.31	05.14	59.37
15	271 38.30	061 32.05	S16 37.23	077 47.20	S04 50.52	132 03.09	N16 17.87	183 20.45	N22 05.61	049 04.56	S16 20.66	009 21.88	04.72	S24 32.44	04.97	59.34
16	286 40.76	076 35.54	S16 36.20	092 48.18	S04 51.15	147 05.35	N16 17.82	198 23.04	N22 05.61	064 04.52	S16 21.39	023 45.59	04.72	S24 37.41	04.79	59.30
17	301 43.22	091 39.03	S16 35.18	107 49.17	S04 51.78	162 07.60	N16 17.76	213 25.64	N22 05.61	079 04.49	S16 22.13	038 09.31	04.72	S24 42.20	04.62	59.26
18	316 45.69	106 42.52	S16 34.16	122 50.16	S04 52.40	177 09.86	N16 17.71	228 28.23	N22 05.61	094 04.45	S16 22.86	052 33.03	04.73	S24 46.82	04.45	59.22
19	331 48.15	121 46.00	S16 33.14	137 51.14	S04 53.03	192 12.12	N16 17.65	243 30.82	N22 05.61	109 04.41	S16 23.59	066 56.76	04.73	S24 51.27	04.28	59.18
20	346 50.62	136 49.48	S16 32.12	152 52.13	S04 53.66	207 14.37	N16 17.60	258 33.42	N22 05.60	124 04.37	S16 24.33	081 20.49	04.74	S24 55.55	04.10	59.15
21	001 53.08	151 52.96	S16 31.10	167 53.12	S04 54.28	222 16.63	N16 17.54	273 36.01	N22 05.60	139 04.33	S16 25.06	095 44.24	04.75	S24 59.66	03.93	59.11
22	016 55.55	166 56.44	S16 30.08	182 54.10	S04 54.91	237 18.89	N16 17.49	288 38.61	N22 05.60	154 04.30	S16 25.79	110 07.99	04.77	S25 03.59	03.76	59.07
23	031 58.01	181 59.91	S16 29.06	197 55.09	S04 55.54	252 21.14	N16 17.44	303 41.20	N22 05.60	169 04.26	S16 26.52	124 31.76	04.78	S25 07.35	03.59	59.03
08 00	047 00.47	197 03.38	S16 28.04	212 56.08	S04 56.16	267 23.40	N16 17.38	318 43.79	N22 05.59	184 04.22	S16 27.25	138 55.54	04.80	S25 10.94	03.42	58.99
01	062 02.94	212 06.84	S16 27.02	227 57.06	S04 56.79	282 25.66	N16 17.33	333 46.39	N22 05.59	199 04.18	S16 27.99	153 19.34	04.82	S25 14.35	03.24	58.95
02	077 05.40	227 10.30	S16 26.01	242 58.05	S04 57.42	297 27.92	N16 17.27	348 48.98	N22 05.59	214 04.14	S16 28.72	167 43.16	04.84	S25 17.60	03.07	58.91
03	092 07.87	242 13.76	S16 24.99	257 59.03	S04 58.04	312 30.18	N16 17.22	003 51.58	N22 05.59	229 04.10	S16 29.45	182 07.00	04.86	S25 20.67	02.90	58.87
04	107 10.33	257 17.22	S16 23.97	273 00.02	S04 58.67	327 32.44	N16 17.17	018 54.17	N22 05.59	244 04.05	S16 30.18	196 30.87	04.89	S25 23.57	02.73	58.83
05	122 12.80	272 20.67	S16 22.96	288 01.01	S04 59.30	342 34.70	N16 17.11	033 56.77	N22 05.58	259 04.01	S16 30.90	210 54.75	04.91	S25 26.29	02.56	58.79
06	137 15.26	287 24.12	S16 21.94	303 01.99	S04 59.92	357 36.96	N16 17.06	048 59.36	N22 05.58	274 03.97	S16 31.63	225 18.67	04.94	S25 28.85	02.39	58.75
07	152 17.72	302 27.57	S16 20.93	318 02.98	S05 00.55	012 39.21	N16 17.00	064 01.96	N22 05.58	289 03.93	S16 32.36	239 42.61	04.97	S25 31.24	02.21	58.71
08	167 20.19	317 31.01	S16 19.92	333 03.96	S05 01.17	027 41.48	N16 16.95	079 04.55	N22 05.58	304 03.89	S16 33.09	254 06.59	05.01	S25 33.45	02.04	58.67
09	182 22.65	332 34.46	S16 18.90	348 04.95	S05 01.80	042 43.74	N16 16.90	094 07.15	N22 05.58	319 03.84	S16 33.81	268 30.59	05.04	S25 35.49	01.87	58.63
10	197 25.12	347 37.89	S16 17.89	003 05.94	S05 02.43	057 46.00	N16 16.85	109 09.75	N22 05.57	334 03.80	S16 34.54	282 54.63	05.08	S25 37.37	01.70	58.59
11	212 27.58	002 41.33	S16 16.88	018 06.92	S05 03.05	072 48.26	N16 16.79	124 12.34	N22 05.57	349 03.76	S16 35.27	297 18.71	05.12	S25 39.07	01.53	58.55
12	227 30.04	017 44.76	S16 15.87	033 07.91	S05 03.68	087 50.52	N16 16.74	139 14.94	N22 05.57	004 03.71	S16 35.99	311 42.83	05.16	S25 40.61	01.37	58.51
13	242 32.51	032 48.19	S16 14.86	048 08.89	S05 04.30	102 52.78	N16 16.69	154 17.54	N22 05.57	019 03.67	S16 36.72	326 06.98	05.20	S25 41.97	01.20	58.47
14	257 34.97	047 51.61	S16 13.85	063 09.88	S05 04.93	117 55.04	N16 16.63	169 20.13	N22 05.56	034 03.62	S16 37.44	340 31.18	05.24	S25 43.17	01.03	58.43
15	272 37.44	062 55.04	S16 12.84	078 10.86	S05 05.56	132 57.30	N16 16.58	184 22.73	N22 05.56	049 03.58	S16 38.17	354 55.42	05.29	S25 44.20	00.86	58.39
16	287 39.90	077 58.46	S16 11.83	093 11.85	S05 06.18	147 59.57	N16 16.53	199 25.33	N22 05.56	064 03.53	S16 38.89	009 19.71	05.33	S25 45.06	00.70	58.35
17	302 42.37	093 01.87	S16 10.82	108 12.83	S05 06.81	163 01.83	N16 16.48	214 27.92	N22 05.56	079 03.49	S16 39.61	023 44.04	05.38	S25 45.76	00.53	58.31
18	317 44.83	108 05.28	S16 09.81	123 13.82	S05 07.43	178 04.09	N16 16.42	229 30.52	N22 05.56	094 03.44	S16 40.34	038 08.42	05.43	S25 46.29	00.36	58.27
19	332 47.29	123 08.69	S16 08.81	138 14.80	S05 08.06	193 06.36	N16 16.37	244 33.12	N22 05.55	109 03.40	S16 41.06	052 32.85	05.49	S25 46.65	00.20	58.23
20	347 49.76	138 12.10	S16 07.80	153 15.79	S05 08.68	208 08.62	N16 16.32	259 35.72	N22 05.55	124 03.35	S16 41.78	066 57.34	05.54	S25 46.85	00.03	58.19
21	002 52.22	153 15.50	S16 06.80	168 16.77	S05 09.31	223 10.88	N16 16.27	274 38.31	N22 05.55	139 03.30	S16 42.50	081 21.88	05.60	S25 46.88	00.13	58.15
22	017 54.69	168 18.90	S16 05.79	183 17.76	S05 09.93	238 13.15	N16 16.21	289 40.91	N22 05.55	154 03.25	S16 43.22	095 46.48	05.65	S25 46.76	00.29	58.11
23	032 57.15	183 22.30	S16 04.79	198 18.74	S05 10.56	253 15.41	N16 16.16	304 43.51	N22 05.55	169 03.21	S16 43.94	110 11.13	05.71	S25 46.46	00.45	58.07
		v 3.47	d 1.02	v 0.99	d 0.63	v 2.26	d 0.05	v 2.59	d 0.00	v -0.04	d 0.73	SD	16.20	15.95		
		HP 0.53		HP 0.06						SD 16.14	HP 0.15					

Saturday November 09, 2002 through Sunday November 10, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
09 00	047 59.62	198 25.69	S16 03.79	213 19.73	S05 11.18	268 17.68	N16 16.11	319 46.11	N22 05.54	184 03.16	S16 44.66	124 35.84	05.77	S25 46.01	00.61	58.03
01	063 02.08	213 29.08	S16 02.79	228 20.71	S05 11.81	283 19.94	N16 16.06	334 48.71	N22 05.54	199 03.11	S16 45.38	139 00.61	05.84	S25 45.40	00.77	57.99
02	078 04.54	228 32.47	S16 01.78	243 21.70	S05 12.44	298 22.21	N16 16.01	349 51.31	N22 05.54	214 03.06	S16 46.10	153 25.45	05.90	S25 44.62	00.93	57.95
03	093 07.01	243 35.85	S16 00.78	258 22.68	S05 13.06	313 24.47	N16 15.95	004 53.91	N22 05.54	229 03.01	S16 46.82	167 50.35	05.96	S25 43.69	01.09	57.91
04	108 09.47	258 39.23	S15 59.78	273 23.67	S05 13.69	328 26.74	N16 15.90	019 56.50	N22 05.53	244 02.96	S16 47.53	182 15.31	06.03	S25 42.60	01.25	57.87
05	123 11.94	273 42.61	S15 58.79	288 24.65	S05 14.31	343 29.00	N16 15.85	034 59.10	N22 05.53	259 02.91	S16 48.25	196 40.35	06.10	S25 41.34	01.41	57.83
06	138 14.40	288 45.99	S15 57.79	303 25.64	S05 14.93	358 31.27	N16 15.80	050 01.70	N22 05.53	274 02.86	S16 48.97	211 05.45	06.17	S25 39.94	01.56	57.79
07	153 16.86	303 49.36	S15 56.79	318 26.62	S05 15.56	013 33.54	N16 15.75	065 04.30	N22 05.53	289 02.81	S16 49.68	225 30.62	06.24	S25 38.37	01.72	57.75
08	168 19.33	318 52.72	S15 55.80	333 27.61	S05 16.18	028 35.80	N16 15.70	080 06.90	N22 05.53	304 02.76	S16 50.40	239 55.86	06.31	S25 36.66	01.87	57.71
09	183 21.79	333 56.09	S15 54.80	348 28.59	S05 16.81	043 38.07	N16 15.65	095 09.50	N22 05.52	319 02.71	S16 51.12	254 21.17	06.39	S25 34.78	02.03	57.67
10	198 24.26	348 59.45	S15 53.81	003 29.58	S05 17.43	058 40.34	N16 15.60	110 12.10	N22 05.52	334 02.66	S16 51.83	268 46.56	06.46	S25 32.76	02.18	57.63
11	213 26.72	004 02.81	S15 52.81	018 30.56	S05 18.06	073 42.61	N16 15.54	125 14.70	N22 05.52	349 02.60	S16 52.54	283 12.02	06.54	S25 30.58	02.33	57.59
12	228 29.19	019 06.16	S15 51.82	033 31.54	S05 18.68	088 44.88	N16 15.49	140 17.30	N22 05.52	004 02.55	S16 53.26	297 37.56	06.62	S25 28.25	02.48	57.55
13	243 31.65	034 09.51	S15 50.83	048 32.53	S05 19.31	103 47.14	N16 15.44	155 19.91	N22 05.52	019 02.50	S16 53.97	312 03.18	06.70	S25 25.77	02.63	57.51
14	258 34.11	049 12.86	S15 49.84	063 33.51	S05 19.93	118 49.41	N16 15.39	170 22.51	N22 05.51	034 02.45	S16 54.68	326 28.88	06.78	S25 23.14	02.78	57.47
15	273 36.58	064 16.20	S15 48.85	078 34.50	S05 20.56	133 51.68	N16 15.34	185 25.11	N22 05.51	049 02.39	S16 55.40	340 54.66	06.86	S25 20.37	02.92	57.43
16	288 39.04	079 19.54	S15 47.86	093 35.48	S05 21.18	148 53.95	N16 15.29	200 27.71	N22 05.51	064 02.34	S16 56.11	355 20.52	06.94	S25 17.44	03.07	57.39
17	303 41.51	094 22.88	S15 46.87	108 36.46	S05 21.80	163 56.22	N16 15.24	215 30.31	N22 05.51	079 02.28	S16 56.82	009 46.46	07.02	S25 14.38	03.21	57.35
18	318 43.97	109 26.21	S15 45.88	123 37.45	S05 22.43	178 58.49	N16 15.19	230 32.91	N22 05.50	094 02.23	S16 57.53	024 12.48	07.11	S25 11.16	03.36	57.32
19	333 46.43	124 29.54	S15 44.89	138 38.43	S05 23.05	194 00.76	N16 15.14	245 35.51	N22 05.50	109 02.17	S16 58.24	038 38.59	07.19	S25 07.81	03.50	57.28
20	348 48.90	139 32.87	S15 43.91	153 39.42	S05 23.68	209 03.03	N16 15.09	260 38.11	N22 05.50	124 02.12	S16 58.95	053 04.78	07.28	S25 04.31	03.64	57.24
21	003 51.36	154 36.19	S15 42.92	168 40.40	S05 24.30	224 05.30	N16 15.04	275 40.72	N22 05.50	139 02.06	S16 59.66	067 31.07	07.37	S25 00.66	03.78	57.20
22	018 53.83	169 39.51	S15 41.94	183 41.38	S05 24.92	239 07.58	N16 14.99	290 43.32	N22 05.50	154 02.01	S17 00.37	081 57.43	07.46	S24 56.88	03.92	57.16
23	033 56.29	184 42.83	S15 40.96	198 42.37	S05 25.55	254 09.85	N16 14.94	305 45.92	N22 05.49	169 01.95	S17 01.07	096 23.89	07.55	S24 52.96	04.06	57.12
10 00	048 58.76	199 46.15	S15 39.98	213 43.35	S05 26.17	269 12.12	N16 14.89	320 48.52	N22 05.49	184 01.89	S17 01.78	110 50.44	07.64	S24 48.90	04.20	57.08
01	064 01.22	214 49.46	S15 38.99	228 44.33	S05 26.79	284 14.39	N16 14.84	335 51.13	N22 05.49	199 01.84	S17 02.49	125 17.07	07.73	S24 44.71	04.33	57.05
02	079 03.68	229 52.76	S15 38.01	243 45.32	S05 27.42	299 16.66	N16 14.79	350 53.73	N22 05.49	214 01.78	S17 03.20	139 43.80	07.82	S24 40.38	04.47	57.01
03	094 06.15	244 56.06	S15 37.04	258 46.30	S05 28.04	314 18.94	N16 14.74	005 56.33	N22 05.49	229 01.72	S17 03.90	154 10.62	07.91	S24 35.91	04.60	56.97
04	109 08.61	259 59.36	S15 36.06	273 47.28	S05 28.67	329 21.21	N16 14.69	020 58.94	N22 05.48	244 01.66	S17 04.61	168 37.53	08.00	S24 31.31	04.73	56.93
05	124 11.08	275 02.66	S15 35.08	288 48.27	S05 29.29	344 23.48	N16 14.64	036 01.54	N22 05.48	259 01.60	S17 05.31	183 04.53	08.10	S24 26.58	04.86	56.89
06	139 13.54	290 05.95	S15 34.11	303 49.25	S05 29.91	359 25.76	N16 14.59	051 04.14	N22 05.48	274 01.54	S17 06.02	197 31.63	08.19	S24 21.72	04.99	56.86
07	154 16.00	305 09.24	S15 33.13	318 50.23	S05 30.53	014 28.03	N16 14.54	066 06.75	N22 05.48	289 01.49	S17 06.72	211 58.82	08.29	S24 16.73	05.12	56.82
08	169 18.47	320 12.53	S15 32.16	333 51.22	S05 31.16	029 30.30	N16 14.49	081 09.35	N22 05.47	304 01.43	S17 07.43	226 26.11	08.38	S24 11.61	05.25	56.78
09	184 20.93	335 15.81	S15 31.18	348 52.20	S05 31.78	044 32.58	N16 14.45	096 11.95	N22 05.47	319 01.37	S17 08.13	240 53.49	08.48	S24 06.37	05.37	56.75
10	199 23.40	350 19.09	S15 30.21	003 53.18	S05 32.40	059 34.85	N16 14.40	111 14.56	N22 05.47	334 01.31	S17 08.83	255 20.96	08.57	S24 01.00	05.50	56.71
11	214 25.86	005 22.37	S15 29.24	018 54.16	S05 33.03	074 37.13	N16 14.35	126 17.16	N22 05.47	349 01.24	S17 09.53	269 48.53	08.67	S23 55.50	05.62	56.67
12	229 28.33	020 25.64	S15 28.27	033 55.15	S05 33.65	089 39.40	N16 14.30	141 19.77	N22 05.47	004 01.18	S17 10.23	284 16.20	08.77	S23 49.88	05.74	56.64
13	244 30.79	035 28.91	S15 27.30	048 56.13	S05 34.27	104 41.68	N16 14.25	156 22.37	N22 05.46	019 01.12	S17 10.94	298 43.97	08.86	S23 44.14	05.86	56.60
14	259 33.25	050 32.17	S15 26.34	063 57.11	S05 34.90	119 43.96	N16 14.20	171 24.98	N22 05.46	034 01.06	S17 11.64	313 11.83	08.96	S23 38.27	05.98	56.56
15	274 35.72	065 35.43	S15 25.37	078 58.10	S05 35.52	134 46.23	N16 14.15	186 27.58	N22 05.46	049 01.00	S17 12.34	327 39.79	09.06	S23 32.29	06.10	56.53
16	289 38.18	080 38.69	S15 24.40	093 59.08	S05 36.14	149 48.51	N16 14.11	201 30.19	N22 05.46	064 00.93	S17 13.04	342 07.85	09.16	S23 26.19	06.22	56.49
17	304 40.65	095 41.94	S15 23.44	109 00.06	S05 36.76	164 50.79	N16 14.06	216 32.79	N22 05.46	079 00.87	S17 13.73	356 36.01	09.25	S23 19.97	06.33	56.46
18	319 43.11	110 45.19	S15 22.48	124 01.04	S05 37.39	179 53.06	N16 14.01	231 35.40	N22 05.45	094 00.81	S17 14.43	011 04.26	09.35	S23 13.63	06.45	56.42
19	334 45.57	125 48.44	S15 21.52	139 02.02	S05 38.01	194 55.34	N16 13.96	246 38.00	N22 05.45	109 00.74	S17 15.13	025 32.61	09.45	S23 07.18	06.56	56.39
20	349 48.04	140 51.68	S15 20.55	154 03.01	S05 38.63	209 57.62	N16 13.91	261 40.61	N22 05.45	124 00.68	S17 15.83	040 01.06	09.55	S23 00.62	06.68	56.35
21	004 50.50	155 54.92	S15 19.59	169 03.99	S05 39.25	224 59.90	N16 13.87	276 43.22	N22 05.45	139 00.62	S17 16.52	054 29.61	09.65	S22 53.95	06.79	56.32
22	019 52.97	170 58.16	S15 18.64	184 04.97	S05 39.88	240 02.17	N16 13.82	291 45.82	N22 05.44	154 00.55	S17 17.22	068 58.26	09.75	S22 47.16	06.90	56.28
23	034 55.43	186 01.39	S15 17.68	199 05.95	S05 40.50	255 04.45	N16 13.77	306 48.43	N22 05.44	169 00.49	S17 17.92	083 27.01	09.85	S22 40.26	07.01	56.25
		v 3.31	d 0.98	v 0.98	d 0.62	v 2.27	d 0.05	v 2.60	d 0.00	v -0.06	d 0.71	SD	15.69	15.44		
		HP 0.52		HP 0.06						SD 16.15	HP 0.15					

Monday November 11, 2002 through Tuesday November 12, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
11 00	049 57.90	201 04.62	S15 16.72	214 06.94	S05 41.12	270 06.73	N16 13.72	321 51.04	N22 05.44	184 00.42	S17 18.61	097 55.86	09.94	S22 33.26	07.11	56.22
01	065 00.36	216 07.85	S15 15.77	229 07.92	S05 41.74	285 09.01	N16 13.67	336 53.64	N22 05.44	199 00.36	S17 19.31	112 24.80	10.04	S22 26.14	07.22	56.18
02	080 02.82	231 11.07	S15 14.81	244 08.90	S05 42.36	300 11.29	N16 13.63	351 56.25	N22 05.44	214 00.29	S17 20.00	126 53.84	10.14	S22 18.93	07.32	56.15
03	095 05.29	246 14.29	S15 13.86	259 09.88	S05 42.99	315 13.57	N16 13.58	006 58.86	N22 05.43	229 00.22	S17 20.70	141 22.98	10.24	S22 11.60	07.43	56.12
04	110 07.75	261 17.50	S15 12.91	274 10.86	S05 43.61	330 15.85	N16 13.53	022 01.46	N22 05.43	244 00.16	S17 21.39	155 52.23	10.34	S22 04.18	07.53	56.08
05	125 10.22	276 20.71	S15 11.96	289 11.84	S05 44.23	345 18.13	N16 13.49	037 04.07	N22 05.43	259 00.09	S17 22.08	170 21.56	10.44	S21 56.65	07.63	56.05
06	140 12.68	291 23.92	S15 11.01	304 12.83	S05 44.85	000 20.41	N16 13.44	052 06.68	N22 05.43	274 00.02	S17 22.77	184 51.00	10.54	S21 49.02	07.73	56.02
07	155 15.14	306 27.13	S15 10.06	319 13.81	S05 45.47	015 22.69	N16 13.39	067 09.29	N22 05.43	288 59.95	S17 23.47	199 20.54	10.63	S21 41.28	07.83	55.98
08	170 17.61	321 30.33	S15 09.11	334 14.79	S05 46.09	030 24.97	N16 13.34	082 11.89	N22 05.42	303 59.88	S17 24.16	213 50.17	10.73	S21 33.46	07.93	55.95
09	185 20.07	336 33.52	S15 08.17	349 15.77	S05 46.72	045 27.26	N16 13.30	097 14.50	N22 05.42	318 59.82	S17 24.85	228 19.90	10.83	S21 25.53	08.02	55.92
10	200 22.54	351 36.72	S15 07.22	004 16.75	S05 47.34	060 29.54	N16 13.25	112 17.11	N22 05.42	333 59.75	S17 25.54	242 49.73	10.92	S21 17.50	08.12	55.89
11	215 25.00	006 39.91	S15 06.28	019 17.73	S05 47.96	075 31.82	N16 13.20	127 19.72	N22 05.42	348 59.68	S17 26.23	257 19.65	11.02	S21 09.39	08.21	55.86
12	230 27.47	021 43.09	S15 05.34	034 18.71	S05 48.58	090 34.10	N16 13.16	142 22.33	N22 05.42	003 59.61	S17 26.92	271 49.67	11.12	S21 01.17	08.31	55.83
13	245 29.93	036 46.27	S15 04.40	049 19.70	S05 49.20	105 36.39	N16 13.11	157 24.94	N22 05.41	018 59.54	S17 27.60	286 19.79	11.21	S20 52.87	08.40	55.80
14	260 32.39	051 49.45	S15 03.46	064 20.68	S05 49.82	120 38.67	N16 13.07	172 27.54	N22 05.41	033 59.47	S17 28.29	300 50.00	11.31	S20 44.47	08.49	55.76
15	275 34.86	066 52.63	S15 02.52	079 21.66	S05 50.44	135 40.95	N16 13.02	187 30.15	N22 05.41	048 59.40	S17 28.98	315 20.31	11.40	S20 35.98	08.58	55.73
16	290 37.32	081 55.80	S15 01.58	094 22.64	S05 51.06	150 43.24	N16 12.97	202 32.76	N22 05.41	063 59.32	S17 29.67	329 50.72	11.50	S20 27.40	08.67	55.70
17	305 39.79	096 58.96	S15 00.65	109 23.62	S05 51.69	165 45.52	N16 12.93	217 35.37	N22 05.40	078 59.25	S17 30.35	344 21.22	11.59	S20 18.74	08.75	55.67
18	320 42.25	112 02.13	S14 59.71	124 24.60	S05 52.31	180 47.80	N16 12.88	232 37.98	N22 05.40	093 59.18	S17 31.04	358 51.81	11.69	S20 09.98	08.84	55.64
19	335 44.71	127 05.29	S14 58.78	139 25.58	S05 52.93	195 50.09	N16 12.84	247 40.59	N22 05.40	108 59.11	S17 31.72	013 22.50	11.78	S20 01.15	08.92	55.62
20	350 47.18	142 08.44	S14 57.85	154 26.56	S05 53.55	210 52.37	N16 12.79	262 43.20	N22 05.40	123 59.04	S17 32.41	027 53.28	11.87	S19 52.22	09.01	55.59
21	005 49.64	157 11.60	S14 56.92	169 27.54	S05 54.17	225 54.66	N16 12.74	277 45.81	N22 05.40	138 58.96	S17 33.09	042 24.15	11.97	S19 43.21	09.09	55.56
22	020 52.11	172 14.75	S14 55.99	184 28.52	S05 54.79	240 56.95	N16 12.70	292 48.42	N22 05.39	153 58.89	S17 33.78	056 55.12	12.06	S19 34.13	09.17	55.53
23	035 54.57	187 17.89	S14 55.06	199 29.50	S05 55.41	255 59.23	N16 12.65	307 51.03	N22 05.39	168 58.81	S17 34.46	071 26.18	12.15	S19 24.95	09.25	55.50
12 00	050 57.03	202 21.03	S14 54.14	214 30.48	S05 56.03	271 01.52	N16 12.61	322 53.64	N22 05.39	183 58.74	S17 35.14	085 57.33	12.24	S19 15.70	09.33	55.47
01	065 59.50	217 24.17	S14 53.21	229 31.46	S05 56.65	286 03.80	N16 12.56	337 56.25	N22 05.39	198 58.67	S17 35.83	100 28.56	12.33	S19 06.37	09.41	55.44
02	081 01.96	232 27.30	S14 52.29	244 32.44	S05 57.27	301 06.09	N16 12.52	352 58.86	N22 05.39	213 58.59	S17 36.51	114 59.89	12.42	S18 56.96	09.49	55.42
03	096 04.43	247 30.43	S14 51.36	259 33.43	S05 57.89	316 08.38	N16 12.47	008 01.47	N22 05.38	228 58.52	S17 37.19	129 31.31	12.51	S18 47.48	09.56	55.39
04	111 06.89	262 33.56	S14 50.44	274 34.41	S05 58.51	331 10.67	N16 12.43	023 04.09	N22 05.38	243 58.44	S17 37.87	144 02.82	12.60	S18 37.92	09.64	55.36
05	126 09.36	277 36.68	S14 49.52	289 35.39	S05 59.13	346 12.95	N16 12.38	038 06.70	N22 05.38	258 58.36	S17 38.55	158 34.42	12.68	S18 28.28	09.71	55.34
06	141 11.82	292 39.80	S14 48.61	304 36.37	S05 59.75	001 15.24	N16 12.34	053 09.31	N22 05.38	273 58.29	S17 39.23	173 06.10	12.77	S18 18.57	09.78	55.31
07	156 14.28	307 42.92	S14 47.69	319 37.35	S06 00.37	016 17.53	N16 12.29	068 11.92	N22 05.37	288 58.21	S17 39.91	187 37.87	12.86	S18 08.78	09.86	55.28
08	171 16.75	322 46.03	S14 46.77	334 38.33	S06 00.99	031 19.82	N16 12.25	083 14.53	N22 05.37	303 58.13	S17 40.59	202 09.72	12.94	S17 58.93	09.93	55.26
09	186 19.21	337 49.14	S14 45.86	349 39.31	S06 01.61	046 22.11	N16 12.20	098 17.14	N22 05.37	318 58.06	S17 41.26	216 41.66	13.03	S17 49.00	10.00	55.23
10	201 21.68	352 52.24	S14 44.95	004 40.29	S06 02.23	061 24.40	N16 12.16	113 19.76	N22 05.37	333 57.98	S17 41.94	231 13.69	13.11	S17 39.01	10.06	55.21
11	216 24.14	007 55.34	S14 44.03	019 41.26	S06 02.85	076 26.69	N16 12.11	128 22.37	N22 05.37	348 57.90	S17 42.62	245 45.80	13.19	S17 28.94	10.13	55.18
12	231 26.60	022 58.44	S14 43.12	034 42.24	S06 03.47	091 28.98	N16 12.07	143 24.98	N22 05.36	003 57.82	S17 43.30	260 17.99	13.27	S17 18.81	10.20	55.16
13	246 29.07	038 01.53	S14 42.22	049 43.22	S06 04.09	106 31.27	N16 12.03	158 27.59	N22 05.36	018 57.74	S17 43.97	274 50.26	13.36	S17 08.61	10.26	55.13
14	261 31.53	053 04.62	S14 41.31	064 44.20	S06 04.71	121 33.56	N16 11.98	173 30.21	N22 05.36	033 57.66	S17 44.65	289 22.62	13.44	S16 58.35	10.33	55.11
15	276 34.00	068 07.70	S14 40.40	079 45.18	S06 05.33	136 35.85	N16 11.94	188 32.82	N22 05.36	048 57.58	S17 45.32	303 55.06	13.52	S16 48.02	10.39	55.08
16	291 36.46	083 10.79	S14 39.50	094 46.16	S06 05.95	151 38.14	N16 11.89	203 35.43	N22 05.36	063 57.51	S17 46.00	318 27.57	13.60	S16 37.63	10.45	55.06
17	306 38.92	098 13.86	S14 38.59	109 47.14	S06 06.57	166 40.43	N16 11.85	218 38.05	N22 05.35	078 57.42	S17 46.67	333 00.17	13.67	S16 27.17	10.52	55.04
18	321 41.39	113 16.94	S14 37.69	124 48.12	S06 07.19	181 42.72	N16 11.81	233 40.66	N22 05.35	093 57.34	S17 47.34	347 32.84	13.75	S16 16.66	10.58	55.01
19	336 43.85	128 20.01	S14 36.79	139 49.10	S06 07.81	196 45.01	N16 11.76	248 43.27	N22 05.35	108 57.26	S17 48.01	002 05.60	13.83	S16 06.08	10.64	54.99
20	351 46.32	143 23.07	S14 35.89	154 50.08	S06 08.43	211 47.30	N16 11.72	263 45.89	N22 05.35	123 57.18	S17 48.69	016 38.42	13.90	S15 55.44	10.70	54.97
21	006 48.78	158 26.13	S14 35.00	169 51.06	S06 09.04	226 49.60	N16 11.67	278 48.50	N22 05.34	138 57.10	S17 49.36	031 11.33	13.98	S15 44.75	10.75	54.94
22	021 51.25	173 29.19	S14 34.10	184 52.04	S06 09.66	241 51.89	N16 11.63	293 51.11	N22 05.34	153 57.02	S17 50.03	045 44.31	14.05	S15 33.99	10.81	54.92
23	036 53.71	188 32.25	S14 33.21	199 53.02	S06 10.28	256 54.18	N16 11.59	308 53.73	N22 05.34	168 56.94	S17 50.70	060 17.36	14.13	S15 23.18	10.87	54.90
		v 3.14	d 0.93	v 0.98	d 0.62	v 2.29	d 0.05	v 2.61	d 0.00	v -0.07	d 0.68	SD	15.22	15.03		
		HP 0.51		HP 0.06						SD 16.16	HP 0.15					

Wednesday November 13, 2002 through Thursday November 14, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
13 00	051 56.17	203 35.30	S14 32.31	214 54.00	S06 10.90	271 56.48	N16 11.54	323 56.34	N22 05.34	183 56.85	S17 51.37	074 50.49	14.20	S15 12.32	10.92	54.88
01	066 58.64	218 38.35	S14 31.42	229 54.97	S06 11.52	286 58.77	N16 11.50	338 58.96	N22 05.34	198 56.77	S17 52.04	089 23.68	14.27	S15 01.39	10.98	54.86
02	082 01.10	233 41.39	S14 30.53	244 55.95	S06 12.14	302 01.06	N16 11.46	354 01.57	N22 05.33	213 56.69	S17 52.71	103 56.95	14.34	S14 50.42	11.03	54.84
03	097 03.57	248 44.43	S14 29.64	259 56.93	S06 12.76	317 03.36	N16 11.42	009 04.19	N22 05.33	228 56.60	S17 53.38	118 30.30	14.41	S14 39.39	11.08	54.82
04	112 06.03	263 47.46	S14 28.76	274 57.91	S06 13.38	332 05.65	N16 11.37	024 06.80	N22 05.33	243 56.52	S17 54.04	133 03.71	14.48	S14 28.31	11.13	54.80
05	127 08.49	278 50.49	S14 27.87	289 58.89	S06 13.99	347 07.95	N16 11.33	039 09.42	N22 05.33	258 56.43	S17 54.71	147 37.18	14.55	S14 17.17	11.18	54.78
06	142 10.96	293 53.52	S14 26.99	304 59.87	S06 14.61	002 10.24	N16 11.29	054 12.03	N22 05.33	273 56.35	S17 55.38	162 10.73	14.61	S14 05.99	11.23	54.76
07	157 13.42	308 56.55	S14 26.11	320 00.85	S06 15.23	017 12.54	N16 11.25	069 14.65	N22 05.32	288 56.26	S17 56.04	176 44.34	14.68	S13 54.75	11.28	54.74
08	172 15.89	323 59.57	S14 25.23	335 01.82	S06 15.85	032 14.83	N16 11.20	084 17.26	N22 05.32	303 56.18	S17 56.71	191 18.02	14.74	S13 43.47	11.33	54.72
09	187 18.35	339 02.58	S14 24.35	350 02.80	S06 16.47	047 17.13	N16 11.16	099 19.88	N22 05.32	318 56.09	S17 57.37	205 51.77	14.81	S13 32.14	11.38	54.70
10	202 20.81	354 05.59	S14 23.47	005 03.78	S06 17.09	062 19.43	N16 11.12	114 22.49	N22 05.32	333 56.00	S17 58.04	220 25.58	14.87	S13 20.76	11.42	54.68
11	217 23.28	009 08.60	S14 22.59	020 04.76	S06 17.70	077 21.72	N16 11.08	129 25.11	N22 05.31	348 55.92	S17 58.70	234 59.45	14.93	S13 09.34	11.47	54.66
12	232 25.74	024 11.61	S14 21.72	035 05.74	S06 18.32	092 24.02	N16 11.03	144 27.73	N22 05.31	003 55.83	S17 59.37	249 33.38	15.00	S12 57.87	11.51	54.64
13	247 28.21	039 14.61	S14 20.84	050 06.71	S06 18.94	107 26.32	N16 10.99	159 30.34	N22 05.31	018 55.74	S18 00.03	264 07.38	15.06	S12 46.35	11.56	54.63
14	262 30.67	054 17.61	S14 19.97	065 07.69	S06 19.56	122 28.62	N16 10.95	174 32.96	N22 05.31	033 55.66	S18 00.69	278 41.43	15.12	S12 34.80	11.60	54.61
15	277 33.13	069 20.60	S14 19.10	080 08.67	S06 20.17	137 30.91	N16 10.91	189 35.58	N22 05.31	048 55.57	S18 01.35	293 15.55	15.17	S12 23.19	11.64	54.59
16	292 35.60	084 23.59	S14 18.23	095 09.65	S06 20.79	152 33.21	N16 10.87	204 38.19	N22 05.30	063 55.48	S18 02.01	307 49.72	15.23	S12 11.55	11.69	54.57
17	307 38.06	099 26.57	S14 17.37	110 10.62	S06 21.41	167 35.51	N16 10.82	219 40.81	N22 05.30	078 55.39	S18 02.67	322 23.95	15.29	S11 59.86	11.73	54.56
18	322 40.53	114 29.55	S14 16.50	125 11.60	S06 22.03	182 37.81	N16 10.78	234 43.43	N22 05.30	093 55.30	S18 03.33	336 58.24	15.34	S11 48.14	11.77	54.54
19	337 42.99	129 32.53	S14 15.64	140 12.58	S06 22.64	197 40.11	N16 10.74	249 46.05	N22 05.30	108 55.21	S18 03.99	351 32.58	15.40	S11 36.37	11.80	54.52
20	352 45.45	144 35.50	S14 14.78	155 13.56	S06 23.26	212 42.41	N16 10.70	264 48.66	N22 05.30	123 55.12	S18 04.65	006 06.98	15.45	S11 24.57	11.84	54.51
21	007 47.92	159 38.47	S14 13.92	170 14.53	S06 23.88	227 44.71	N16 10.66	279 51.28	N22 05.29	138 55.03	S18 05.31	020 41.43	15.50	S11 12.73	11.88	54.49
22	022 50.38	174 41.44	S14 13.06	185 15.51	S06 24.50	242 47.01	N16 10.62	294 53.90	N22 05.29	153 54.94	S18 05.97	035 15.94	15.55	S11 00.85	11.92	54.48
23	037 52.85	189 44.40	S14 12.20	200 16.49	S06 25.11	257 49.31	N16 10.58	309 56.52	N22 05.29	168 54.85	S18 06.63	049 50.49	15.61	S10 48.93	11.95	54.46
14 00	052 55.31	204 47.36	S14 11.34	215 17.47	S06 25.73	272 51.61	N16 10.54	324 59.13	N22 05.29	183 54.76	S18 07.28	064 25.10	15.66	S10 36.97	11.99	54.45
01	067 57.78	219 50.31	S14 10.49	230 18.44	S06 26.35	287 53.91	N16 10.50	340 01.75	N22 05.28	198 54.66	S18 07.94	078 59.75	15.70	S10 24.99	12.02	54.43
02	083 00.24	234 53.26	S14 09.64	245 19.42	S06 26.96	302 56.21	N16 10.45	355 04.37	N22 05.28	213 54.57	S18 08.60	093 34.46	15.75	S10 12.96	12.06	54.42
03	098 02.70	249 56.21	S14 08.79	260 20.40	S06 27.58	317 58.51	N16 10.41	010 06.99	N22 05.28	228 54.48	S18 09.25	108 09.21	15.80	S10 00.91	12.09	54.40
04	113 05.17	264 59.15	S14 07.94	275 21.37	S06 28.20	333 00.82	N16 10.37	025 09.61	N22 05.28	243 54.39	S18 09.91	122 44.00	15.84	S09 48.82	12.12	54.39
05	128 07.63	280 02.09	S14 07.09	290 22.35	S06 28.81	348 03.12	N16 10.33	040 12.23	N22 05.28	258 54.29	S18 10.56	137 18.85	15.89	S09 36.70	12.15	54.38
06	143 10.10	295 05.03	S14 06.24	305 23.33	S06 29.43	003 05.42	N16 10.29	055 14.85	N22 05.27	273 54.20	S18 11.21	151 53.74	15.93	S09 24.54	12.18	54.36
07	158 12.56	310 07.96	S14 05.40	320 24.30	S06 30.05	018 07.72	N16 10.25	070 17.47	N22 05.27	288 54.11	S18 11.87	166 28.67	15.97	S09 12.36	12.21	54.35
08	173 15.02	325 10.88	S14 04.56	335 25.28	S06 30.66	033 10.03	N16 10.21	085 20.09	N22 05.27	303 54.01	S18 12.52	181 03.64	16.02	S09 00.15	12.24	54.34
09	188 17.49	340 13.81	S14 03.71	350 26.26	S06 31.28	048 12.33	N16 10.17	100 22.70	N22 05.27	318 53.92	S18 13.17	195 38.66	16.06	S08 47.91	12.27	54.33
10	203 19.95	355 16.72	S14 02.88	005 27.23	S06 31.90	063 14.63	N16 10.13	115 25.32	N22 05.27	333 53.82	S18 13.82	210 13.72	16.10	S08 35.63	12.30	54.31
11	218 22.42	010 19.64	S14 02.04	020 28.21	S06 32.51	078 16.94	N16 10.09	130 27.94	N22 05.26	348 53.73	S18 14.47	224 48.81	16.14	S08 23.34	12.33	54.30
12	233 24.88	025 22.55	S14 01.20	035 29.19	S06 33.13	093 19.24	N16 10.05	145 30.56	N22 05.26	003 53.63	S18 15.12	239 23.95	16.17	S08 11.01	12.35	54.29
13	248 27.34	040 25.46	S14 00.37	050 30.16	S06 33.74	108 21.55	N16 10.01	160 33.18	N22 05.26	018 53.53	S18 15.77	253 59.12	16.21	S07 58.66	12.38	54.28
14	263 29.81	055 28.36	S13 59.53	065 31.14	S06 34.36	123 23.85	N16 09.97	175 35.80	N22 05.26	033 53.44	S18 16.42	268 34.33	16.25	S07 46.28	12.40	54.27
15	278 32.27	070 31.26	S13 58.70	080 32.12	S06 34.98	138 26.16	N16 09.93	190 38.43	N22 05.25	048 53.34	S18 17.07	283 09.58	16.28	S07 33.88	12.43	54.26
16	293 34.74	085 34.15	S13 57.87	095 33.09	S06 35.59	153 28.46	N16 09.89	205 41.05	N22 05.25	063 53.24	S18 17.72	297 44.86	16.31	S07 21.45	12.45	54.25
17	308 37.20	100 37.05	S13 57.05	110 34.07	S06 36.21	168 30.77	N16 09.85	220 43.67	N22 05.25	078 53.15	S18 18.36	312 20.17	16.35	S07 09.00	12.47	54.24
18	323 39.66	115 39.93	S13 56.22	125 35.04	S06 36.82	183 33.07	N16 09.82	235 46.29	N22 05.25	093 53.05	S18 19.01	326 55.52	16.38	S06 56.53	12.50	54.23
19	338 42.13	130 42.82	S13 55.40	140 36.02	S06 37.44	198 35.38	N16 09.78	250 48.91	N22 05.25	108 52.95	S18 19.66	341 30.90	16.41	S06 44.03	12.52	54.22
20	353 44.59	145 45.70	S13 54.57	155 36.99	S06 38.06	213 37.69	N16 09.74	265 51.53	N22 05.24	123 52.85	S18 20.30	356 06.31	16.44	S06 31.51	12.54	54.21
21	008 47.06	160 48.57	S13 53.75	170 37.97	S06 38.67	228 39.99	N16 09.70	280 54.15	N22 05.24	138 52.75	S18 20.95	010 41.75	16.47	S06 18.97	12.56	54.20
22	023 49.52	175 51.44	S13 52.93	185 38.95	S06 39.29	243 42.30	N16 09.66	295 56.77	N22 05.24	153 52.65	S18 21.59	025 17.21	16.50	S06 06.42	12.58	54.19
23	038 51.98	190 54.31	S13 52.12	200 39.92	S06 39.90	258 44.61	N16 09.62	310 59.39	N22 05.24	168 52.55	S18 22.24	039 52.71	16.52	S05 53.84	12.60	54.18
		v 2.95	d 0.85	v 0.98	d 0.62	v 2.30	d 0.04	v 2.62	d 0.00	v -0.09	d 0.66	SD	14.89	14.79		
		HP 0.50		HP 0.06						SD 16.16	HP 0.15					

Friday November 15, 2002 through Saturday November 16, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
15 00	053 54.45	205 57.17	S13 51.30	215 40.90	S06 40.52	273 46.92	N16 09.58	326 02.02	N22 05.23	183 52.45	S18 22.88	054 28.23	16.55	S05 41.24	12.61	54.17
01	068 56.91	221 00.03	S13 50.49	230 41.87	S06 41.13	288 49.23	N16 09.54	341 04.64	N22 05.23	198 52.35	S18 23.52	069 03.78	16.57	S05 28.63	12.63	54.16
02	083 59.38	236 02.89	S13 49.67	245 42.85	S06 41.75	303 51.54	N16 09.50	356 07.26	N22 05.23	213 52.25	S18 24.17	083 39.35	16.60	S05 16.00	12.65	54.16
03	099 01.84	251 05.74	S13 48.86	260 43.82	S06 42.36	318 53.84	N16 09.47	011 09.88	N22 05.23	228 52.15	S18 24.81	098 14.95	16.62	S05 03.35	12.66	54.15
04	114 04.31	266 08.59	S13 48.06	275 44.80	S06 42.98	333 56.15	N16 09.43	026 12.50	N22 05.23	243 52.05	S18 25.45	112 50.56	16.64	S04 50.68	12.68	54.14
05	129 06.77	281 11.43	S13 47.25	290 45.77	S06 43.59	348 58.46	N16 09.39	041 15.13	N22 05.22	258 51.95	S18 26.09	127 26.20	16.66	S04 38.00	12.69	54.13
06	144 09.23	296 14.27	S13 46.44	305 46.75	S06 44.21	004 00.77	N16 09.35	056 17.75	N22 05.22	273 51.84	S18 26.73	142 01.87	16.68	S04 25.31	12.71	54.13
07	159 11.70	311 17.11	S13 45.64	320 47.72	S06 44.82	019 03.08	N16 09.31	071 20.37	N22 05.22	288 51.74	S18 27.37	156 37.55	16.70	S04 12.60	12.72	54.12
08	174 14.16	326 19.94	S13 44.84	335 48.70	S06 45.44	034 05.39	N16 09.28	086 23.00	N22 05.22	303 51.64	S18 28.01	171 13.25	16.72	S03 59.88	12.73	54.12
09	189 16.63	341 22.77	S13 44.04	350 49.67	S06 46.05	049 07.70	N16 09.24	101 25.62	N22 05.22	318 51.53	S18 28.65	185 48.96	16.73	S03 47.15	12.75	54.11
10	204 19.09	356 25.59	S13 43.24	005 50.65	S06 46.66	064 10.02	N16 09.20	116 28.24	N22 05.21	333 51.43	S18 29.28	200 24.70	16.75	S03 34.40	12.76	54.10
11	219 21.55	011 28.41	S13 42.44	020 51.62	S06 47.28	079 12.33	N16 09.16	131 30.87	N22 05.21	348 51.33	S18 29.92	215 00.45	16.76	S03 21.64	12.77	54.10
12	234 24.02	026 31.23	S13 41.65	035 52.60	S06 47.89	094 14.64	N16 09.12	146 33.49	N22 05.21	003 51.22	S18 30.56	229 36.21	16.78	S03 08.87	12.78	54.09
13	249 26.48	041 34.04	S13 40.86	050 53.57	S06 48.51	109 16.95	N16 09.09	161 36.11	N22 05.21	018 51.12	S18 31.19	244 11.99	16.79	S02 56.09	12.79	54.09
14	264 28.95	056 36.85	S13 40.06	065 54.55	S06 49.12	124 19.26	N16 09.05	176 38.74	N22 05.20	033 51.01	S18 31.83	258 47.78	16.80	S02 43.30	12.80	54.08
15	279 31.41	071 39.65	S13 39.28	080 55.52	S06 49.74	139 21.58	N16 09.01	191 41.36	N22 05.20	048 50.91	S18 32.46	273 23.59	16.81	S02 30.51	12.81	54.08
16	294 33.87	086 42.45	S13 38.49	095 56.49	S06 50.35	154 23.89	N16 08.98	206 43.99	N22 05.20	063 50.80	S18 33.10	287 59.40	16.82	S02 17.70	12.81	54.07
17	309 36.34	101 45.25	S13 37.70	110 57.47	S06 50.96	169 26.20	N16 08.94	221 46.61	N22 05.20	078 50.69	S18 33.73	302 35.23	16.83	S02 04.89	12.82	54.07
18	324 38.80	116 48.04	S13 36.92	125 58.44	S06 51.58	184 28.52	N16 08.90	236 49.23	N22 05.20	093 50.59	S18 34.36	317 11.06	16.84	S01 52.07	12.83	54.06
19	339 41.27	131 50.83	S13 36.14	140 59.42	S06 52.19	199 30.83	N16 08.86	251 51.86	N22 05.19	108 50.48	S18 35.00	331 46.90	16.85	S01 39.25	12.83	54.06
20	354 43.73	146 53.61	S13 35.36	156 00.39	S06 52.80	214 33.14	N16 08.83	266 54.48	N22 05.19	123 50.37	S18 35.63	346 22.75	16.85	S01 26.42	12.84	54.06
21	009 46.19	161 56.39	S13 34.58	171 01.36	S06 53.42	229 35.46	N16 08.79	281 57.11	N22 05.19	138 50.27	S18 36.26	000 58.60	16.86	S01 13.58	12.84	54.05
22	024 48.66	176 59.17	S13 33.80	186 02.34	S06 54.03	244 37.77	N16 08.75	296 59.73	N22 05.19	153 50.16	S18 36.89	015 34.46	16.86	S01 00.74	12.84	54.05
23	039 51.12	192 01.94	S13 33.03	201 03.31	S06 54.65	259 40.09	N16 08.72	312 02.36	N22 05.18	168 50.05	S18 37.52	030 10.32	16.87	S00 47.90	12.85	54.05
16 00	054 53.59	207 04.71	S13 32.25	216 04.28	S06 55.26	274 42.40	N16 08.68	327 04.99	N22 05.18	183 49.94	S18 38.15	044 46.19	16.87	S00 35.05	12.85	54.05
01	069 56.05	222 07.47	S13 31.48	231 05.26	S06 55.87	289 44.72	N16 08.64	342 07.61	N22 05.18	198 49.83	S18 38.78	059 22.06	16.87	S00 22.20	12.85	54.04
02	084 58.51	237 10.23	S13 30.71	246 06.23	S06 56.48	304 47.04	N16 08.61	357 10.24	N22 05.18	213 49.72	S18 39.41	073 57.93	16.87	S00 09.35	12.85	54.04
03	100 00.98	252 12.99	S13 29.94	261 07.21	S06 57.10	319 49.35	N16 08.57	012 12.86	N22 05.18	228 49.61	S18 40.04	088 33.80	16.87	N00 03.50	12.85	54.04
04	115 03.44	267 15.74	S13 29.18	276 08.18	S06 57.71	334 51.67	N16 08.54	027 15.49	N22 05.17	243 49.50	S18 40.67	103 09.67	16.87	N00 16.35	12.85	54.04
05	130 05.91	282 18.49	S13 28.41	291 09.15	S06 58.32	349 53.99	N16 08.50	042 18.11	N22 05.17	258 49.39	S18 41.29	117 45.53	16.86	N00 29.20	12.85	54.04
06	145 08.37	297 21.23	S13 27.65	306 10.12	S06 58.94	004 56.30	N16 08.46	057 20.74	N22 05.17	273 49.28	S18 41.92	132 21.40	16.86	N00 42.05	12.85	54.04
07	160 10.83	312 23.97	S13 26.89	321 11.10	S06 59.55	019 58.62	N16 08.43	072 23.37	N22 05.17	288 49.17	S18 42.54	146 57.26	16.86	N00 54.90	12.84	54.03
08	175 13.30	327 26.71	S13 26.13	336 12.07	S07 00.16	035 00.94	N16 08.39	087 25.99	N22 05.16	303 49.06	S18 43.17	161 33.11	16.85	N01 07.74	12.84	54.03
09	190 15.76	342 29.44	S13 25.38	351 13.04	S07 00.78	050 03.26	N16 08.36	102 28.62	N22 05.16	318 48.95	S18 43.79	176 08.96	16.84	N01 20.58	12.84	54.03
10	205 18.23	357 32.17	S13 24.62	006 14.02	S07 01.39	065 05.58	N16 08.32	117 31.25	N22 05.16	333 48.83	S18 44.42	190 44.81	16.84	N01 33.42	12.83	54.03
11	220 20.69	012 34.89	S13 23.87	021 14.99	S07 02.00	080 07.89	N16 08.29	132 33.87	N22 05.16	348 48.72	S18 45.04	205 20.65	16.83	N01 46.25	12.83	54.03
12	235 23.16	027 37.62	S13 23.12	036 15.96	S07 02.61	095 10.21	N16 08.25	147 36.50	N22 05.16	003 48.61	S18 45.66	219 56.47	16.82	N01 59.08	12.82	54.03
13	250 25.62	042 40.33	S13 22.37	051 16.93	S07 03.22	110 12.53	N16 08.22	162 39.13	N22 05.15	018 48.49	S18 46.29	234 32.29	16.81	N02 11.90	12.82	54.03
14	265 28.08	057 43.04	S13 21.62	066 17.91	S07 03.84	125 14.85	N16 08.18	177 41.76	N22 05.15	033 48.38	S18 46.91	249 08.10	16.80	N02 24.72	12.81	54.03
15	280 30.55	072 45.75	S13 20.88	081 18.88	S07 04.45	140 17.17	N16 08.15	192 44.38	N22 05.15	048 48.27	S18 47.53	263 43.90	16.79	N02 37.53	12.80	54.03
16	295 33.01	087 48.46	S13 20.13	096 19.85	S07 05.06	155 19.49	N16 08.11	207 47.01	N22 05.15	063 48.15	S18 48.15	278 19.68	16.77	N02 50.33	12.79	54.04
17	310 35.48	102 51.16	S13 19.39	111 20.82	S07 05.67	170 21.81	N16 08.08	222 49.64	N22 05.15	078 48.04	S18 48.77	292 55.45	16.76	N03 03.12	12.78	54.04
18	325 37.94	117 53.85	S13 18.65	126 21.80	S07 06.29	185 24.14	N16 08.04	237 52.27	N22 05.14	093 47.92	S18 49.39	307 31.21	16.74	N03 15.90	12.77	54.04
19	340 40.40	132 56.55	S13 17.91	141 22.77	S07 06.90	200 26.46	N16 08.01	252 54.90	N22 05.14	108 47.81	S18 50.01	322 06.96	16.73	N03 28.68	12.76	54.04
20	355 42.87	147 59.23	S13 17.18	156 23.74	S07 07.51	215 28.78	N16 07.97	267 57.53	N22 05.14	123 47.69	S18 50.63	336 42.68	16.71	N03 41.44	12.75	54.04
21	010 45.33	163 01.92	S13 16.44	171 24.71	S07 08.12	230 31.10	N16 07.94	283 00.15	N22 05.14	138 47.57	S18 51.24	351 18.39	16.69	N03 54.19	12.74	54.04
22	025 47.80	178 04.60	S13 15.71	186 25.68	S07 08.73	245 33.42	N16 07.90	298 02.78	N22 05.13	153 47.46	S18 51.86	005 54.08	16.67	N04 06.93	12.73	54.05
23	040 50.26	193 07.28	S13 14.98	201 26.66	S07 09.34	260 35.75	N16 07.87	313 05.41	N22 05.13	168 47.34	S18 52.48	020 29.76	16.65	N04 19.65	12.71	54.05
		v 2.76	d 0.77	v 0.97	d 0.61	v 2.32	d 0.04	v 2.63	d 0.00	v -0.11	d 0.63	SD	14.74	14.72		
		HP 0.49		HP 0.06						SD 16.17	HP 0.15					

Sunday November 17, 2002 through Monday November 18, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
17 00	055 52.72	208 09.95	S13 14.25	216 27.63	S07 09.95	275 38.07	N16 07.84	328 08.04	N22 05.13	183 47.22	S18 53.09	035 05.41	16.63	N04 32.37	12.70	54.05
01	070 55.19	223 12.62	S13 13.53	231 28.60	S07 10.57	290 40.39	N16 07.80	343 10.67	N22 05.13	198 47.10	S18 53.71	049 41.05	16.61	N04 45.07	12.68	54.05
02	085 57.65	238 15.28	S13 12.80	246 29.57	S07 11.18	305 42.72	N16 07.77	358 13.30	N22 05.13	213 46.99	S18 54.32	064 16.66	16.59	N04 57.75	12.67	54.06
03	101 00.12	253 17.94	S13 12.08	261 30.54	S07 11.79	320 45.04	N16 07.73	013 15.93	N22 05.12	228 46.87	S18 54.94	078 52.25	16.57	N05 10.42	12.65	54.06
04	116 02.58	268 20.60	S13 11.36	276 31.51	S07 12.40	335 47.36	N16 07.70	028 18.56	N22 05.12	243 46.75	S18 55.55	093 27.81	16.54	N05 23.07	12.63	54.06
05	131 05.04	283 23.25	S13 10.64	291 32.49	S07 13.01	350 49.69	N16 07.67	043 21.19	N22 05.12	258 46.63	S18 56.16	108 03.36	16.52	N05 35.71	12.62	54.07
06	146 07.51	298 25.90	S13 09.92	306 33.46	S07 13.62	005 52.01	N16 07.63	058 23.82	N22 05.12	273 46.51	S18 56.78	122 38.87	16.49	N05 48.32	12.60	54.07
07	161 09.97	313 28.54	S13 09.21	321 34.43	S07 14.23	020 54.34	N16 07.60	073 26.45	N22 05.11	288 46.39	S18 57.39	137 14.37	16.46	N06 00.92	12.58	54.07
08	176 12.44	328 31.18	S13 08.50	336 35.40	S07 14.84	035 56.66	N16 07.57	088 29.08	N22 05.11	303 46.27	S18 58.00	151 49.83	16.44	N06 13.50	12.56	54.08
09	191 14.90	343 33.82	S13 07.78	351 36.37	S07 15.45	050 58.99	N16 07.53	103 31.71	N22 05.11	318 46.15	S18 58.61	166 25.27	16.41	N06 26.06	12.54	54.08
10	206 17.36	358 36.45	S13 07.08	006 37.34	S07 16.06	066 01.31	N16 07.50	118 34.34	N22 05.11	333 46.03	S18 59.22	181 00.68	16.38	N06 38.60	12.52	54.09
11	221 19.83	013 39.08	S13 06.37	021 38.31	S07 16.67	081 03.64	N16 07.47	133 36.97	N22 05.11	348 45.91	S18 59.83	195 36.05	16.35	N06 51.12	12.50	54.09
12	236 22.29	028 41.70	S13 05.66	036 39.28	S07 17.29	096 05.97	N16 07.43	148 39.60	N22 05.10	003 45.78	S19 00.44	210 11.40	16.32	N07 03.61	12.47	54.10
13	251 24.76	043 44.33	S13 04.96	051 40.25	S07 17.90	111 08.29	N16 07.40	163 42.23	N22 05.10	018 45.66	S19 01.05	224 46.72	16.28	N07 16.09	12.45	54.10
14	266 27.22	058 46.94	S13 04.26	066 41.22	S07 18.51	126 10.62	N16 07.37	178 44.86	N22 05.10	033 45.54	S19 01.65	239 22.00	16.25	N07 28.54	12.42	54.11
15	281 29.69	073 49.55	S13 03.56	081 42.20	S07 19.12	141 12.95	N16 07.34	193 47.49	N22 05.10	048 45.42	S19 02.26	253 57.26	16.22	N07 40.96	12.40	54.11
16	296 32.15	088 52.16	S13 02.86	096 43.17	S07 19.73	156 15.28	N16 07.30	208 50.12	N22 05.09	063 45.29	S19 02.87	268 32.47	16.18	N07 53.36	12.37	54.12
17	311 34.61	103 54.77	S13 02.16	111 44.14	S07 20.34	171 17.61	N16 07.27	223 52.75	N22 05.09	078 45.17	S19 03.47	283 07.66	16.15	N08 05.73	12.35	54.12
18	326 37.08	118 57.37	S13 01.47	126 45.11	S07 20.95	186 19.93	N16 07.24	238 55.39	N22 05.09	093 45.05	S19 04.08	297 42.81	16.11	N08 18.08	12.32	54.13
19	341 39.54	133 59.96	S13 00.78	141 46.08	S07 21.56	201 22.26	N16 07.21	253 58.02	N22 05.09	108 44.92	S19 04.68	312 17.92	16.07	N08 30.40	12.29	54.13
20	356 42.01	149 02.56	S13 00.09	156 47.05	S07 22.17	216 24.59	N16 07.17	269 00.65	N22 05.09	123 44.80	S19 05.29	326 52.99	16.04	N08 42.69	12.26	54.14
21	011 44.47	164 05.15	S12 59.40	171 48.02	S07 22.78	231 26.92	N16 07.14	284 03.28	N22 05.08	138 44.67	S19 05.89	341 28.03	16.00	N08 54.96	12.23	54.15
22	026 46.93	179 07.73	S12 58.72	186 48.99	S07 23.39	246 29.25	N16 07.11	299 05.91	N22 05.08	153 44.55	S19 06.49	356 03.02	15.96	N09 07.19	12.20	54.15
23	041 49.40	194 10.31	S12 58.03	201 49.96	S07 23.99	261 31.58	N16 07.08	314 08.55	N22 05.08	168 44.42	S19 07.10	010 37.98	15.92	N09 19.39	12.17	54.16
18 00	056 51.86	209 12.89	S12 57.35	216 50.93	S07 24.60	276 33.91	N16 07.05	329 11.18	N22 05.08	183 44.30	S19 07.70	025 12.90	15.88	N09 31.56	12.14	54.17
01	071 54.33	224 15.46	S12 56.67	231 51.90	S07 25.21	291 36.24	N16 07.01	344 13.81	N22 05.07	198 44.17	S19 08.30	039 47.77	15.83	N09 43.70	12.11	54.17
02	086 56.79	239 18.03	S12 55.99	246 52.87	S07 25.82	306 38.57	N16 06.98	359 16.44	N22 05.07	213 44.04	S19 08.90	054 22.61	15.79	N09 55.81	12.07	54.18
03	101 59.25	254 20.59	S12 55.32	261 53.84	S07 26.43	321 40.91	N16 06.95	014 19.08	N22 05.07	228 43.92	S19 09.50	068 57.40	15.75	N10 07.88	12.04	54.19
04	117 01.72	269 23.15	S12 54.64	276 54.80	S07 27.04	336 43.24	N16 06.92	029 21.71	N22 05.07	243 43.79	S19 10.10	083 32.14	15.70	N10 19.92	12.00	54.20
05	132 04.18	284 25.71	S12 53.97	291 55.77	S07 27.65	351 45.57	N16 06.89	044 24.34	N22 05.06	258 43.66	S19 10.70	098 06.84	15.66	N10 31.92	11.97	54.20
06	147 06.65	299 28.26	S12 53.30	306 56.74	S07 28.26	006 47.90	N16 06.86	059 26.98	N22 05.06	273 43.53	S19 11.30	112 41.50	15.61	N10 43.89	11.93	54.21
07	162 09.11	314 30.81	S12 52.63	321 57.71	S07 28.87	021 50.23	N16 06.83	074 29.61	N22 05.06	288 43.40	S19 11.89	127 16.11	15.56	N10 55.82	11.89	54.22
08	177 11.57	329 33.36	S12 51.96	336 58.68	S07 29.48	036 52.57	N16 06.79	089 32.24	N22 05.06	303 43.27	S19 12.49	141 50.67	15.51	N11 07.71	11.85	54.23
09	192 14.04	344 35.90	S12 51.30	351 59.65	S07 30.08	051 54.90	N16 06.76	104 34.88	N22 05.06	318 43.15	S19 13.09	156 25.19	15.47	N11 19.56	11.81	54.24
10	207 16.50	359 38.44	S12 50.64	007 00.62	S07 30.69	066 57.23	N16 06.73	119 37.51	N22 05.05	333 43.02	S19 13.68	170 59.65	15.42	N11 31.37	11.77	54.24
11	222 18.97	014 40.97	S12 49.98	022 01.59	S07 31.30	081 59.57	N16 06.70	134 40.14	N22 05.05	348 42.89	S19 14.28	185 34.07	15.37	N11 43.15	11.73	54.25
12	237 21.43	029 43.50	S12 49.32	037 02.56	S07 31.91	097 01.90	N16 06.67	149 42.78	N22 05.05	003 42.76	S19 14.87	200 08.44	15.32	N11 54.88	11.69	54.26
13	252 23.90	044 46.02	S12 48.66	052 03.53	S07 32.52	112 04.24	N16 06.64	164 45.41	N22 05.05	018 42.62	S19 15.47	214 42.75	15.26	N12 06.57	11.65	54.27
14	267 26.36	059 48.54	S12 48.01	067 04.50	S07 33.13	127 06.57	N16 06.61	179 48.05	N22 05.04	033 42.49	S19 16.06	229 17.01	15.21	N12 18.22	11.60	54.28
15	282 28.82	074 51.06	S12 47.36	082 05.46	S07 33.74	142 08.91	N16 06.58	194 50.68	N22 05.04	048 42.36	S19 16.65	243 51.23	15.16	N12 29.82	11.56	54.29
16	297 31.29	089 53.57	S12 46.71	097 06.43	S07 34.34	157 11.24	N16 06.55	209 53.32	N22 05.04	063 42.23	S19 17.24	258 25.39	15.10	N12 41.38	11.51	54.30
17	312 33.75	104 56.08	S12 46.06	112 07.40	S07 34.95	172 13.58	N16 06.52	224 55.95	N22 05.04	078 42.10	S19 17.84	272 59.49	15.05	N12 52.89	11.47	54.31
18	327 36.22	119 58.59	S12 45.41	127 08.37	S07 35.56	187 15.91	N16 06.49	239 58.59	N22 05.04	093 41.97	S19 18.43	287 33.54	15.00	N13 04.36	11.42	54.32
19	342 38.68	135 01.09	S12 44.77	142 09.34	S07 36.17	202 18.25	N16 06.46	255 01.22	N22 05.03	108 41.83	S19 19.02	302 07.54	14.94	N13 15.78	11.37	54.33
20	357 41.14	150 03.59	S12 44.12	157 10.31	S07 36.77	217 20.59	N16 06.43	270 03.86	N22 05.03	123 41.70	S19 19.61	316 41.48	14.88	N13 27.15	11.32	54.34
21	012 43.61	165 06.08	S12 43.48	172 11.27	S07 37.38	232 22.92	N16 06.40	285 06.49	N22 05.03	138 41.57	S19 20.20	331 15.36	14.83	N13 38.47	11.27	54.35
22	027 46.07	180 08.57	S12 42.85	187 12.24	S07 37.99	247 25.26	N16 06.37	300 09.13	N22 05.03	153 41.43	S19 20.78	345 49.18	14.77	N13 49.74	11.22	54.36
23	042 48.54	195 11.05	S12 42.21	202 13.21	S07 38.60	262 27.60	N16 06.34	315 11.76	N22 05.02	168 41.30	S19 21.37	000 22.95	14.71	N14 00.97	11.17	54.37
		v 2.57	d 0.68	v 0.97	d 0.61	v 2.33	d 0.03	v 2.63	d 0.00	v -0.13	d 0.60	SD	14.74	14.78		
		HP 0.47		HP 0.06						SD 16.18	HP 0.15					

Tuesday November 19, 2002 through Wednesday November 20, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
19 00	057 51.00	210 13.53	S12 41.58	217 14.18	S07 39.20	277 29.94	N16 06.31	330 14.40	N22 05.02	183 41.16	S19 21.96	014 56.66	14.65	N14 12.14	11.12	54.38
01	072 53.46	225 16.01	S12 40.94	232 15.14	S07 39.81	292 32.27	N16 06.28	345 17.03	N22 05.02	198 41.03	S19 22.55	029 30.31	14.59	N14 23.25	11.06	54.39
02	087 55.93	240 18.49	S12 40.31	247 16.11	S07 40.42	307 34.61	N16 06.25	000 19.67	N22 05.02	213 40.89	S19 23.13	044 03.90	14.53	N14 34.32	11.01	54.40
03	102 58.39	255 20.95	S12 39.68	262 17.08	S07 41.03	322 36.95	N16 06.22	015 22.31	N22 05.02	228 40.76	S19 23.72	058 37.43	14.47	N14 45.33	10.95	54.41
04	118 00.86	270 23.42	S12 39.06	277 18.05	S07 41.63	337 39.29	N16 06.19	030 24.94	N22 05.01	243 40.62	S19 24.30	073 10.90	14.41	N14 56.28	10.90	54.42
05	133 03.32	285 25.88	S12 38.43	292 19.01	S07 42.24	352 41.63	N16 06.16	045 27.58	N22 05.01	258 40.48	S19 24.89	087 44.31	14.34	N15 07.18	10.84	54.43
06	148 05.78	300 28.34	S12 37.81	307 19.98	S07 42.85	007 43.97	N16 06.14	060 30.22	N22 05.01	273 40.35	S19 25.47	102 17.65	14.28	N15 18.02	10.78	54.44
07	163 08.25	315 30.79	S12 37.19	322 20.95	S07 43.45	022 46.31	N16 06.11	075 32.85	N22 05.01	288 40.21	S19 26.05	116 50.93	14.22	N15 28.81	10.72	54.45
08	178 10.71	330 33.24	S12 36.57	337 21.92	S07 44.06	037 48.65	N16 06.08	090 35.49	N22 05.00	303 40.07	S19 26.64	131 24.15	14.15	N15 39.53	10.66	54.46
09	193 13.18	345 35.69	S12 35.96	352 22.88	S07 44.67	052 50.99	N16 06.05	105 38.13	N22 05.00	318 39.94	S19 27.22	145 57.30	14.09	N15 50.19	10.60	54.48
10	208 15.64	000 38.13	S12 35.34	007 23.85	S07 45.27	067 53.33	N16 06.02	120 40.76	N22 05.00	333 39.80	S19 27.80	160 30.39	14.02	N16 00.80	10.54	54.49
11	223 18.11	015 40.57	S12 34.73	022 24.82	S07 45.88	082 55.67	N16 05.99	135 43.40	N22 05.00	348 39.66	S19 28.38	175 03.42	13.96	N16 11.34	10.48	54.50
12	238 20.57	030 43.00	S12 34.12	037 25.78	S07 46.49	097 58.02	N16 05.96	150 46.04	N22 05.00	003 39.52	S19 28.96	189 36.38	13.89	N16 21.82	10.41	54.51
13	253 23.03	045 45.43	S12 33.51	052 26.75	S07 47.09	113 00.36	N16 05.94	165 48.68	N22 04.99	018 39.38	S19 29.54	204 09.27	13.83	N16 32.23	10.35	54.52
14	268 25.50	060 47.86	S12 32.91	067 27.72	S07 47.70	128 02.70	N16 05.91	180 51.31	N22 04.99	033 39.24	S19 30.12	218 42.10	13.76	N16 42.58	10.28	54.53
15	283 27.96	075 50.28	S12 32.30	082 28.68	S07 48.31	143 05.04	N16 05.88	195 53.95	N22 04.99	048 39.10	S19 30.70	233 14.86	13.69	N16 52.87	10.22	54.55
16	298 30.43	090 52.70	S12 31.70	097 29.65	S07 48.91	158 07.39	N16 05.85	210 56.59	N22 04.99	063 38.96	S19 31.27	247 47.55	13.62	N17 03.08	10.15	54.56
17	313 32.89	105 55.11	S12 31.10	112 30.62	S07 49.52	173 09.73	N16 05.82	225 59.23	N22 04.98	078 38.82	S19 31.85	262 20.17	13.56	N17 13.23	10.08	54.57
18	328 35.35	120 57.52	S12 30.50	127 31.58	S07 50.12	188 12.07	N16 05.80	241 01.87	N22 04.98	093 38.68	S19 32.43	276 52.73	13.49	N17 23.31	10.01	54.58
19	343 37.82	135 59.93	S12 29.91	142 32.55	S07 50.73	203 14.42	N16 05.77	256 04.50	N22 04.98	108 38.54	S19 33.00	291 25.21	13.42	N17 33.33	09.94	54.60
20	358 40.28	151 02.33	S12 29.31	157 33.52	S07 51.33	218 16.76	N16 05.74	271 07.14	N22 04.98	123 38.40	S19 33.58	305 57.63	13.35	N17 43.27	09.87	54.61
21	013 42.75	166 04.73	S12 28.72	172 34.48	S07 51.94	233 19.11	N16 05.71	286 09.78	N22 04.97	138 38.25	S19 34.15	320 29.98	13.28	N17 53.14	09.80	54.62
22	028 45.21	181 07.13	S12 28.13	187 35.45	S07 52.55	248 21.45	N16 05.69	301 12.42	N22 04.97	153 38.11	S19 34.73	335 02.25	13.21	N18 02.94	09.72	54.64
23	043 47.68	196 09.52	S12 27.54	202 36.41	S07 53.15	263 23.80	N16 05.66	316 15.06	N22 04.97	168 37.97	S19 35.30	349 34.46	13.14	N18 12.66	09.65	54.65
20 00	058 50.14	211 11.90	S12 26.96	217 37.38	S07 53.76	278 26.14	N16 05.63	331 17.70	N22 04.97	183 37.83	S19 35.87	004 06.60	13.06	N18 22.31	09.57	54.66
01	073 52.60	226 14.29	S12 26.37	232 38.34	S07 54.36	293 28.49	N16 05.60	346 20.34	N22 04.97	198 37.68	S19 36.45	018 38.66	12.99	N18 31.88	09.50	54.68
02	088 55.07	241 16.67	S12 25.79	247 39.31	S07 54.97	308 30.83	N16 05.58	001 22.98	N22 04.96	213 37.54	S19 37.02	033 10.65	12.92	N18 41.38	09.42	54.69
03	103 57.53	256 19.04	S12 25.21	262 40.28	S07 55.57	323 33.18	N16 05.55	016 25.62	N22 04.96	228 37.39	S19 37.59	047 42.57	12.85	N18 50.80	09.34	54.70
04	118 60.00	271 21.41	S12 24.63	277 41.24	S07 56.18	338 35.53	N16 05.52	031 28.26	N22 04.96	243 37.25	S19 38.16	062 14.42	12.78	N19 00.14	09.26	54.72
05	134 02.46	286 23.78	S12 24.06	292 42.21	S07 56.78	353 37.87	N16 05.50	046 30.90	N22 04.96	258 37.10	S19 38.73	076 46.20	12.70	N19 09.40	09.18	54.73
06	149 04.92	301 26.14	S12 23.49	307 43.17	S07 57.39	008 40.22	N16 05.47	061 33.54	N22 04.95	273 36.96	S19 39.30	091 17.91	12.63	N19 18.59	09.10	54.74
07	164 07.39	316 28.50	S12 22.91	322 44.14	S07 57.99	023 42.57	N16 05.44	076 36.18	N22 04.95	288 36.81	S19 39.87	105 49.54	12.56	N19 27.69	09.02	54.76
08	179 09.85	331 30.86	S12 22.34	337 45.10	S07 58.59	038 44.92	N16 05.42	091 38.82	N22 04.95	303 36.67	S19 40.43	120 21.10	12.49	N19 36.70	08.93	54.77
09	194 12.32	346 33.21	S12 21.78	352 46.07	S07 59.20	053 47.27	N16 05.39	106 41.46	N22 04.95	318 36.52	S19 41.00	134 52.58	12.41	N19 45.64	08.85	54.79
10	209 14.78	001 35.56	S12 21.21	007 47.03	S07 59.80	068 49.61	N16 05.37	121 44.10	N22 04.95	333 36.37	S19 41.57	149 24.00	12.34	N19 54.49	08.76	54.80
11	224 17.25	016 37.90	S12 20.65	022 48.00	S08 00.41	083 51.96	N16 05.34	136 46.74	N22 04.94	348 36.23	S19 42.13	163 55.34	12.27	N20 03.25	08.68	54.81
12	239 19.71	031 40.24	S12 20.09	037 48.96	S08 01.01	098 54.31	N16 05.31	151 49.38	N22 04.94	003 36.08	S19 42.70	178 26.60	12.19	N20 11.93	08.59	54.83
13	254 22.17	046 42.58	S12 19.53	052 49.93	S08 01.62	113 56.66	N16 05.29	166 52.02	N22 04.94	018 35.93	S19 43.26	192 57.79	12.12	N20 20.52	08.50	54.84
14	269 24.64	061 44.91	S12 18.97	067 50.89	S08 02.22	128 59.01	N16 05.26	181 54.66	N22 04.94	033 35.78	S19 43.83	207 28.91	12.04	N20 29.02	08.41	54.86
15	284 27.10	076 47.24	S12 18.42	082 51.85	S08 02.82	144 01.36	N16 05.24	196 57.30	N22 04.93	048 35.64	S19 44.39	221 59.96	11.97	N20 37.44	08.32	54.87
16	299 29.57	091 49.57	S12 17.86	097 52.82	S08 03.43	159 03.71	N16 05.21	211 59.94	N22 04.93	063 35.49	S19 44.95	236 30.93	11.90	N20 45.76	08.23	54.89
17	314 32.03	106 51.89	S12 17.31	112 53.78	S08 04.03	174 06.06	N16 05.19	227 02.58	N22 04.93	078 35.34	S19 45.52	251 01.82	11.82	N20 53.99	08.14	54.90
18	329 34.49	121 54.20	S12 16.76	127 54.75	S08 04.64	189 08.42	N16 05.16	242 05.22	N22 04.93	093 35.19	S19 46.08	265 32.64	11.75	N21 02.13	08.04	54.92
19	344 36.96	136 56.52	S12 16.22	142 55.71	S08 05.24	204 10.77	N16 05.13	257 07.87	N22 04.92	108 35.04	S19 46.64	280 03.39	11.67	N21 10.17	07.95	54.93
20	359 39.42	151 58.83	S12 15.67	157 56.68	S08 05.84	219 13.12	N16 05.11	272 10.51	N22 04.92	123 34.89	S19 47.20	294 34.07	11.60	N21 18.12	07.85	54.95
21	014 41.89	167 01.13	S12 15.13	172 57.64	S08 06.45	234 15.47	N16 05.08	287 13.15	N22 04.92	138 34.74	S19 47.76	309 04.67	11.53	N21 25.98	07.76	54.96
22	029 44.35	182 03.43	S12 14.59	187 58.60	S08 07.05	249 17.82	N16 05.06	302 15.79	N22 04.92	153 34.59	S19 48.32	323 35.20	11.45	N21 33.74	07.66	54.98
23	044 46.82	197 05.73	S12 14.05	202 59.57	S08 07.65	264 20.18	N16 05.03	317 18.43	N22 04.92	168 34.44	S19 48.88	338 05.65	11.38	N21 41.40	07.56	54.99
		v 2.38	d 0.58	v 0.97	d 0.61	v 2.35	d 0.03	v 2.64	d 0.00	v -0.14	d 0.57	SD	14.85	14.94		
		HP 0.46		HP 0.06						SD 16.19	HP 0.15					

Thursday November 21, 2002 through Friday November 22, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
21 00	059 49.28	212 08.02	S12 13.51	218 00.53	S08 08.26	279 22.53	N16 05.01	332 21.07	N22 04.91	183 34.28	S19 49.43	352 36.03	11.31	N21 48.96	07.46	55.01
01	074 51.74	227 10.31	S12 12.98	233 01.49	S08 08.86	294 24.88	N16 04.99	347 23.72	N22 04.91	198 34.13	S19 49.99	007 06.34	11.23	N21 56.42	07.36	55.03
02	089 54.21	242 12.60	S12 12.44	248 02.46	S08 09.46	309 27.24	N16 04.96	002 26.36	N22 04.91	213 33.98	S19 50.55	021 36.57	11.16	N22 03.79	07.26	55.04
03	104 56.67	257 14.88	S12 11.91	263 03.42	S08 10.06	324 29.59	N16 04.94	017 29.00	N22 04.91	228 33.83	S19 51.10	036 06.73	11.09	N22 11.05	07.16	55.06
04	119 59.14	272 17.16	S12 11.39	278 04.38	S08 10.67	339 31.95	N16 04.91	032 31.65	N22 04.90	243 33.67	S19 51.66	050 36.82	11.01	N22 18.21	07.06	55.07
05	135 01.60	287 19.43	S12 10.86	293 05.35	S08 11.27	354 34.30	N16 04.89	047 34.29	N22 04.90	258 33.52	S19 52.21	065 06.83	10.94	N22 25.26	06.95	55.09
06	150 04.06	302 21.70	S12 10.33	308 06.31	S08 11.87	009 36.66	N16 04.86	062 36.93	N22 04.90	273 33.37	S19 52.77	079 36.77	10.87	N22 32.21	06.85	55.11
07	165 06.53	317 23.97	S12 09.81	323 07.27	S08 12.47	024 39.01	N16 04.84	077 39.57	N22 04.90	288 33.21	S19 53.32	094 06.65	10.80	N22 39.06	06.74	55.12
08	180 08.99	332 26.23	S12 09.29	338 08.24	S08 13.08	039 41.37	N16 04.82	092 42.22	N22 04.89	303 33.06	S19 53.87	108 36.44	10.73	N22 45.80	06.63	55.14
09	195 11.46	347 28.49	S12 08.77	353 09.20	S08 13.68	054 43.72	N16 04.79	107 44.86	N22 04.89	318 32.90	S19 54.43	123 06.17	10.66	N22 52.43	06.52	55.15
10	210 13.92	002 30.75	S12 08.26	008 10.16	S08 14.28	069 46.08	N16 04.77	122 47.50	N22 04.89	333 32.75	S19 54.98	137 35.83	10.59	N22 58.96	06.42	55.17
11	225 16.39	017 33.00	S12 07.74	023 11.12	S08 14.88	084 48.44	N16 04.74	137 50.15	N22 04.89	348 32.59	S19 55.53	152 05.41	10.52	N23 05.37	06.31	55.19
12	240 18.85	032 35.25	S12 07.23	038 12.09	S08 15.49	099 50.79	N16 04.72	152 52.79	N22 04.89	003 32.44	S19 56.08	166 34.93	10.45	N23 11.68	06.19	55.20
13	255 21.31	047 37.49	S12 06.72	053 13.05	S08 16.09	114 53.15	N16 04.70	167 55.44	N22 04.88	018 32.28	S19 56.63	181 04.38	10.38	N23 17.87	06.08	55.22
14	270 23.78	062 39.73	S12 06.21	068 14.01	S08 16.69	129 55.51	N16 04.67	182 58.08	N22 04.88	033 32.12	S19 57.18	195 33.75	10.31	N23 23.95	05.97	55.24
15	285 26.24	077 41.97	S12 05.71	083 14.97	S08 17.29	144 57.87	N16 04.65	198 00.72	N22 04.88	048 31.97	S19 57.73	210 03.06	10.24	N23 29.92	05.86	55.25
16	300 28.71	092 44.20	S12 05.20	098 15.94	S08 17.89	160 00.23	N16 04.63	213 03.37	N22 04.88	063 31.81	S19 58.27	224 32.30	10.17	N23 35.78	05.74	55.27
17	315 31.17	107 46.43	S12 04.70	113 16.90	S08 18.49	175 02.58	N16 04.60	228 06.01	N22 04.87	078 31.65	S19 58.82	239 01.47	10.10	N23 41.52	05.63	55.29
18	330 33.63	122 48.65	S12 04.20	128 17.86	S08 19.10	190 04.94	N16 04.58	243 08.66	N22 04.87	093 31.49	S19 59.37	253 30.58	10.04	N23 47.14	05.51	55.31
19	345 36.10	137 50.87	S12 03.71	143 18.82	S08 19.70	205 07.30	N16 04.56	258 11.30	N22 04.87	108 31.34	S19 59.91	267 59.62	09.97	N23 52.65	05.39	55.32
20	000 38.56	152 53.09	S12 03.21	158 19.78	S08 20.30	220 09.66	N16 04.54	273 13.95	N22 04.87	123 31.18	S20 00.46	282 28.59	09.91	N23 58.04	05.27	55.34
21	015 41.03	167 55.30	S12 02.72	173 20.75	S08 20.90	235 12.02	N16 04.51	288 16.59	N22 04.87	138 31.02	S20 01.00	296 57.50	09.84	N24 03.32	05.15	55.36
22	030 43.49	182 57.51	S12 02.22	188 21.71	S08 21.50	250 14.38	N16 04.49	303 19.24	N22 04.86	153 30.86	S20 01.55	311 26.34	09.78	N24 08.47	05.03	55.38
23	045 45.96	197 59.72	S12 01.74	203 22.67	S08 22.10	265 16.74	N16 04.47	318 21.88	N22 04.86	168 30.70	S20 02.09	325 55.12	09.71	N24 13.51	04.91	55.39
22 00	060 48.42	213 01.92	S12 01.25	218 23.63	S08 22.70	280 19.10	N16 04.45	333 24.53	N22 04.86	183 30.54	S20 02.63	340 23.83	09.65	N24 18.42	04.79	55.41
01	075 50.88	228 04.12	S12 00.76	233 24.59	S08 23.30	295 21.46	N16 04.42	348 27.17	N22 04.86	198 30.38	S20 03.17	354 52.48	09.59	N24 23.21	04.67	55.43
02	090 53.35	243 06.31	S12 00.28	248 25.55	S08 23.90	310 23.83	N16 04.40	003 29.82	N22 04.85	213 30.22	S20 03.72	009 21.07	09.53	N24 27.88	04.55	55.45
03	105 55.81	258 08.51	S11 59.80	263 26.51	S08 24.51	325 26.19	N16 04.38	018 32.46	N22 04.85	228 30.06	S20 04.26	023 49.60	09.47	N24 32.43	04.42	55.46
04	120 58.28	273 10.69	S11 59.32	278 27.48	S08 25.11	340 28.55	N16 04.36	033 35.11	N22 04.85	243 29.90	S20 04.80	038 18.07	09.41	N24 36.85	04.30	55.48
05	136 00.74	288 12.87	S11 58.84	293 28.44	S08 25.71	355 30.91	N16 04.34	048 37.76	N22 04.85	258 29.73	S20 05.34	052 46.48	09.35	N24 41.15	04.17	55.50
06	151 03.20	303 15.05	S11 58.37	308 29.40	S08 26.31	010 33.28	N16 04.31	063 40.40	N22 04.84	273 29.57	S20 05.88	067 14.83	09.29	N24 45.32	04.04	55.52
07	166 05.67	318 17.23	S11 57.89	323 30.36	S08 26.91	025 35.64	N16 04.29	078 43.05	N22 04.84	288 29.41	S20 06.41	081 43.13	09.24	N24 49.36	03.92	55.54
08	181 08.13	333 19.40	S11 57.42	338 31.32	S08 27.51	040 38.00	N16 04.27	093 45.69	N22 04.84	303 29.25	S20 06.95	096 11.36	09.18	N24 53.28	03.79	55.56
09	196 10.60	348 21.57	S11 56.95	353 32.28	S08 28.11	055 40.37	N16 04.25	108 48.34	N22 04.84	318 29.08	S20 07.49	110 39.54	09.13	N24 57.07	03.66	55.57
10	211 13.06	003 23.73	S11 56.49	008 33.24	S08 28.71	070 42.73	N16 04.23	123 50.99	N22 04.84	333 28.92	S20 08.02	125 07.67	09.07	N25 00.73	03.53	55.59
11	226 15.53	018 25.89	S11 56.02	023 34.20	S08 29.31	085 45.09	N16 04.21	138 53.63	N22 04.83	348 28.76	S20 08.56	139 35.74	09.02	N25 04.26	03.40	55.61
12	241 17.99	033 28.05	S11 55.56	038 35.16	S08 29.91	100 47.46	N16 04.19	153 56.28	N22 04.83	003 28.59	S20 09.10	154 03.76	08.97	N25 07.66	03.27	55.63
13	256 20.45	048 30.20	S11 55.10	053 36.12	S08 30.51	115 49.82	N16 04.16	168 58.93	N22 04.83	018 28.43	S20 09.63	168 31.72	08.92	N25 10.93	03.14	55.65
14	271 22.92	063 32.35	S11 54.64	068 37.08	S08 31.11	130 52.19	N16 04.14	184 01.57	N22 04.83	033 28.26	S20 10.16	182 59.64	08.87	N25 14.07	03.01	55.67
15	286 25.38	078 34.50	S11 54.19	083 38.04	S08 31.71	145 54.56	N16 04.12	199 04.22	N22 04.82	048 28.10	S20 10.70	197 27.50	08.82	N25 17.08	02.87	55.69
16	301 27.85	093 36.64	S11 53.73	098 39.00	S08 32.30	160 56.92	N16 04.10	214 06.87	N22 04.82	063 27.93	S20 11.23	211 55.32	08.77	N25 19.95	02.74	55.71
17	316 30.31	108 38.78	S11 53.28	113 39.96	S08 32.90	175 59.29	N16 04.08	229 09.52	N22 04.82	078 27.77	S20 11.76	226 23.09	08.72	N25 22.69	02.61	55.72
18	331 32.78	123 40.91	S11 52.83	128 40.92	S08 33.50	191 01.65	N16 04.06	244 12.16	N22 04.82	093 27.60	S20 12.29	240 50.81	08.68	N25 25.30	02.47	55.74
19	346 35.24	138 43.04	S11 52.38	143 41.88	S08 34.10	206 04.02	N16 04.04	259 14.81	N22 04.81	108 27.43	S20 12.82	255 18.48	08.63	N25 27.77	02.34	55.76
20	001 37.70	153 45.17	S11 51.93	158 42.84	S08 34.70	221 06.39	N16 04.02	274 17.46	N22 04.81	123 27.27	S20 13.35	269 46.12	08.59	N25 30.11	02.20	55.78
21	016 40.17	168 47.29	S11 51.49	173 43.80	S08 35.30	236 08.76	N16 04.00	289 20.11	N22 04.81	138 27.10	S20 13.88	284 13.70	08.55	N25 32.31	02.06	55.80
22	031 42.63	183 49.41	S11 51.05	188 44.76	S08 35.90	251 11.12	N16 03.98	304 22.76	N22 04.81	153 26.93	S20 14.41	298 41.25	08.50	N25 34.37	01.93	55.82
23	046 45.10	198 51.53	S11 50.61	203 45.72	S08 36.50	266 13.49	N16 03.96	319 25.40	N22 04.81	168 26.76	S20 14.94	313 08.75	08.46	N25 36.30	01.79	55.84
		v 2.20	d 0.49	v 0.96	d 0.60	v 2.36	d 0.02	v 2.65	d 0.00	v -0.16	d 0.54	SD	15.04	15.16		
		HP 0.45		HP 0.06						SD 16.19	HP 0.15					

Saturday November 23, 2002 through Sunday November 24, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
23 00	061 47.56	213 53.64	S11 50.17	218 46.68	S08 37.10	281 15.86	N16 03.94	334 28.05	N22 04.80	183 26.59	S20 15.47	327 36.22	08.43	N25 38.09	01.65	55.86
01	076 50.02	228 55.75	S11 49.73	233 47.64	S08 37.69	296 18.23	N16 03.92	349 30.70	N22 04.80	198 26.43	S20 15.99	342 03.64	08.39	N25 39.74	01.51	55.88
02	091 52.49	243 57.85	S11 49.30	248 48.60	S08 38.29	311 20.60	N16 03.90	004 33.35	N22 04.80	213 26.26	S20 16.52	356 31.03	08.35	N25 41.26	01.37	55.90
03	106 54.95	258 59.95	S11 48.87	263 49.55	S08 38.89	326 22.97	N16 03.88	019 36.00	N22 04.80	228 26.09	S20 17.05	010 58.38	08.32	N25 42.63	01.23	55.92
04	121 57.42	274 02.05	S11 48.44	278 50.51	S08 39.49	341 25.34	N16 03.86	034 38.65	N22 04.79	243 25.92	S20 17.57	025 25.70	08.28	N25 43.87	01.10	55.94
05	136 59.88	289 04.14	S11 48.01	293 51.47	S08 40.09	356 27.71	N16 03.84	049 41.30	N22 04.79	258 25.75	S20 18.09	039 52.98	08.25	N25 44.96	00.95	55.96
06	152 02.35	304 06.23	S11 47.58	308 52.43	S08 40.69	011 30.08	N16 03.82	064 43.94	N22 04.79	273 25.58	S20 18.62	054 20.23	08.22	N25 45.92	00.81	55.98
07	167 04.81	319 08.32	S11 47.16	323 53.39	S08 41.28	026 32.45	N16 03.80	079 46.59	N22 04.79	288 25.41	S20 19.14	068 47.45	08.19	N25 46.73	00.67	56.00
08	182 07.27	334 10.40	S11 46.74	338 54.35	S08 41.88	041 34.82	N16 03.78	094 49.24	N22 04.78	303 25.24	S20 19.66	083 14.64	08.16	N25 47.40	00.53	56.02
09	197 09.74	349 12.48	S11 46.32	353 55.31	S08 42.48	056 37.19	N16 03.76	109 51.89	N22 04.78	318 25.06	S20 20.18	097 41.80	08.13	N25 47.93	00.39	56.04
10	212 12.20	004 14.56	S11 45.90	008 56.26	S08 43.08	071 39.57	N16 03.75	124 54.54	N22 04.78	333 24.89	S20 20.71	112 08.93	08.11	N25 48.32	00.25	56.06
11	227 14.67	019 16.63	S11 45.49	023 57.22	S08 43.67	086 41.94	N16 03.73	139 57.19	N22 04.78	348 24.72	S20 21.23	126 36.04	08.08	N25 48.57	00.11	56.08
12	242 17.13	034 18.69	S11 45.07	038 58.18	S08 44.27	101 44.31	N16 03.71	154 59.84	N22 04.78	003 24.55	S20 21.74	141 03.12	08.06	N25 48.68	00.04	56.10
13	257 19.59	049 20.76	S11 44.66	053 59.14	S08 44.87	116 46.68	N16 03.69	170 02.49	N22 04.77	018 24.37	S20 22.26	155 30.18	08.04	N25 48.64	00.18	56.12
14	272 22.06	064 22.82	S11 44.25	069 00.10	S08 45.47	131 49.06	N16 03.67	185 05.14	N22 04.77	033 24.20	S20 22.78	169 57.21	08.02	N25 48.46	00.32	56.15
15	287 24.52	079 24.88	S11 43.84	084 01.05	S08 46.06	146 51.43	N16 03.65	200 07.79	N22 04.77	048 24.03	S20 23.30	184 24.23	08.00	N25 48.13	00.47	56.17
16	302 26.99	094 26.93	S11 43.44	099 02.01	S08 46.66	161 53.80	N16 03.63	215 10.44	N22 04.77	063 23.85	S20 23.82	198 51.22	07.98	N25 47.67	00.61	56.19
17	317 29.45	109 28.98	S11 43.04	114 02.97	S08 47.26	176 56.18	N16 03.62	230 13.09	N22 04.76	078 23.68	S20 24.33	213 18.20	07.96	N25 47.06	00.76	56.21
18	332 31.92	124 31.02	S11 42.63	129 03.93	S08 47.85	191 58.55	N16 03.60	245 15.74	N22 04.76	093 23.51	S20 24.85	227 45.16	07.95	N25 46.30	00.90	56.23
19	347 34.38	139 33.07	S11 42.24	144 04.88	S08 48.45	207 00.93	N16 03.58	260 18.39	N22 04.76	108 23.33	S20 25.36	242 12.11	07.93	N25 45.40	01.04	56.25
20	002 36.84	154 35.10	S11 41.84	159 05.84	S08 49.05	222 03.30	N16 03.56	275 21.04	N22 04.76	123 23.15	S20 25.88	256 39.04	07.92	N25 44.36	01.19	56.27
21	017 39.31	169 37.14	S11 41.44	174 06.80	S08 49.64	237 05.68	N16 03.54	290 23.69	N22 04.75	138 22.98	S20 26.39	271 05.96	07.91	N25 43.17	01.33	56.29
22	032 41.77	184 39.17	S11 41.05	189 07.76	S08 50.24	252 08.05	N16 03.53	305 26.35	N22 04.75	153 22.80	S20 26.91	285 32.86	07.90	N25 41.84	01.48	56.32
23	047 44.24	199 41.20	S11 40.66	204 08.71	S08 50.84	267 10.43	N16 03.51	320 29.00	N22 04.75	168 22.63	S20 27.42	299 59.76	07.89	N25 40.36	01.62	56.34
24 00	062 46.70	214 43.22	S11 40.27	219 09.67	S08 51.43	282 12.81	N16 03.49	335 31.65	N22 04.75	183 22.45	S20 27.93	314 26.65	07.88	N25 38.74	01.77	56.36
01	077 49.17	229 45.24	S11 39.88	234 10.63	S08 52.03	297 15.18	N16 03.47	350 34.30	N22 04.75	198 22.27	S20 28.44	328 53.53	07.87	N25 36.97	01.91	56.38
02	092 51.63	244 47.26	S11 39.50	249 11.58	S08 52.63	312 17.56	N16 03.46	005 36.95	N22 04.74	213 22.10	S20 28.95	343 20.40	07.87	N25 35.06	02.06	56.40
03	107 54.09	259 49.27	S11 39.11	264 12.54	S08 53.22	327 19.94	N16 03.44	020 39.60	N22 04.74	228 21.92	S20 29.46	357 47.27	07.87	N25 33.00	02.20	56.42
04	122 56.56	274 51.28	S11 38.73	279 13.50	S08 53.82	342 22.31	N16 03.42	035 42.25	N22 04.74	243 21.74	S20 29.97	012 14.13	07.86	N25 30.80	02.35	56.45
05	137 59.02	289 53.29	S11 38.36	294 14.45	S08 54.41	357 24.69	N16 03.41	050 44.91	N22 04.74	258 21.56	S20 30.48	026 41.00	07.86	N25 28.45	02.49	56.47
06	153 01.49	304 55.29	S11 37.98	309 15.41	S08 55.01	012 27.07	N16 03.39	065 47.56	N22 04.73	273 21.38	S20 30.99	041 07.86	07.86	N25 25.96	02.64	56.49
07	168 03.95	319 57.29	S11 37.60	324 16.37	S08 55.60	027 29.45	N16 03.37	080 50.21	N22 04.73	288 21.20	S20 31.49	055 34.72	07.86	N25 23.33	02.78	56.51
08	183 06.41	334 59.28	S11 37.23	339 17.32	S08 56.20	042 31.83	N16 03.35	095 52.86	N22 04.73	303 21.03	S20 32.00	070 01.58	07.87	N25 20.55	02.93	56.54
09	198 08.88	350 01.27	S11 36.86	354 18.28	S08 56.79	057 34.21	N16 03.34	110 55.51	N22 04.73	318 20.85	S20 32.51	084 28.45	07.87	N25 17.62	03.07	56.56
10	213 11.34	005 03.26	S11 36.49	009 19.23	S08 57.39	072 36.59	N16 03.32	125 58.17	N22 04.72	333 20.67	S20 33.01	098 55.32	07.88	N25 14.55	03.21	56.58
11	228 13.81	020 05.24	S11 36.12	024 20.19	S08 57.99	087 38.97	N16 03.31	141 00.82	N22 04.72	348 20.49	S20 33.52	113 22.20	07.88	N25 11.34	03.36	56.60
12	243 16.27	035 07.23	S11 35.76	039 21.15	S08 58.58	102 41.35	N16 03.29	156 03.47	N22 04.72	003 20.30	S20 34.02	127 49.08	07.89	N25 07.98	03.50	56.63
13	258 18.74	050 09.20	S11 35.40	054 22.10	S08 59.18	117 43.73	N16 03.27	171 06.13	N22 04.72	018 20.12	S20 34.52	142 15.97	07.90	N25 04.48	03.65	56.65
14	273 21.20	065 11.18	S11 35.04	069 23.06	S08 59.77	132 46.11	N16 03.26	186 08.78	N22 04.72	033 19.94	S20 35.03	156 42.87	07.91	N25 00.83	03.79	56.67
15	288 23.66	080 13.15	S11 34.68	084 24.01	S09 00.36	147 48.49	N16 03.24	201 11.43	N22 04.71	048 19.76	S20 35.53	171 09.78	07.92	N24 57.04	03.93	56.69
16	303 26.13	095 15.11	S11 34.32	099 24.97	S09 00.96	162 50.87	N16 03.22	216 14.08	N22 04.71	063 19.58	S20 36.03	185 36.70	07.93	N24 53.11	04.08	56.72
17	318 28.59	110 17.07	S11 33.97	114 25.92	S09 01.55	177 53.25	N16 03.21	231 16.74	N22 04.71	078 19.40	S20 36.53	200 03.63	07.95	N24 49.03	04.22	56.74
18	333 31.06	125 19.03	S11 33.61	129 26.88	S09 02.15	192 55.64	N16 03.19	246 19.39	N22 04.71	093 19.21	S20 37.03	214 30.58	07.96	N24 44.81	04.36	56.76
19	348 33.52	140 20.99	S11 33.26	144 27.83	S09 02.74	207 58.02	N16 03.18	261 22.04	N22 04.70	108 19.03	S20 37.53	228 57.54	07.98	N24 40.45	04.50	56.79
20	003 35.99	155 22.94	S11 32.91	159 28.79	S09 03.34	223 00.40	N16 03.16	276 24.70	N22 04.70	123 18.85	S20 38.03	243 24.51	07.99	N24 35.95	04.65	56.81
21	018 38.45	170 24.89	S11 32.57	174 29.74	S09 03.93	238 02.79	N16 03.15	291 27.35	N22 04.70	138 18.66	S20 38.53	257 51.51	08.01	N24 31.30	04.79	56.83
22	033 40.91	185 26.83	S11 32.22	189 30.70	S09 04.53	253 05.17	N16 03.13	306 30.01	N22 04.70	153 18.48	S20 39.02	272 18.52	08.03	N24 26.52	04.93	56.86
23	048 43.38	200 28.78	S11 31.88	204 31.65	S09 05.12	268 07.55	N16 03.12	321 32.66	N22 04.69	168 18.29	S20 39.52	286 45.55	08.05	N24 21.59	05.07	56.88
		v 2.02	d 0.39	v 0.96	d 0.60	v 2.38	d 0.02	v 2.65	d 0.00	v -0.18	d 0.51	SD	15.28	15.43		
		HP 0.43		HP 0.06						SD 16.20	HP 0.15					

Monday November 25, 2002 through Tuesday November 26, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
25 00	063 45.84	215 30.71	S11 31.54	219 32.61	S09 05.71	283 09.94	N16 03.10	336 35.31	N22 04.69	183 18.11	S20 40.02	301 12.60	08.07	N24 16.52	05.21	56.90
01	078 48.31	230 32.65	S11 31.20	234 33.56	S09 06.31	298 12.32	N16 03.09	351 37.97	N22 04.69	198 17.92	S20 40.51	315 39.67	08.09	N24 11.31	05.35	56.93
02	093 50.77	245 34.58	S11 30.86	249 34.52	S09 06.90	313 14.71	N16 03.07	006 40.62	N22 04.69	213 17.74	S20 41.01	330 06.76	08.12	N24 05.96	05.49	56.95
03	108 53.23	260 36.51	S11 30.53	264 35.47	S09 07.49	328 17.09	N16 03.06	021 43.28	N22 04.69	228 17.55	S20 41.50	344 33.88	08.14	N24 00.47	05.63	56.98
04	123 55.70	275 38.43	S11 30.20	279 36.42	S09 08.09	343 19.48	N16 03.04	036 45.93	N22 04.68	243 17.37	S20 41.99	359 01.02	08.16	N23 54.84	05.77	57.00
05	138 58.16	290 40.35	S11 29.87	294 37.38	S09 08.68	358 21.86	N16 03.03	051 48.59	N22 04.68	258 17.18	S20 42.49	013 28.18	08.19	N23 49.07	05.91	57.02
06	154 00.63	305 42.27	S11 29.54	309 38.33	S09 09.27	013 24.25	N16 03.01	066 51.24	N22 04.68	273 16.99	S20 42.98	027 55.37	08.22	N23 43.16	06.04	57.05
07	169 03.09	320 44.18	S11 29.21	324 39.29	S09 09.87	028 26.64	N16 03.00	081 53.89	N22 04.68	288 16.81	S20 43.47	042 22.59	08.24	N23 37.12	06.18	57.07
08	184 05.56	335 46.09	S11 28.89	339 40.24	S09 10.46	043 29.02	N16 02.99	096 56.55	N22 04.67	303 16.62	S20 43.96	056 49.84	08.27	N23 30.94	06.32	57.10
09	199 08.02	350 48.00	S11 28.56	354 41.19	S09 11.05	058 31.41	N16 02.97	111 59.20	N22 04.67	318 16.43	S20 44.45	071 17.11	08.30	N23 24.62	06.45	57.12
10	214 10.48	005 49.90	S11 28.24	009 42.15	S09 11.65	073 33.80	N16 02.96	127 01.86	N22 04.67	333 16.24	S20 44.94	085 44.41	08.33	N23 18.17	06.59	57.15
11	229 12.95	020 51.80	S11 27.93	024 43.10	S09 12.24	088 36.19	N16 02.94	142 04.52	N22 04.67	348 16.05	S20 45.43	100 11.74	08.36	N23 11.58	06.72	57.17
12	244 15.41	035 53.69	S11 27.61	039 44.05	S09 12.83	103 38.57	N16 02.93	157 07.17	N22 04.66	003 15.87	S20 45.92	114 39.10	08.39	N23 04.85	06.86	57.19
13	259 17.88	050 55.59	S11 27.29	054 45.01	S09 13.42	118 40.96	N16 02.92	172 09.83	N22 04.66	018 15.68	S20 46.40	129 06.50	08.43	N22 57.99	06.99	57.22
14	274 20.34	065 57.47	S11 26.98	069 45.96	S09 14.02	133 43.35	N16 02.90	187 12.48	N22 04.66	033 15.49	S20 46.89	143 33.92	08.46	N22 51.00	07.13	57.24
15	289 22.80	080 59.36	S11 26.67	084 46.91	S09 14.61	148 45.74	N16 02.89	202 15.14	N22 04.66	048 15.30	S20 47.38	158 01.38	08.49	N22 43.87	07.26	57.27
16	304 25.27	096 01.24	S11 26.36	099 47.87	S09 15.20	163 48.13	N16 02.88	217 17.79	N22 04.65	063 15.11	S20 47.86	172 28.87	08.52	N22 36.62	07.39	57.29
17	319 27.73	111 03.12	S11 26.05	114 48.82	S09 15.79	178 50.52	N16 02.86	232 20.45	N22 04.65	078 14.92	S20 48.35	186 56.40	08.56	N22 29.22	07.52	57.32
18	334 30.20	126 04.99	S11 25.75	129 49.77	S09 16.38	193 52.91	N16 02.85	247 23.11	N22 04.65	093 14.73	S20 48.83	201 23.96	08.59	N22 21.70	07.65	57.34
19	349 32.66	141 06.87	S11 25.45	144 50.72	S09 16.98	208 55.30	N16 02.84	262 25.76	N22 04.65	108 14.53	S20 49.31	215 51.55	08.63	N22 14.05	07.78	57.37
20	004 35.13	156 08.73	S11 25.15	159 51.68	S09 17.57	223 57.69	N16 02.82	277 28.42	N22 04.65	123 14.34	S20 49.80	230 19.18	08.67	N22 06.26	07.91	57.39
21	019 37.59	171 10.60	S11 24.85	174 52.63	S09 18.16	239 00.08	N16 02.81	292 31.07	N22 04.64	138 14.15	S20 50.28	244 46.85	08.70	N21 58.35	08.04	57.42
22	034 40.05	186 12.46	S11 24.55	189 53.58	S09 18.75	254 02.47	N16 02.80	307 33.73	N22 04.64	153 13.96	S20 50.76	259 14.55	08.74	N21 50.31	08.17	57.44
23	049 42.52	201 14.32	S11 24.26	204 54.53	S09 19.34	269 04.87	N16 02.78	322 36.39	N22 04.64	168 13.77	S20 51.24	273 42.29	08.78	N21 42.14	08.30	57.47
26 00	064 44.98	216 16.17	S11 23.96	219 55.49	S09 19.93	284 07.26	N16 02.77	337 39.04	N22 04.64	183 13.57	S20 51.72	288 10.07	08.82	N21 33.84	08.42	57.50
01	079 47.45	231 18.02	S11 23.67	234 56.44	S09 20.52	299 09.65	N16 02.76	352 41.70	N22 04.63	198 13.38	S20 52.20	302 37.88	08.85	N21 25.42	08.55	57.52
02	094 49.91	246 19.87	S11 23.38	249 57.39	S09 21.12	314 12.04	N16 02.75	007 44.36	N22 04.63	213 13.19	S20 52.68	317 05.73	08.89	N21 16.87	08.67	57.55
03	109 52.37	261 21.71	S11 23.10	264 58.34	S09 21.71	329 14.44	N16 02.74	022 47.02	N22 04.63	228 12.99	S20 53.16	331 33.63	08.93	N21 08.20	08.80	57.57
04	124 54.84	276 23.55	S11 22.81	279 59.29	S09 22.30	344 16.83	N16 02.72	037 49.67	N22 04.63	243 12.80	S20 53.63	346 01.56	08.97	N20 59.40	08.92	57.60
05	139 57.30	291 25.39	S11 22.53	295 00.25	S09 22.89	359 19.22	N16 02.71	052 52.33	N22 04.62	258 12.61	S20 54.11	000 29.53	09.01	N20 50.48	09.04	57.62
06	154 59.77	306 27.22	S11 22.25	310 01.20	S09 23.48	014 21.62	N16 02.70	067 54.99	N22 04.62	273 12.41	S20 54.58	014 57.54	09.05	N20 41.44	09.16	57.65
07	170 02.23	321 29.05	S11 21.97	325 02.15	S09 24.07	029 24.01	N16 02.69	082 57.65	N22 04.62	288 12.22	S20 55.06	029 25.59	09.09	N20 32.27	09.29	57.67
08	185 04.70	336 30.88	S11 21.69	340 03.10	S09 24.66	044 26.41	N16 02.68	098 00.30	N22 04.62	303 12.02	S20 55.53	043 53.68	09.13	N20 22.99	09.41	57.70
09	200 07.16	351 32.70	S11 21.42	355 04.05	S09 25.25	059 28.80	N16 02.66	113 02.96	N22 04.62	318 11.82	S20 56.01	058 21.81	09.17	N20 13.58	09.53	57.73
10	215 09.62	006 34.52	S11 21.14	010 05.00	S09 25.84	074 31.20	N16 02.65	128 05.62	N22 04.61	333 11.63	S20 56.48	072 49.98	09.21	N20 04.06	09.64	57.75
11	230 12.09	021 36.34	S11 20.87	025 05.95	S09 26.43	089 33.59	N16 02.64	143 08.28	N22 04.61	348 11.43	S20 56.95	087 18.19	09.25	N19 54.41	09.76	57.78
12	245 14.55	036 38.15	S11 20.60	040 06.90	S09 27.02	104 35.99	N16 02.63	158 10.93	N22 04.61	003 11.23	S20 57.43	101 46.44	09.29	N19 44.65	09.88	57.80
13	260 17.02	051 39.96	S11 20.33	055 07.86	S09 27.61	119 38.39	N16 02.62	173 13.59	N22 04.61	018 11.04	S20 57.90	116 14.73	09.33	N19 34.78	09.99	57.83
14	275 19.48	066 41.77	S11 20.07	070 08.81	S09 28.20	134 40.78	N16 02.61	188 16.25	N22 04.60	033 10.84	S20 58.37	130 43.06	09.37	N19 24.78	10.11	57.86
15	290 21.94	081 43.57	S11 19.80	085 09.76	S09 28.79	149 43.18	N16 02.60	203 18.91	N22 04.60	048 10.64	S20 58.84	145 11.43	09.41	N19 14.67	10.22	57.88
16	305 24.41	096 45.37	S11 19.54	100 10.71	S09 29.38	164 45.58	N16 02.59	218 21.57	N22 04.60	063 10.44	S20 59.31	159 39.85	09.45	N19 04.45	10.33	57.91
17	320 26.87	111 47.17	S11 19.28	115 11.66	S09 29.97	179 47.98	N16 02.57	233 24.23	N22 04.60	078 10.25	S20 59.78	174 08.30	09.50	N18 54.12	10.45	57.94
18	335 29.34	126 48.96	S11 19.03	130 12.61	S09 30.56	194 50.37	N16 02.56	248 26.89	N22 04.59	093 10.05	S21 00.24	188 36.80	09.54	N18 43.67	10.56	57.96
19	350 31.80	141 50.75	S11 18.77	145 13.56	S09 31.15	209 52.77	N16 02.55	263 29.54	N22 04.59	108 09.85	S21 00.71	203 05.33	09.58	N18 33.11	10.67	57.99
20	005 34.26	156 52.54	S11 18.52	160 14.51	S09 31.74	224 55.17	N16 02.54	278 32.20	N22 04.59	123 09.65	S21 01.18	217 33.91	09.62	N18 22.44	10.78	58.01
21	020 36.73	171 54.32	S11 18.26	175 15.46	S09 32.33	239 57.57	N16 02.53	293 34.86	N22 04.59	138 09.45	S21 01.64	232 02.53	09.66	N18 11.67	10.89	58.04
22	035 39.19	186 56.10	S11 18.01	190 16.41	S09 32.92	254 59.97	N16 02.52	308 37.52	N22 04.58	153 09.25	S21 02.11	246 31.18	09.70	N18 00.78	10.99	58.07
23	050 41.66	201 57.87	S11 17.77	205 17.36	S09 33.50	270 02.37	N16 02.51	323 40.18	N22 04.58	168 09.05	S21 02.57	260 59.88	09.74	N17 49.79	11.10	58.09
		v 1.85	d 0.29	v 0.95	d 0.59	v 2.39	d 0.01	v 2.66	d 0.00	v -0.19	d 0.48	SD	15.58	15.75		
		HP 0.42		HP 0.06						SD 16.20	HP 0.15					

Wednesday November 27, 2002 through Thursday November 28, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
27 00	065 44.12	216 59.65	S11 17.52	220 18.31	S09 34.09	285 04.77	N16 02.50	338 42.84	N22 04.58	183 08.85	S21 03.04	275 28.62	09.78	N17 38.69	11.20	58.12
01	080 46.59	232 01.42	S11 17.28	235 19.26	S09 34.68	300 07.17	N16 02.49	353 45.50	N22 04.58	198 08.65	S21 03.50	289 57.39	09.82	N17 27.48	11.31	58.15
02	095 49.05	247 03.18	S11 17.03	250 20.21	S09 35.27	315 09.57	N16 02.48	008 48.16	N22 04.57	213 08.45	S21 03.96	304 26.21	09.85	N17 16.18	11.41	58.17
03	110 51.51	262 04.94	S11 16.79	265 21.16	S09 35.86	330 11.97	N16 02.47	023 50.82	N22 04.57	228 08.24	S21 04.42	318 55.06	09.89	N17 04.76	11.51	58.20
04	125 53.98	277 06.70	S11 16.55	280 22.11	S09 36.45	345 14.37	N16 02.46	038 53.48	N22 04.57	243 08.04	S21 04.88	333 23.96	09.93	N16 53.25	11.62	58.23
05	140 56.44	292 08.46	S11 16.32	295 23.06	S09 37.04	000 16.78	N16 02.45	053 56.14	N22 04.57	258 07.84	S21 05.34	347 52.89	09.97	N16 41.63	11.72	58.25
06	155 58.91	307 10.21	S11 16.08	310 24.00	S09 37.62	015 19.18	N16 02.44	068 58.80	N22 04.57	273 07.64	S21 05.80	002 21.86	10.01	N16 29.91	11.82	58.28
07	171 01.37	322 11.96	S11 15.85	325 24.95	S09 38.21	030 21.58	N16 02.43	084 01.46	N22 04.56	288 07.43	S21 06.26	016 50.87	10.05	N16 18.10	11.91	58.31
08	186 03.83	337 13.71	S11 15.62	340 25.90	S09 38.80	045 23.98	N16 02.43	099 04.12	N22 04.56	303 07.23	S21 06.72	031 19.91	10.08	N16 06.18	12.01	58.33
09	201 06.30	352 15.45	S11 15.39	355 26.85	S09 39.39	060 26.39	N16 02.42	114 06.78	N22 04.56	318 07.03	S21 07.18	045 48.99	10.12	N15 54.17	12.11	58.36
10	216 08.76	007 17.19	S11 15.16	010 27.80	S09 39.97	075 28.79	N16 02.41	129 09.44	N22 04.56	333 06.82	S21 07.63	060 18.11	10.16	N15 42.07	12.20	58.39
11	231 11.23	022 18.93	S11 14.94	025 28.75	S09 40.56	090 31.19	N16 02.40	144 12.10	N22 04.55	348 06.62	S21 08.09	074 47.27	10.19	N15 29.86	12.30	58.41
12	246 13.69	037 20.66	S11 14.72	040 29.70	S09 41.15	105 33.60	N16 02.39	159 14.76	N22 04.55	003 06.41	S21 08.55	089 16.46	10.23	N15 17.57	12.39	58.44
13	261 16.16	052 22.39	S11 14.50	055 30.65	S09 41.74	120 36.00	N16 02.38	174 17.42	N22 04.55	018 06.21	S21 09.00	103 45.69	10.26	N15 05.18	12.48	58.47
14	276 18.62	067 24.11	S11 14.28	070 31.59	S09 42.32	135 38.41	N16 02.37	189 20.08	N22 04.55	033 06.00	S21 09.45	118 14.95	10.30	N14 52.69	12.57	58.49
15	291 21.08	082 25.84	S11 14.06	085 32.54	S09 42.91	150 40.81	N16 02.36	204 22.74	N22 04.54	048 05.80	S21 09.91	132 44.24	10.33	N14 40.12	12.66	58.52
16	306 23.55	097 27.56	S11 13.84	100 33.49	S09 43.50	165 43.22	N16 02.36	219 25.40	N22 04.54	063 05.59	S21 10.36	147 13.57	10.36	N14 27.46	12.75	58.55
17	321 26.01	112 29.27	S11 13.63	115 34.44	S09 44.09	180 45.62	N16 02.35	234 28.07	N22 04.54	078 05.39	S21 10.81	161 42.93	10.39	N14 14.71	12.84	58.57
18	336 28.48	127 30.99	S11 13.42	130 35.39	S09 44.67	195 48.03	N16 02.34	249 30.73	N22 04.54	093 05.18	S21 11.26	176 12.33	10.43	N14 01.87	12.93	58.60
19	351 30.94	142 32.70	S11 13.21	145 36.33	S09 45.26	210 50.44	N16 02.33	264 33.39	N22 04.53	108 04.97	S21 11.71	190 41.75	10.46	N13 48.94	13.01	58.63
20	006 33.40	157 34.40	S11 13.00	160 37.28	S09 45.85	225 52.84	N16 02.32	279 36.05	N22 04.53	123 04.77	S21 12.16	205 11.21	10.49	N13 35.93	13.09	58.65
21	021 35.87	172 36.11	S11 12.79	175 38.23	S09 46.43	240 55.25	N16 02.32	294 38.71	N22 04.53	138 04.56	S21 12.61	219 40.70	10.52	N13 22.84	13.18	58.68
22	036 38.33	187 37.81	S11 12.59	190 39.18	S09 47.02	255 57.66	N16 02.31	309 41.37	N22 04.53	153 04.35	S21 13.06	234 10.21	10.55	N13 09.66	13.26	58.70
23	051 40.80	202 39.50	S11 12.39	205 40.12	S09 47.60	271 00.06	N16 02.30	324 44.04	N22 04.52	168 04.14	S21 13.51	248 39.76	10.58	N12 56.40	13.34	58.73
28 00	066 43.26	217 41.20	S11 12.19	220 41.07	S09 48.19	286 02.47	N16 02.29	339 46.70	N22 04.52	183 03.93	S21 13.96	263 09.34	10.60	N12 43.06	13.42	58.76
01	081 45.72	232 42.89	S11 11.99	235 42.02	S09 48.78	301 04.88	N16 02.28	354 49.36	N22 04.52	198 03.73	S21 14.40	277 38.94	10.63	N12 29.64	13.50	58.78
02	096 48.19	247 44.58	S11 11.79	250 42.97	S09 49.36	316 07.29	N16 02.28	009 52.02	N22 04.52	213 03.52	S21 14.85	292 08.57	10.66	N12 16.14	13.58	58.81
03	111 50.65	262 46.26	S11 11.60	265 43.91	S09 49.95	331 09.70	N16 02.27	024 54.68	N22 04.52	228 03.31	S21 15.29	306 38.23	10.68	N12 02.57	13.65	58.84
04	126 53.12	277 47.94	S11 11.40	280 44.86	S09 50.53	346 12.11	N16 02.26	039 57.35	N22 04.51	243 03.10	S21 15.74	321 07.91	10.71	N11 48.91	13.73	58.86
05	141 55.58	292 49.62	S11 11.21	295 45.81	S09 51.12	001 14.52	N16 02.26	055 00.01	N22 04.51	258 02.89	S21 16.18	335 37.62	10.73	N11 35.19	13.80	58.89
06	156 58.04	307 51.29	S11 11.02	310 46.75	S09 51.70	016 16.93	N16 02.25	070 02.67	N22 04.51	273 02.68	S21 16.63	350 07.35	10.75	N11 21.38	13.87	58.91
07	172 00.51	322 52.96	S11 10.84	325 47.70	S09 52.29	031 19.34	N16 02.24	085 05.33	N22 04.51	288 02.47	S21 17.07	004 37.11	10.78	N11 07.51	13.95	58.94
08	187 02.97	337 54.63	S11 10.65	340 48.65	S09 52.88	046 21.75	N16 02.24	100 08.00	N22 04.50	303 02.26	S21 17.51	019 06.88	10.80	N10 53.56	14.02	58.97
09	202 05.44	352 56.30	S11 10.47	355 49.59	S09 53.46	061 24.16	N16 02.23	115 10.66	N22 04.50	318 02.04	S21 17.95	033 36.68	10.82	N10 39.55	14.08	58.99
10	217 07.90	007 57.96	S11 10.29	010 50.54	S09 54.05	076 26.57	N16 02.22	130 13.32	N22 04.50	333 01.83	S21 18.39	048 06.50	10.84	N10 25.46	14.15	59.02
11	232 10.37	022 59.62	S11 10.11	025 51.48	S09 54.63	091 28.98	N16 02.22	145 15.99	N22 04.50	348 01.62	S21 18.83	062 36.34	10.86	N10 11.31	14.22	59.04
12	247 12.83	038 01.27	S11 09.93	040 52.43	S09 55.21	106 31.40	N16 02.21	160 18.65	N22 04.49	003 01.41	S21 19.27	077 06.20	10.88	N09 57.09	14.28	59.07
13	262 15.29	053 02.92	S11 09.75	055 53.38	S09 55.80	121 33.81	N16 02.20	175 21.31	N22 04.49	018 01.20	S21 19.71	091 36.08	10.89	N09 42.81	14.35	59.10
14	277 17.76	068 04.57	S11 09.58	070 54.32	S09 56.38	136 36.22	N16 02.20	190 23.97	N22 04.49	033 00.98	S21 20.14	106 05.97	10.91	N09 28.46	14.41	59.12
15	292 20.22	083 06.22	S11 09.40	085 55.27	S09 56.97	151 38.63	N16 02.19	205 26.64	N22 04.49	048 00.77	S21 20.58	120 35.88	10.93	N09 14.05	14.47	59.15
16	307 22.69	098 07.86	S11 09.23	100 56.21	S09 57.55	166 41.05	N16 02.19	220 29.30	N22 04.48	063 00.56	S21 21.02	135 05.81	10.94	N08 59.57	14.53	59.17
17	322 25.15	113 09.50	S11 09.07	115 57.16	S09 58.14	181 43.46	N16 02.18	235 31.97	N22 04.48	078 00.34	S21 21.45	149 35.75	10.95	N08 45.04	14.59	59.20
18	337 27.61	128 11.13	S11 08.90	130 58.10	S09 58.72	196 45.88	N16 02.17	250 34.63	N22 04.48	093 00.13	S21 21.89	164 05.70	10.97	N08 30.45	14.65	59.22
19	352 30.08	143 12.77	S11 08.73	145 59.05	S09 59.30	211 48.29	N16 02.17	265 37.29	N22 04.48	107 59.91	S21 22.32	178 35.67	10.98	N08 15.80	14.71	59.25
20	007 32.54	158 14.40	S11 08.57	160 59.99	S09 59.89	226 50.71	N16 02.16	280 39.96	N22 04.47	122 59.70	S21 22.75	193 05.65	10.99	N08 01.09	14.76	59.27
21	022 35.01	173 16.02	S11 08.41	176 00.94	S10 00.47	241 53.12	N16 02.16	295 42.62	N22 04.47	137 59.48	S21 23.19	207 35.64	11.00	N07 46.33	14.82	59.30
22	037 37.47	188 17.65	S11 08.25	191 01.88	S10 01.06	256 55.54	N16 02.15	310 45.29	N22 04.47	152 59.27	S21 23.62	222 05.64	11.01	N07 31.51	14.87	59.32
23	052 39.93	203 19.27	S11 08.09	206 02.83	S10 01.64	271 57.95	N16 02.15	325 47.95	N22 04.47	167 59.05	S21 24.05	236 35.65	11.02	N07 16.64	14.92	59.35
		v 1.69	d 0.20	v 0.95	d 0.59	v 2.41	d 0.01	v 2.66	d 0.00	v -0.21	d 0.45	SD	15.92	16.09		
		HP 0.41		HP 0.06						SD 16.21	HP 0.15					

Friday November 29, 2002 through Saturday November 30, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
29 00	067 42.40	218 20.88	S11 07.94	221 03.77	S10 02.22	287 00.37	N16 02.14	340 50.61	N22 04.46	182 58.84	S21 24.48	251 05.66	11.02	N07 01.72	14.97	59.37
01	082 44.86	233 22.50	S11 07.78	236 04.72	S10 02.81	302 02.78	N16 02.14	355 53.28	N22 04.46	197 58.62	S21 24.91	265 35.68	11.03	N06 46.75	15.02	59.39
02	097 47.33	248 24.11	S11 07.63	251 05.66	S10 03.39	317 05.20	N16 02.13	010 55.94	N22 04.46	212 58.40	S21 25.34	280 05.71	11.03	N06 31.73	15.07	59.42
03	112 49.79	263 25.72	S11 07.48	266 06.61	S10 03.97	332 07.62	N16 02.13	025 58.61	N22 04.46	227 58.19	S21 25.77	294 35.74	11.04	N06 16.66	15.11	59.44
04	127 52.25	278 27.32	S11 07.33	281 07.55	S10 04.56	347 10.04	N16 02.12	041 01.27	N22 04.45	242 57.97	S21 26.19	309 05.78	11.04	N06 01.55	15.16	59.47
05	142 54.72	293 28.92	S11 07.18	296 08.50	S10 05.14	002 12.45	N16 02.12	056 03.94	N22 04.45	257 57.75	S21 26.62	323 35.82	11.04	N05 46.39	15.20	59.49
06	157 57.18	308 30.52	S11 07.04	311 09.44	S10 05.72	017 14.87	N16 02.11	071 06.60	N22 04.45	272 57.53	S21 27.05	338 05.86	11.04	N05 31.19	15.24	59.51
07	172 59.65	323 32.12	S11 06.89	326 10.38	S10 06.30	032 17.29	N16 02.11	086 09.27	N22 04.45	287 57.32	S21 27.47	352 35.90	11.04	N05 15.94	15.28	59.54
08	188 02.11	338 33.71	S11 06.75	341 11.33	S10 06.89	047 19.71	N16 02.11	101 11.93	N22 04.44	302 57.10	S21 27.90	007 05.94	11.04	N05 00.66	15.32	59.56
09	203 04.57	353 35.30	S11 06.61	356 12.27	S10 07.47	062 22.13	N16 02.10	116 14.60	N22 04.44	317 56.88	S21 28.32	021 35.98	11.04	N04 45.33	15.36	59.58
10	218 07.04	008 36.88	S11 06.48	011 13.22	S10 08.05	077 24.55	N16 02.10	131 17.26	N22 04.44	332 56.66	S21 28.75	036 06.01	11.03	N04 29.97	15.40	59.61
11	233 09.50	023 38.47	S11 06.34	026 14.16	S10 08.63	092 26.97	N16 02.09	146 19.93	N22 04.44	347 56.44	S21 29.17	050 36.04	11.03	N04 14.57	15.43	59.63
12	248 11.97	038 40.05	S11 06.21	041 15.10	S10 09.21	107 29.39	N16 02.09	161 22.59	N22 04.43	002 56.22	S21 29.59	065 06.07	11.02	N03 59.14	15.47	59.65
13	263 14.43	053 41.62	S11 06.07	056 16.05	S10 09.80	122 31.81	N16 02.09	176 25.26	N22 04.43	017 56.00	S21 30.01	079 36.09	11.01	N03 43.67	15.50	59.67
14	278 16.90	068 43.20	S11 05.94	071 16.99	S10 10.38	137 34.23	N16 02.08	191 27.92	N22 04.43	032 55.78	S21 30.43	094 06.10	11.01	N03 28.17	15.53	59.70
15	293 19.36	083 44.77	S11 05.81	086 17.93	S10 10.96	152 36.65	N16 02.08	206 30.59	N22 04.43	047 55.56	S21 30.85	108 36.11	11.00	N03 12.64	15.56	59.72
16	308 21.82	098 46.34	S11 05.69	101 18.88	S10 11.54	167 39.07	N16 02.08	221 33.26	N22 04.42	062 55.34	S21 31.27	123 06.10	10.99	N02 57.08	15.59	59.74
17	323 24.29	113 47.90	S11 05.56	116 19.82	S10 12.12	182 41.49	N16 02.07	236 35.92	N22 04.42	077 55.12	S21 31.69	137 36.09	10.97	N02 41.49	15.62	59.76
18	338 26.75	128 49.46	S11 05.44	131 20.76	S10 12.70	197 43.92	N16 02.07	251 38.59	N22 04.42	092 54.90	S21 32.11	152 06.06	10.96	N02 25.88	15.64	59.78
19	353 29.22	143 51.02	S11 05.32	146 21.70	S10 13.29	212 46.34	N16 02.07	266 41.25	N22 04.42	107 54.67	S21 32.52	166 36.02	10.95	N02 10.24	15.66	59.80
20	008 31.68	158 52.57	S11 05.20	161 22.65	S10 13.87	227 48.76	N16 02.06	281 43.92	N22 04.41	122 54.45	S21 32.94	181 05.97	10.93	N01 54.57	15.69	59.82
21	023 34.14	173 54.13	S11 05.08	176 23.59	S10 14.45	242 51.18	N16 02.06	296 46.59	N22 04.41	137 54.23	S21 33.36	195 35.90	10.92	N01 38.89	15.71	59.84
22	038 36.61	188 55.68	S11 04.96	191 24.53	S10 15.03	257 53.61	N16 02.06	311 49.25	N22 04.41	152 54.01	S21 33.77	210 05.82	10.90	N01 23.18	15.73	59.87
23	053 39.07	203 57.22	S11 04.85	206 25.47	S10 15.61	272 56.03	N16 02.06	326 51.92	N22 04.41	167 53.78	S21 34.19	224 35.72	10.88	N01 07.45	15.74	59.89
30 00	068 41.54	218 58.77	S11 04.74	221 26.42	S10 16.19	287 58.46	N16 02.05	341 54.59	N22 04.41	182 53.56	S21 34.60	239 05.60	10.86	N00 51.71	15.76	59.91
01	083 44.00	234 00.31	S11 04.62	236 27.36	S10 16.77	303 00.88	N16 02.05	356 57.25	N22 04.40	197 53.34	S21 35.01	253 35.46	10.84	N00 35.95	15.78	59.93
02	098 46.46	249 01.84	S11 04.52	251 28.30	S10 17.35	318 03.31	N16 02.05	011 59.92	N22 04.40	212 53.11	S21 35.42	268 05.30	10.82	N00 20.17	15.79	59.94
03	113 48.93	264 03.38	S11 04.41	266 29.24	S10 17.93	333 05.73	N16 02.05	027 02.59	N22 04.40	227 52.89	S21 35.83	282 35.12	10.80	N00 04.39	15.80	59.96
04	128 51.39	279 04.91	S11 04.30	281 30.18	S10 18.51	348 08.16	N16 02.04	042 05.25	N22 04.40	242 52.66	S21 36.25	297 04.91	10.77	S00 11.41	15.81	59.98
05	143 53.86	294 06.44	S11 04.20	296 31.13	S10 19.09	003 10.58	N16 02.04	057 07.92	N22 04.39	257 52.44	S21 36.66	311 34.69	10.75	S00 27.22	15.82	60.00
06	158 56.32	309 07.96	S11 04.10	311 32.07	S10 19.67	018 13.01	N16 02.04	072 10.59	N22 04.39	272 52.21	S21 37.06	326 04.43	10.72	S00 43.04	15.83	60.02
07	173 58.78	324 09.48	S11 04.00	326 33.01	S10 20.25	033 15.44	N16 02.04	087 13.26	N22 04.39	287 51.99	S21 37.47	340 34.15	10.69	S00 58.87	15.83	60.04
08	189 01.25	339 11.00	S11 03.90	341 33.95	S10 20.83	048 17.86	N16 02.04	102 15.92	N22 04.39	302 51.76	S21 37.88	355 03.84	10.66	S01 14.70	15.83	60.06
09	204 03.71	354 12.52	S11 03.80	356 34.89	S10 21.41	063 20.29	N16 02.04	117 18.59	N22 04.38	317 51.54	S21 38.29	009 33.51	10.63	S01 30.53	15.84	60.07
10	219 06.18	009 14.03	S11 03.71	011 35.83	S10 21.99	078 22.72	N16 02.03	132 21.26	N22 04.38	332 51.31	S21 38.69	024 03.14	10.60	S01 46.37	15.84	60.09
11	234 08.64	024 15.54	S11 03.61	026 36.77	S10 22.57	093 25.14	N16 02.03	147 23.93	N22 04.38	347 51.08	S21 39.10	038 32.75	10.57	S02 02.21	15.84	60.11
12	249 11.10	039 17.05	S11 03.52	041 37.72	S10 23.15	108 27.57	N16 02.03	162 26.59	N22 04.37	002 50.86	S21 39.50	053 02.32	10.54	S02 18.05	15.83	60.13
13	264 13.57	054 18.55	S11 03.43	056 38.66	S10 23.73	123 30.00	N16 02.03	177 29.26	N22 04.37	017 50.63	S21 39.91	067 31.86	10.50	S02 33.88	15.83	60.14
14	279 16.03	069 20.05	S11 03.34	071 39.60	S10 24.30	138 32.43	N16 02.03	192 31.93	N22 04.37	032 50.40	S21 40.31	082 01.36	10.47	S02 49.71	15.82	60.16
15	294 18.50	084 21.55	S11 03.26	086 40.54	S10 24.88	153 34.86	N16 02.03	207 34.60	N22 04.37	047 50.17	S21 40.71	096 30.83	10.43	S03 05.53	15.82	60.17
16	309 20.96	099 23.05	S11 03.17	101 41.48	S10 25.46	168 37.29	N16 02.03	222 37.27	N22 04.36	062 49.95	S21 41.12	111 00.26	10.40	S03 21.35	15.81	60.19
17	324 23.43	114 24.54	S11 03.09	116 42.42	S10 26.04	183 39.72	N16 02.03	237 39.93	N22 04.36	077 49.72	S21 41.52	125 29.66	10.36	S03 37.16	15.80	60.21
18	339 25.89	129 26.03	S11 03.01	131 43.36	S10 26.62	198 42.15	N16 02.03	252 42.60	N22 04.36	092 49.49	S21 41.92	139 59.01	10.32	S03 52.96	15.78	60.22
19	354 28.35	144 27.51	S11 02.93	146 44.30	S10 27.20	213 44.58	N16 02.03	267 45.27	N22 04.36	107 49.26	S21 42.32	154 28.33	10.28	S04 08.74	15.77	60.24
20	009 30.82	159 29.00	S11 02.85	161 45.24	S10 27.78	228 47.01	N16 02.03	282 47.94	N22 04.35	122 49.03	S21 42.72	168 57.61	10.23	S04 24.51	15.75	60.25
21	024 33.28	174 30.48	S11 02.77	176 46.18	S10 28.35	243 49.44	N16 02.02	297 50.61	N22 04.35	137 48.80	S21 43.12	183 26.84	10.19	S04 40.26	15.74	60.26
22	039 35.75	189 31.96	S11 02.70	191 47.12	S10 28.93	258 51.87	N16 02.02	312 53.28	N22 04.35	152 48.57	S21 43.51	197 56.03	10.15	S04 56.00	15.72	60.28
23	054 38.21	204 33.43	S11 02.63	206 48.06	S10 29.51	273 54.31	N16 02.02	327 55.94	N22 04.35	167 48.34	S21 43.91	212 25.18	10.10	S05 11.72	15.70	60.29
		v 1.54	d 0.11	v 0.94	d 0.58	v 2.42	d 0.00	v 2.67	d 0.00	v -0.22	d 0.41	SD	16.25	16.38		
		HP 0.39		HP 0.06						SD 16.22	HP 0.15					

Sunday December 01, 2002 through Monday December 02, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
01 00	069 40.67	219 34.90	S11 02.56	221 49.00	S10 30.09	288 56.74	N16 02.02	342 58.61	N22 04.34	182 48.11	S21 44.31	226 54.28	10.06	S05 27.41	15.67	60.30
01	084 43.14	234 36.37	S11 02.49	236 49.94	S10 30.67	303 59.17	N16 02.02	358 01.28	N22 04.34	197 47.88	S21 44.70	241 23.34	10.01	S05 43.09	15.65	60.32
02	099 45.60	249 37.84	S11 02.42	251 50.88	S10 31.24	319 01.60	N16 02.03	013 03.95	N22 04.34	212 47.65	S21 45.10	255 52.35	09.96	S05 58.74	15.62	60.33
03	114 48.07	264 39.30	S11 02.35	266 51.82	S10 31.82	334 04.04	N16 02.03	028 06.62	N22 04.34	227 47.42	S21 45.49	270 21.31	09.91	S06 14.36	15.60	60.34
04	129 50.53	279 40.76	S11 02.29	281 52.76	S10 32.40	349 06.47	N16 02.03	043 09.29	N22 04.33	242 47.19	S21 45.89	284 50.22	09.86	S06 29.95	15.57	60.35
05	144 52.99	294 42.22	S11 02.23	296 53.70	S10 32.97	004 08.91	N16 02.03	058 11.96	N22 04.33	257 46.95	S21 46.28	299 19.08	09.81	S06 45.52	15.53	60.36
06	159 55.46	309 43.67	S11 02.17	311 54.63	S10 33.55	019 11.34	N16 02.03	073 14.63	N22 04.33	272 46.72	S21 46.67	313 47.89	09.76	S07 01.05	15.50	60.38
07	174 57.92	324 45.12	S11 02.11	326 55.57	S10 34.13	034 13.77	N16 02.03	088 17.30	N22 04.33	287 46.49	S21 47.06	328 16.65	09.70	S07 16.56	15.47	60.39
08	190 00.39	339 46.57	S11 02.05	341 56.51	S10 34.70	049 16.21	N16 02.03	103 19.97	N22 04.32	302 46.26	S21 47.45	342 45.35	09.65	S07 32.02	15.43	60.40
09	205 02.85	354 48.01	S11 01.99	356 57.45	S10 35.28	064 18.65	N16 02.03	118 22.64	N22 04.32	317 46.02	S21 47.84	357 14.01	09.60	S07 47.45	15.39	60.41
10	220 05.31	009 49.46	S11 01.94	011 58.39	S10 35.86	079 21.08	N16 02.03	133 25.31	N22 04.32	332 45.79	S21 48.23	011 42.60	09.54	S08 02.84	15.35	60.42
11	235 07.78	024 50.90	S11 01.89	026 59.33	S10 36.43	094 23.52	N16 02.03	148 27.98	N22 04.32	347 45.56	S21 48.62	026 11.14	09.48	S08 18.19	15.31	60.42
12	250 10.24	039 52.33	S11 01.84	042 00.27	S10 37.01	109 25.95	N16 02.03	163 30.65	N22 04.31	002 45.32	S21 49.01	040 39.62	09.43	S08 33.50	15.26	60.43
13	265 12.71	054 53.77	S11 01.79	057 01.20	S10 37.59	124 28.39	N16 02.03	178 33.32	N22 04.31	017 45.09	S21 49.39	055 08.05	09.37	S08 48.76	15.22	60.44
14	280 15.17	069 55.20	S11 01.74	072 02.14	S10 38.16	139 30.83	N16 02.04	193 35.99	N22 04.31	032 44.85	S21 49.78	069 36.42	09.31	S09 03.98	15.17	60.45
15	295 17.64	084 56.63	S11 01.70	087 03.08	S10 38.74	154 33.26	N16 02.04	208 38.66	N22 04.31	047 44.62	S21 50.17	084 04.72	09.25	S09 19.15	15.12	60.46
16	310 20.10	099 58.05	S11 01.65	102 04.02	S10 39.31	169 35.70	N16 02.04	223 41.33	N22 04.30	062 44.38	S21 50.55	098 32.97	09.19	S09 34.27	15.07	60.46
17	325 22.56	114 59.47	S11 01.61	117 04.96	S10 39.89	184 38.14	N16 02.04	238 44.00	N22 04.30	077 44.15	S21 50.93	113 01.15	09.12	S09 49.34	15.02	60.47
18	340 25.03	130 00.89	S11 01.57	132 05.89	S10 40.47	199 40.58	N16 02.04	253 46.67	N22 04.30	092 43.91	S21 51.32	127 29.28	09.06	S10 04.36	14.96	60.48
19	355 27.49	145 02.31	S11 01.53	147 06.83	S10 41.04	214 43.02	N16 02.04	268 49.34	N22 04.30	107 43.68	S21 51.70	141 57.34	09.00	S10 19.32	14.90	60.48
20	010 29.96	160 03.72	S11 01.49	162 07.77	S10 41.62	229 45.46	N16 02.05	283 52.01	N22 04.29	122 43.44	S21 52.08	156 25.33	08.93	S10 34.22	14.85	60.49
21	025 32.42	175 05.14	S11 01.46	177 08.71	S10 42.19	244 47.90	N16 02.05	298 54.68	N22 04.29	137 43.20	S21 52.46	170 53.27	08.87	S10 49.07	14.79	60.49
22	040 34.88	190 06.54	S11 01.43	192 09.64	S10 42.77	259 50.34	N16 02.05	313 57.35	N22 04.29	152 42.97	S21 52.84	185 21.13	08.80	S11 03.85	14.72	60.50
23	055 37.35	205 07.95	S11 01.39	207 10.58	S10 43.34	274 52.78	N16 02.05	329 00.02	N22 04.29	167 42.73	S21 53.22	199 48.93	08.73	S11 18.58	14.66	60.50
02 00	070 39.81	220 09.35	S11 01.36	222 11.52	S10 43.92	289 55.22	N16 02.06	344 02.69	N22 04.28	182 42.49	S21 53.60	214 16.67	08.67	S11 33.24	14.59	60.51
01	085 42.28	235 10.75	S11 01.33	237 12.46	S10 44.49	304 57.66	N16 02.06	359 05.36	N22 04.28	197 42.25	S21 53.98	228 44.34	08.60	S11 47.83	14.52	60.51
02	100 44.74	250 12.15	S11 01.31	252 13.39	S10 45.07	320 00.10	N16 02.06	014 08.03	N22 04.28	212 42.02	S21 54.36	243 11.94	08.53	S12 02.35	14.45	60.51
03	115 47.20	265 13.54	S11 01.28	267 14.33	S10 45.64	335 02.54	N16 02.06	029 10.70	N22 04.28	227 41.78	S21 54.73	257 39.47	08.46	S12 16.81	14.38	60.52
04	130 49.67	280 14.93	S11 01.26	282 15.27	S10 46.21	350 04.98	N16 02.07	044 13.38	N22 04.27	242 41.54	S21 55.11	272 06.93	08.39	S12 31.19	14.31	60.52
05	145 52.13	295 16.32	S11 01.23	297 16.20	S10 46.79	005 07.42	N16 02.07	059 16.05	N22 04.27	257 41.30	S21 55.49	286 34.32	08.32	S12 45.50	14.23	60.52
06	160 54.60	310 17.71	S11 01.21	312 17.14	S10 47.36	020 09.87	N16 02.07	074 18.72	N22 04.27	272 41.06	S21 55.86	301 01.64	08.25	S12 59.73	14.16	60.52
07	175 57.06	325 19.09	S11 01.20	327 18.08	S10 47.94	035 12.31	N16 02.08	089 21.39	N22 04.27	287 40.82	S21 56.23	315 28.90	08.18	S13 13.89	14.08	60.52
08	190 59.53	340 20.47	S11 01.18	342 19.01	S10 48.51	050 14.75	N16 02.08	104 24.06	N22 04.26	302 40.58	S21 56.61	329 56.08	08.11	S13 27.97	14.00	60.52
09	206 01.99	355 21.85	S11 01.16	357 19.95	S10 49.08	065 17.20	N16 02.08	119 26.73	N22 04.26	317 40.34	S21 56.98	344 23.19	08.04	S13 41.96	13.91	60.52
10	221 04.45	010 23.22	S11 01.15	012 20.88	S10 49.66	080 19.64	N16 02.09	134 29.40	N22 04.26	332 40.10	S21 57.35	358 50.22	07.96	S13 55.88	13.83	60.52
11	236 06.92	025 24.59	S11 01.14	027 21.82	S10 50.23	095 22.08	N16 02.09	149 32.08	N22 04.25	347 39.86	S21 57.72	013 17.19	07.89	S14 09.70	13.74	60.52
12	251 09.38	040 25.96	S11 01.12	042 22.76	S10 50.80	110 24.53	N16 02.10	164 34.75	N22 04.25	002 39.62	S21 58.09	027 44.08	07.82	S14 23.44	13.65	60.52
13	266 11.85	055 27.33	S11 01.12	057 23.69	S10 51.38	125 26.97	N16 02.10	179 37.42	N22 04.25	017 39.38	S21 58.46	042 10.90	07.74	S14 37.10	13.56	60.52
14	281 14.31	070 28.69	S11 01.11	072 24.63	S10 51.95	140 29.42	N16 02.10	194 40.09	N22 04.25	032 39.14	S21 58.83	056 37.64	07.67	S14 50.66	13.47	60.51
15	296 16.77	085 30.05	S11 01.10	087 25.56	S10 52.52	155 31.86	N16 02.11	209 42.76	N22 04.24	047 38.90	S21 59.20	071 04.31	07.60	S15 04.13	13.38	60.51
16	311 19.24	100 31.41	S11 01.10	102 26.50	S10 53.10	170 34.31	N16 02.11	224 45.44	N22 04.24	062 38.66	S21 59.57	085 30.91	07.52	S15 17.50	13.28	60.51
17	326 21.70	115 32.77	S11 01.09	117 27.43	S10 53.67	185 36.76	N16 02.12	239 48.11	N22 04.24	077 38.41	S21 59.93	099 57.43	07.45	S15 30.78	13.18	60.51
18	341 24.17	130 34.12	S11 01.09	132 28.37	S10 54.24	200 39.20	N16 02.12	254 50.78	N22 04.24	092 38.17	S22 00.30	114 23.88	07.37	S15 43.96	13.08	60.50
19	356 26.63	145 35.47	S11 01.09	147 29.30	S10 54.81	215 41.65	N16 02.12	269 53.45	N22 04.23	107 37.93	S22 00.66	128 50.25	07.30	S15 57.04	12.98	60.50
20	011 29.10	160 36.82	S11 01.10	162 30.24	S10 55.39	230 44.10	N16 02.13	284 56.13	N22 04.23	122 37.69	S22 01.03	143 16.55	07.22	S16 10.02	12.88	60.49
21	026 31.56	175 38.16	S11 01.10	177 31.17	S10 55.96	245 46.55	N16 02.13	299 58.80	N22 04.23	137 37.44	S22 01.39	157 42.78	07.15	S16 22.90	12.77	60.49
22	041 34.02	190 39.50	S11 01.10	192 32.11	S10 56.53	260 48.99	N16 02.14	315 01.47	N22 04.23	152 37.20	S22 01.75	172 08.92	07.07	S16 35.67	12.66	60.48
23	056 36.49	205 40.84	S11 01.11	207 33.04	S10 57.10	275 51.44	N16 02.14	330 04.14	N22 04.22	167 36.96	S22 02.12	186 35.00	07.00	S16 48.34	12.55	60.47
		v 1.40	d 0.03	v 0.94	d 0.57	v 2.44	d 0.00	v 2.67	d 0.00	v -0.24	d 0.38	SD	16.47	16.49		
		HP 0.38		HP 0.06						SD 16.22	HP 0.15					

Tuesday December 03, 2002 through Wednesday December 04, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
03 00	071 38.95	220 42.18	S11 01.12	222 33.98	S10 57.67	290 53.89	N16 02.15	345 06.82	N22 04.22	182 36.71	S22 02.48	201 01.00	06.93	S17 00.89	12.44	60.47
01	086 41.42	235 43.51	S11 01.13	237 34.91	S10 58.25	305 56.34	N16 02.15	000 09.49	N22 04.22	197 36.47	S22 02.84	215 26.92	06.85	S17 13.33	12.33	60.46
02	101 43.88	250 44.84	S11 01.14	252 35.85	S10 58.82	320 58.79	N16 02.16	015 12.16	N22 04.22	212 36.22	S22 03.20	229 52.78	06.78	S17 25.67	12.22	60.45
03	116 46.34	265 46.17	S11 01.15	267 36.78	S10 59.39	336 01.24	N16 02.17	030 14.84	N22 04.21	227 35.98	S22 03.56	244 18.55	06.70	S17 37.88	12.10	60.44
04	131 48.81	280 47.49	S11 01.17	282 37.71	S10 59.96	351 03.69	N16 02.17	045 17.51	N22 04.21	242 35.73	S22 03.91	258 44.25	06.63	S17 49.98	11.98	60.44
05	146 51.27	295 48.81	S11 01.19	297 38.65	S11 00.53	006 06.14	N16 02.18	060 20.18	N22 04.21	257 35.49	S22 04.27	273 09.88	06.55	S18 01.97	11.86	60.43
06	161 53.74	310 50.13	S11 01.20	312 39.58	S11 01.10	021 08.59	N16 02.18	075 22.85	N22 04.21	272 35.24	S22 04.63	287 35.44	06.48	S18 13.83	11.74	60.42
07	176 56.20	325 51.45	S11 01.22	327 40.52	S11 01.67	036 11.04	N16 02.19	090 25.53	N22 04.20	287 35.00	S22 04.99	302 00.92	06.41	S18 25.57	11.62	60.41
08	191 58.67	340 52.77	S11 01.24	342 41.45	S11 02.24	051 13.49	N16 02.19	105 28.20	N22 04.20	302 34.75	S22 05.34	316 26.33	06.34	S18 37.19	11.49	60.40
09	207 01.13	355 54.08	S11 01.27	357 42.38	S11 02.81	066 15.94	N16 02.20	120 30.87	N22 04.20	317 34.50	S22 05.70	330 51.67	06.26	S18 48.69	11.37	60.39
10	222 03.59	010 55.39	S11 01.29	012 43.32	S11 03.38	081 18.40	N16 02.21	135 33.55	N22 04.19	332 34.26	S22 06.05	345 16.93	06.19	S19 00.06	11.24	60.37
11	237 06.06	025 56.69	S11 01.32	027 44.25	S11 03.95	096 20.85	N16 02.21	150 36.22	N22 04.19	347 34.01	S22 06.40	359 42.12	06.12	S19 11.30	11.11	60.36
12	252 08.52	040 58.00	S11 01.34	042 45.18	S11 04.52	111 23.30	N16 02.22	165 38.90	N22 04.19	002 33.76	S22 06.76	014 07.24	06.05	S19 22.41	10.98	60.35
13	267 10.99	055 59.30	S11 01.37	057 46.12	S11 05.09	126 25.75	N16 02.22	180 41.57	N22 04.19	017 33.51	S22 07.11	028 32.30	05.98	S19 33.39	10.85	60.34
14	282 13.45	071 00.60	S11 01.40	072 47.05	S11 05.66	141 28.21	N16 02.23	195 44.24	N22 04.18	032 33.27	S22 07.46	042 57.28	05.91	S19 44.23	10.71	60.32
15	297 15.91	086 01.89	S11 01.44	087 47.98	S11 06.23	156 30.66	N16 02.24	210 46.92	N22 04.18	047 33.02	S22 07.81	057 22.19	05.84	S19 54.95	10.58	60.31
16	312 18.38	101 03.18	S11 01.47	102 48.91	S11 06.80	171 33.11	N16 02.24	225 49.59	N22 04.18	062 32.77	S22 08.16	071 47.03	05.78	S20 05.52	10.44	60.30
17	327 20.84	116 04.47	S11 01.50	117 49.85	S11 07.37	186 35.57	N16 02.25	240 52.27	N22 04.18	077 32.52	S22 08.51	086 11.81	05.71	S20 15.96	10.30	60.28
18	342 23.31	131 05.76	S11 01.54	132 50.78	S11 07.94	201 38.02	N16 02.26	255 54.94	N22 04.17	092 32.27	S22 08.85	100 36.52	05.64	S20 26.26	10.16	60.27
19	357 25.77	146 07.05	S11 01.58	147 51.71	S11 08.51	216 40.48	N16 02.27	270 57.61	N22 04.17	107 32.02	S22 09.20	115 01.17	05.58	S20 36.42	10.02	60.25
20	012 28.24	161 08.33	S11 01.62	162 52.64	S11 09.08	231 42.93	N16 02.27	286 00.29	N22 04.17	122 31.78	S22 09.55	129 25.74	05.52	S20 46.43	09.87	60.24
21	027 30.70	176 09.61	S11 01.66	177 53.58	S11 09.65	246 45.39	N16 02.28	301 02.96	N22 04.17	137 31.53	S22 09.89	143 50.26	05.45	S20 56.30	09.73	60.22
22	042 33.16	191 10.89	S11 01.70	192 54.51	S11 10.22	261 47.85	N16 02.29	316 05.64	N22 04.16	152 31.28	S22 10.24	158 14.71	05.39	S21 06.03	09.58	60.20
23	057 35.63	206 12.16	S11 01.75	207 55.44	S11 10.79	276 50.30	N16 02.30	331 08.31	N22 04.16	167 31.03	S22 10.58	172 39.10	05.33	S21 15.61	09.43	60.19
04 00	072 38.09	221 13.43	S11 01.79	222 56.37	S11 11.36	291 52.76	N16 02.30	346 10.99	N22 04.16	182 30.78	S22 10.93	187 03.43	05.27	S21 25.04	09.28	60.17
01	087 40.56	236 14.70	S11 01.84	237 57.30	S11 11.93	306 55.22	N16 02.31	001 13.66	N22 04.16	197 30.53	S22 11.27	201 27.70	05.21	S21 34.33	09.13	60.15
02	102 43.02	251 15.97	S11 01.89	252 58.24	S11 12.49	321 57.67	N16 02.32	016 16.34	N22 04.15	212 30.27	S22 11.61	215 51.91	05.15	S21 43.46	08.98	60.13
03	117 45.49	266 17.23	S11 01.94	267 59.17	S11 13.06	337 00.13	N16 02.33	031 19.01	N22 04.15	227 30.02	S22 11.95	230 16.06	05.10	S21 52.44	08.83	60.11
04	132 47.95	281 18.49	S11 01.99	283 00.10	S11 13.63	352 02.59	N16 02.33	046 21.69	N22 04.15	242 29.77	S22 12.29	244 40.16	05.04	S22 01.26	08.67	60.09
05	147 50.41	296 19.75	S11 02.04	298 01.03	S11 14.20	007 05.05	N16 02.34	061 24.36	N22 04.14	257 29.52	S22 12.63	259 04.20	04.99	S22 09.94	08.52	60.08
06	162 52.88	311 21.01	S11 02.10	313 01.96	S11 14.77	022 07.51	N16 02.35	076 27.04	N22 04.14	272 29.27	S22 12.97	273 28.19	04.94	S22 18.45	08.36	60.06
07	177 55.34	326 22.26	S11 02.16	328 02.89	S11 15.33	037 09.97	N16 02.36	091 29.71	N22 04.14	287 29.02	S22 13.31	287 52.13	04.89	S22 26.81	08.20	60.04
08	192 57.81	341 23.51	S11 02.21	343 03.82	S11 15.90	052 12.43	N16 02.37	106 32.39	N22 04.14	302 28.76	S22 13.65	302 16.02	04.84	S22 35.01	08.04	60.01
09	208 00.27	356 24.76	S11 02.27	358 04.76	S11 16.47	067 14.89	N16 02.38	121 35.06	N22 04.13	317 28.51	S22 13.99	316 39.85	04.79	S22 43.05	07.88	59.99
10	223 02.73	011 26.00	S11 02.33	013 05.69	S11 17.04	082 17.35	N16 02.39	136 37.74	N22 04.13	332 28.26	S22 14.32	331 03.64	04.74	S22 50.94	07.72	59.97
11	238 05.20	026 27.25	S11 02.40	028 06.62	S11 17.60	097 19.81	N16 02.39	151 40.41	N22 04.13	347 28.01	S22 14.66	345 27.39	04.70	S22 58.65	07.56	59.95
12	253 07.66	041 28.49	S11 02.46	043 07.55	S11 18.17	112 22.27	N16 02.40	166 43.09	N22 04.13	002 27.75	S22 14.99	359 51.08	04.66	S23 06.21	07.39	59.93
13	268 10.13	056 29.73	S11 02.53	058 08.48	S11 18.74	127 24.73	N16 02.41	181 45.76	N22 04.12	017 27.50	S22 15.33	014 14.74	04.61	S23 13.61	07.23	59.90
14	283 12.59	071 30.96	S11 02.59	073 09.41	S11 19.31	142 27.19	N16 02.42	196 48.44	N22 04.12	032 27.24	S22 15.66	028 38.35	04.58	S23 20.83	07.06	59.88
15	298 15.06	086 32.19	S11 02.66	088 10.34	S11 19.87	157 29.65	N16 02.43	211 51.11	N22 04.12	047 26.99	S22 15.99	043 01.93	04.54	S23 27.90	06.90	59.86
16	313 17.52	101 33.42	S11 02.73	103 11.27	S11 20.44	172 32.11	N16 02.44	226 53.79	N22 04.12	062 26.74	S22 16.32	057 25.47	04.50	S23 34.79	06.73	59.83
17	328 19.98	116 34.65	S11 02.80	118 12.20	S11 21.01	187 34.58	N16 02.45	241 56.47	N22 04.11	077 26.48	S22 16.65	071 48.97	04.47	S23 41.52	06.56	59.81
18	343 22.45	131 35.88	S11 02.88	133 13.13	S11 21.57	202 37.04	N16 02.46	256 59.14	N22 04.11	092 26.23	S22 16.98	086 12.44	04.44	S23 48.09	06.39	59.79
19	358 24.91	146 37.10	S11 02.95	148 14.06	S11 22.14	217 39.50	N16 02.47	272 01.82	N22 04.11	107 25.97	S22 17.31	100 35.87	04.41	S23 54.48	06.22	59.76
20	013 27.38	161 38.32	S11 03.03	163 14.99	S11 22.70	232 41.97	N16 02.48	287 04.49	N22 04.11	122 25.72	S22 17.64	114 59.28	04.38	S24 00.70	06.05	59.74
21	028 29.84	176 39.54	S11 03.10	178 15.92	S11 23.27	247 44.43	N16 02.49	302 07.17	N22 04.10	137 25.46	S22 17.97	129 22.65	04.35	S24 06.75	05.88	59.71
22	043 32.31	191 40.75	S11 03.18	193 16.85	S11 23.84	262 46.90	N16 02.50	317 09.85	N22 04.10	152 25.21	S22 18.30	143 46.00	04.33	S24 12.64	05.71	59.68
23	058 34.77	206 41.96	S11 03.26	208 17.78	S11 24.40	277 49.36	N16 02.51	332 12.52	N22 04.10	167 24.95	S22 18.62	158 09.33	04.30	S24 18.34	05.54	59.66
		v 1.27	d 0.05	v 0.93	d 0.57	v 2.46	d 0.01	v 2.67	d 0.00	v -0.25	d 0.34	SD	16.45	16.33		
		HP 0.37		HP 0.06						SD 16.23	HP 0.15					

Thursday December 05, 2002 through Friday December 06, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
05 00	073 37.23	221 43.17	S11 03.34	223 18.71	S11 24.97	292 51.83	N16 02.52	347 15.20	N22 04.10	182 24.69	S22 18.95	172 32.63	04.28	S24 23.88	05.36	59.63
01	088 39.70	236 44.38	S11 03.43	238 19.64	S11 25.53	307 54.29	N16 02.53	002 17.87	N22 04.09	197 24.44	S22 19.27	186 55.92	04.26	S24 29.25	05.19	59.60
02	103 42.16	251 45.59	S11 03.51	253 20.57	S11 26.10	322 56.76	N16 02.54	017 20.55	N22 04.09	212 24.18	S22 19.60	201 19.18	04.25	S24 34.44	05.02	59.58
03	118 44.63	266 46.79	S11 03.60	268 21.49	S11 26.66	337 59.22	N16 02.55	032 23.23	N22 04.09	227 23.92	S22 19.92	215 42.43	04.23	S24 39.45	04.84	59.55
04	133 47.09	281 47.99	S11 03.69	283 22.42	S11 27.23	353 01.69	N16 02.56	047 25.90	N22 04.08	242 23.67	S22 20.24	230 05.66	04.22	S24 44.30	04.67	59.52
05	148 49.56	296 49.19	S11 03.77	298 23.35	S11 27.79	008 04.16	N16 02.57	062 28.58	N22 04.08	257 23.41	S22 20.57	244 28.89	04.21	S24 48.96	04.49	59.49
06	163 52.02	311 50.38	S11 03.86	313 24.28	S11 28.36	023 06.62	N16 02.58	077 31.26	N22 04.08	272 23.15	S22 20.89	258 52.10	04.20	S24 53.46	04.32	59.46
07	178 54.48	326 51.57	S11 03.96	328 25.21	S11 28.92	038 09.09	N16 02.59	092 33.93	N22 04.08	287 22.89	S22 21.21	273 15.30	04.20	S24 57.77	04.14	59.44
08	193 56.95	341 52.76	S11 04.05	343 26.14	S11 29.49	053 11.56	N16 02.60	107 36.61	N22 04.07	302 22.63	S22 21.53	287 38.50	04.20	S25 01.91	03.96	59.41
09	208 59.41	356 53.95	S11 04.14	358 27.07	S11 30.05	068 14.03	N16 02.61	122 39.29	N22 04.07	317 22.38	S22 21.85	302 01.70	04.19	S25 05.88	03.79	59.38
10	224 01.88	011 55.13	S11 04.24	013 27.99	S11 30.61	083 16.49	N16 02.63	137 41.97	N22 04.07	332 22.12	S22 22.16	316 24.89	04.20	S25 09.67	03.61	59.35
11	239 04.34	026 56.32	S11 04.34	028 28.92	S11 31.18	098 18.96	N16 02.64	152 44.64	N22 04.07	347 21.86	S22 22.48	330 48.09	04.20	S25 13.28	03.44	59.32
12	254 06.80	041 57.50	S11 04.44	043 29.85	S11 31.74	113 21.43	N16 02.65	167 47.32	N22 04.06	002 21.60	S22 22.80	345 11.28	04.20	S25 16.72	03.26	59.29
13	269 09.27	056 58.67	S11 04.54	058 30.78	S11 32.31	128 23.90	N16 02.66	182 50.00	N22 04.06	017 21.34	S22 23.11	359 34.49	04.21	S25 19.97	03.08	59.26
14	284 11.73	071 59.85	S11 04.64	073 31.71	S11 32.87	143 26.37	N16 02.67	197 52.67	N22 04.06	032 21.08	S22 23.43	013 57.70	04.22	S25 23.06	02.91	59.23
15	299 14.20	087 01.02	S11 04.74	088 32.63	S11 33.43	158 28.84	N16 02.68	212 55.35	N22 04.06	047 20.82	S22 23.74	028 20.92	04.23	S25 25.96	02.73	59.20
16	314 16.66	102 02.19	S11 04.85	103 33.56	S11 34.00	173 31.31	N16 02.70	227 58.03	N22 04.05	062 20.56	S22 24.06	042 44.16	04.25	S25 28.69	02.55	59.16
17	329 19.13	117 03.36	S11 04.95	118 34.49	S11 34.56	188 33.78	N16 02.71	243 00.71	N22 04.05	077 20.30	S22 24.37	057 07.41	04.27	S25 31.24	02.37	59.13
18	344 21.59	132 04.52	S11 05.06	133 35.42	S11 35.12	203 36.25	N16 02.72	258 03.38	N22 04.05	092 20.04	S22 24.68	071 30.67	04.28	S25 33.62	02.20	59.10
19	359 24.05	147 05.68	S11 05.17	148 36.34	S11 35.69	218 38.72	N16 02.73	273 06.06	N22 04.05	107 19.78	S22 24.99	085 53.96	04.31	S25 35.82	02.02	59.07
20	014 26.52	162 06.84	S11 05.28	163 37.27	S11 36.25	233 41.20	N16 02.74	288 08.74	N22 04.04	122 19.52	S22 25.30	100 17.26	04.33	S25 37.84	01.85	59.04
21	029 28.98	177 08.00	S11 05.39	178 38.20	S11 36.81	248 43.67	N16 02.76	303 11.42	N22 04.04	137 19.25	S22 25.61	114 40.59	04.36	S25 39.68	01.67	59.00
22	044 31.45	192 09.16	S11 05.51	193 39.12	S11 37.37	263 46.14	N16 02.77	318 14.09	N22 04.04	152 18.99	S22 25.92	129 03.95	04.38	S25 41.35	01.49	58.97
23	059 33.91	207 10.31	S11 05.62	208 40.05	S11 37.94	278 48.61	N16 02.78	333 16.77	N22 04.03	167 18.73	S22 26.23	143 27.33	04.41	S25 42.85	01.32	58.94
06 00	074 36.38	222 11.46	S11 05.74	223 40.98	S11 38.50	293 51.09	N16 02.80	348 19.45	N22 04.03	182 18.47	S22 26.54	157 50.75	04.45	S25 44.17	01.14	58.91
01	089 38.84	237 12.61	S11 05.85	238 41.90	S11 39.06	308 53.56	N16 02.81	003 22.13	N22 04.03	197 18.21	S22 26.84	172 14.19	04.48	S25 45.31	00.97	58.87
02	104 41.30	252 13.75	S11 05.97	253 42.83	S11 39.62	323 56.03	N16 02.82	018 24.81	N22 04.03	212 17.95	S22 27.15	186 37.68	04.52	S25 46.28	00.80	58.84
03	119 43.77	267 14.89	S11 06.09	268 43.76	S11 40.18	338 58.51	N16 02.83	033 27.48	N22 04.02	227 17.68	S22 27.46	201 01.19	04.56	S25 47.08	00.62	58.80
04	134 46.23	282 16.03	S11 06.22	283 44.68	S11 40.75	354 00.98	N16 02.85	048 30.16	N22 04.02	242 17.42	S22 27.76	215 24.75	04.60	S25 47.70	00.45	58.77
05	149 48.70	297 17.17	S11 06.34	298 45.61	S11 41.31	009 03.46	N16 02.86	063 32.84	N22 04.02	257 17.16	S22 28.06	229 48.35	04.64	S25 48.15	00.28	58.74
06	164 51.16	312 18.31	S11 06.46	313 46.54	S11 41.87	024 05.93	N16 02.87	078 35.52	N22 04.02	272 16.89	S22 28.37	244 11.99	04.69	S25 48.43	00.11	58.70
07	179 53.63	327 19.44	S11 06.59	328 47.46	S11 42.43	039 08.41	N16 02.89	093 38.20	N22 04.01	287 16.63	S22 28.67	258 35.68	04.74	S25 48.53	00.07	58.67
08	194 56.09	342 20.57	S11 06.72	343 48.39	S11 42.99	054 10.88	N16 02.90	108 40.87	N22 04.01	302 16.37	S22 28.97	272 59.42	04.79	S25 48.47	00.24	58.63
09	209 58.55	357 21.70	S11 06.84	358 49.31	S11 43.55	069 13.36	N16 02.91	123 43.55	N22 04.01	317 16.10	S22 29.27	287 23.20	04.84	S25 48.23	00.41	58.60
10	225 01.02	012 22.82	S11 06.97	013 50.24	S11 44.11	084 15.84	N16 02.93	138 46.23	N22 04.01	332 15.84	S22 29.57	301 47.04	04.89	S25 47.82	00.58	58.56
11	240 03.48	027 23.95	S11 07.11	028 51.16	S11 44.67	099 18.31	N16 02.94	153 48.91	N22 04.00	347 15.57	S22 29.87	316 10.93	04.95	S25 47.25	00.74	58.53
12	255 05.95	042 25.07	S11 07.24	043 52.09	S11 45.24	114 20.79	N16 02.96	168 51.59	N22 04.00	002 15.31	S22 30.17	330 34.88	05.00	S25 46.50	00.91	58.49
13	270 08.41	057 26.19	S11 07.37	058 53.01	S11 45.80	129 23.27	N16 02.97	183 54.27	N22 04.00	017 15.04	S22 30.47	344 58.88	05.06	S25 45.59	01.08	58.46
14	285 10.87	072 27.30	S11 07.51	073 53.94	S11 46.36	144 25.75	N16 02.99	198 56.95	N22 04.00	032 14.78	S22 30.76	359 22.94	05.13	S25 44.51	01.25	58.42
15	300 13.34	087 28.42	S11 07.64	088 54.86	S11 46.92	159 28.23	N16 03.00	213 59.62	N22 03.99	047 14.51	S22 31.06	013 47.07	05.19	S25 43.27	01.41	58.39
16	315 15.80	102 29.53	S11 07.78	103 55.79	S11 47.48	174 30.70	N16 03.01	229 02.30	N22 03.99	062 14.25	S22 31.35	028 11.26	05.25	S25 41.86	01.57	58.35
17	330 18.27	117 30.64	S11 07.92	118 56.71	S11 48.04	189 33.18	N16 03.03	244 04.98	N22 03.99	077 13.98	S22 31.65	042 35.52	05.32	S25 40.28	01.74	58.32
18	345 20.73	132 31.74	S11 08.06	133 57.64	S11 48.60	204 35.66	N16 03.04	259 07.66	N22 03.98	092 13.72	S22 31.94	056 59.84	05.39	S25 38.54	01.90	58.28
19	000 23.20	147 32.85	S11 08.21	148 58.56	S11 49.16	219 38.14	N16 03.06	274 10.34	N22 03.98	107 13.45	S22 32.24	071 24.23	05.46	S25 36.64	02.06	58.24
20	015 25.66	162 33.95	S11 08.35	163 59.49	S11 49.72	234 40.62	N16 03.07	289 13.02	N22 03.98	122 13.18	S22 32.53	085 48.69	05.53	S25 34.58	02.22	58.21
21	030 28.12	177 35.05	S11 08.49	179 00.41	S11 50.27	249 43.10	N16 03.09	304 15.70	N22 03.98	137 12.92	S22 32.82	100 13.23	05.61	S25 32.36	02.38	58.17
22	045 30.59	192 36.15	S11 08.64	194 01.34	S11 50.83	264 45.58	N16 03.10	319 18.38	N22 03.97	152 12.65	S22 33.11	114 37.83	05.68	S25 29.98	02.54	58.14
23	060 33.05	207 37.24	S11 08.79	209 02.26	S11 51.39	279 48.06	N16 03.12	334 21.06	N22 03.97	167 12.38	S22 33.40	129 02.52	05.76	S25 27.43	02.70	58.10
		v 1.15	d 0.12	v 0.93	d 0.56	v 2.47	d 0.01	v 2.68	d 0.00	v -0.26	d 0.31	SD	16.16	15.94		
		HP 0.36		HP 0.07						SD 16.23	HP 0.15					

Saturday December 07, 2002 through Sunday December 08, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
07 00	075 35.52	222 38.33	S11 08.94	224 03.18	S11 51.95	294 50.55	N16 03.13	349 23.74	N22 03.97	182 12.11	S22 33.69	143 27.28	05.84	S25 24.74	02.85	58.06
01	090 37.98	237 39.42	S11 09.09	239 04.11	S11 52.51	309 53.03	N16 03.15	004 26.42	N22 03.97	197 11.85	S22 33.98	157 52.12	05.92	S25 21.88	03.01	58.03
02	105 40.45	252 40.51	S11 09.24	254 05.03	S11 53.07	324 55.51	N16 03.16	019 29.10	N22 03.96	212 11.58	S22 34.27	172 17.04	06.00	S25 18.87	03.16	57.99
03	120 42.91	267 41.60	S11 09.39	269 05.96	S11 53.63	339 57.99	N16 03.18	034 31.77	N22 03.96	227 11.31	S22 34.55	186 42.04	06.09	S25 15.71	03.32	57.95
04	135 45.37	282 42.68	S11 09.55	284 06.88	S11 54.19	355 00.47	N16 03.20	049 34.45	N22 03.96	242 11.04	S22 34.84	201 07.13	06.17	S25 12.39	03.47	57.92
05	150 47.84	297 43.76	S11 09.70	299 07.80	S11 54.74	010 02.96	N16 03.21	064 37.13	N22 03.96	257 10.77	S22 35.12	215 32.30	06.26	S25 08.93	03.62	57.88
06	165 50.30	312 44.84	S11 09.86	314 08.73	S11 55.30	025 05.44	N16 03.23	079 39.81	N22 03.95	272 10.51	S22 35.41	229 57.56	06.34	S25 05.31	03.77	57.84
07	180 52.77	327 45.91	S11 10.02	329 09.65	S11 55.86	040 07.92	N16 03.24	094 42.49	N22 03.95	287 10.24	S22 35.69	244 22.90	06.43	S25 01.54	03.92	57.81
08	195 55.23	342 46.99	S11 10.18	344 10.57	S11 56.42	055 10.41	N16 03.26	109 45.17	N22 03.95	302 09.97	S22 35.98	258 48.34	06.52	S24 57.62	04.06	57.77
09	210 57.69	357 48.06	S11 10.34	359 11.50	S11 56.98	070 12.89	N16 03.28	124 47.85	N22 03.95	317 09.70	S22 36.26	273 13.86	06.61	S24 53.56	04.21	57.73
10	226 00.16	012 49.13	S11 10.50	014 12.42	S11 57.53	085 15.38	N16 03.29	139 50.53	N22 03.94	332 09.43	S22 36.54	287 39.47	06.71	S24 49.35	04.35	57.70
11	241 02.62	027 50.20	S11 10.66	029 13.34	S11 58.09	100 17.86	N16 03.31	154 53.21	N22 03.94	347 09.16	S22 36.82	302 05.18	06.80	S24 45.00	04.50	57.66
12	256 05.09	042 51.26	S11 10.83	044 14.26	S11 58.65	115 20.35	N16 03.33	169 55.89	N22 03.94	002 08.89	S22 37.10	316 30.98	06.89	S24 40.50	04.64	57.62
13	271 07.55	057 52.32	S11 10.99	059 15.19	S11 59.21	130 22.83	N16 03.34	184 58.57	N22 03.93	017 08.62	S22 37.38	330 56.87	06.99	S24 35.86	04.78	57.59
14	286 10.02	072 53.38	S11 11.16	074 16.11	S11 59.76	145 25.32	N16 03.36	200 01.25	N22 03.93	032 08.35	S22 37.66	345 22.86	07.09	S24 31.08	04.92	57.55
15	301 12.48	087 54.44	S11 11.33	089 17.03	S12 00.32	160 27.81	N16 03.38	215 03.93	N22 03.93	047 08.08	S22 37.94	359 48.95	07.18	S24 26.17	05.06	57.51
16	316 14.94	102 55.49	S11 11.50	104 17.95	S12 00.88	175 30.29	N16 03.39	230 06.61	N22 03.93	062 07.81	S22 38.21	014 15.13	07.28	S24 21.11	05.19	57.48
17	331 17.41	117 56.55	S11 11.67	119 18.88	S12 01.43	190 32.78	N16 03.41	245 09.29	N22 03.92	077 07.54	S22 38.49	028 41.42	07.38	S24 15.92	05.33	57.44
18	346 19.87	132 57.60	S11 11.84	134 19.80	S12 01.99	205 35.27	N16 03.43	260 11.97	N22 03.92	092 07.27	S22 38.76	043 07.80	07.48	S24 10.59	05.46	57.40
19	001 22.34	147 58.64	S11 12.02	149 20.72	S12 02.55	220 37.76	N16 03.45	275 14.65	N22 03.92	107 06.99	S22 39.04	057 34.28	07.58	S24 05.13	05.59	57.37
20	016 24.80	162 59.69	S11 12.19	164 21.64	S12 03.10	235 40.24	N16 03.46	290 17.33	N22 03.92	122 06.72	S22 39.31	072 00.86	07.68	S23 59.54	05.72	57.33
21	031 27.27	178 00.73	S11 12.37	179 22.56	S12 03.66	250 42.73	N16 03.48	305 20.01	N22 03.91	137 06.45	S22 39.58	086 27.54	07.78	S23 53.81	05.85	57.29
22	046 29.73	193 01.78	S11 12.55	194 23.49	S12 04.21	265 45.22	N16 03.50	320 22.69	N22 03.91	152 06.18	S22 39.86	100 54.32	07.89	S23 47.96	05.98	57.26
23	061 32.19	208 02.81	S11 12.73	209 24.41	S12 04.77	280 47.71	N16 03.52	335 25.38	N22 03.91	167 05.91	S22 40.13	115 21.21	07.99	S23 41.98	06.11	57.22
08 00	076 34.66	223 03.85	S11 12.91	224 25.33	S12 05.32	295 50.20	N16 03.53	350 28.06	N22 03.91	182 05.63	S22 40.40	129 48.20	08.09	S23 35.87	06.24	57.19
01	091 37.12	238 04.89	S11 13.09	239 26.25	S12 05.88	310 52.69	N16 03.55	005 30.74	N22 03.90	197 05.36	S22 40.67	144 15.29	08.20	S23 29.63	06.36	57.15
02	106 39.59	253 05.92	S11 13.27	254 27.17	S12 06.43	325 55.18	N16 03.57	020 33.42	N22 03.90	212 05.09	S22 40.94	158 42.49	08.30	S23 23.27	06.48	57.11
03	121 42.05	268 06.95	S11 13.45	269 28.09	S12 06.99	340 57.67	N16 03.59	035 36.10	N22 03.90	227 04.82	S22 41.21	173 09.79	08.41	S23 16.79	06.60	57.08
04	136 44.51	283 07.97	S11 13.64	284 29.01	S12 07.54	356 00.16	N16 03.61	050 38.78	N22 03.89	242 04.54	S22 41.47	187 37.19	08.51	S23 10.19	06.72	57.04
05	151 46.98	298 09.00	S11 13.83	299 29.93	S12 08.10	011 02.65	N16 03.63	065 41.46	N22 03.89	257 04.27	S22 41.74	202 04.70	08.62	S23 03.46	06.84	57.00
06	166 49.44	313 10.02	S11 14.01	314 30.85	S12 08.65	026 05.14	N16 03.64	080 44.14	N22 03.89	272 04.00	S22 42.01	216 32.32	08.72	S22 56.62	06.96	56.97
07	181 51.91	328 11.04	S11 14.20	329 31.77	S12 09.21	041 07.64	N16 03.66	095 46.82	N22 03.89	287 03.72	S22 42.27	231 00.04	08.83	S22 49.66	07.08	56.93
08	196 54.37	343 12.06	S11 14.39	344 32.69	S12 09.76	056 10.13	N16 03.68	110 49.50	N22 03.88	302 03.45	S22 42.54	245 27.87	08.93	S22 42.58	07.19	56.90
09	211 56.84	358 13.08	S11 14.59	359 33.61	S12 10.32	071 12.62	N16 03.70	125 52.18	N22 03.88	317 03.17	S22 42.80	259 55.81	09.04	S22 35.40	07.30	56.86
10	226 59.30	013 14.09	S11 14.78	014 34.54	S12 10.87	086 15.11	N16 03.72	140 54.86	N22 03.88	332 02.90	S22 43.06	274 23.85	09.15	S22 28.09	07.41	56.83
11	242 01.76	028 15.10	S11 14.97	029 35.46	S12 11.43	101 17.61	N16 03.74	155 57.55	N22 03.88	347 02.62	S22 43.33	288 52.00	09.25	S22 20.68	07.52	56.79
12	257 04.23	043 16.11	S11 15.17	044 36.38	S12 11.98	116 20.10	N16 03.76	171 00.23	N22 03.87	002 02.35	S22 43.59	303 20.25	09.36	S22 13.15	07.63	56.76
13	272 06.69	058 17.12	S11 15.36	059 37.29	S12 12.53	131 22.60	N16 03.78	186 02.91	N22 03.87	017 02.07	S22 43.85	317 48.61	09.47	S22 05.52	07.74	56.72
14	287 09.16	073 18.13	S11 15.56	074 38.21	S12 13.09	146 25.09	N16 03.80	201 05.59	N22 03.87	032 01.80	S22 44.11	332 17.08	09.57	S21 57.78	07.85	56.69
15	302 11.62	088 19.13	S11 15.76	089 39.13	S12 13.64	161 27.58	N16 03.82	216 08.27	N22 03.87	047 01.52	S22 44.37	346 45.65	09.68	S21 49.93	07.95	56.65
16	317 14.08	103 20.13	S11 15.96	104 40.05	S12 14.19	176 30.08	N16 03.84	231 10.95	N22 03.86	062 01.25	S22 44.63	001 14.34	09.79	S21 41.98	08.05	56.62
17	332 16.55	118 21.13	S11 16.16	119 40.97	S12 14.75	191 32.57	N16 03.85	246 13.63	N22 03.86	077 00.97	S22 44.88	015 43.12	09.89	S21 33.93	08.16	56.58
18	347 19.01	133 22.12	S11 16.37	134 41.89	S12 15.30	206 35.07	N16 03.87	261 16.32	N22 03.86	092 00.70	S22 45.14	030 12.02	10.00	S21 25.77	08.26	56.55
19	002 21.48	148 23.12	S11 16.57	149 42.81	S12 15.85	221 37.57	N16 03.89	276 19.00	N22 03.86	107 00.42	S22 45.40	044 41.02	10.11	S21 17.51	08.36	56.51
20	017 23.94	163 24.11	S11 16.78	164 43.73	S12 16.40	236 40.06	N16 03.91	291 21.68	N22 03.85	122 00.14	S22 45.65	059 10.13	10.21	S21 09.16	08.45	56.48
21	032 26.41	178 25.10	S11 16.98	179 44.65	S12 16.96	251 42.56	N16 03.93	306 24.36	N22 03.85	136 59.87	S22 45.91	073 39.34	10.32	S21 00.70	08.55	56.44
22	047 28.87	193 26.09	S11 17.19	194 45.57	S12 17.51	266 45.06	N16 03.96	321 27.04	N22 03.85	151 59.59	S22 46.16	088 08.66	10.42	S20 52.15	08.65	56.41
23	062 31.33	208 27.07	S11 17.40	209 46.49	S12 18.06	281 47.55	N16 03.98	336 29.72	N22 03.84	166 59.31	S22 46.41	102 38.08	10.53	S20 43.51	08.74	56.38
		v 1.03	d 0.18	v 0.92	d 0.56	v 2.49	d 0.02	v 2.68	d 0.00	v -0.27	d 0.27	SD	15.71	15.47		
		HP 0.35		HP 0.07						SD 16.24	HP 0.15					

Monday December 09, 2002 through Tuesday December 10, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
09 00	077 33.80	223 28.05	S11 17.61	224 47.41	S12 18.61	296 50.05	N16 04.00	351 32.41	N22 03.84	181 59.04	S22 46.66	117 07.61	10.63	S20 34.77	08.83	56.34
01	092 36.26	238 29.04	S11 17.82	239 48.32	S12 19.17	311 52.55	N16 04.02	006 35.09	N22 03.84	196 58.76	S22 46.92	131 37.25	10.74	S20 25.94	08.92	56.31
02	107 38.73	253 30.01	S11 18.03	254 49.24	S12 19.72	326 55.05	N16 04.04	021 37.77	N22 03.84	211 58.48	S22 47.17	146 06.98	10.84	S20 17.01	09.01	56.28
03	122 41.19	268 30.99	S11 18.25	269 50.16	S12 20.27	341 57.55	N16 04.06	036 40.45	N22 03.83	226 58.20	S22 47.42	160 36.83	10.95	S20 08.00	09.10	56.24
04	137 43.65	283 31.96	S11 18.46	284 51.08	S12 20.82	357 00.05	N16 04.08	051 43.13	N22 03.83	241 57.93	S22 47.66	175 06.77	11.05	S19 58.90	09.19	56.21
05	152 46.12	298 32.94	S11 18.68	299 52.00	S12 21.37	012 02.54	N16 04.10	066 45.81	N22 03.83	256 57.65	S22 47.91	189 36.82	11.15	S19 49.71	09.27	56.18
06	167 48.58	313 33.91	S11 18.90	314 52.92	S12 21.92	027 05.04	N16 04.12	081 48.50	N22 03.83	271 57.37	S22 48.16	204 06.97	11.25	S19 40.44	09.36	56.15
07	182 51.05	328 34.87	S11 19.11	329 53.83	S12 22.47	042 07.54	N16 04.14	096 51.18	N22 03.82	286 57.09	S22 48.41	218 37.23	11.36	S19 31.08	09.44	56.11
08	197 53.51	343 35.84	S11 19.33	344 54.75	S12 23.02	057 10.05	N16 04.16	111 53.86	N22 03.82	301 56.81	S22 48.65	233 07.58	11.46	S19 21.64	09.52	56.08
09	212 55.98	358 36.80	S11 19.56	359 55.67	S12 23.58	072 12.55	N16 04.19	126 56.54	N22 03.82	316 56.53	S22 48.90	247 38.04	11.56	S19 12.11	09.60	56.05
10	227 58.44	013 37.76	S11 19.78	014 56.59	S12 24.13	087 15.05	N16 04.21	141 59.23	N22 03.82	331 56.26	S22 49.14	262 08.59	11.66	S19 02.51	09.68	56.02
11	243 00.90	028 38.72	S11 20.00	029 57.50	S12 24.68	102 17.55	N16 04.23	157 01.91	N22 03.81	346 55.98	S22 49.39	276 39.25	11.76	S18 52.82	09.76	55.99
12	258 03.37	043 39.68	S11 20.23	044 58.42	S12 25.23	117 20.05	N16 04.25	172 04.59	N22 03.81	001 55.70	S22 49.63	291 10.01	11.85	S18 43.06	09.84	55.95
13	273 05.83	058 40.63	S11 20.45	059 59.34	S12 25.78	132 22.55	N16 04.27	187 07.27	N22 03.81	016 55.42	S22 49.87	305 40.86	11.95	S18 33.22	09.92	55.92
14	288 08.30	073 41.58	S11 20.68	075 00.25	S12 26.33	147 25.05	N16 04.29	202 09.95	N22 03.80	031 55.14	S22 50.11	320 11.81	12.05	S18 23.31	09.99	55.89
15	303 10.76	088 42.53	S11 20.91	090 01.17	S12 26.88	162 27.56	N16 04.32	217 12.64	N22 03.80	046 54.86	S22 50.35	334 42.86	12.15	S18 13.32	10.06	55.86
16	318 13.22	103 43.48	S11 21.14	105 02.09	S12 27.43	177 30.06	N16 04.34	232 15.32	N22 03.80	061 54.58	S22 50.59	349 14.01	12.24	S18 03.25	10.14	55.83
17	333 15.69	118 44.43	S11 21.37	120 03.00	S12 27.98	192 32.56	N16 04.36	247 18.00	N22 03.80	076 54.30	S22 50.83	003 45.25	12.34	S17 53.12	10.21	55.80
18	348 18.15	133 45.37	S11 21.60	135 03.92	S12 28.53	207 35.07	N16 04.38	262 20.68	N22 03.79	091 54.02	S22 51.07	018 16.59	12.43	S17 42.91	10.28	55.77
19	003 20.62	148 46.31	S11 21.83	150 04.84	S12 29.07	222 37.57	N16 04.41	277 23.37	N22 03.79	106 53.74	S22 51.31	032 48.03	12.53	S17 32.64	10.34	55.74
20	018 23.08	163 47.25	S11 22.06	165 05.75	S12 29.62	237 40.08	N16 04.43	292 26.05	N22 03.79	121 53.46	S22 51.54	047 19.55	12.62	S17 22.29	10.41	55.71
21	033 25.54	178 48.19	S11 22.30	180 06.67	S12 30.17	252 42.58	N16 04.45	307 28.73	N22 03.79	136 53.17	S22 51.78	061 51.17	12.71	S17 11.88	10.48	55.68
22	048 28.01	193 49.13	S11 22.54	195 07.59	S12 30.72	267 45.09	N16 04.47	322 31.42	N22 03.78	151 52.89	S22 52.01	076 22.88	12.80	S17 01.40	10.54	55.65
23	063 30.47	208 50.06	S11 22.77	210 08.50	S12 31.27	282 47.59	N16 04.50	337 34.10	N22 03.78	166 52.61	S22 52.25	090 54.69	12.89	S16 50.86	10.61	55.62
10 00	078 32.94	223 50.99	S11 23.01	225 09.42	S12 31.82	297 50.10	N16 04.52	352 36.78	N22 03.78	181 52.33	S22 52.48	105 26.58	12.98	S16 40.25	10.67	55.60
01	093 35.40	238 51.92	S11 23.25	240 10.33	S12 32.37	312 52.60	N16 04.54	007 39.46	N22 03.78	196 52.05	S22 52.71	119 58.56	13.07	S16 29.58	10.73	55.57
02	108 37.87	253 52.84	S11 23.49	255 11.25	S12 32.92	327 55.11	N16 04.57	022 42.15	N22 03.77	211 51.77	S22 52.94	134 30.63	13.16	S16 18.84	10.79	55.54
03	123 40.33	268 53.77	S11 23.74	270 12.17	S12 33.46	342 57.62	N16 04.59	037 44.83	N22 03.77	226 51.48	S22 53.17	149 02.79	13.25	S16 08.05	10.85	55.51
04	138 42.79	283 54.69	S11 23.98	285 13.08	S12 34.01	358 00.12	N16 04.61	052 47.51	N22 03.77	241 51.20	S22 53.41	163 35.04	13.33	S15 57.20	10.91	55.48
05	153 45.26	298 55.61	S11 24.22	300 14.00	S12 34.56	013 02.63	N16 04.64	067 50.20	N22 03.76	256 50.92	S22 53.63	178 07.37	13.42	S15 46.28	10.97	55.46
06	168 47.72	313 56.53	S11 24.47	315 14.91	S12 35.11	028 05.14	N16 04.66	082 52.88	N22 03.76	271 50.64	S22 53.86	192 39.79	13.50	S15 35.32	11.03	55.43
07	183 50.19	328 57.45	S11 24.72	330 15.83	S12 35.65	043 07.65	N16 04.68	097 55.56	N22 03.76	286 50.35	S22 54.09	207 12.30	13.59	S15 24.29	11.08	55.40
08	198 52.65	343 58.36	S11 24.96	345 16.74	S12 36.20	058 10.16	N16 04.71	112 58.24	N22 03.76	301 50.07	S22 54.32	221 44.88	13.67	S15 13.21	11.14	55.38
09	213 55.11	358 59.27	S11 25.21	000 17.66	S12 36.75	073 12.67	N16 04.73	128 00.93	N22 03.75	316 49.79	S22 54.54	236 17.55	13.75	S15 02.07	11.19	55.35
10	228 57.58	014 00.18	S11 25.46	015 18.57	S12 37.30	088 15.18	N16 04.76	143 03.61	N22 03.75	331 49.50	S22 54.77	250 50.30	13.83	S14 50.88	11.24	55.32
11	244 00.04	029 01.09	S11 25.71	030 19.48	S12 37.84	103 17.68	N16 04.78	158 06.29	N22 03.75	346 49.22	S22 54.99	265 23.13	13.91	S14 39.64	11.29	55.30
12	259 02.51	044 01.99	S11 25.97	045 20.40	S12 38.39	118 20.19	N16 04.80	173 08.98	N22 03.75	001 48.94	S22 55.22	279 56.04	13.99	S14 28.35	11.34	55.27
13	274 04.97	059 02.90	S11 26.22	060 21.31	S12 38.94	133 22.70	N16 04.83	188 11.66	N22 03.74	016 48.65	S22 55.44	294 29.03	14.07	S14 17.00	11.39	55.25
14	289 07.43	074 03.80	S11 26.47	075 22.23	S12 39.48	148 25.22	N16 04.85	203 14.34	N22 03.74	031 48.37	S22 55.66	309 02.10	14.14	S14 05.61	11.44	55.22
15	304 09.90	089 04.70	S11 26.73	090 23.14	S12 40.03	163 27.73	N16 04.88	218 17.03	N22 03.74	046 48.09	S22 55.89	323 35.24	14.22	S13 54.17	11.49	55.20
16	319 12.36	104 05.59	S11 26.99	105 24.06	S12 40.57	178 30.24	N16 04.90	233 19.71	N22 03.74	061 47.80	S22 56.11	338 08.46	14.29	S13 42.68	11.54	55.17
17	334 14.83	119 06.49	S11 27.24	120 24.97	S12 41.12	193 32.75	N16 04.93	248 22.39	N22 03.73	076 47.52	S22 56.33	352 41.76	14.37	S13 31.15	11.58	55.15
18	349 17.29	134 07.38	S11 27.50	135 25.88	S12 41.67	208 35.26	N16 04.95	263 25.08	N22 03.73	091 47.23	S22 56.55	007 15.12	14.44	S13 19.56	11.63	55.12
19	004 19.76	149 08.27	S11 27.76	150 26.80	S12 42.21	223 37.77	N16 04.98	278 27.76	N22 03.73	106 46.95	S22 56.76	021 48.57	14.51	S13 07.94	11.67	55.10
20	019 22.22	164 09.16	S11 28.02	165 27.71	S12 42.76	238 40.29	N16 05.00	293 30.45	N22 03.72	121 46.66	S22 56.98	036 22.08	14.58	S12 56.27	11.71	55.08
21	034 24.68	179 10.05	S11 28.29	180 28.62	S12 43.30	253 42.80	N16 05.03	308 33.13	N22 03.72	136 46.38	S22 57.20	050 55.66	14.65	S12 44.56	11.75	55.05
22	049 27.15	194 10.93	S11 28.55	195 29.54	S12 43.85	268 45.31	N16 05.05	323 35.81	N22 03.72	151 46.09	S22 57.41	065 29.31	14.72	S12 32.80	11.79	55.03
23	064 29.61	209 11.82	S11 28.82	210 30.45	S12 44.39	283 47.83	N16 05.08	338 38.50	N22 03.72	166 45.81	S22 57.63	080 03.04	14.79	S12 21.01	11.84	55.01
		v 0.93	d 0.24	v 0.92	d 0.55	v 2.51	d 0.02	v 2.68	d 0.00	v -0.28	d 0.23	SD	15.25	15.06		
		HP 0.34		HP 0.07						SD 16.24	HP 0.15					

Wednesday December 11, 2002 through Thursday December 12, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
11 00	079 32.08	224 12.70	S11 29.08	225 31.36	S12 44.94	298 50.34	N16 05.10	353 41.18	N22 03.71	181 45.52	S22 57.84	094 36.82	14.86	S12 09.17	11.87	54.98
01	094 34.54	239 13.58	S11 29.35	240 32.28	S12 45.48	313 52.85	N16 05.13	008 43.86	N22 03.71	196 45.24	S22 58.06	109 10.68	14.92	S11 57.30	11.91	54.96
02	109 37.00	254 14.45	S11 29.62	255 33.19	S12 46.03	328 55.37	N16 05.15	023 46.55	N22 03.71	211 44.95	S22 58.27	123 44.60	14.99	S11 45.39	11.95	54.94
03	124 39.47	269 15.33	S11 29.88	270 34.10	S12 46.57	343 57.88	N16 05.18	038 49.23	N22 03.71	226 44.66	S22 58.48	138 18.58	15.05	S11 33.44	11.99	54.92
04	139 41.93	284 16.20	S11 30.15	285 35.01	S12 47.12	359 00.40	N16 05.21	053 51.92	N22 03.70	241 44.38	S22 58.69	152 52.63	15.11	S11 21.45	12.02	54.90
05	154 44.40	299 17.07	S11 30.43	300 35.93	S12 47.66	014 02.92	N16 05.23	068 54.60	N22 03.70	256 44.09	S22 58.90	167 26.74	15.17	S11 09.43	12.06	54.88
06	169 46.86	314 17.94	S11 30.70	315 36.84	S12 48.20	029 05.43	N16 05.26	083 57.28	N22 03.70	271 43.80	S22 59.11	182 00.92	15.23	S10 57.37	12.09	54.86
07	184 49.32	329 18.80	S11 30.97	330 37.75	S12 48.75	044 07.95	N16 05.29	098 59.97	N22 03.69	286 43.52	S22 59.32	196 35.15	15.29	S10 45.28	12.12	54.84
08	199 51.79	344 19.67	S11 31.25	345 38.66	S12 49.29	059 10.46	N16 05.31	114 02.65	N22 03.69	301 43.23	S22 59.53	211 09.44	15.35	S10 33.15	12.16	54.82
09	214 54.25	359 20.53	S11 31.52	000 39.58	S12 49.84	074 12.98	N16 05.34	129 05.34	N22 03.69	316 42.94	S22 59.74	225 43.79	15.41	S10 21.00	12.19	54.80
10	229 56.72	014 21.39	S11 31.80	015 40.49	S12 50.38	089 15.50	N16 05.36	144 08.02	N22 03.69	331 42.66	S22 59.94	240 18.19	15.46	S10 08.81	12.22	54.78
11	244 59.18	029 22.25	S11 32.07	030 41.40	S12 50.92	104 18.02	N16 05.39	159 10.70	N22 03.68	346 42.37	S23 00.15	254 52.65	15.52	S09 56.59	12.25	54.76
12	260 01.65	044 23.10	S11 32.35	045 42.31	S12 51.46	119 20.53	N16 05.42	174 13.39	N22 03.68	001 42.08	S23 00.35	269 27.17	15.57	S09 44.34	12.28	54.74
13	275 04.11	059 23.96	S11 32.63	060 43.22	S12 52.01	134 23.05	N16 05.44	189 16.07	N22 03.68	016 41.79	S23 00.56	284 01.74	15.62	S09 32.06	12.31	54.72
14	290 06.57	074 24.81	S11 32.91	075 44.13	S12 52.55	149 25.57	N16 05.47	204 18.76	N22 03.68	031 41.51	S23 00.76	298 36.36	15.67	S09 19.75	12.34	54.70
15	305 09.04	089 25.66	S11 33.20	090 45.05	S12 53.09	164 28.09	N16 05.50	219 21.44	N22 03.67	046 41.22	S23 00.96	313 11.04	15.72	S09 07.42	12.36	54.68
16	320 11.50	104 26.51	S11 33.48	105 45.96	S12 53.64	179 30.61	N16 05.53	234 24.12	N22 03.67	061 40.93	S23 01.17	327 45.76	15.77	S08 55.05	12.39	54.67
17	335 13.97	119 27.35	S11 33.76	120 46.87	S12 54.18	194 33.13	N16 05.55	249 26.81	N22 03.67	076 40.64	S23 01.37	342 20.53	15.82	S08 42.66	12.41	54.65
18	350 16.43	134 28.20	S11 34.05	135 47.78	S12 54.72	209 35.65	N16 05.58	264 29.49	N22 03.66	091 40.35	S23 01.57	356 55.36	15.87	S08 30.25	12.44	54.63
19	005 18.89	149 29.04	S11 34.33	150 48.69	S12 55.26	224 38.17	N16 05.61	279 32.18	N22 03.66	106 40.06	S23 01.77	011 30.22	15.91	S08 17.81	12.46	54.61
20	020 21.36	164 29.88	S11 34.62	165 49.60	S12 55.80	239 40.69	N16 05.64	294 34.86	N22 03.66	121 39.77	S23 01.97	026 05.14	15.96	S08 05.35	12.49	54.60
21	035 23.82	179 30.72	S11 34.91	180 50.51	S12 56.35	254 43.21	N16 05.66	309 37.55	N22 03.66	136 39.49	S23 02.16	040 40.10	16.00	S07 52.86	12.51	54.58
22	050 26.29	194 31.55	S11 35.20	195 51.42	S12 56.89	269 45.73	N16 05.69	324 40.23	N22 03.65	151 39.20	S23 02.36	055 15.10	16.05	S07 40.35	12.53	54.57
23	065 28.75	209 32.39	S11 35.49	210 52.33	S12 57.43	284 48.25	N16 05.72	339 42.92	N22 03.65	166 38.91	S23 02.56	069 50.15	16.09	S07 27.82	12.55	54.55
12 00	080 31.21	224 33.22	S11 35.78	225 53.24	S12 57.97	299 50.78	N16 05.75	354 45.60	N22 03.65	181 38.62	S23 02.75	084 25.23	16.13	S07 15.27	12.57	54.54
01	095 33.68	239 34.05	S11 36.07	240 54.15	S12 58.51	314 53.30	N16 05.78	009 48.28	N22 03.65	196 38.33	S23 02.95	099 00.36	16.17	S07 02.70	12.59	54.52
02	110 36.14	254 34.87	S11 36.37	255 55.06	S12 59.05	329 55.82	N16 05.80	024 50.97	N22 03.64	211 38.04	S23 03.14	113 35.53	16.21	S06 50.11	12.61	54.51
03	125 38.61	269 35.70	S11 36.66	270 55.97	S12 59.59	344 58.35	N16 05.83	039 53.65	N22 03.64	226 37.75	S23 03.33	128 10.74	16.24	S06 37.50	12.63	54.49
04	140 41.07	284 36.52	S11 36.96	285 56.88	S13 00.13	000 00.87	N16 05.86	054 56.34	N22 03.64	241 37.46	S23 03.53	142 45.98	16.28	S06 24.87	12.65	54.48
05	155 43.53	299 37.35	S11 37.25	300 57.79	S13 00.67	015 03.39	N16 05.89	069 59.02	N22 03.64	256 37.17	S23 03.72	157 21.26	16.31	S06 12.23	12.66	54.46
06	170 46.00	314 38.17	S11 37.55	315 58.70	S13 01.21	030 05.92	N16 05.92	085 01.71	N22 03.63	271 36.88	S23 03.91	171 56.57	16.35	S05 59.56	12.68	54.45
07	185 48.46	329 38.98	S11 37.85	330 59.61	S13 01.75	045 08.44	N16 05.95	100 04.39	N22 03.63	286 36.59	S23 04.10	186 31.92	16.38	S05 46.88	12.69	54.44
08	200 50.93	344 39.80	S11 38.15	346 00.52	S13 02.29	060 10.97	N16 05.98	115 07.08	N22 03.63	301 36.30	S23 04.29	201 07.30	16.41	S05 34.19	12.71	54.42
09	215 53.39	359 40.61	S11 38.45	001 01.43	S13 02.83	075 13.49	N16 06.01	130 09.76	N22 03.62	316 36.01	S23 04.48	215 42.71	16.44	S05 21.48	12.72	54.41
10	230 55.85	014 41.43	S11 38.75	016 02.34	S13 03.37	090 16.02	N16 06.03	145 12.45	N22 03.62	331 35.72	S23 04.66	230 18.15	16.47	S05 08.75	12.74	54.40
11	245 58.32	029 42.24	S11 39.05	031 03.25	S13 03.91	105 18.54	N16 06.06	160 15.13	N22 03.62	346 35.42	S23 04.85	244 53.63	16.50	S04 56.02	12.75	54.39
12	261 00.78	044 43.04	S11 39.36	046 04.15	S13 04.45	120 21.07	N16 06.09	175 17.82	N22 03.62	001 35.13	S23 05.03	259 29.13	16.53	S04 43.27	12.76	54.37
13	276 03.25	059 43.85	S11 39.66	061 05.06	S13 04.99	135 23.59	N16 06.12	190 20.50	N22 03.61	016 34.84	S23 05.22	274 04.65	16.55	S04 30.50	12.77	54.36
14	291 05.71	074 44.65	S11 39.97	076 05.97	S13 05.53	150 26.12	N16 06.15	205 23.19	N22 03.61	031 34.55	S23 05.40	288 40.21	16.58	S04 17.73	12.78	54.35
15	306 08.18	089 45.46	S11 40.27	091 06.88	S13 06.07	165 28.65	N16 06.18	220 25.87	N22 03.61	046 34.26	S23 05.59	303 15.79	16.60	S04 04.95	12.80	54.34
16	321 10.64	104 46.26	S11 40.58	106 07.79	S13 06.61	180 31.18	N16 06.21	235 28.56	N22 03.61	061 33.97	S23 05.77	317 51.39	16.63	S03 52.15	12.80	54.33
17	336 13.10	119 47.05	S11 40.89	121 08.70	S13 07.15	195 33.70	N16 06.24	250 31.24	N22 03.60	076 33.67	S23 05.95	332 27.02	16.65	S03 39.35	12.81	54.32
18	351 15.57	134 47.85	S11 41.20	136 09.60	S13 07.68	210 36.23	N16 06.27	265 33.93	N22 03.60	091 33.38	S23 06.13	347 02.66	16.67	S03 26.53	12.82	54.31
19	006 18.03	149 48.65	S11 41.51	151 10.51	S13 08.22	225 38.76	N16 06.30	280 36.61	N22 03.60	106 33.09	S23 06.31	001 38.33	16.69	S03 13.71	12.83	54.30
20	021 20.50	164 49.44	S11 41.82	166 11.42	S13 08.76	240 41.29	N16 06.33	295 39.30	N22 03.59	121 32.80	S23 06.49	016 14.02	16.71	S03 00.88	12.84	54.29
21	036 22.96	179 50.23	S11 42.13	181 12.33	S13 09.30	255 43.82	N16 06.36	310 41.98	N22 03.59	136 32.51	S23 06.67	030 49.73	16.72	S02 48.04	12.84	54.28
22	051 25.42	194 51.02	S11 42.45	196 13.24	S13 09.84	270 46.35	N16 06.39	325 44.67	N22 03.59	151 32.21	S23 06.85	045 25.45	16.74	S02 35.20	12.85	54.27
23	066 27.89	209 51.80	S11 42.76	211 14.14	S13 10.37	285 48.88	N16 06.42	340 47.35	N22 03.59	166 31.92	S23 07.03	060 01.19	16.76	S02 22.35	12.85	54.27
		v 0.83	d 0.29	v 0.91	d 0.54	v 2.52	d 0.03	v 2.68	d 0.00	v -0.29	d 0.19	SD	14.92	14.82		
		HP 0.33		HP 0.07						SD 16.24	HP 0.15					

Friday December 13, 2002 through Saturday December 14, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
13 00	081 30.35	224 52.59	S11 43.08	226 15.05	S13 10.91	300 51.41	N16 06.45	355 50.04	N22 03.58	181 31.63	S23 07.20	074 36.95	16.77	S02 09.50	12.86	54.26
01	096 32.82	239 53.37	S11 43.39	241 15.96	S13 11.45	315 53.94	N16 06.48	010 52.72	N22 03.58	196 31.33	S23 07.38	089 12.72	16.78	S01 56.64	12.86	54.25
02	111 35.28	254 54.15	S11 43.71	256 16.86	S13 11.99	330 56.47	N16 06.51	025 55.41	N22 03.58	211 31.04	S23 07.55	103 48.50	16.80	S01 43.78	12.87	54.24
03	126 37.74	269 54.93	S11 44.03	271 17.77	S13 12.52	345 59.00	N16 06.54	040 58.09	N22 03.58	226 30.75	S23 07.73	118 24.30	16.81	S01 30.91	12.87	54.24
04	141 40.21	284 55.71	S11 44.35	286 18.68	S13 13.06	001 01.53	N16 06.58	056 00.78	N22 03.57	241 30.45	S23 07.90	133 00.11	16.82	S01 18.04	12.87	54.23
05	156 42.67	299 56.48	S11 44.67	301 19.59	S13 13.60	016 04.06	N16 06.61	071 03.46	N22 03.57	256 30.16	S23 08.07	147 35.92	16.83	S01 05.17	12.87	54.22
06	171 45.14	314 57.26	S11 44.99	316 20.49	S13 14.13	031 06.60	N16 06.64	086 06.15	N22 03.57	271 29.87	S23 08.24	162 11.75	16.83	S00 52.30	12.87	54.22
07	186 47.60	329 58.03	S11 45.31	331 21.40	S13 14.67	046 09.13	N16 06.67	101 08.83	N22 03.56	286 29.57	S23 08.41	176 47.58	16.84	S00 39.43	12.87	54.21
08	201 50.06	344 58.80	S11 45.64	346 22.30	S13 15.21	061 11.66	N16 06.70	116 11.52	N22 03.56	301 29.28	S23 08.58	191 23.42	16.85	S00 26.55	12.87	54.20
09	216 52.53	359 59.56	S11 45.96	001 23.21	S13 15.74	076 14.20	N16 06.73	131 14.20	N22 03.56	316 28.98	S23 08.75	205 59.27	16.85	S00 13.68	12.87	54.20
10	231 54.99	015 00.33	S11 46.29	016 24.12	S13 16.28	091 16.73	N16 06.76	146 16.89	N22 03.56	331 28.69	S23 08.92	220 35.12	16.85	S00 00.81	12.87	54.19
11	246 57.46	030 01.09	S11 46.61	031 25.02	S13 16.81	106 19.26	N16 06.80	161 19.57	N22 03.55	346 28.40	S23 09.09	235 10.97	16.86	N00 12.06	12.87	54.19
12	261 59.92	045 01.85	S11 46.94	046 25.93	S13 17.35	121 21.80	N16 06.83	176 22.26	N22 03.55	001 28.10	S23 09.26	249 46.83	16.86	N00 24.93	12.86	54.18
13	277 02.39	060 02.61	S11 47.27	061 26.83	S13 17.88	136 24.33	N16 06.86	191 24.95	N22 03.55	016 27.81	S23 09.42	264 22.68	16.86	N00 37.79	12.86	54.18
14	292 04.85	075 03.37	S11 47.60	076 27.74	S13 18.42	151 26.87	N16 06.89	206 27.63	N22 03.54	031 27.51	S23 09.59	278 58.54	16.86	N00 50.66	12.86	54.18
15	307 07.31	090 04.13	S11 47.93	091 28.65	S13 18.95	166 29.40	N16 06.92	221 30.32	N22 03.54	046 27.22	S23 09.75	293 34.40	16.86	N01 03.51	12.85	54.17
16	322 09.78	105 04.88	S11 48.26	106 29.55	S13 19.49	181 31.94	N16 06.96	236 33.00	N22 03.54	061 26.92	S23 09.92	308 10.25	16.85	N01 16.36	12.85	54.17
17	337 12.24	120 05.63	S11 48.59	121 30.46	S13 20.02	196 34.47	N16 06.99	251 35.69	N22 03.54	076 26.63	S23 10.08	322 46.11	16.85	N01 29.21	12.84	54.17
18	352 14.71	135 06.38	S11 48.92	136 31.36	S13 20.56	211 37.01	N16 07.02	266 38.37	N22 03.53	091 26.33	S23 10.24	337 21.95	16.84	N01 42.05	12.83	54.16
19	007 17.17	150 07.13	S11 49.26	151 32.27	S13 21.09	226 39.55	N16 07.05	281 41.06	N22 03.53	106 26.04	S23 10.40	351 57.80	16.84	N01 54.89	12.83	54.16
20	022 19.63	165 07.88	S11 49.59	166 33.17	S13 21.63	241 42.08	N16 07.09	296 43.74	N22 03.53	121 25.74	S23 10.56	006 33.64	16.83	N02 07.71	12.82	54.16
21	037 22.10	180 08.62	S11 49.93	181 34.08	S13 22.16	256 44.62	N16 07.12	311 46.43	N22 03.53	136 25.45	S23 10.72	021 09.47	16.82	N02 20.53	12.81	54.16
22	052 24.56	195 09.37	S11 50.26	196 34.98	S13 22.70	271 47.16	N16 07.15	326 49.12	N22 03.52	151 25.15	S23 10.88	035 45.29	16.81	N02 33.34	12.80	54.15
23	067 27.03	210 10.11	S11 50.60	211 35.89	S13 23.23	286 49.70	N16 07.18	341 51.80	N22 03.52	166 24.85	S23 11.04	050 21.10	16.80	N02 46.15	12.79	54.15
14 00	082 29.49	225 10.85	S11 50.94	226 36.79	S13 23.76	301 52.23	N16 07.22	356 54.49	N22 03.52	181 24.56	S23 11.19	064 56.90	16.79	N02 58.94	12.78	54.15
01	097 31.95	240 11.58	S11 51.28	241 37.69	S13 24.30	316 54.77	N16 07.25	011 57.17	N22 03.51	196 24.26	S23 11.35	079 32.70	16.78	N03 11.72	12.77	54.15
02	112 34.42	255 12.32	S11 51.62	256 38.60	S13 24.83	331 57.31	N16 07.28	026 59.86	N22 03.51	211 23.96	S23 11.51	094 08.48	16.77	N03 24.49	12.76	54.15
03	127 36.88	270 13.05	S11 51.96	271 39.50	S13 25.36	346 59.85	N16 07.32	042 02.54	N22 03.51	226 23.67	S23 11.66	108 44.24	16.75	N03 37.25	12.75	54.15
04	142 39.35	285 13.78	S11 52.30	286 40.41	S13 25.90	002 02.39	N16 07.35	057 05.23	N22 03.51	241 23.37	S23 11.81	123 19.99	16.74	N03 49.99	12.73	54.15
05	157 41.81	300 14.51	S11 52.65	301 41.31	S13 26.43	017 04.93	N16 07.38	072 07.92	N22 03.50	256 23.08	S23 11.97	137 55.73	16.72	N04 02.73	12.72	54.15
06	172 44.27	315 15.24	S11 52.99	316 42.21	S13 26.96	032 07.47	N16 07.42	087 10.60	N22 03.50	271 22.78	S23 12.12	152 31.45	16.70	N04 15.45	12.71	54.15
07	187 46.74	330 15.97	S11 53.33	331 43.12	S13 27.49	047 10.01	N16 07.45	102 13.29	N22 03.50	286 22.48	S23 12.27	167 07.15	16.68	N04 28.15	12.69	54.15
08	202 49.20	345 16.69	S11 53.68	346 44.02	S13 28.03	062 12.55	N16 07.48	117 15.97	N22 03.50	301 22.18	S23 12.42	181 42.84	16.66	N04 40.85	12.68	54.15
09	217 51.67	000 17.41	S11 54.03	001 44.92	S13 28.56	077 15.09	N16 07.52	132 18.66	N22 03.49	316 21.89	S23 12.57	196 18.50	16.64	N04 53.52	12.66	54.16
10	232 54.13	015 18.13	S11 54.37	016 45.83	S13 29.09	092 17.63	N16 07.55	147 21.35	N22 03.49	331 21.59	S23 12.72	210 54.15	16.62	N05 06.18	12.64	54.16
11	247 56.60	030 18.85	S11 54.72	031 46.73	S13 29.62	107 20.18	N16 07.59	162 24.03	N22 03.49	346 21.29	S23 12.87	225 29.77	16.60	N05 18.82	12.63	54.16
12	262 59.06	045 19.57	S11 55.07	046 47.63	S13 30.16	122 22.72	N16 07.62	177 26.72	N22 03.48	001 20.99	S23 13.02	240 05.37	16.58	N05 31.45	12.61	54.16
13	278 01.52	060 20.28	S11 55.42	061 48.54	S13 30.69	137 25.26	N16 07.66	192 29.40	N22 03.48	016 20.70	S23 13.16	254 40.95	16.55	N05 44.06	12.59	54.16
14	293 03.99	075 21.00	S11 55.77	076 49.44	S13 31.22	152 27.80	N16 07.69	207 32.09	N22 03.48	031 20.40	S23 13.31	269 16.50	16.53	N05 56.64	12.57	54.17
15	308 06.45	090 21.71	S11 56.13	091 50.34	S13 31.75	167 30.35	N16 07.72	222 34.77	N22 03.48	046 20.10	S23 13.45	283 52.03	16.50	N06 09.21	12.55	54.17
16	323 08.92	105 22.42	S11 56.48	106 51.24	S13 32.28	182 32.89	N16 07.76	237 37.46	N22 03.47	061 19.80	S23 13.60	298 27.53	16.47	N06 21.76	12.53	54.17
17	338 11.38	120 23.12	S11 56.83	121 52.15	S13 32.81	197 35.43	N16 07.79	252 40.15	N22 03.47	076 19.51	S23 13.74	313 03.00	16.44	N06 34.29	12.51	54.18
18	353 13.84	135 23.83	S11 57.19	136 53.05	S13 33.34	212 37.98	N16 07.83	267 42.83	N22 03.47	091 19.21	S23 13.88	327 38.44	16.42	N06 46.79	12.48	54.18
19	008 16.31	150 24.53	S11 57.54	151 53.95	S13 33.87	227 40.52	N16 07.86	282 45.52	N22 03.46	106 18.91	S23 14.03	342 13.86	16.38	N06 59.28	12.46	54.18
20	023 18.77	165 25.23	S11 57.90	166 54.85	S13 34.40	242 43.07	N16 07.90	297 48.20	N22 03.46	121 18.61	S23 14.17	356 49.24	16.35	N07 11.74	12.44	54.19
21	038 21.24	180 25.94	S11 58.26	181 55.75	S13 34.93	257 45.61	N16 07.93	312 50.89	N22 03.46	136 18.31	S23 14.31	011 24.60	16.32	N07 24.18	12.41	54.19
22	053 23.70	195 26.63	S11 58.62	196 56.66	S13 35.46	272 48.16	N16 07.97	327 53.58	N22 03.46	151 18.01	S23 14.45	025 59.92	16.29	N07 36.59	12.39	54.20
23	068 26.16	210 27.33	S11 58.97	211 57.56	S13 35.99	287 50.71	N16 08.00	342 56.26	N22 03.45	166 17.71	S23 14.59	040 35.21	16.25	N07 48.98	12.36	54.20
		v 0.74	d 0.34	v 0.90	d 0.53	v 2.54	d 0.03	v 2.69	d 0.00	v -0.30	d 0.16	SD	14.76	14.76		
		HP 0.32		HP 0.07						SD 16.25	HP 0.15					

Sunday December 15, 2002 through Monday December 16, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
15 00	083 28.63	225 28.02	S11 59.33	226 58.46	S13 36.52	302 53.25	N16 08.04	357 58.95	N22 03.45	181 17.42	S23 14.72	055 10.46	16.22	N08 01.34	12.34	54.21
01	098 31.09	240 28.72	S11 59.70	241 59.36	S13 37.05	317 55.80	N16 08.08	013 01.63	N22 03.45	196 17.12	S23 14.86	069 45.68	16.18	N08 13.68	12.31	54.21
02	113 33.56	255 29.41	S12 00.06	257 00.26	S13 37.58	332 58.34	N16 08.11	028 04.32	N22 03.45	211 16.82	S23 15.00	084 20.86	16.14	N08 25.99	12.28	54.22
03	128 36.02	270 30.10	S12 00.42	272 01.16	S13 38.11	348 00.89	N16 08.15	043 07.01	N22 03.44	226 16.52	S23 15.13	098 56.00	16.11	N08 38.27	12.25	54.22
04	143 38.48	285 30.79	S12 00.78	287 02.06	S13 38.64	003 03.44	N16 08.18	058 09.69	N22 03.44	241 16.22	S23 15.27	113 31.11	16.07	N08 50.52	12.22	54.23
05	158 40.95	300 31.47	S12 01.15	302 02.96	S13 39.17	018 05.99	N16 08.22	073 12.38	N22 03.44	256 15.92	S23 15.40	128 06.17	16.03	N09 02.75	12.19	54.24
06	173 43.41	315 32.15	S12 01.51	317 03.86	S13 39.70	033 08.54	N16 08.25	088 15.07	N22 03.43	271 15.62	S23 15.53	142 41.20	15.99	N09 14.94	12.16	54.24
07	188 45.88	330 32.84	S12 01.88	332 04.76	S13 40.23	048 11.08	N16 08.29	103 17.75	N22 03.43	286 15.32	S23 15.67	157 16.19	15.94	N09 27.10	12.13	54.25
08	203 48.34	345 33.52	S12 02.25	347 05.67	S13 40.76	063 13.63	N16 08.33	118 20.44	N22 03.43	301 15.02	S23 15.80	171 51.13	15.90	N09 39.24	12.10	54.26
09	218 50.81	000 34.20	S12 02.61	002 06.57	S13 41.28	078 16.18	N16 08.36	133 23.12	N22 03.43	316 14.72	S23 15.93	186 26.03	15.86	N09 51.33	12.07	54.27
10	233 53.27	015 34.87	S12 02.98	017 07.47	S13 41.81	093 18.73	N16 08.40	148 25.81	N22 03.42	331 14.42	S23 16.06	201 00.89	15.81	N10 03.40	12.03	54.27
11	248 55.73	030 35.55	S12 03.35	032 08.37	S13 42.34	108 21.28	N16 08.44	163 28.50	N22 03.42	346 14.12	S23 16.19	215 35.70	15.77	N10 15.43	12.00	54.28
12	263 58.20	045 36.22	S12 03.72	047 09.27	S13 42.87	123 23.83	N16 08.47	178 31.18	N22 03.42	001 13.82	S23 16.31	230 10.47	15.72	N10 27.43	11.96	54.29
13	279 00.66	060 36.89	S12 04.09	062 10.17	S13 43.40	138 26.38	N16 08.51	193 33.87	N22 03.42	016 13.52	S23 16.44	244 45.19	15.67	N10 39.39	11.93	54.30
14	294 03.13	075 37.56	S12 04.46	077 11.07	S13 43.92	153 28.93	N16 08.55	208 36.56	N22 03.41	031 13.22	S23 16.57	259 19.86	15.62	N10 51.32	11.89	54.31
15	309 05.59	090 38.23	S12 04.84	092 11.96	S13 44.45	168 31.49	N16 08.58	223 39.24	N22 03.41	046 12.92	S23 16.69	273 54.48	15.57	N11 03.21	11.85	54.32
16	324 08.05	105 38.89	S12 05.21	107 12.86	S13 44.98	183 34.04	N16 08.62	238 41.93	N22 03.41	061 12.62	S23 16.82	288 29.06	15.52	N11 15.06	11.81	54.32
17	339 10.52	120 39.56	S12 05.59	122 13.76	S13 45.51	198 36.59	N16 08.66	253 44.61	N22 03.40	076 12.32	S23 16.94	303 03.58	15.47	N11 26.88	11.77	54.33
18	354 12.98	135 40.22	S12 05.96	137 14.66	S13 46.03	213 39.14	N16 08.70	268 47.30	N22 03.40	091 12.02	S23 17.07	317 38.06	15.42	N11 38.65	11.73	54.34
19	009 15.45	150 40.88	S12 06.34	152 15.56	S13 46.56	228 41.69	N16 08.73	283 49.99	N22 03.40	106 11.72	S23 17.19	332 12.48	15.37	N11 50.39	11.69	54.35
20	024 17.91	165 41.54	S12 06.71	167 16.46	S13 47.09	243 44.25	N16 08.77	298 52.67	N22 03.40	121 11.41	S23 17.31	346 46.85	15.32	N12 02.08	11.65	54.36
21	039 20.37	180 42.20	S12 07.09	182 17.36	S13 47.61	258 46.80	N16 08.81	313 55.36	N22 03.39	136 11.11	S23 17.43	001 21.16	15.26	N12 13.73	11.61	54.37
22	054 22.84	195 42.85	S12 07.47	197 18.26	S13 48.14	273 49.35	N16 08.85	328 58.05	N22 03.39	151 10.81	S23 17.55	015 55.43	15.21	N12 25.34	11.57	54.38
23	069 25.30	210 43.51	S12 07.85	212 19.16	S13 48.66	288 51.91	N16 08.88	344 00.73	N22 03.39	166 10.51	S23 17.67	030 29.63	15.15	N12 36.91	11.52	54.39
16 00	084 27.77	225 44.16	S12 08.23	227 20.06	S13 49.19	303 54.46	N16 08.92	359 03.42	N22 03.38	181 10.21	S23 17.79	045 03.78	15.09	N12 48.43	11.48	54.40
01	099 30.23	240 44.81	S12 08.61	242 20.95	S13 49.72	318 57.02	N16 08.96	014 06.10	N22 03.38	196 09.91	S23 17.91	059 37.87	15.04	N12 59.91	11.43	54.42
02	114 32.70	255 45.46	S12 08.99	257 21.85	S13 50.24	333 59.57	N16 09.00	029 08.79	N22 03.38	211 09.61	S23 18.02	074 11.91	14.98	N13 11.34	11.38	54.43
03	129 35.16	270 46.10	S12 09.38	272 22.75	S13 50.77	349 02.13	N16 09.04	044 11.48	N22 03.38	226 09.30	S23 18.14	088 45.89	14.92	N13 22.72	11.34	54.44
04	144 37.62	285 46.75	S12 09.76	287 23.65	S13 51.29	004 04.68	N16 09.07	059 14.16	N22 03.37	241 09.00	S23 18.25	103 19.80	14.86	N13 34.06	11.29	54.45
05	159 40.09	300 47.39	S12 10.14	302 24.55	S13 51.82	019 07.24	N16 09.11	074 16.85	N22 03.37	256 08.70	S23 18.37	117 53.66	14.80	N13 45.35	11.24	54.46
06	174 42.55	315 48.03	S12 10.53	317 25.44	S13 52.34	034 09.79	N16 09.15	089 19.54	N22 03.37	271 08.40	S23 18.48	132 27.46	14.73	N13 56.59	11.19	54.47
07	189 45.02	330 48.67	S12 10.92	332 26.34	S13 52.87	049 12.35	N16 09.19	104 22.22	N22 03.37	286 08.10	S23 18.59	147 01.19	14.67	N14 07.78	11.14	54.48
08	204 47.48	345 49.31	S12 11.30	347 27.24	S13 53.39	064 14.91	N16 09.23	119 24.91	N22 03.36	301 07.79	S23 18.71	161 34.86	14.61	N14 18.92	11.09	54.50
09	219 49.94	000 49.94	S12 11.69	002 28.14	S13 53.92	079 17.46	N16 09.27	134 27.60	N22 03.36	316 07.49	S23 18.82	176 08.47	14.54	N14 30.00	11.03	54.51
10	234 52.41	015 50.58	S12 12.08	017 29.03	S13 54.44	094 20.02	N16 09.31	149 30.28	N22 03.36	331 07.19	S23 18.93	190 42.01	14.48	N14 41.04	10.98	54.52
11	249 54.87	030 51.21	S12 12.47	032 29.93	S13 54.96	109 22.58	N16 09.35	164 32.97	N22 03.35	346 06.89	S23 19.04	205 15.49	14.41	N14 52.02	10.92	54.54
12	264 57.34	045 51.84	S12 12.86	047 30.83	S13 55.49	124 25.14	N16 09.38	179 35.66	N22 03.35	001 06.58	S23 19.15	219 48.91	14.35	N15 02.94	10.87	54.55
13	279 59.80	060 52.47	S12 13.25	062 31.72	S13 56.01	139 27.70	N16 09.42	194 38.34	N22 03.35	016 06.28	S23 19.25	234 22.26	14.28	N15 13.81	10.81	54.56
14	295 02.27	075 53.10	S12 13.64	077 32.62	S13 56.54	154 30.26	N16 09.46	209 41.03	N22 03.35	031 05.98	S23 19.36	248 55.54	14.21	N15 24.62	10.76	54.58
15	310 04.73	090 53.72	S12 14.03	092 33.52	S13 57.06	169 32.81	N16 09.50	224 43.71	N22 03.34	046 05.68	S23 19.47	263 28.75	14.15	N15 35.38	10.70	54.59
16	325 07.19	105 54.35	S12 14.42	107 34.41	S13 57.58	184 35.37	N16 09.54	239 46.40	N22 03.34	061 05.37	S23 19.57	278 01.90	14.08	N15 46.07	10.64	54.60
17	340 09.66	120 54.97	S12 14.82	122 35.31	S13 58.10	199 37.93	N16 09.58	254 49.09	N22 03.34	076 05.07	S23 19.68	292 34.98	14.01	N15 56.71	10.58	54.62
18	355 12.12	135 55.59	S12 15.21	137 36.21	S13 58.63	214 40.49	N16 09.62	269 51.77	N22 03.33	091 04.77	S23 19.78	307 07.98	13.94	N16 07.29	10.52	54.63
19	010 14.59	150 56.21	S12 15.61	152 37.10	S13 59.15	229 43.05	N16 09.66	284 54.46	N22 03.33	106 04.46	S23 19.89	321 40.92	13.87	N16 17.80	10.45	54.64
20	025 17.05	165 56.82	S12 16.00	167 38.00	S13 59.67	244 45.62	N16 09.70	299 57.15	N22 03.33	121 04.16	S23 19.99	336 13.79	13.80	N16 28.26	10.39	54.66
21	040 19.51	180 57.44	S12 16.40	182 38.89	S14 00.20	259 48.18	N16 09.74	314 59.83	N22 03.33	136 03.86	S23 20.09	350 46.58	13.72	N16 38.65	10.33	54.67
22	055 21.98	195 58.05	S12 16.80	197 39.79	S14 00.72	274 50.74	N16 09.78	330 02.52	N22 03.32	151 03.55	S23 20.19	005 19.31	13.65	N16 48.97	10.26	54.69
23	070 24.44	210 58.67	S12 17.20	212 40.68	S14 01.24	289 53.30	N16 09.82	345 05.21	N22 03.32	166 03.25	S23 20.29	019 51.96	13.58	N16 59.24	10.20	54.70
		v 0.65	d 0.38	v 0.90	d 0.53	v 2.55	d 0.04	v 2.69	d 0.00	v -0.30	d 0.12	SD	14.79	14.86		
		HP 0.31		HP 0.07						SD 16.25	HP 0.15					

Tuesday December 17, 2002 through Wednesday December 18, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
17 00	085 26.91	225 59.28	S12 17.60	227 41.58	S14 01.76	304 55.86	N16 09.86	000 07.89	N22 03.32	181 02.95	S23 20.39	034 24.54	13.50	N17 09.43	10.13	54.72
01	100 29.37	240 59.88	S12 18.00	242 42.47	S14 02.28	319 58.43	N16 09.90	015 10.58	N22 03.32	196 02.64	S23 20.49	048 57.04	13.43	N17 19.56	10.06	54.73
02	115 31.83	256 00.49	S12 18.40	257 43.37	S14 02.80	335 00.99	N16 09.94	030 13.27	N22 03.31	211 02.34	S23 20.58	063 29.47	13.36	N17 29.62	09.99	54.75
03	130 34.30	271 01.10	S12 18.80	272 44.26	S14 03.33	350 03.55	N16 09.98	045 15.95	N22 03.31	226 02.04	S23 20.68	078 01.83	13.28	N17 39.61	09.92	54.76
04	145 36.76	286 01.70	S12 19.20	287 45.16	S14 03.85	005 06.11	N16 10.02	060 18.64	N22 03.31	241 01.73	S23 20.78	092 34.11	13.20	N17 49.53	09.85	54.78
05	160 39.23	301 02.30	S12 19.60	302 46.05	S14 04.37	020 08.68	N16 10.06	075 21.33	N22 03.30	256 01.43	S23 20.87	107 06.31	13.13	N17 59.38	09.78	54.80
06	175 41.69	316 02.90	S12 20.01	317 46.95	S14 04.89	035 11.24	N16 10.11	090 24.01	N22 03.30	271 01.12	S23 20.97	121 38.44	13.05	N18 09.16	09.70	54.81
07	190 44.16	331 03.50	S12 20.41	332 47.84	S14 05.41	050 13.81	N16 10.15	105 26.70	N22 03.30	286 00.82	S23 21.06	136 10.49	12.98	N18 18.86	09.63	54.83
08	205 46.62	346 04.09	S12 20.82	347 48.74	S14 05.93	065 16.37	N16 10.19	120 29.39	N22 03.30	301 00.51	S23 21.15	150 42.47	12.90	N18 28.49	09.56	54.84
09	220 49.08	001 04.69	S12 21.22	002 49.63	S14 06.45	080 18.94	N16 10.23	135 32.07	N22 03.29	316 00.21	S23 21.24	165 14.36	12.82	N18 38.05	09.48	54.86
10	235 51.55	016 05.28	S12 21.63	017 50.53	S14 06.97	095 21.50	N16 10.27	150 34.76	N22 03.29	330 59.91	S23 21.33	179 46.18	12.74	N18 47.53	09.40	54.88
11	250 54.01	031 05.87	S12 22.04	032 51.42	S14 07.49	110 24.07	N16 10.31	165 37.44	N22 03.29	345 59.60	S23 21.42	194 17.93	12.66	N18 56.93	09.32	54.89
12	265 56.48	046 06.46	S12 22.45	047 52.31	S14 08.01	125 26.63	N16 10.35	180 40.13	N22 03.28	000 59.30	S23 21.51	208 49.59	12.58	N19 06.25	09.24	54.91
13	280 58.94	061 07.05	S12 22.86	062 53.21	S14 08.53	140 29.20	N16 10.40	195 42.82	N22 03.28	015 58.99	S23 21.60	223 21.17	12.51	N19 15.49	09.16	54.93
14	296 01.40	076 07.64	S12 23.27	077 54.10	S14 09.05	155 31.77	N16 10.44	210 45.50	N22 03.28	030 58.69	S23 21.69	237 52.68	12.43	N19 24.66	09.08	54.95
15	311 03.87	091 08.22	S12 23.68	092 54.99	S14 09.57	170 34.33	N16 10.48	225 48.19	N22 03.28	045 58.38	S23 21.78	252 24.11	12.35	N19 33.74	09.00	54.96
16	326 06.33	106 08.80	S12 24.09	107 55.89	S14 10.09	185 36.90	N16 10.52	240 50.88	N22 03.27	060 58.08	S23 21.86	266 55.45	12.27	N19 42.74	08.92	54.98
17	341 08.80	121 09.39	S12 24.50	122 56.78	S14 10.61	200 39.47	N16 10.56	255 53.56	N22 03.27	075 57.77	S23 21.95	281 26.72	12.19	N19 51.66	08.83	55.00
18	356 11.26	136 09.97	S12 24.91	137 57.67	S14 11.13	215 42.04	N16 10.60	270 56.25	N22 03.27	090 57.47	S23 22.03	295 57.90	12.11	N20 00.49	08.75	55.01
19	011 13.73	151 10.54	S12 25.32	152 58.57	S14 11.65	230 44.61	N16 10.65	285 58.94	N22 03.27	105 57.16	S23 22.12	310 29.01	12.03	N20 09.23	08.66	55.03
20	026 16.19	166 11.12	S12 25.74	167 59.46	S14 12.16	245 47.18	N16 10.69	301 01.62	N22 03.26	120 56.86	S23 22.20	325 00.04	11.94	N20 17.89	08.57	55.05
21	041 18.65	181 11.69	S12 26.15	183 00.35	S14 12.68	260 49.74	N16 10.73	316 04.31	N22 03.26	135 56.55	S23 22.28	339 30.98	11.86	N20 26.46	08.48	55.07
22	056 21.12	196 12.27	S12 26.57	198 01.25	S14 13.20	275 52.31	N16 10.77	331 07.00	N22 03.26	150 56.25	S23 22.36	354 01.84	11.78	N20 34.95	08.39	55.09
23	071 23.58	211 12.84	S12 26.99	213 02.14	S14 13.72	290 54.88	N16 10.82	346 09.68	N22 03.25	165 55.94	S23 22.44	008 32.63	11.70	N20 43.34	08.30	55.10
18 00	086 26.05	226 13.41	S12 27.40	228 03.03	S14 14.24	305 57.45	N16 10.86	001 12.37	N22 03.25	180 55.63	S23 22.52	023 03.33	11.62	N20 51.64	08.21	55.12
01	101 28.51	241 13.98	S12 27.82	243 03.92	S14 14.75	321 00.02	N16 10.90	016 15.06	N22 03.25	195 55.33	S23 22.60	037 33.95	11.54	N20 59.85	08.12	55.14
02	116 30.97	256 14.54	S12 28.24	258 04.81	S14 15.27	336 02.60	N16 10.95	031 17.74	N22 03.25	210 55.02	S23 22.68	052 04.49	11.46	N21 07.97	08.02	55.16
03	131 33.44	271 15.11	S12 28.66	273 05.71	S14 15.79	351 05.17	N16 10.99	046 20.43	N22 03.24	225 54.72	S23 22.76	066 34.94	11.38	N21 15.99	07.93	55.18
04	146 35.90	286 15.67	S12 29.08	288 06.60	S14 16.31	006 07.74	N16 11.03	061 23.12	N22 03.24	240 54.41	S23 22.83	081 05.32	11.30	N21 23.91	07.83	55.20
05	161 38.37	301 16.23	S12 29.50	303 07.49	S14 16.82	021 10.31	N16 11.07	076 25.80	N22 03.24	255 54.11	S23 22.91	095 35.62	11.21	N21 31.74	07.73	55.22
06	176 40.83	316 16.79	S12 29.92	318 08.38	S14 17.34	036 12.88	N16 11.12	091 28.49	N22 03.24	270 53.80	S23 22.98	110 05.83	11.13	N21 39.48	07.63	55.23
07	191 43.30	331 17.35	S12 30.34	333 09.27	S14 17.86	051 15.45	N16 11.16	106 31.17	N22 03.23	285 53.49	S23 23.06	124 35.96	11.05	N21 47.11	07.53	55.25
08	206 45.76	346 17.90	S12 30.76	348 10.16	S14 18.37	066 18.03	N16 11.21	121 33.86	N22 03.23	300 53.19	S23 23.13	139 06.02	10.97	N21 54.65	07.43	55.27
09	221 48.22	001 18.46	S12 31.19	003 11.06	S14 18.89	081 20.60	N16 11.25	136 36.55	N22 03.23	315 52.88	S23 23.20	153 35.99	10.89	N22 02.08	07.33	55.29
10	236 50.69	016 19.01	S12 31.61	018 11.95	S14 19.41	096 23.17	N16 11.29	151 39.23	N22 03.22	330 52.58	S23 23.27	168 05.88	10.81	N22 09.41	07.23	55.31
11	251 53.15	031 19.56	S12 32.04	033 12.84	S14 19.92	111 25.75	N16 11.34	166 41.92	N22 03.22	345 52.27	S23 23.34	182 35.69	10.73	N22 16.64	07.13	55.33
12	266 55.62	046 20.11	S12 32.46	048 13.73	S14 20.44	126 28.32	N16 11.38	181 44.61	N22 03.22	000 51.96	S23 23.41	197 05.42	10.65	N22 23.77	07.02	55.35
13	281 58.08	061 20.66	S12 32.89	063 14.62	S14 20.95	141 30.90	N16 11.42	196 47.29	N22 03.22	015 51.66	S23 23.48	211 35.07	10.57	N22 30.79	06.91	55.37
14	297 00.55	076 21.21	S12 33.31	078 15.51	S14 21.47	156 33.47	N16 11.47	211 49.98	N22 03.21	030 51.35	S23 23.55	226 04.64	10.49	N22 37.70	06.81	55.39
15	312 03.01	091 21.75	S12 33.74	093 16.40	S14 21.99	171 36.04	N16 11.51	226 52.67	N22 03.21	045 51.04	S23 23.62	240 34.13	10.41	N22 44.51	06.70	55.41
16	327 05.47	106 22.30	S12 34.17	108 17.29	S14 22.50	186 38.62	N16 11.56	241 55.35	N22 03.21	060 50.74	S23 23.68	255 03.55	10.33	N22 51.21	06.59	55.43
17	342 07.94	121 22.84	S12 34.60	123 18.18	S14 23.02	201 41.20	N16 11.60	256 58.04	N22 03.20	075 50.43	S23 23.75	269 32.88	10.26	N22 57.80	06.48	55.45
18	357 10.40	136 23.38	S12 35.03	138 19.07	S14 23.53	216 43.77	N16 11.65	272 00.73	N22 03.20	090 50.12	S23 23.81	284 02.13	10.18	N23 04.28	06.37	55.47
19	012 12.87	151 23.92	S12 35.46	153 19.96	S14 24.04	231 46.35	N16 11.69	287 03.41	N22 03.20	105 49.82	S23 23.88	298 31.31	10.10	N23 10.65	06.26	55.49
20	027 15.33	166 24.45	S12 35.89	168 20.85	S14 24.56	246 48.92	N16 11.73	302 06.10	N22 03.20	120 49.51	S23 23.94	313 00.41	10.02	N23 16.90	06.14	55.51
21	042 17.79	181 24.99	S12 36.32	183 21.74	S14 25.07	261 51.50	N16 11.78	317 08.79	N22 03.19	135 49.20	S23 24.00	327 29.44	09.95	N23 23.05	06.03	55.53
22	057 20.26	196 25.52	S12 36.75	198 22.63	S14 25.59	276 54.08	N16 11.82	332 11.47	N22 03.19	150 48.90	S23 24.07	341 58.38	09.87	N23 29.08	05.91	55.55
23	072 22.72	211 26.05	S12 37.18	213 23.52	S14 26.10	291 56.66	N16 11.87	347 14.16	N22 03.19	165 48.59	S23 24.13	356 27.25	09.80	N23 34.99	05.80	55.57
		v 0.57	d 0.42	v 0.89	d 0.52	v 2.57	d 0.04	v 2.69	d 0.00	v -0.31	d 0.08	SD	14.96	15.08		
		HP 0.30		HP 0.07						SD 16.25	HP 0.15					

Thursday December 19, 2002 through Friday December 20, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
19 00	087 25.19	226 26.58	S12 37.62	228 24.41	S14 26.62	306 59.23	N16 11.91	002 16.84	N22 03.19	180 48.28	S23 24.19	010 56.05	09.72	N23 40.79	05.68	55.59
01	102 27.65	241 27.11	S12 38.05	243 25.30	S14 27.13	322 01.81	N16 11.96	017 19.53	N22 03.18	195 47.97	S23 24.25	025 24.77	09.65	N23 46.46	05.56	55.61
02	117 30.12	256 27.64	S12 38.49	258 26.18	S14 27.64	337 04.39	N16 12.01	032 22.22	N22 03.18	210 47.67	S23 24.30	039 53.42	09.57	N23 52.03	05.44	55.63
03	132 32.58	271 28.16	S12 38.92	273 27.07	S14 28.16	352 06.97	N16 12.05	047 24.90	N22 03.18	225 47.36	S23 24.36	054 21.99	09.50	N23 57.47	05.32	55.65
04	147 35.04	286 28.69	S12 39.36	288 27.96	S14 28.67	007 09.55	N16 12.10	062 27.59	N22 03.17	240 47.05	S23 24.42	068 50.49	09.43	N24 02.79	05.20	55.67
05	162 37.51	301 29.21	S12 39.79	303 28.85	S14 29.18	022 12.13	N16 12.14	077 30.28	N22 03.17	255 46.74	S23 24.48	083 18.92	09.36	N24 07.99	05.08	55.69
06	177 39.97	316 29.73	S12 40.23	318 29.74	S14 29.69	037 14.71	N16 12.19	092 32.96	N22 03.17	270 46.44	S23 24.53	097 47.28	09.29	N24 13.07	04.95	55.71
07	192 42.44	331 30.25	S12 40.67	333 30.63	S14 30.21	052 17.29	N16 12.23	107 35.65	N22 03.17	285 46.13	S23 24.58	112 15.57	09.22	N24 18.02	04.83	55.73
08	207 44.90	346 30.77	S12 41.11	348 31.52	S14 30.72	067 19.87	N16 12.28	122 38.34	N22 03.16	300 45.82	S23 24.64	126 43.78	09.15	N24 22.85	04.71	55.75
09	222 47.37	001 31.28	S12 41.55	003 32.40	S14 31.23	082 22.45	N16 12.33	137 41.02	N22 03.16	315 45.51	S23 24.69	141 11.93	09.08	N24 27.56	04.58	55.77
10	237 49.83	016 31.80	S12 41.99	018 33.29	S14 31.74	097 25.03	N16 12.37	152 43.71	N22 03.16	330 45.21	S23 24.74	155 40.01	09.01	N24 32.14	04.45	55.79
11	252 52.29	031 32.31	S12 42.43	033 34.18	S14 32.26	112 27.61	N16 12.42	167 46.39	N22 03.16	345 44.90	S23 24.79	170 08.03	08.95	N24 36.59	04.32	55.81
12	267 54.76	046 32.82	S12 42.87	048 35.07	S14 32.77	127 30.20	N16 12.46	182 49.08	N22 03.15	000 44.59	S23 24.84	184 35.97	08.88	N24 40.91	04.20	55.83
13	282 57.22	061 33.33	S12 43.31	063 35.95	S14 33.28	142 32.78	N16 12.51	197 51.77	N22 03.15	015 44.28	S23 24.89	199 03.86	08.82	N24 45.11	04.07	55.85
14	297 59.69	076 33.84	S12 43.75	078 36.84	S14 33.79	157 35.36	N16 12.56	212 54.45	N22 03.15	030 43.98	S23 24.94	213 31.67	08.75	N24 49.17	03.94	55.87
15	313 02.15	091 34.34	S12 44.20	093 37.73	S14 34.30	172 37.94	N16 12.60	227 57.14	N22 03.14	045 43.67	S23 24.99	227 59.43	08.69	N24 53.11	03.80	55.89
16	328 04.61	106 34.85	S12 44.64	108 38.62	S14 34.81	187 40.53	N16 12.65	242 59.83	N22 03.14	060 43.36	S23 25.04	242 27.12	08.63	N24 56.91	03.67	55.91
17	343 07.08	121 35.35	S12 45.08	123 39.50	S14 35.32	202 43.11	N16 12.70	258 02.51	N22 03.14	075 43.05	S23 25.08	256 54.75	08.57	N25 00.59	03.54	55.93
18	358 09.54	136 35.85	S12 45.53	138 40.39	S14 35.83	217 45.69	N16 12.74	273 05.20	N22 03.14	090 42.74	S23 25.13	271 22.32	08.51	N25 04.12	03.41	55.96
19	013 12.01	151 36.35	S12 45.97	153 41.28	S14 36.34	232 48.28	N16 12.79	288 07.88	N22 03.13	105 42.44	S23 25.17	285 49.83	08.45	N25 07.53	03.27	55.98
20	028 14.47	166 36.85	S12 46.42	168 42.16	S14 36.85	247 50.86	N16 12.84	303 10.57	N22 03.13	120 42.13	S23 25.22	300 17.29	08.40	N25 10.80	03.14	56.00
21	043 16.94	181 37.35	S12 46.87	183 43.05	S14 37.36	262 53.45	N16 12.88	318 13.26	N22 03.13	135 41.82	S23 25.26	314 44.68	08.34	N25 13.94	03.00	56.02
22	058 19.40	196 37.84	S12 47.32	198 43.94	S14 37.87	277 56.03	N16 12.93	333 15.94	N22 03.13	150 41.51	S23 25.30	329 12.03	08.29	N25 16.94	02.86	56.04
23	073 21.86	211 38.34	S12 47.76	213 44.82	S14 38.38	292 58.62	N16 12.98	348 18.63	N22 03.12	165 41.20	S23 25.34	343 39.31	08.23	N25 19.80	02.73	56.06
20 00	088 24.33	226 38.83	S12 48.21	228 45.71	S14 38.89	308 01.20	N16 13.03	003 21.32	N22 03.12	180 40.89	S23 25.38	358 06.55	08.18	N25 22.52	02.59	56.08
01	103 26.79	241 39.32	S12 48.66	243 46.59	S14 39.40	323 03.79	N16 13.07	018 24.00	N22 03.12	195 40.59	S23 25.42	012 33.73	08.13	N25 25.11	02.45	56.10
02	118 29.26	256 39.81	S12 49.11	258 47.48	S14 39.91	338 06.38	N16 13.12	033 26.69	N22 03.11	210 40.28	S23 25.46	027 00.86	08.08	N25 27.56	02.31	56.12
03	133 31.72	271 40.30	S12 49.56	273 48.37	S14 40.42	353 08.96	N16 13.17	048 29.37	N22 03.11	225 39.97	S23 25.50	041 27.94	08.03	N25 29.87	02.17	56.14
04	148 34.19	286 40.78	S12 50.01	288 49.25	S14 40.93	008 11.55	N16 13.22	063 32.06	N22 03.11	240 39.66	S23 25.54	055 54.98	07.99	N25 32.04	02.03	56.16
05	163 36.65	301 41.26	S12 50.46	303 50.14	S14 41.44	023 14.14	N16 13.27	078 34.75	N22 03.11	255 39.35	S23 25.57	070 21.97	07.94	N25 34.07	01.89	56.18
06	178 39.11	316 41.75	S12 50.92	318 51.02	S14 41.95	038 16.72	N16 13.31	093 37.43	N22 03.10	270 39.04	S23 25.61	084 48.91	07.90	N25 35.95	01.74	56.21
07	193 41.58	331 42.23	S12 51.37	333 51.91	S14 42.46	053 19.31	N16 13.36	108 40.12	N22 03.10	285 38.73	S23 25.64	099 15.81	07.86	N25 37.70	01.60	56.23
08	208 44.04	346 42.71	S12 51.82	348 52.79	S14 42.96	068 21.90	N16 13.41	123 42.80	N22 03.10	300 38.42	S23 25.68	113 42.67	07.82	N25 39.30	01.46	56.25
09	223 46.51	001 43.19	S12 52.28	003 53.68	S14 43.47	083 24.49	N16 13.46	138 45.49	N22 03.10	315 38.12	S23 25.71	128 09.48	07.78	N25 40.76	01.31	56.27
10	238 48.97	016 43.66	S12 52.73	018 54.56	S14 43.98	098 27.08	N16 13.51	153 48.18	N22 03.09	330 37.81	S23 25.74	142 36.26	07.74	N25 42.07	01.17	56.29
11	253 51.43	031 44.14	S12 53.19	033 55.45	S14 44.49	113 29.67	N16 13.56	168 50.86	N22 03.09	345 37.50	S23 25.78	157 02.99	07.70	N25 43.24	01.03	56.31
12	268 53.90	046 44.61	S12 53.64	048 56.33	S14 45.00	128 32.26	N16 13.60	183 53.55	N22 03.09	000 37.19	S23 25.81	171 29.70	07.67	N25 44.27	00.88	56.33
13	283 56.36	061 45.08	S12 54.10	063 57.21	S14 45.50	143 34.85	N16 13.65	198 56.23	N22 03.08	015 36.88	S23 25.84	185 56.36	07.63	N25 45.15	00.74	56.35
14	298 58.83	076 45.55	S12 54.56	078 58.10	S14 46.01	158 37.44	N16 13.70	213 58.92	N22 03.08	030 36.57	S23 25.87	200 22.99	07.60	N25 45.88	00.59	56.37
15	314 01.29	091 46.02	S12 55.01	093 58.98	S14 46.52	173 40.03	N16 13.75	229 01.61	N22 03.08	045 36.26	S23 25.89	214 49.59	07.57	N25 46.47	00.44	56.39
16	329 03.76	106 46.49	S12 55.47	108 59.87	S14 47.02	188 42.62	N16 13.80	244 04.29	N22 03.08	060 35.95	S23 25.92	229 16.16	07.54	N25 46.91	00.30	56.41
17	344 06.22	121 46.95	S12 55.93	124 00.75	S14 47.53	203 45.21	N16 13.85	259 06.98	N22 03.07	075 35.64	S23 25.95	243 42.70	07.51	N25 47.21	00.15	56.44
18	359 08.68	136 47.42	S12 56.39	139 01.63	S14 48.04	218 47.80	N16 13.90	274 09.66	N22 03.07	090 35.34	S23 25.97	258 09.21	07.49	N25 47.36	00.00	56.46
19	014 11.15	151 47.88	S12 56.85	154 02.52	S14 48.54	233 50.39	N16 13.95	289 12.35	N22 03.07	105 35.03	S23 26.00	272 35.70	07.46	N25 47.36	00.15	56.48
20	029 13.61	166 48.34	S12 57.31	169 03.40	S14 49.05	248 52.99	N16 14.00	304 15.04	N22 03.07	120 34.72	S23 26.02	287 02.16	07.44	N25 47.21	00.29	56.50
21	044 16.08	181 48.80	S12 57.77	184 04.28	S14 49.56	263 55.58	N16 14.05	319 17.72	N22 03.06	135 34.41	S23 26.05	301 28.60	07.42	N25 46.92	00.44	56.52
22	059 18.54	196 49.26	S12 58.23	199 05.17	S14 50.06	278 58.17	N16 14.10	334 20.41	N22 03.06	150 34.10	S23 26.07	315 55.02	07.40	N25 46.47	00.59	56.54
23	074 21.01	211 49.71	S12 58.69	214 06.05	S14 50.57	294 00.77	N16 14.15	349 23.09	N22 03.06	165 33.79	S23 26.09	330 21.41	07.38	N25 45.88	00.74	56.56
		v 0.49	d 0.45	v 0.89	d 0.51	v 2.59	d 0.05	v 2.69	d 0.00	v -0.31	d 0.04	SD	15.21	15.35		
		HP 0.29		HP 0.07						SD 16.26	HP 0.15					

Saturday December 21, 2002 through Sunday December 22, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
21 00	089 23.47	226 50.17	S12 59.16	229 06.93	S14 51.07	309 03.36	N16 14.20	004 25.78	N22 03.05	180 33.48	S23 26.11	344 47.79	07.36	N25 45.14	00.89	56.58
01	104 25.93	241 50.62	S12 59.62	244 07.82	S14 51.58	324 05.95	N16 14.25	019 28.47	N22 03.05	195 33.17	S23 26.13	359 14.16	07.35	N25 44.25	01.04	56.60
02	119 28.40	256 51.07	S13 00.08	259 08.70	S14 52.08	339 08.55	N16 14.30	034 31.15	N22 03.05	210 32.86	S23 26.15	013 40.50	07.33	N25 43.21	01.19	56.62
03	134 30.86	271 51.52	S13 00.55	274 09.58	S14 52.59	354 11.14	N16 14.35	049 33.84	N22 03.05	225 32.55	S23 26.17	028 06.84	07.32	N25 42.02	01.34	56.64
04	149 33.33	286 51.97	S13 01.01	289 10.46	S14 53.09	009 13.74	N16 14.40	064 36.52	N22 03.04	240 32.24	S23 26.19	042 33.16	07.31	N25 40.69	01.49	56.66
05	164 35.79	301 52.42	S13 01.48	304 11.35	S14 53.60	024 16.33	N16 14.45	079 39.21	N22 03.04	255 31.93	S23 26.20	056 59.47	07.30	N25 39.20	01.64	56.68
06	179 38.25	316 52.87	S13 01.95	319 12.23	S14 54.10	039 18.93	N16 14.50	094 41.89	N22 03.04	270 31.62	S23 26.22	071 25.77	07.30	N25 37.56	01.79	56.70
07	194 40.72	331 53.31	S13 02.41	334 13.11	S14 54.61	054 21.52	N16 14.55	109 44.58	N22 03.04	285 31.31	S23 26.24	085 52.07	07.29	N25 35.78	01.94	56.73
08	209 43.18	346 53.75	S13 02.88	349 13.99	S14 55.11	069 24.12	N16 14.60	124 47.27	N22 03.03	300 31.00	S23 26.25	100 18.36	07.29	N25 33.84	02.09	56.75
09	224 45.65	001 54.19	S13 03.35	004 14.87	S14 55.61	084 26.72	N16 14.65	139 49.95	N22 03.03	315 30.69	S23 26.26	114 44.64	07.28	N25 31.75	02.24	56.77
10	239 48.11	016 54.63	S13 03.81	019 15.75	S14 56.12	099 29.31	N16 14.70	154 52.64	N22 03.03	330 30.38	S23 26.28	129 10.92	07.28	N25 29.52	02.39	56.79
11	254 50.58	031 55.07	S13 04.28	034 16.64	S14 56.62	114 31.91	N16 14.75	169 55.32	N22 03.03	345 30.07	S23 26.29	143 37.21	07.28	N25 27.13	02.54	56.81
12	269 53.04	046 55.51	S13 04.75	049 17.52	S14 57.12	129 34.51	N16 14.80	184 58.01	N22 03.02	000 29.76	S23 26.30	158 03.49	07.28	N25 24.60	02.68	56.83
13	284 55.50	061 55.94	S13 05.22	064 18.40	S14 57.63	144 37.10	N16 14.85	200 00.69	N22 03.02	015 29.46	S23 26.31	172 29.77	07.29	N25 21.91	02.83	56.85
14	299 57.97	076 56.38	S13 05.69	079 19.28	S14 58.13	159 39.70	N16 14.90	215 03.38	N22 03.02	030 29.15	S23 26.32	186 56.06	07.29	N25 19.08	02.98	56.87
15	315 00.43	091 56.81	S13 06.16	094 20.16	S14 58.63	174 42.30	N16 14.95	230 06.07	N22 03.01	045 28.84	S23 26.33	201 22.36	07.30	N25 16.10	03.13	56.89
16	330 02.90	106 57.24	S13 06.63	109 21.04	S14 59.13	189 44.90	N16 15.01	245 08.75	N22 03.01	060 28.53	S23 26.34	215 48.66	07.31	N25 12.96	03.28	56.91
17	345 05.36	121 57.67	S13 07.11	124 21.92	S14 59.64	204 47.50	N16 15.06	260 11.44	N22 03.01	075 28.22	S23 26.34	230 14.97	07.32	N25 09.68	03.43	56.93
18	000 07.83	136 58.10	S13 07.58	139 22.80	S15 00.14	219 50.10	N16 15.11	275 14.12	N22 03.01	090 27.91	S23 26.35	244 41.28	07.33	N25 06.25	03.58	56.95
19	015 10.29	151 58.52	S13 08.05	154 23.68	S15 00.64	234 52.70	N16 15.16	290 16.81	N22 03.00	105 27.60	S23 26.36	259 07.61	07.34	N25 02.68	03.73	56.97
20	030 12.75	166 58.95	S13 08.53	169 24.56	S15 01.14	249 55.30	N16 15.21	305 19.49	N22 03.00	120 27.29	S23 26.36	273 33.95	07.36	N24 58.95	03.87	56.99
21	045 15.22	181 59.37	S13 09.00	184 25.44	S15 01.64	264 57.90	N16 15.26	320 22.18	N22 03.00	135 26.98	S23 26.36	288 00.31	07.37	N24 55.08	04.02	57.01
22	060 17.68	196 59.79	S13 09.47	199 26.32	S15 02.15	280 00.50	N16 15.32	335 24.86	N22 03.00	150 26.67	S23 26.37	302 26.68	07.39	N24 51.05	04.17	57.03
23	075 20.15	212 00.21	S13 09.95	214 27.20	S15 02.65	295 03.10	N16 15.37	350 27.55	N22 02.99	165 26.36	S23 26.37	316 53.07	07.41	N24 46.88	04.32	57.05
22 00	090 22.61	227 00.63	S13 10.42	229 28.08	S15 03.15	310 05.70	N16 15.42	005 30.23	N22 02.99	180 26.05	S23 26.37	331 19.48	07.43	N24 42.57	04.46	57.07
01	105 25.07	242 01.05	S13 10.90	244 28.96	S15 03.65	325 08.30	N16 15.47	020 32.92	N22 02.99	195 25.74	S23 26.37	345 45.90	07.45	N24 38.11	04.61	57.09
02	120 27.54	257 01.46	S13 11.38	259 29.84	S15 04.15	340 10.90	N16 15.52	035 35.60	N22 02.99	210 25.43	S23 26.37	000 12.35	07.47	N24 33.50	04.75	57.11
03	135 30.00	272 01.88	S13 11.85	274 30.72	S15 04.65	355 13.51	N16 15.58	050 38.29	N22 02.98	225 25.12	S23 26.37	014 38.82	07.49	N24 28.74	04.90	57.13
04	150 32.47	287 02.29	S13 12.33	289 31.60	S15 05.15	010 16.11	N16 15.63	065 40.98	N22 02.98	240 24.81	S23 26.37	029 05.31	07.52	N24 23.85	05.04	57.15
05	165 34.93	302 02.70	S13 12.81	304 32.48	S15 05.65	025 18.71	N16 15.68	080 43.66	N22 02.98	255 24.50	S23 26.36	043 31.83	07.54	N24 18.80	05.19	57.17
06	180 37.40	317 03.11	S13 13.29	319 33.36	S15 06.15	040 21.31	N16 15.73	095 46.35	N22 02.97	270 24.19	S23 26.36	057 58.37	07.57	N24 13.61	05.33	57.19
07	195 39.86	332 03.52	S13 13.77	334 34.24	S15 06.65	055 23.92	N16 15.79	110 49.03	N22 02.97	285 23.88	S23 26.36	072 24.94	07.60	N24 08.28	05.48	57.21
08	210 42.32	347 03.92	S13 14.25	349 35.11	S15 07.15	070 26.52	N16 15.84	125 51.72	N22 02.97	300 23.57	S23 26.35	086 51.54	07.63	N24 02.81	05.62	57.23
09	225 44.79	002 04.33	S13 14.73	004 35.99	S15 07.65	085 29.13	N16 15.89	140 54.40	N22 02.97	315 23.26	S23 26.35	101 18.17	07.66	N23 57.19	05.76	57.25
10	240 47.25	017 04.73	S13 15.21	019 36.87	S15 08.15	100 31.73	N16 15.95	155 57.09	N22 02.96	330 22.95	S23 26.34	115 44.83	07.69	N23 51.43	05.90	57.27
11	255 49.72	032 05.14	S13 15.69	034 37.75	S15 08.65	115 34.34	N16 16.00	170 59.77	N22 02.96	345 22.64	S23 26.33	130 11.52	07.73	N23 45.53	06.04	57.29
12	270 52.18	047 05.54	S13 16.17	049 38.63	S15 09.15	130 36.94	N16 16.05	186 02.46	N22 02.96	000 22.33	S23 26.32	144 38.25	07.76	N23 39.49	06.18	57.31
13	285 54.65	062 05.94	S13 16.65	064 39.50	S15 09.65	145 39.55	N16 16.11	201 05.14	N22 02.96	015 22.01	S23 26.31	159 05.01	07.79	N23 33.30	06.32	57.32
14	300 57.11	077 06.33	S13 17.13	079 40.38	S15 10.15	160 42.15	N16 16.16	216 07.83	N22 02.95	030 21.70	S23 26.30	173 31.80	07.83	N23 26.98	06.46	57.34
15	315 59.57	092 06.73	S13 17.62	094 41.26	S15 10.64	175 44.76	N16 16.21	231 10.51	N22 02.95	045 21.39	S23 26.29	187 58.63	07.87	N23 20.52	06.60	57.36
16	331 02.04	107 07.12	S13 18.10	109 42.14	S15 11.14	190 47.36	N16 16.27	246 13.20	N22 02.95	060 21.08	S23 26.28	202 25.50	07.91	N23 13.92	06.74	57.38
17	346 04.50	122 07.52	S13 18.58	124 43.02	S15 11.64	205 49.97	N16 16.32	261 15.88	N22 02.95	075 20.77	S23 26.27	216 52.41	07.95	N23 07.18	06.87	57.40
18	001 06.97	137 07.91	S13 19.07	139 43.89	S15 12.14	220 52.58	N16 16.37	276 18.57	N22 02.94	090 20.46	S23 26.26	231 19.35	07.99	N23 00.31	07.01	57.42
19	016 09.43	152 08.30	S13 19.55	154 44.77	S15 12.64	235 55.18	N16 16.43	291 21.25	N22 02.94	105 20.15	S23 26.24	245 46.34	08.03	N22 53.30	07.15	57.44
20	031 11.89	167 08.69	S13 20.04	169 45.65	S15 13.13	250 57.79	N16 16.48	306 23.94	N22 02.94	120 19.84	S23 26.23	260 13.36	08.07	N22 46.16	07.28	57.46
21	046 14.36	182 09.08	S13 20.53	184 46.52	S15 13.63	266 00.40	N16 16.54	321 26.62	N22 02.93	135 19.53	S23 26.21	274 40.43	08.11	N22 38.88	07.41	57.48
22	061 16.82	197 09.46	S13 21.01	199 47.40	S15 14.13	281 03.01	N16 16.59	336 29.31	N22 02.93	150 19.22	S23 26.19	289 07.54	08.15	N22 31.46	07.55	57.50
23	076 19.29	212 09.85	S13 21.50	214 48.28	S15 14.62	296 05.62	N16 16.64	351 31.99	N22 02.93	165 18.91	S23 26.18	303 34.70	08.20	N22 23.92	07.68	57.52
		v 0.42	d 0.48	v 0.88	d 0.50	v 2.60	d 0.05	v 2.69	d 0.00	v -0.31	d 0.00	SD	15.48	15.61		
		HP 0.28		HP 0.07						SD 16.26	HP 0.15					

Monday December 23, 2002 through Tuesday December 24, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
23 00	091 21.75	227 10.23	S13 21.99	229 49.15	S15 15.12	311 08.23	N16 16.70	006 34.68	N22 02.93	180 18.60	S23 26.16	318 01.90	08.24	N22 16.24	07.81	57.53
01	106 24.22	242 10.61	S13 22.47	244 50.03	S15 15.62	326 10.84	N16 16.75	021 37.36	N22 02.92	195 18.29	S23 26.14	332 29.14	08.29	N22 08.43	07.94	57.55
02	121 26.68	257 10.99	S13 22.96	259 50.91	S15 16.11	341 13.44	N16 16.81	036 40.05	N22 02.92	210 17.98	S23 26.12	346 56.43	08.33	N22 00.49	08.07	57.57
03	136 29.14	272 11.37	S13 23.45	274 51.78	S15 16.61	356 16.05	N16 16.86	051 42.73	N22 02.92	225 17.67	S23 26.10	001 23.76	08.38	N21 52.42	08.20	57.59
04	151 31.61	287 11.75	S13 23.94	289 52.66	S15 17.11	011 18.66	N16 16.92	066 45.41	N22 02.92	240 17.36	S23 26.08	015 51.14	08.43	N21 44.22	08.33	57.61
05	166 34.07	302 12.13	S13 24.43	304 53.53	S15 17.60	026 21.28	N16 16.97	081 48.10	N22 02.91	255 17.05	S23 26.06	030 18.57	08.48	N21 35.89	08.45	57.63
06	181 36.54	317 12.50	S13 24.92	319 54.41	S15 18.10	041 23.89	N16 17.03	096 50.78	N22 02.91	270 16.74	S23 26.03	044 46.05	08.53	N21 27.44	08.58	57.65
07	196 39.00	332 12.88	S13 25.41	334 55.28	S15 18.59	056 26.50	N16 17.08	111 53.47	N22 02.91	285 16.43	S23 26.01	059 13.57	08.57	N21 18.86	08.70	57.66
08	211 41.46	347 13.25	S13 25.90	349 56.16	S15 19.09	071 29.11	N16 17.14	126 56.15	N22 02.91	300 16.12	S23 25.98	073 41.15	08.62	N21 10.16	08.83	57.68
09	226 43.93	002 13.62	S13 26.39	004 57.03	S15 19.58	086 31.72	N16 17.19	141 58.84	N22 02.90	315 15.81	S23 25.96	088 08.77	08.67	N21 01.33	08.95	57.70
10	241 46.39	017 13.99	S13 26.88	019 57.91	S15 20.08	101 34.33	N16 17.25	157 01.52	N22 02.90	330 15.50	S23 25.93	102 36.45	08.72	N20 52.38	09.07	57.72
11	256 48.86	032 14.35	S13 27.37	034 58.78	S15 20.57	116 36.95	N16 17.30	172 04.21	N22 02.90	345 15.19	S23 25.90	117 04.17	08.77	N20 43.30	09.19	57.74
12	271 51.32	047 14.72	S13 27.87	049 59.66	S15 21.07	131 39.56	N16 17.36	187 06.89	N22 02.90	000 14.88	S23 25.88	131 31.95	08.83	N20 34.11	09.32	57.76
13	286 53.79	062 15.08	S13 28.36	065 00.53	S15 21.56	146 42.17	N16 17.41	202 09.58	N22 02.89	015 14.57	S23 25.85	145 59.77	08.88	N20 24.79	09.43	57.77
14	301 56.25	077 15.45	S13 28.85	080 01.41	S15 22.06	161 44.78	N16 17.47	217 12.26	N22 02.89	030 14.26	S23 25.82	160 27.65	08.93	N20 15.36	09.55	57.79
15	316 58.71	092 15.81	S13 29.35	095 02.28	S15 22.55	176 47.40	N16 17.53	232 14.94	N22 02.89	045 13.95	S23 25.79	174 55.58	08.98	N20 05.80	09.67	57.81
16	332 01.18	107 16.17	S13 29.84	110 03.16	S15 23.04	191 50.01	N16 17.58	247 17.63	N22 02.88	060 13.64	S23 25.76	189 23.56	09.03	N19 56.14	09.79	57.83
17	347 03.64	122 16.53	S13 30.34	125 04.03	S15 23.54	206 52.63	N16 17.64	262 20.31	N22 02.88	075 13.33	S23 25.72	203 51.59	09.09	N19 46.35	09.90	57.85
18	002 06.11	137 16.89	S13 30.83	140 04.90	S15 24.03	221 55.24	N16 17.69	277 23.00	N22 02.88	090 13.02	S23 25.69	218 19.68	09.14	N19 36.45	10.01	57.86
19	017 08.57	152 17.24	S13 31.33	155 05.78	S15 24.52	236 57.86	N16 17.75	292 25.68	N22 02.88	105 12.70	S23 25.66	232 47.82	09.19	N19 26.43	10.13	57.88
20	032 11.03	167 17.60	S13 31.82	170 06.65	S15 25.02	252 00.47	N16 17.81	307 28.37	N22 02.87	120 12.39	S23 25.62	247 16.01	09.24	N19 16.31	10.24	57.90
21	047 13.50	182 17.95	S13 32.32	185 07.53	S15 25.51	267 03.09	N16 17.86	322 31.05	N22 02.87	135 12.08	S23 25.59	261 44.25	09.30	N19 06.07	10.35	57.92
22	062 15.96	197 18.30	S13 32.82	200 08.40	S15 26.00	282 05.70	N16 17.92	337 33.73	N22 02.87	150 11.77	S23 25.55	276 12.55	09.35	N18 55.72	10.46	57.94
23	077 18.43	212 18.65	S13 33.31	215 09.27	S15 26.50	297 08.32	N16 17.98	352 36.42	N22 02.87	165 11.46	S23 25.51	290 40.89	09.40	N18 45.26	10.57	57.95
24 00	092 20.89	227 19.00	S13 33.81	230 10.15	S15 26.99	312 10.94	N16 18.03	007 39.10	N22 02.86	180 11.15	S23 25.48	305 09.30	09.45	N18 34.69	10.68	57.97
01	107 23.36	242 19.35	S13 34.31	245 11.02	S15 27.48	327 13.55	N16 18.09	022 41.79	N22 02.86	195 10.84	S23 25.44	319 37.75	09.51	N18 24.01	10.78	57.99
02	122 25.82	257 19.70	S13 34.81	260 11.89	S15 27.97	342 16.17	N16 18.15	037 44.47	N22 02.86	210 10.53	S23 25.40	334 06.26	09.56	N18 13.23	10.89	58.01
03	137 28.28	272 20.04	S13 35.31	275 12.76	S15 28.46	357 18.79	N16 18.20	052 47.15	N22 02.86	225 10.22	S23 25.36	348 34.82	09.61	N18 02.34	10.99	58.02
04	152 30.75	287 20.38	S13 35.81	290 13.64	S15 28.96	012 21.40	N16 18.26	067 49.84	N22 02.85	240 09.91	S23 25.32	003 03.43	09.67	N17 51.35	11.09	58.04
05	167 33.21	302 20.73	S13 36.31	305 14.51	S15 29.45	027 24.02	N16 18.32	082 52.52	N22 02.85	255 09.60	S23 25.28	017 32.10	09.72	N17 40.26	11.20	58.06
06	182 35.68	317 21.07	S13 36.81	320 15.38	S15 29.94	042 26.64	N16 18.37	097 55.21	N22 02.85	270 09.29	S23 25.23	032 00.81	09.77	N17 29.06	11.30	58.07
07	197 38.14	332 21.41	S13 37.31	335 16.25	S15 30.43	057 29.26	N16 18.43	112 57.89	N22 02.85	285 08.98	S23 25.19	046 29.58	09.82	N17 17.76	11.40	58.09
08	212 40.60	347 21.74	S13 37.81	350 17.13	S15 30.92	072 31.88	N16 18.49	128 00.57	N22 02.84	300 08.67	S23 25.15	060 58.40	09.87	N17 06.37	11.50	58.11
09	227 43.07	002 22.08	S13 38.31	005 18.00	S15 31.41	087 34.50	N16 18.55	143 03.26	N22 02.84	315 08.36	S23 25.10	075 27.28	09.92	N16 54.87	11.59	58.13
10	242 45.53	017 22.41	S13 38.81	020 18.87	S15 31.90	102 37.12	N16 18.60	158 05.94	N22 02.84	330 08.05	S23 25.05	089 56.20	09.98	N16 43.28	11.69	58.14
11	257 48.00	032 22.75	S13 39.31	035 19.74	S15 32.39	117 39.74	N16 18.66	173 08.62	N22 02.84	345 07.74	S23 25.01	104 25.18	10.03	N16 31.59	11.78	58.16
12	272 50.46	047 23.08	S13 39.82	050 20.61	S15 32.88	132 42.36	N16 18.72	188 11.31	N22 02.83	000 07.43	S23 24.96	118 54.20	10.08	N16 19.81	11.88	58.18
13	287 52.93	062 23.41	S13 40.32	065 21.48	S15 33.37	147 44.98	N16 18.78	203 13.99	N22 02.83	015 07.12	S23 24.91	133 23.28	10.13	N16 07.93	11.97	58.19
14	302 55.39	077 23.74	S13 40.82	080 22.36	S15 33.86	162 47.60	N16 18.84	218 16.68	N22 02.83	030 06.81	S23 24.86	147 52.41	10.18	N15 55.96	12.06	58.21
15	317 57.85	092 24.07	S13 41.33	095 23.23	S15 34.35	177 50.22	N16 18.89	233 19.36	N22 02.82	045 06.50	S23 24.81	162 21.58	10.23	N15 43.90	12.15	58.23
16	333 00.32	107 24.40	S13 41.83	110 24.10	S15 34.84	192 52.84	N16 18.95	248 22.04	N22 02.82	060 06.19	S23 24.76	176 50.81	10.27	N15 31.75	12.24	58.24
17	348 02.78	122 24.72	S13 42.33	125 24.97	S15 35.33	207 55.46	N16 19.01	263 24.73	N22 02.82	075 05.88	S23 24.71	191 20.09	10.32	N15 19.51	12.33	58.26
18	003 05.25	137 25.04	S13 42.84	140 25.84	S15 35.82	222 58.09	N16 19.07	278 27.41	N22 02.82	090 05.57	S23 24.66	205 49.41	10.37	N15 07.18	12.41	58.28
19	018 07.71	152 25.37	S13 43.34	155 26.71	S15 36.31	238 00.71	N16 19.13	293 30.09	N22 02.81	105 05.26	S23 24.60	220 18.78	10.42	N14 54.76	12.50	58.29
20	033 10.17	167 25.69	S13 43.85	170 27.58	S15 36.80	253 03.33	N16 19.19	308 32.78	N22 02.81	120 04.95	S23 24.55	234 48.20	10.47	N14 42.26	12.58	58.31
21	048 12.64	182 26.01	S13 44.36	185 28.45	S15 37.28	268 05.95	N16 19.24	323 35.46	N22 02.81	135 04.64	S23 24.49	249 17.66	10.51	N14 29.68	12.67	58.33
22	063 15.10	197 26.33	S13 44.86	200 29.32	S15 37.77	283 08.58	N16 19.30	338 38.14	N22 02.81	150 04.33	S23 24.44	263 47.17	10.56	N14 17.01	12.75	58.34
23	078 17.57	212 26.64	S13 45.37	215 30.19	S15 38.26	298 11.20	N16 19.36	353 40.83	N22 02.80	165 04.02	S23 24.38	278 16.73	10.60	N14 04.26	12.83	58.36
		v 0.35	d 0.50	v 0.87	d 0.49	v 2.62	d 0.06	v 2.68	d 0.00	v -0.31	d 0.04	SD	15.74	15.85		
		HP 0.27		HP 0.07						SD 16.26	HP 0.15					

Wednesday December 25, 2002 through Thursday December 26, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
25 00	093 20.03	227 26.96	S13 45.88	230 31.06	S15 38.75	313 13.83	N16 19.42	008 43.51	N22 02.80	180 03.71	S23 24.33	292 46.33	10.65	N13 51.43	12.91	58.38
01	108 22.49	242 27.27	S13 46.38	245 31.93	S15 39.24	328 16.45	N16 19.48	023 46.19	N22 02.80	195 03.40	S23 24.27	307 15.98	10.69	N13 38.52	12.99	58.39
02	123 24.96	257 27.59	S13 46.89	260 32.80	S15 39.72	343 19.07	N16 19.54	038 48.88	N22 02.80	210 03.09	S23 24.21	321 45.67	10.73	N13 25.54	13.06	58.41
03	138 27.42	272 27.90	S13 47.40	275 33.67	S15 40.21	358 21.70	N16 19.60	053 51.56	N22 02.79	225 02.78	S23 24.15	336 15.41	10.78	N13 12.47	13.14	58.42
04	153 29.89	287 28.21	S13 47.91	290 34.54	S15 40.70	013 24.33	N16 19.66	068 54.24	N22 02.79	240 02.47	S23 24.09	350 45.18	10.82	N12 59.33	13.21	58.44
05	168 32.35	302 28.52	S13 48.42	305 35.41	S15 41.18	028 26.95	N16 19.72	083 56.92	N22 02.79	255 02.16	S23 24.03	005 15.00	10.86	N12 46.12	13.29	58.46
06	183 34.82	317 28.82	S13 48.93	320 36.28	S15 41.67	043 29.58	N16 19.78	098 59.61	N22 02.79	270 01.85	S23 23.96	019 44.86	10.90	N12 32.83	13.36	58.47
07	198 37.28	332 29.13	S13 49.44	335 37.15	S15 42.16	058 32.20	N16 19.84	114 02.29	N22 02.78	285 01.54	S23 23.90	034 14.76	10.94	N12 19.47	13.43	58.49
08	213 39.74	347 29.43	S13 49.95	350 38.02	S15 42.64	073 34.83	N16 19.90	129 04.97	N22 02.78	300 01.23	S23 23.84	048 44.70	10.98	N12 06.04	13.50	58.50
09	228 42.21	002 29.74	S13 50.46	005 38.88	S15 43.13	088 37.46	N16 19.95	144 07.66	N22 02.78	315 00.92	S23 23.77	063 14.68	11.02	N11 52.54	13.57	58.52
10	243 44.67	017 30.04	S13 50.97	020 39.75	S15 43.62	103 40.08	N16 20.01	159 10.34	N22 02.78	330 00.61	S23 23.71	077 44.70	11.05	N11 38.97	13.64	58.53
11	258 47.14	032 30.34	S13 51.48	035 40.62	S15 44.10	118 42.71	N16 20.07	174 13.02	N22 02.77	345 00.30	S23 23.64	092 14.75	11.09	N11 25.34	13.70	58.55
12	273 49.60	047 30.64	S13 51.99	050 41.49	S15 44.59	133 45.34	N16 20.13	189 15.70	N22 02.77	359 59.99	S23 23.57	106 44.84	11.13	N11 11.64	13.77	58.57
13	288 52.06	062 30.94	S13 52.50	065 42.36	S15 45.07	148 47.97	N16 20.19	204 18.39	N22 02.77	014 59.68	S23 23.51	121 14.97	11.16	N10 57.87	13.83	58.58
14	303 54.53	077 31.23	S13 53.01	080 43.22	S15 45.56	163 50.60	N16 20.25	219 21.07	N22 02.77	029 59.37	S23 23.44	135 45.13	11.20	N10 44.04	13.89	58.60
15	318 56.99	092 31.53	S13 53.53	095 44.09	S15 46.04	178 53.22	N16 20.32	234 23.75	N22 02.76	044 59.06	S23 23.37	150 15.33	11.23	N10 30.15	13.95	58.61
16	333 59.46	107 31.82	S13 54.04	110 44.96	S15 46.53	193 55.85	N16 20.38	249 26.44	N22 02.76	059 58.75	S23 23.30	164 45.55	11.26	N10 16.20	14.01	58.63
17	349 01.92	122 32.12	S13 54.55	125 45.83	S15 47.01	208 58.48	N16 20.44	264 29.12	N22 02.76	074 58.44	S23 23.23	179 15.82	11.29	N10 02.19	14.07	58.64
18	004 04.38	137 32.41	S13 55.06	140 46.70	S15 47.50	224 01.11	N16 20.50	279 31.80	N22 02.76	089 58.13	S23 23.15	193 46.11	11.32	N09 48.11	14.13	58.66
19	019 06.85	152 32.70	S13 55.58	155 47.56	S15 47.98	239 03.74	N16 20.56	294 34.48	N22 02.75	104 57.82	S23 23.08	208 16.43	11.35	N09 33.99	14.18	58.67
20	034 09.31	167 32.99	S13 56.09	170 48.43	S15 48.46	254 06.37	N16 20.62	309 37.17	N22 02.75	119 57.51	S23 23.01	222 46.78	11.38	N09 19.80	14.24	58.69
21	049 11.78	182 33.27	S13 56.61	185 49.30	S15 48.95	269 09.00	N16 20.68	324 39.85	N22 02.75	134 57.20	S23 22.93	237 17.16	11.41	N09 05.57	14.29	58.70
22	064 14.24	197 33.56	S13 57.12	200 50.16	S15 49.43	284 11.63	N16 20.74	339 42.53	N22 02.74	149 56.89	S23 22.86	251 47.57	11.44	N08 51.27	14.34	58.72
23	079 16.70	212 33.84	S13 57.64	215 51.03	S15 49.91	299 14.26	N16 20.80	354 45.21	N22 02.74	164 56.58	S23 22.78	266 18.01	11.46	N08 36.93	14.39	58.73
26 00	094 19.17	227 34.13	S13 58.15	230 51.90	S15 50.40	314 16.90	N16 20.86	009 47.89	N22 02.74	179 56.28	S23 22.70	280 48.47	11.49	N08 22.54	14.44	58.75
01	109 21.63	242 34.41	S13 58.67	245 52.76	S15 50.88	329 19.53	N16 20.92	024 50.58	N22 02.74	194 55.97	S23 22.63	295 18.95	11.51	N08 08.09	14.49	58.76
02	124 24.10	257 34.69	S13 59.18	260 53.63	S15 51.36	344 22.16	N16 20.98	039 53.26	N22 02.73	209 55.66	S23 22.55	309 49.46	11.53	N07 53.60	14.54	58.78
03	139 26.56	272 34.97	S13 59.70	275 54.50	S15 51.85	359 24.79	N16 21.05	054 55.94	N22 02.73	224 55.35	S23 22.47	324 19.99	11.55	N07 39.06	14.59	58.79
04	154 29.03	287 35.24	S14 00.22	290 55.36	S15 52.33	014 27.43	N16 21.11	069 58.62	N22 02.73	239 55.04	S23 22.39	338 50.55	11.57	N07 24.47	14.63	58.80
05	169 31.49	302 35.52	S14 00.73	305 56.23	S15 52.81	029 30.06	N16 21.17	085 01.31	N22 02.73	254 54.73	S23 22.31	353 21.12	11.59	N07 09.84	14.67	58.82
06	184 33.95	317 35.80	S14 01.25	320 57.09	S15 53.29	044 32.69	N16 21.23	100 03.99	N22 02.72	269 54.42	S23 22.22	007 51.72	11.61	N06 55.17	14.72	58.83
07	199 36.42	332 36.07	S14 01.77	335 57.96	S15 53.78	059 35.33	N16 21.29	115 06.67	N22 02.72	284 54.11	S23 22.14	022 22.33	11.63	N06 40.46	14.76	58.85
08	214 38.88	347 36.34	S14 02.29	350 58.83	S15 54.26	074 37.96	N16 21.35	130 09.35	N22 02.72	299 53.80	S23 22.06	036 52.96	11.65	N06 25.70	14.80	58.86
09	229 41.35	002 36.61	S14 02.80	005 59.69	S15 54.74	089 40.59	N16 21.42	145 12.03	N22 02.72	314 53.49	S23 21.97	051 23.60	11.66	N06 10.90	14.83	58.87
10	244 43.81	017 36.88	S14 03.32	021 00.56	S15 55.22	104 43.23	N16 21.48	160 14.72	N22 02.71	329 53.18	S23 21.89	065 54.27	11.68	N05 56.07	14.87	58.89
11	259 46.27	032 37.15	S14 03.84	036 01.42	S15 55.70	119 45.86	N16 21.54	175 17.40	N22 02.71	344 52.87	S23 21.80	080 24.94	11.69	N05 41.20	14.91	58.90
12	274 48.74	047 37.42	S14 04.36	051 02.29	S15 56.18	134 48.50	N16 21.60	190 20.08	N22 02.71	359 52.57	S23 21.72	094 55.63	11.70	N05 26.29	14.94	58.92
13	289 51.20	062 37.68	S14 04.88	066 03.15	S15 56.66	149 51.13	N16 21.66	205 22.76	N22 02.71	014 52.26	S23 21.63	109 26.33	11.71	N05 11.35	14.97	58.93
14	304 53.67	077 37.95	S14 05.40	081 04.02	S15 57.14	164 53.77	N16 21.73	220 25.44	N22 02.70	029 51.95	S23 21.54	123 57.04	11.72	N04 56.38	15.01	58.94
15	319 56.13	092 38.21	S14 05.92	096 04.88	S15 57.62	179 56.41	N16 21.79	235 28.12	N22 02.70	044 51.64	S23 21.45	138 27.77	11.73	N04 41.37	15.04	58.96
16	334 58.59	107 38.47	S14 06.44	111 05.74	S15 58.10	194 59.04	N16 21.85	250 30.81	N22 02.70	059 51.33	S23 21.36	152 58.50	11.74	N04 26.34	15.07	58.97
17	350 01.06	122 38.73	S14 06.96	126 06.61	S15 58.58	210 01.68	N16 21.91	265 33.49	N22 02.70	074 51.02	S23 21.27	167 29.24	11.74	N04 11.27	15.09	58.98
18	005 03.52	137 38.99	S14 07.48	141 07.47	S15 59.06	225 04.32	N16 21.98	280 36.17	N22 02.69	089 50.71	S23 21.18	181 59.98	11.75	N03 56.18	15.12	59.00
19	020 05.99	152 39.25	S14 08.00	156 08.34	S15 59.54	240 06.95	N16 22.04	295 38.85	N22 02.69	104 50.40	S23 21.09	196 30.73	11.75	N03 41.06	15.15	59.01
20	035 08.45	167 39.51	S14 08.52	171 09.20	S16 00.02	255 09.59	N16 22.10	310 41.53	N22 02.69	119 50.10	S23 20.99	211 01.48	11.76	N03 25.91	15.17	59.02
21	050 10.91	182 39.76	S14 09.04	186 10.06	S16 00.50	270 12.23	N16 22.16	325 44.21	N22 02.69	134 49.79	S23 20.90	225 32.24	11.76	N03 10.74	15.19	59.04
22	065 13.38	197 40.02	S14 09.57	201 10.93	S16 00.98	285 14.87	N16 22.23	340 46.89	N22 02.68	149 49.48	S23 20.80	240 03.00	11.76	N02 55.55	15.21	59.05
23	080 15.84	212 40.27	S14 10.09	216 11.79	S16 01.46	300 17.51	N16 22.29	355 49.57	N22 02.68	164 49.17	S23 20.71	254 33.76	11.76	N02 40.33	15.23	59.06
		v 0.28	d 0.52	v 0.87	d 0.48	v 2.63	d 0.06	v 2.68	d 0.00	v -0.31	d 0.08	SD	15.96	16.05		
		HP 0.27		HP 0.07						SD 16.26	HP 0.15					

Friday December 27, 2002 through Saturday December 28, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
27 00	095 18.31	227 40.52	S14 10.61	231 12.66	S16 01.94	315 20.15	N16 22.35	010 52.26	N22 02.68	179 48.86	S23 20.61	269 04.52	11.76	N02 25.10	15.25	59.07
01	110 20.77	242 40.77	S14 11.13	246 13.52	S16 02.42	330 22.78	N16 22.42	025 54.94	N22 02.68	194 48.55	S23 20.52	283 35.28	11.75	N02 09.85	15.27	59.09
02	125 23.23	257 41.02	S14 11.66	261 14.38	S16 02.89	345 25.42	N16 22.48	040 57.62	N22 02.67	209 48.24	S23 20.42	298 06.03	11.75	N01 54.58	15.29	59.10
03	140 25.70	272 41.27	S14 12.18	276 15.24	S16 03.37	000 28.06	N16 22.54	056 00.30	N22 02.67	224 47.94	S23 20.32	312 36.78	11.75	N01 39.29	15.30	59.11
04	155 28.16	287 41.51	S14 12.70	291 16.11	S16 03.85	015 30.70	N16 22.61	071 02.98	N22 02.67	239 47.63	S23 20.22	327 07.53	11.74	N01 23.99	15.32	59.12
05	170 30.63	302 41.76	S14 13.23	306 16.97	S16 04.33	030 33.34	N16 22.67	086 05.66	N22 02.67	254 47.32	S23 20.12	341 38.27	11.73	N01 08.67	15.33	59.14
06	185 33.09	317 42.00	S14 13.75	321 17.83	S16 04.80	045 35.99	N16 22.73	101 08.34	N22 02.66	269 47.01	S23 20.02	356 09.00	11.72	N00 53.35	15.34	59.15
07	200 35.56	332 42.25	S14 14.28	336 18.69	S16 05.28	060 38.63	N16 22.80	116 11.02	N22 02.66	284 46.70	S23 19.91	010 39.72	11.71	N00 38.01	15.35	59.16
08	215 38.02	347 42.49	S14 14.80	351 19.56	S16 05.76	075 41.27	N16 22.86	131 13.70	N22 02.66	299 46.40	S23 19.81	025 10.44	11.70	N00 22.66	15.36	59.17
09	230 40.48	002 42.73	S14 15.33	006 20.42	S16 06.24	090 43.91	N16 22.93	146 16.38	N22 02.66	314 46.09	S23 19.71	039 41.14	11.69	N00 07.30	15.36	59.18
10	245 42.95	017 42.96	S14 15.85	021 21.28	S16 06.71	105 46.55	N16 22.99	161 19.06	N22 02.65	329 45.78	S23 19.60	054 11.83	11.68	S00 08.06	15.37	59.19
11	260 45.41	032 43.20	S14 16.38	036 22.14	S16 07.19	120 49.19	N16 23.05	176 21.75	N22 02.65	344 45.47	S23 19.50	068 42.50	11.66	S00 23.43	15.37	59.21
12	275 47.88	047 43.44	S14 16.90	051 23.00	S16 07.67	135 51.84	N16 23.12	191 24.43	N22 02.65	359 45.16	S23 19.39	083 13.16	11.65	S00 38.80	15.38	59.22
13	290 50.34	062 43.67	S14 17.43	066 23.87	S16 08.14	150 54.48	N16 23.18	206 27.11	N22 02.65	014 44.86	S23 19.28	097 43.81	11.63	S00 54.17	15.38	59.23
14	305 52.80	077 43.91	S14 17.95	081 24.73	S16 08.62	165 57.12	N16 23.25	221 29.79	N22 02.64	029 44.55	S23 19.18	112 14.44	11.61	S01 09.55	15.38	59.24
15	320 55.27	092 44.14	S14 18.48	096 25.59	S16 09.09	180 59.77	N16 23.31	236 32.47	N22 02.64	044 44.24	S23 19.07	126 45.05	11.59	S01 24.93	15.38	59.25
16	335 57.73	107 44.37	S14 19.01	111 26.45	S16 09.57	196 02.41	N16 23.38	251 35.15	N22 02.64	059 43.93	S23 18.96	141 15.64	11.57	S01 40.30	15.37	59.26
17	351 00.20	122 44.60	S14 19.53	126 27.31	S16 10.04	211 05.05	N16 23.44	266 37.83	N22 02.64	074 43.63	S23 18.85	155 46.21	11.55	S01 55.68	15.37	59.27
18	006 02.66	137 44.83	S14 20.06	141 28.17	S16 10.52	226 07.70	N16 23.51	281 40.51	N22 02.63	089 43.32	S23 18.74	170 16.76	11.52	S02 11.04	15.36	59.28
19	021 05.12	152 45.05	S14 20.59	156 29.03	S16 10.99	241 10.34	N16 23.57	296 43.19	N22 02.63	104 43.01	S23 18.62	184 47.28	11.50	S02 26.41	15.36	59.29
20	036 07.59	167 45.28	S14 21.12	171 29.89	S16 11.47	256 12.99	N16 23.64	311 45.87	N22 02.63	119 42.70	S23 18.51	199 17.78	11.48	S02 41.76	15.35	59.30
21	051 10.05	182 45.50	S14 21.64	186 30.75	S16 11.94	271 15.63	N16 23.70	326 48.55	N22 02.63	134 42.40	S23 18.40	213 48.26	11.45	S02 57.11	15.34	59.31
22	066 12.52	197 45.73	S14 22.17	201 31.61	S16 12.42	286 18.28	N16 23.77	341 51.23	N22 02.62	149 42.09	S23 18.28	228 18.71	11.42	S03 12.45	15.33	59.32
23	081 14.98	212 45.95	S14 22.70	216 32.47	S16 12.89	301 20.92	N16 23.83	356 53.91	N22 02.62	164 41.78	S23 18.17	242 49.13	11.39	S03 27.78	15.31	59.33
28 00	096 17.44	227 46.17	S14 23.23	231 33.33	S16 13.36	316 23.57	N16 23.90	011 56.59	N22 02.62	179 41.47	S23 18.05	257 19.52	11.36	S03 43.09	15.30	59.34
01	111 19.91	242 46.39	S14 23.76	246 34.19	S16 13.84	331 26.22	N16 23.96	026 59.27	N22 02.62	194 41.17	S23 17.94	271 49.88	11.33	S03 58.39	15.29	59.35
02	126 22.37	257 46.61	S14 24.29	261 35.05	S16 14.31	346 28.86	N16 24.03	042 01.95	N22 02.61	209 40.86	S23 17.82	286 20.21	11.30	S04 13.68	15.27	59.36
03	141 24.84	272 46.82	S14 24.82	276 35.91	S16 14.79	001 31.51	N16 24.09	057 04.63	N22 02.61	224 40.55	S23 17.70	300 50.51	11.26	S04 28.95	15.25	59.37
04	156 27.30	287 47.04	S14 25.34	291 36.77	S16 15.26	016 34.16	N16 24.16	072 07.31	N22 02.61	239 40.25	S23 17.58	315 20.77	11.23	S04 44.20	15.23	59.38
05	171 29.77	302 47.25	S14 25.87	306 37.63	S16 15.73	031 36.81	N16 24.22	087 09.99	N22 02.61	254 39.94	S23 17.46	329 51.00	11.19	S04 59.43	15.21	59.39
06	186 32.23	317 47.47	S14 26.40	321 38.49	S16 16.20	046 39.45	N16 24.29	102 12.67	N22 02.60	269 39.63	S23 17.34	344 21.19	11.16	S05 14.64	15.19	59.40
07	201 34.69	332 47.68	S14 26.93	336 39.35	S16 16.68	061 42.10	N16 24.36	117 15.35	N22 02.60	284 39.33	S23 17.22	358 51.35	11.12	S05 29.82	15.16	59.41
08	216 37.16	347 47.89	S14 27.46	351 40.21	S16 17.15	076 44.75	N16 24.42	132 18.03	N22 02.60	299 39.02	S23 17.09	013 21.47	11.08	S05 44.99	15.14	59.42
09	231 39.62	002 48.10	S14 27.99	006 41.07	S16 17.62	091 47.40	N16 24.49	147 20.71	N22 02.60	314 38.71	S23 16.97	027 51.55	11.04	S06 00.13	15.11	59.42
10	246 42.09	017 48.31	S14 28.53	021 41.93	S16 18.09	106 50.05	N16 24.55	162 23.39	N22 02.59	329 38.41	S23 16.85	042 21.58	11.00	S06 15.24	15.08	59.43
11	261 44.55	032 48.51	S14 29.06	036 42.79	S16 18.56	121 52.70	N16 24.62	177 26.07	N22 02.59	344 38.10	S23 16.72	056 51.58	10.95	S06 30.32	15.05	59.44
12	276 47.01	047 48.72	S14 29.59	051 43.64	S16 19.04	136 55.35	N16 24.69	192 28.74	N22 02.59	359 37.79	S23 16.60	071 21.53	10.91	S06 45.37	15.02	59.45
13	291 49.48	062 48.92	S14 30.12	066 44.50	S16 19.51	151 58.00	N16 24.75	207 31.42	N22 02.58	014 37.49	S23 16.47	085 51.44	10.86	S07 00.39	14.99	59.46
14	306 51.94	077 49.12	S14 30.65	081 45.36	S16 19.98	167 00.65	N16 24.82	222 34.10	N22 02.58	029 37.18	S23 16.34	100 21.31	10.82	S07 15.38	14.95	59.46
15	321 54.41	092 49.33	S14 31.18	096 46.22	S16 20.45	182 03.30	N16 24.89	237 36.78	N22 02.58	044 36.88	S23 16.21	114 51.12	10.77	S07 30.34	14.92	59.47
16	336 56.87	107 49.53	S14 31.71	111 47.08	S16 20.92	197 05.95	N16 24.95	252 39.46	N22 02.58	059 36.57	S23 16.09	129 20.90	10.72	S07 45.25	14.88	59.48
17	351 59.33	122 49.73	S14 32.25	126 47.94	S16 21.39	212 08.60	N16 25.02	267 42.14	N22 02.58	074 36.26	S23 15.96	143 50.62	10.67	S08 00.14	14.84	59.48
18	007 01.80	137 49.92	S14 32.78	141 48.79	S16 21.86	227 11.25	N16 25.09	282 44.82	N22 02.57	089 35.96	S23 15.83	158 20.29	10.62	S08 14.98	14.80	59.49
19	022 04.26	152 50.12	S14 33.31	156 49.65	S16 22.33	242 13.91	N16 25.15	297 47.50	N22 02.57	104 35.65	S23 15.69	172 49.91	10.57	S08 29.78	14.76	59.50
20	037 06.73	167 50.32	S14 33.84	171 50.51	S16 22.80	257 16.56	N16 25.22	312 50.18	N22 02.57	119 35.35	S23 15.56	187 19.49	10.52	S08 44.54	14.72	59.50
21	052 09.19	182 50.51	S14 34.38	186 51.36	S16 23.27	272 19.21	N16 25.29	327 52.86	N22 02.57	134 35.04	S23 15.43	201 49.01	10.47	S08 59.26	14.67	59.51
22	067 11.66	197 50.70	S14 34.91	201 52.22	S16 23.74	287 21.86	N16 25.35	342 55.53	N22 02.56	149 34.74	S23 15.29	216 18.47	10.41	S09 13.93	14.63	59.52
23	082 14.12	212 50.89	S14 35.44	216 53.08	S16 24.21	302 24.52	N16 25.42	357 58.21	N22 02.56	164 34.43	S23 15.16	230 47.88	10.36	S09 28.55	14.58	59.52
		v 0.22	d 0.53	v 0.86	d 0.47	v 2.65	d 0.07	v 2.68	d 0.00	v -0.31	d 0.12	SD	16.13	16.20		
		HP 0.26		HP 0.07						SD 16.26	HP 0.15					

Sunday December 29, 2002 through Monday December 30, 2002

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
29 00	097 16.58	227 51.09	S14 35.98	231 53.94	S16 24.68	317 27.17	N16 25.49	013 00.89	N22 02.56	179 34.12	S23 15.02	245 17.24	10.30	S09 43.13	14.53	59.53
01	112 19.05	242 51.27	S14 36.51	246 54.79	S16 25.15	332 29.82	N16 25.56	028 03.57	N22 02.56	194 33.82	S23 14.89	259 46.54	10.24	S09 57.66	14.48	59.53
02	127 21.51	257 51.46	S14 37.05	261 55.65	S16 25.62	347 32.48	N16 25.62	043 06.25	N22 02.55	209 33.51	S23 14.75	274 15.78	10.18	S10 12.13	14.42	59.54
03	142 23.98	272 51.65	S14 37.58	276 56.51	S16 26.08	002 35.13	N16 25.69	058 08.93	N22 02.55	224 33.21	S23 14.61	288 44.96	10.12	S10 26.56	14.37	59.54
04	157 26.44	287 51.84	S14 38.11	291 57.36	S16 26.55	017 37.79	N16 25.76	073 11.61	N22 02.55	239 32.90	S23 14.47	303 14.09	10.06	S10 40.93	14.31	59.55
05	172 28.90	302 52.02	S14 38.65	306 58.22	S16 27.02	032 40.44	N16 25.83	088 14.28	N22 02.55	254 32.60	S23 14.33	317 43.15	10.00	S10 55.24	14.26	59.55
06	187 31.37	317 52.20	S14 39.18	321 59.07	S16 27.49	047 43.10	N16 25.90	103 16.96	N22 02.54	269 32.29	S23 14.19	332 12.15	09.94	S11 09.50	14.20	59.56
07	202 33.83	332 52.38	S14 39.72	336 59.93	S16 27.96	062 45.75	N16 25.96	118 19.64	N22 02.54	284 31.99	S23 14.05	346 41.10	09.88	S11 23.69	14.14	59.56
08	217 36.30	347 52.57	S14 40.25	352 00.79	S16 28.42	077 48.41	N16 26.03	133 22.32	N22 02.54	299 31.68	S23 13.91	001 09.97	09.81	S11 37.83	14.07	59.57
09	232 38.76	002 52.74	S14 40.79	007 01.64	S16 28.89	092 51.06	N16 26.10	148 25.00	N22 02.54	314 31.38	S23 13.77	015 38.79	09.75	S11 51.91	14.01	59.57
10	247 41.22	017 52.92	S14 41.32	022 02.50	S16 29.36	107 53.72	N16 26.17	163 27.67	N22 02.53	329 31.07	S23 13.63	030 07.54	09.69	S12 05.92	13.95	59.57
11	262 43.69	032 53.10	S14 41.86	037 03.35	S16 29.82	122 56.38	N16 26.24	178 30.35	N22 02.53	344 30.77	S23 13.48	044 36.23	09.62	S12 19.86	13.88	59.58
12	277 46.15	047 53.28	S14 42.39	052 04.21	S16 30.29	137 59.03	N16 26.30	193 33.03	N22 02.53	359 30.47	S23 13.34	059 04.84	09.55	S12 33.74	13.81	59.58
13	292 48.62	062 53.45	S14 42.93	067 05.06	S16 30.76	153 01.69	N16 26.37	208 35.71	N22 02.53	014 30.16	S23 13.19	073 33.40	09.48	S12 47.55	13.74	59.58
14	307 51.08	077 53.62	S14 43.47	082 05.92	S16 31.22	168 04.35	N16 26.44	223 38.39	N22 02.52	029 29.86	S23 13.04	088 01.88	09.42	S13 01.29	13.67	59.58
15	322 53.55	092 53.80	S14 44.00	097 06.77	S16 31.69	183 07.01	N16 26.51	238 41.06	N22 02.52	044 29.55	S23 12.89	102 30.30	09.35	S13 14.96	13.59	59.59
16	337 56.01	107 53.97	S14 44.54	112 07.63	S16 32.16	198 09.67	N16 26.58	253 43.74	N22 02.52	059 29.25	S23 12.75	116 58.65	09.28	S13 28.55	13.52	59.59
17	352 58.47	122 54.14	S14 45.07	127 08.48	S16 32.62	213 12.32	N16 26.65	268 46.42	N22 02.52	074 28.94	S23 12.60	131 26.92	09.21	S13 42.07	13.44	59.59
18	008 00.94	137 54.31	S14 45.61	142 09.34	S16 33.09	228 14.98	N16 26.72	283 49.10	N22 02.51	089 28.64	S23 12.45	145 55.13	09.14	S13 55.51	13.36	59.59
19	023 03.40	152 54.47	S14 46.15	157 10.19	S16 33.55	243 17.64	N16 26.78	298 51.77	N22 02.51	104 28.34	S23 12.30	160 23.27	09.07	S14 08.88	13.28	59.59
20	038 05.87	167 54.64	S14 46.68	172 11.04	S16 34.02	258 20.30	N16 26.85	313 54.45	N22 02.51	119 28.03	S23 12.14	174 51.33	08.99	S14 22.16	13.20	59.60
21	053 08.33	182 54.80	S14 47.22	187 11.90	S16 34.48	273 22.96	N16 26.92	328 57.13	N22 02.51	134 27.73	S23 11.99	189 19.33	08.92	S14 35.36	13.12	59.60
22	068 10.79	197 54.97	S14 47.76	202 12.75	S16 34.95	288 25.62	N16 26.99	343 59.81	N22 02.50	149 27.43	S23 11.84	203 47.25	08.85	S14 48.48	13.04	59.60
23	083 13.26	212 55.13	S14 48.30	217 13.61	S16 35.41	303 28.28	N16 27.06	359 02.48	N22 02.50	164 27.12	S23 11.68	218 15.10	08.77	S15 01.52	12.95	59.60
30 00	098 15.72	227 55.29	S14 48.83	232 14.46	S16 35.88	318 30.94	N16 27.13	014 05.16	N22 02.50	179 26.82	S23 11.53	232 42.87	08.70	S15 14.47	12.86	59.60
01	113 18.19	242 55.45	S14 49.37	247 15.31	S16 36.34	333 33.60	N16 27.20	029 07.84	N22 02.50	194 26.52	S23 11.37	247 10.57	08.63	S15 27.33	12.77	59.60
02	128 20.65	257 55.61	S14 49.91	262 16.17	S16 36.80	348 36.26	N16 27.27	044 10.51	N22 02.49	209 26.21	S23 11.22	261 38.20	08.55	S15 40.10	12.68	59.60
03	143 23.12	272 55.77	S14 50.45	277 17.02	S16 37.27	003 38.92	N16 27.34	059 13.19	N22 02.49	224 25.91	S23 11.06	276 05.75	08.48	S15 52.78	12.59	59.60
04	158 25.58	287 55.92	S14 50.99	292 17.87	S16 37.73	018 41.59	N16 27.41	074 15.87	N22 02.49	239 25.61	S23 10.90	290 33.22	08.40	S16 05.37	12.49	59.60
05	173 28.04	302 56.08	S14 51.52	307 18.73	S16 38.19	033 44.25	N16 27.48	089 18.54	N22 02.49	254 25.30	S23 10.74	305 00.62	08.32	S16 17.86	12.40	59.60
06	188 30.51	317 56.23	S14 52.06	322 19.58	S16 38.66	048 46.91	N16 27.55	104 21.22	N22 02.48	269 25.00	S23 10.58	319 27.94	08.25	S16 30.25	12.30	59.59
07	203 32.97	332 56.39	S14 52.60	337 20.43	S16 39.12	063 49.57	N16 27.62	119 23.90	N22 02.48	284 24.70	S23 10.42	333 55.19	08.17	S16 42.55	12.20	59.59
08	218 35.44	347 56.54	S14 53.14	352 21.28	S16 39.58	078 52.24	N16 27.69	134 26.57	N22 02.48	299 24.40	S23 10.26	348 22.36	08.09	S16 54.75	12.10	59.59
09	233 37.90	002 56.69	S14 53.68	007 22.14	S16 40.04	093 54.90	N16 27.76	149 29.25	N22 02.48	314 24.09	S23 10.10	002 49.46	08.02	S17 06.85	12.00	59.59
10	248 40.36	017 56.84	S14 54.22	022 22.99	S16 40.51	108 57.56	N16 27.83	164 31.93	N22 02.47	329 23.79	S23 09.94	017 16.48	07.94	S17 18.84	11.89	59.59
11	263 42.83	032 56.99	S14 54.76	037 23.84	S16 40.97	124 00.23	N16 27.90	179 34.60	N22 02.47	344 23.49	S23 09.77	031 43.42	07.86	S17 30.74	11.79	59.58
12	278 45.29	047 57.13	S14 55.29	052 24.69	S16 41.43	139 02.89	N16 27.97	194 37.28	N22 02.47	359 23.19	S23 09.61	046 10.28	07.79	S17 42.52	11.68	59.58
13	293 47.76	062 57.28	S14 55.83	067 25.54	S16 41.89	154 05.55	N16 28.04	209 39.96	N22 02.47	014 22.88	S23 09.44	060 37.07	07.71	S17 54.20	11.57	59.58
14	308 50.22	077 57.42	S14 56.37	082 26.40	S16 42.35	169 08.22	N16 28.11	224 42.63	N22 02.46	029 22.58	S23 09.28	075 03.78	07.63	S18 05.77	11.46	59.58
15	323 52.69	092 57.57	S14 56.91	097 27.25	S16 42.81	184 10.88	N16 28.18	239 45.31	N22 02.46	044 22.28	S23 09.11	089 30.41	07.56	S18 17.23	11.35	59.57
16	338 55.15	107 57.71	S14 57.45	112 28.10	S16 43.27	199 13.55	N16 28.25	254 47.99	N22 02.46	059 21.98	S23 08.94	103 56.97	07.48	S18 28.57	11.23	59.57
17	353 57.61	122 57.85	S14 57.99	127 28.95	S16 43.74	214 16.22	N16 28.32	269 50.66	N22 02.46	074 21.68	S23 08.77	118 23.44	07.40	S18 39.80	11.12	59.56
18	009 00.08	137 57.99	S14 58.53	142 29.80	S16 44.20	229 18.88	N16 28.39	284 53.34	N22 02.46	089 21.37	S23 08.60	132 49.85	07.33	S18 50.92	11.00	59.56
19	024 02.54	152 58.13	S14 59.07	157 30.65	S16 44.66	244 21.55	N16 28.46	299 56.01	N22 02.45	104 21.07	S23 08.43	147 16.17	07.25	S19 01.92	10.88	59.55
20	039 05.01	167 58.27	S14 59.61	172 31.50	S16 45.12	259 24.21	N16 28.53	314 58.69	N22 02.45	119 20.77	S23 08.26	161 42.42	07.17	S19 12.80	10.76	59.55
21	054 07.47	182 58.40	S15 00.15	187 32.35	S16 45.58	274 26.88	N16 28.61	330 01.36	N22 02.45	134 20.47	S23 08.09	176 08.59	07.10	S19 23.56	10.64	59.54
22	069 09.93	197 58.54	S15 00.69	202 33.20	S16 46.04	289 29.55	N16 28.68	345 04.04	N22 02.45	149 20.17	S23 07.92	190 34.69	07.02	S19 34.20	10.52	59.54
23	084 12.40	212 58.67	S15 01.23	217 34.05	S16 46.50	304 32.21	N16 28.75	000 06.72	N22 02.44	164 19.87	S23 07.74	205 00.71	06.95	S19 44.72	10.39	59.53
		v 0.16	d 0.54	v 0.85	d 0.46	v 2.66	d 0.07	v 2.68	d 0.00	v -0.30	d 0.16	SD	16.23	16.24		
		HP 0.25		HP 0.07						SD 16.26	HP 0.15					

Tuesday December 31, 2002 through Wednesday January 01, 2003

UT	ARIES	VENUS		MARS		JUPITER		SATURN		SUN		MOON				
	GHA	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec	GHA	v	Dec	d	HP
d h	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	′	° ′	′	′
31 00	099 14.86	227 58.80	S15 01.77	232 34.91	S16 46.96	319 34.88	N16 28.82	015 09.39	N22 02.44	179 19.57	S23 07.57	219 26.65	06.87	S19 55.11	10.27	59.53
01	114 17.33	242 58.94	S15 02.31	247 35.76	S16 47.41	334 37.55	N16 28.89	030 12.07	N22 02.44	194 19.27	S23 07.40	233 52.53	06.80	S20 05.38	10.14	59.52
02	129 19.79	257 59.07	S15 02.85	262 36.61	S16 47.87	349 40.22	N16 28.96	045 14.74	N22 02.44	209 18.97	S23 07.22	248 18.32	06.72	S20 15.52	10.01	59.51
03	144 22.26	272 59.19	S15 03.39	277 37.46	S16 48.33	004 42.89	N16 29.03	060 17.42	N22 02.43	224 18.66	S23 07.04	262 44.04	06.65	S20 25.53	09.88	59.51
04	159 24.72	287 59.32	S15 03.94	292 38.31	S16 48.79	019 45.55	N16 29.11	075 20.09	N22 02.43	239 18.36	S23 06.87	277 09.69	06.58	S20 35.40	09.75	59.50
05	174 27.18	302 59.45	S15 04.48	307 39.16	S16 49.25	034 48.22	N16 29.18	090 22.77	N22 02.43	254 18.06	S23 06.69	291 35.27	06.50	S20 45.15	09.61	59.49
06	189 29.65	317 59.58	S15 05.02	322 40.00	S16 49.71	049 50.89	N16 29.25	105 25.44	N22 02.43	269 17.76	S23 06.51	306 00.77	06.43	S20 54.77	09.48	59.48
07	204 32.11	332 59.70	S15 05.56	337 40.85	S16 50.16	064 53.56	N16 29.32	120 28.12	N22 02.42	284 17.46	S23 06.33	320 26.21	06.36	S21 04.24	09.34	59.47
08	219 34.58	347 59.82	S15 06.10	352 41.70	S16 50.62	079 56.23	N16 29.39	135 30.79	N22 02.42	299 17.16	S23 06.15	334 51.57	06.29	S21 13.59	09.21	59.47
09	234 37.04	002 59.95	S15 06.64	007 42.55	S16 51.08	094 58.90	N16 29.46	150 33.47	N22 02.42	314 16.86	S23 05.97	349 16.86	06.22	S21 22.79	09.07	59.46
10	249 39.50	018 00.07	S15 07.18	022 43.40	S16 51.54	110 01.57	N16 29.54	165 36.14	N22 02.42	329 16.56	S23 05.78	003 42.09	06.16	S21 31.86	08.93	59.45
11	264 41.97	033 00.19	S15 07.72	037 44.25	S16 51.99	125 04.24	N16 29.61	180 38.82	N22 02.42	344 16.26	S23 05.60	018 07.24	06.09	S21 40.78	08.78	59.44
12	279 44.43	048 00.31	S15 08.27	052 45.10	S16 52.45	140 06.91	N16 29.68	195 41.49	N22 02.41	359 15.96	S23 05.42	032 32.33	06.02	S21 49.57	08.64	59.43
13	294 46.90	063 00.42	S15 08.81	067 45.95	S16 52.91	155 09.59	N16 29.75	210 44.17	N22 02.41	014 15.66	S23 05.23	046 57.35	05.96	S21 58.21	08.50	59.42
14	309 49.36	078 00.54	S15 09.35	082 46.80	S16 53.36	170 12.26	N16 29.83	225 46.84	N22 02.41	029 15.36	S23 05.05	061 22.31	05.89	S22 06.71	08.35	59.41
15	324 51.83	093 00.66	S15 09.89	097 47.65	S16 53.82	185 14.93	N16 29.90	240 49.52	N22 02.41	044 15.07	S23 04.86	075 47.20	05.83	S22 15.06	08.20	59.40
16	339 54.29	108 00.77	S15 10.43	112 48.49	S16 54.28	200 17.60	N16 29.97	255 52.19	N22 02.40	059 14.77	S23 04.67	090 12.03	05.77	S22 23.26	08.06	59.39
17	354 56.75	123 00.88	S15 10.97	127 49.34	S16 54.73	215 20.27	N16 30.04	270 54.86	N22 02.40	074 14.47	S23 04.49	104 36.79	05.71	S22 31.32	07.91	59.38
18	009 59.22	138 00.99	S15 11.52	142 50.19	S16 55.19	230 22.95	N16 30.12	285 57.54	N22 02.40	089 14.17	S23 04.30	119 01.50	05.65	S22 39.23	07.76	59.37
19	025 01.68	153 01.10	S15 12.06	157 51.04	S16 55.64	245 25.62	N16 30.19	301 00.21	N22 02.40	104 13.87	S23 04.11	133 26.14	05.59	S22 46.98	07.61	59.35
20	040 04.15	168 01.21	S15 12.60	172 51.89	S16 56.10	260 28.29	N16 30.26	316 02.89	N22 02.39	119 13.57	S23 03.92	147 50.73	05.53	S22 54.59	07.45	59.34
21	055 06.61	183 01.32	S15 13.14	187 52.73	S16 56.55	275 30.97	N16 30.34	331 05.56	N22 02.39	134 13.27	S23 03.73	162 15.26	05.47	S23 02.04	07.30	59.33
22	070 09.08	198 01.43	S15 13.69	202 53.58	S16 57.01	290 33.64	N16 30.41	346 08.23	N22 02.39	149 12.97	S23 03.53	176 39.73	05.42	S23 09.34	07.14	59.32
23	085 11.54	213 01.54	S15 14.23	217 54.43	S16 57.46	305 36.31	N16 30.48	001 10.91	N22 02.39	164 12.68	S23 03.34	191 04.15	05.37	S23 16.48	06.99	59.30
01 00	100 14.00	228 01.64	S15 14.77	232 55.27	S16 57.92	320 38.99	N16 30.55	016 13.58	N22 02.39	179 12.38	S23 03.15	205 28.52	05.31	S23 23.47	06.83	59.29
01	115 16.47	243 01.75	S15 15.31	247 56.12	S16 58.37	335 41.66	N16 30.63	031 16.26	N22 02.38	194 12.08	S23 02.95	219 52.83	05.26	S23 30.30	06.67	59.28
02	130 18.93	258 01.85	S15 15.86	262 56.97	S16 58.82	350 44.34	N16 30.70	046 18.93	N22 02.38	209 11.78	S23 02.76	234 17.10	05.22	S23 36.98	06.51	59.26
03	145 21.40	273 01.95	S15 16.40	277 57.82	S16 59.28	005 47.01	N16 30.77	061 21.60	N22 02.38	224 11.48	S23 02.56	248 41.31	05.17	S23 43.49	06.35	59.25
04	160 23.86	288 02.05	S15 16.94	292 58.66	S16 59.73	020 49.69	N16 30.85	076 24.28	N22 02.38	239 11.19	S23 02.37	263 05.48	05.12	S23 49.85	06.19	59.24
05	175 26.33	303 02.15	S15 17.48	307 59.51	S17 00.18	035 52.36	N16 30.92	091 26.95	N22 02.37	254 10.89	S23 02.17	277 29.60	05.08	S23 56.04	06.03	59.22
06	190 28.79	318 02.25	S15 18.03	323 00.36	S17 00.64	050 55.04	N16 31.00	106 29.62	N22 02.37	269 10.59	S23 01.97	291 53.68	05.04	S24 02.07	05.87	59.21
07	205 31.25	333 02.34	S15 18.57	338 01.20	S17 01.09	065 57.72	N16 31.07	121 32.30	N22 02.37	284 10.29	S23 01.77	306 17.72	05.00	S24 07.94	05.71	59.19
08	220 33.72	348 02.44	S15 19.11	353 02.05	S17 01.54	081 00.39	N16 31.14	136 34.97	N22 02.37	299 10.00	S23 01.57	320 41.72	04.96	S24 13.65	05.54	59.17
09	235 36.18	003 02.53	S15 19.65	008 02.89	S17 02.00	096 03.07	N16 31.22	151 37.64	N22 02.37	314 09.70	S23 01.37	335 05.68	04.92	S24 19.19	05.38	59.16
10	250 38.65	018 02.63	S15 20.20	023 03.74	S17 02.45	111 05.75	N16 31.29	166 40.32	N22 02.36	329 09.40	S23 01.17	349 29.60	04.89	S24 24.57	05.21	59.14
11	265 41.11	033 02.72	S15 20.74	038 04.59	S17 02.90	126 08.43	N16 31.37	181 42.99	N22 02.36	344 09.11	S23 00.97	003 53.49	04.85	S24 29.78	05.05	59.13
12	280 43.57	048 02.81	S15 21.28	053 05.43	S17 03.35	141 11.10	N16 31.44	196 45.66	N22 02.36	359 08.81	S23 00.76	018 17.34	04.82	S24 34.82	04.88	59.11
13	295 46.04	063 02.90	S15 21.83	068 06.28	S17 03.80	156 13.78	N16 31.51	211 48.33	N22 02.36	014 08.51	S23 00.56	032 41.17	04.79	S24 39.70	04.71	59.09
14	310 48.50	078 02.99	S15 22.37	083 07.12	S17 04.25	171 16.46	N16 31.59	226 51.01	N22 02.35	029 08.22	S23 00.36	047 04.96	04.77	S24 44.41	04.54	59.08
15	325 50.97	093 03.08	S15 22.91	098 07.97	S17 04.71	186 19.14	N16 31.66	241 53.68	N22 02.35	044 07.92	S23 00.15	061 28.73	04.74	S24 48.95	04.37	59.06
16	340 53.43	108 03.17	S15 23.46	113 08.81	S17 05.16	201 21.82	N16 31.74	256 56.35	N22 02.35	059 07.62	S22 59.94	075 52.47	04.72	S24 53.33	04.20	59.04
17	355 55.90	123 03.25	S15 24.00	128 09.66	S17 05.61	216 24.50	N16 31.81	271 59.02	N22 02.35	074 07.33	S22 59.74	090 16.19	04.70	S24 57.53	04.03	59.02
18	010 58.36	138 03.34	S15 24.54	143 10.50	S17 06.06	231 27.18	N16 31.89	287 01.70	N22 02.35	089 07.03	S22 59.53	104 39.89	04.68	S25 01.57	03.86	59.00
19	026 00.82	153 03.42	S15 25.09	158 11.35	S17 06.51	246 29.86	N16 31.96	302 04.37	N22 02.34	104 06.74	S22 59.32	119 03.57	04.66	S25 05.43	03.69	58.99
20	041 03.29	168 03.50	S15 25.63	173 12.19	S17 06.96	261 32.54	N16 32.04	317 07.04	N22 02.34	119 06.44	S22 59.11	133 27.23	04.65	S25 09.12	03.52	58.97
21	056 05.75	183 03.58	S15 26.17	188 13.04	S17 07.41	276 35.22	N16 32.11	332 09.71	N22 02.34	134 06.15	S22 58.90	147 50.88	04.63	S25 12.65	03.35	58.95
22	071 08.22	198 03.66	S15 26.72	203 13.88	S17 07.86	291 37.90	N16 32.19	347 12.39	N22 02.34	149 05.85	S22 58.69	162 14.51	04.62	S25 16.00	03.18	58.93
23	086 10.68	213 03.74	S15 27.26	218 14.72	S17 08.31	306 40.58	N16 32.26	002 15.06	N22 02.33	164 05.55	S22 58.48	176 38.14	04.62	S25 19.18	03.01	58.91
		v 0.10	d 0.54	v 0.85	d 0.45	v 2.67	d 0.07	v 2.67	d 0.00	v -0.30	d 0.19	SD	16.19	16.11		
		HP 0.25		HP 0.07						SD 16.26	HP 0.15					