

## JANUARY 2009

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Sun</b>	<b>–Hamal</b>	<b>–Menkar</b>	<b>–Aldebaran</b>	<b>–Elnath</b>
0	49 5.7 3288	68 2.7 2922	75 28.7 3134	100 16.7 2972	112 38.1 2906
3	50 30.2 3279	66 30.8 2914	74 1.2 3130	98 45.9 2964	111 5.9 2898
6	51 54.7 3268	64 58.8 2905	72 33.7 3125	97 14.9 2954	109 33.6 2889
9	53 19.5 3258	63 26.6 2897	71 6.0 3120	95 43.8 2945	108 1.0 2880
12	54 44.6 3247	61 54.2 2888	69 38.3 3116	94 12.4 2935	106 28.3 2870
15	56 9.8 3237	60 21.7 2879	68 10.4 3111	92 40.9 2925	104 55.4 2860
18	57 35.2 3225	58 48.9 2870	66 42.5 3107	91 9.1 2915	103 22.2 2851
21	59 0.8 3214	57 16.0 2860	65 14.5 3104	89 37.1 2905	101 48.8 2840
<b>2 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Elnath</b>
0	60 26.7 3202	14 25.2 3319	55 42.8 2850	88 4.9 2895	100 15.3 2830
3	61 52.8 3190	15 49.0 3292	54 9.4 2840	86 32.5 2884	98 41.5 2819
6	63 19.1 3178	17 13.3 3268	52 35.9 2830	84 59.8 2873	97 7.4 2808
9	64 45.7 3165	18 38.2 3246	51 2.1 2820	83 27.0 2862	95 33.1 2797
12	66 12.6 3152	20 3.4 3225	49 28.0 2809	81 53.9 2851	93 58.6 2784
15	67 39.7 3139	21 29.0 3206	47 53.8 2798	80 20.5 2839	92 23.8 2772
18	69 7.0 3126	22 55.1 3187	46 19.3 2788	78 46.9 2828	90 48.7 2760
21	70 34.7 3111	24 21.5 3169	44 44.6 2777	77 13.0 2816	89 13.4 2747
<b>3 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Elnath</b>
0	72 2.6 3098	25 48.2 3152	43 9.6 2766	75 38.9 2804	87 37.8 2735
3	73 30.8 3083	27 15.3 3134	41 34.4 2754	74 4.6 2792	86 1.9 2721
6	74 59.3 3068	28 42.8 3116	39 58.9 2744	72 29.9 2780	84 25.7 2708
9	76 28.1 3053	30 10.6 3099	38 23.2 2732	70 55.1 2768	82 49.3 2694
12	77 57.2 3038	31 38.8 3081	36 47.3 2722	69 19.9 2755	81 12.5 2680
15	79 26.6 3022	33 7.3 3064	35 11.1 2711	67 44.5 2743	79 35.4 2666
18	80 56.4 3006	34 36.2 3046	33 34.7 2700	66 8.8 2730	77 58.0 2651
21	82 26.5 2990	36 5.4 3030	31 58.1 2691	64 32.8 2718	76 20.2 2637
<b>4 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Aldebaran</b>	<b>–Capella</b>	<b>–Elnath</b>
0	83 56.9 2973	37 35.0 3011	62 56.5 2705	73 48.9 2886	74 42.2 2621
3	85 27.6 2957	39 5.0 2994	61 20.0 2693	72 16.3 2876	73 3.7 2607
6	86 58.7 2940	40 35.3 2975	59 43.2 2680	70 43.5 2866	71 25.0 2591
9	88 30.2 2923	42 6.1 2958	58 6.1 2668	69 10.5 2856	69 45.9 2575
12	90 2.0 2906	43 37.1 2939	56 28.7 2656	67 37.2 2847	68 6.4 2560
15	91 34.2 2888	45 8.6 2921	54 51.1 2644	66 3.8 2839	66 26.6 2544
18	93 6.7 2871	46 40.5 2902	53 13.2 2632	64 30.2 2831	64 46.4 2527
21	94 39.6 2853	48 12.7 2884	51 35.0 2621	62 56.4 2824	63 5.8 2511
<b>5 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Pollux</b>
0	96 12.9 2835	49 45.4 2865	49 56.5 2610	61 24.9 2495	91 43.7 2511
3	97 46.6 2817	51 18.4 2847	48 17.9 2600	59 43.5 2478	90 2.7 2494
6	99 20.7 2799	52 51.9 2828	46 39.0 2590	58 1.8 2462	88 21.4 2477
9	100 55.2 2780	54 25.7 2809	44 59.8 2581	56 19.7 2445	86 39.7 2460
12	102 30.1 2763	55 60.0 2790	43 20.5 2573	54 37.2 2428	84 57.5 2443
15	104 5.3 2745	57 34.6 2772	41 41.0 2567	52 54.3 2411	83 15.0 2427
18	105 41.0 2725	59 9.7 2752	40 1.3 2561	51 11.0 2394	81 32.1 2410
21	107 17.1 2708	60 45.2 2734	38 21.5 2558	49 27.3 2378	79 48.7 2393

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<b>6 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Elnath</b>	<b>–Pollux</b>	<b>–Procyon</b>
0	108 53.6 2689	62 21.1 2715	47 43.2 2361	78 5.0 2377	82 59.1 2560
3	110 30.5 2671	63 57.5 2696	45 58.7 2344	76 20.9 2360	81 19.3 2545
6	112 7.8 2653	65 34.2 2677	44 13.8 2327	74 36.3 2343	79 39.1 2530
9	113 45.5 2635	67 11.4 2659	42 28.5 2311	72 51.4 2327	77 58.6 2517
12	115 23.6 2617	68 48.9 2641	40 42.7 2294	71 6.1 2311	76 17.8 2503
15	117 2.1 2599	70 26.9 2622	38 56.6 2278	69 20.4 2295	74 36.7 2490
18	118 41.0 2581	72 5.3 2604	37 10.1 2262	67 34.3 2279	72 55.2 2478
21	120 20.4 2564	73 44.2 2586	35 23.2 2246	65 47.8 2263	71 13.5 2466
<b>7 UT</b>	<b>+Venus</b>	<b>–Elnath</b>	<b>–Pollux</b>	<b>–Procyon</b>	<b>–Regulus</b>
0	75 23.4 2569	33 35.9 2231	64 0.9 2248	69 31.5 2455	100 54.5 2229
3	77 3.0 2551	31 48.2 2216	62 13.6 2233	67 49.2 2446	99 6.8 2213
6	78 43.0 2534	30 0.1 2201	60 26.0 2218	66 6.7 2437	97 18.7 2197
9	80 23.4 2518	28 11.7 2187	58 38.0 2204	64 24.0 2429	95 30.2 2182
12	82 4.2 2501	26 22.9 2173	56 49.6 2190	62 41.2 2423	93 41.3 2167
15	83 45.4 2486	24 33.8 2160	55 1.0 2177	60 58.1 2417	91 52.0 2153
18	85 27.0 2470	22 44.3 2147	53 11.9 2164	59 15.0 2414	90 2.4 2139
21	87 8.9 2455	20 54.5 2135	51 22.6 2152	57 31.8 2412	88 12.4 2125
<b>8 UT</b>	<b>+Venus</b>	<b>+Hamal</b>	<b>–Elnath</b>	<b>–Pollux</b>	<b>–Regulus</b>
0	88 51.1 2440	26 4.0 2181	19 4.5 2125	49 32.9 2140	86 22.1 2112
3	90 33.8 2427	27 52.9 2160	17 14.1 2116	47 43.0 2129	84 31.4 2099
6	92 16.7 2413	29 42.3 2140	15 23.6 2109	45 52.7 2119	82 40.4 2087
9	93 60.0 2400	31 32.3 2123	13 32.8 2105	44 2.3 2110	80 49.1 2075
12	95 43.5 2387	33 22.7 2107	11 42.0 2106	42 11.5 2101	78 57.5 2064
15	97 27.4 2376	35 13.5 2092	9 51.2 2117	40 20.6 2094	77 5.6 2053
18	99 11.5 2364	37 4.7 2078	8 0.6 2148	38 29.5 2088	75 13.4 2043
21	100 55.9 2355	38 56.2 2066	6 10.9 2234	36 38.2 2083	73 20.9 2034
<b>9 UT</b>	<b>+Venus</b>	<b>+Hamal</b>	<b>–Pollux</b>	<b>–Regulus</b>	<b>–Saturn</b>
0	102 40.6 2345	40 48.1 2054	34 46.8 2079	71 28.3 2024	93 2.4 2037
3	104 25.5 2336	42 40.2 2044	32 55.3 2077	69 35.3 2017	91 9.8 2029
6	106 10.6 2327	44 32.6 2034	31 3.7 2077	67 42.2 2009	89 17.0 2021
9	107 55.9 2320	46 25.3 2025	29 12.1 2079	65 48.9 2002	87 24.0 2014
12	109 41.4 2314	48 18.2 2018	27 20.6 2085	63 55.4 1996	85 30.8 2008
15	111 27.0 2308	50 11.3 2011	25 29.3 2093	62 1.7 1991	83 37.4 2003
18	113 12.8 2302	52 4.6 2005	23 38.1 2105	60 7.9 1986	81 43.9 1998
21	114 58.8 2299	53 58.1 2000	21 47.3 2124	58 14.0 1983	79 50.3 1995
<b>10 UT</b>	<b>+Hamal</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>–Regulus</b>	<b>–Saturn</b>
0	55 51.6 1996	25 11.8 2343	11 9.5 2011	56 20.0 1980	77 56.6 1992
3	57 45.3 1992	26 56.7 2295	13 2.7 2000	54 25.9 1978	76 2.9 1990
6	59 39.1 1990	28 42.8 2256	14 56.3 1992	52 31.8 1976	74 9.0 1988
9	61 32.9 1988	30 29.9 2225	16 50.0 1987	50 37.6 1976	72 15.2 1988
12	63 26.8 1988	32 17.7 2199	18 43.9 1984	48 43.4 1976	70 21.3 1988
15	65 20.6 1988	34 6.2 2179	20 37.9 1983	46 49.2 1978	68 27.4 1990
18	67 14.5 1989	35 55.1 2162	22 32.0 1982	44 55.1 1979	66 33.6 1992
21	69 8.4 1991	37 44.5 2149	24 26.0 1983	43 1.0 1982	64 39.9 1995

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<b>11 UT</b>	+Aldebaran	+Elnath	–Regulus	–Saturn	–Spica
0	39 34.3 2138	26 20.0 1985	41 6.9 1986	62 46.2 1999	95 10.2 1983
3	41 24.3 2131	28 13.9 1988	39 13.0 1991	60 52.6 2004	93 16.2 1988
6	43 14.5 2125	30 7.8 1992	37 19.2 1997	58 59.1 2010	91 22.4 1992
9	45 4.8 2122	32 1.6 1998	35 25.6 2003	57 5.9 2017	89 28.6 1998
12	46 55.2 2121	33 55.2 2003	33 32.1 2011	55 12.7 2025	87 35.0 2004
15	48 45.6 2121	35 48.7 2010	31 38.8 2019	53 19.8 2033	85 41.6 2012
18	50 36.1 2123	37 42.0 2017	29 45.8 2029	51 27.1 2043	83 48.3 2019
21	52 26.5 2126	39 35.1 2026	27 52.9 2039	49 34.7 2054	81 55.3 2028
<b>12 UT</b>	+Aldebaran	+Elnath	–Regulus	–Saturn	–Spica
0	54 16.8 2131	41 27.9 2035	26 0.4 2051	47 42.5 2065	80 2.4 2038
3	56 7.0 2136	43 20.6 2044	24 8.2 2065	45 50.7 2077	78 9.8 2048
6	57 57.0 2143	45 13.0 2055	22 16.3 2079	43 59.1 2092	76 17.5 2059
9	59 46.9 2151	47 5.1 2066	20 24.8 2096	42 7.9 2106	74 25.5 2070
12	61 36.6 2160	48 57.0 2078	18 33.7 2114	40 17.1 2122	72 33.7 2082
15	63 26.0 2170	50 48.5 2090	16 43.1 2137	38 26.7 2139	70 42.3 2095
18	65 15.2 2181	52 39.7 2104	14 53.1 2164	36 36.7 2158	68 51.2 2109
21	67 4.2 2192	54 30.6 2117	13 3.7 2197	34 47.2 2177	67 0.4 2122
<b>13 UT</b>	+Aldebaran	+Elnath	+Pollux	–Saturn	–Spica
0	68 52.8 2205	56 21.1 2131	26 29.3 2216	32 58.2 2199	65 10.0 2137
3	70 41.1 2218	58 11.3 2146	28 17.4 2221	31 9.7 2222	63 20.0 2152
6	72 29.1 2232	60 1.1 2162	30 5.3 2228	29 21.8 2248	61 30.4 2168
9	74 16.8 2247	61 50.5 2177	31 53.0 2237	27 34.5 2275	59 41.1 2184
12	76 4.1 2262	63 39.5 2193	33 40.6 2248	25 48.0 2307	57 52.2 2200
15	77 51.0 2277	65 28.1 2210	35 27.8 2260	24 2.2 2342	56 3.8 2217
18	79 37.5 2294	67 16.3 2227	37 14.8 2273	22 17.2 2382	54 15.8 2235
21	81 23.6 2310	69 4.1 2245	39 1.4 2287	20 33.2 2430	52 28.2 2253
<b>14 UT</b>	+Elnath	+Pollux	+Regulus	–Spica	–Antares
0	70 51.4 2263	40 47.7 2302	4 11.9 2814	50 41.1 2271	96 26.4 2261
3	72 38.3 2280	42 33.7 2317	5 46.0 2573	48 54.4 2290	94 39.4 2279
6	74 24.8 2298	44 19.2 2333	7 25.6 2478	47 8.2 2308	92 52.9 2297
9	76 10.8 2317	46 4.4 2349	9 7.3 2439	45 22.4 2328	91 6.9 2316
12	77 56.4 2336	47 49.2 2366	10 49.9 2423	43 37.1 2347	89 21.3 2334
15	79 41.5 2355	49 33.6 2383	12 32.9 2421	41 52.3 2367	87 36.1 2353
18	81 26.2 2374	51 17.5 2401	14 16.0 2425	40 7.9 2387	85 51.4 2372
21	83 10.3 2393	53 1.1 2419	15 59.0 2434	38 24.0 2408	84 7.2 2391
<b>15 UT</b>	+Pollux	+Procyon	+Regulus	–Spica	–Antares
0	54 44.2 2437	52 3.0 2731	17 41.7 2446	36 40.7 2428	82 23.4 2410
3	56 26.9 2455	53 39.0 2736	19 24.2 2460	34 57.8 2449	80 40.1 2430
6	58 9.2 2474	55 14.8 2744	21 6.4 2475	33 15.4 2470	78 57.2 2449
9	59 51.0 2492	56 50.5 2752	22 48.2 2491	31 33.5 2492	77 14.8 2469
12	61 32.4 2511	58 26.0 2761	24 29.6 2507	29 52.1 2514	75 32.9 2488
15	63 13.3 2529	60 1.3 2771	26 10.6 2524	28 11.2 2537	73 51.4 2507
18	64 53.9 2548	61 36.4 2782	27 51.3 2542	26 30.8 2559	72 10.3 2526
21	66 34.0 2566	63 11.2 2793	29 31.5 2559	24 51.0 2582	70 29.8 2545

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<b>16 UT</b>	<b>+Pollux</b>	<b>+Regulus</b>	<b>–Spica</b>	<b>–Antares</b>	<b>–Sun</b>
0	68 13.7 2585	31 11.3 2577	23 11.7 2607	68 49.6 2564	115 4.7 2910
3	69 52.9 2604	32 50.8 2595	21 32.9 2633	67 9.9 2583	113 32.6 2931
6	71 31.7 2622	34 29.8 2613	19 54.7 2660	65 30.6 2602	112 0.9 2951
9	73 10.1 2639	36 8.4 2630	18 17.2 2689	63 51.7 2620	110 29.7 2971
12	74 48.2 2658	37 46.6 2648	16 40.3 2722	62 13.3 2639	108 58.9 2991
15	76 25.8 2676	39 24.5 2665	15 4.1 2760	60 35.2 2657	107 28.5 3011
18	78 3.0 2693	41 1.9 2683	13 28.8 2805	58 57.6 2674	105 58.5 3029
21	79 39.8 2710	42 38.9 2699	11 54.5 2863	57 20.4 2692	104 28.9 3048
<b>17 UT</b>	<b>+Pollux</b>	<b>+Regulus</b>	<b>+Saturn</b>	<b>–Antares</b>	<b>–Sun</b>
0	81 16.2 2728	44 15.6 2716	23 27.0 2829	55 43.6 2709	102 59.7 3067
3	82 52.2 2745	45 51.9 2733	25 0.9 2831	54 7.1 2726	101 30.9 3086
6	84 27.9 2761	47 27.8 2749	26 34.6 2835	52 31.0 2743	100 2.5 3104
9	86 3.2 2777	49 3.4 2766	28 8.3 2842	50 55.3 2759	98 34.4 3121
12	87 38.1 2793	50 38.6 2781	29 41.9 2848	49 20.0 2775	97 6.7 3139
15	89 12.8 2809	52 13.4 2796	31 15.3 2857	47 45.0 2791	95 39.3 3156
18	90 47.0 2825	53 48.0 2812	32 48.5 2866	46 10.4 2807	94 12.3 3172
21	92 20.9 2839	55 22.2 2826	34 21.6 2875	44 36.0 2821	92 45.6 3188
<b>18 UT</b>	<b>+Pollux</b>	<b>+Regulus</b>	<b>+Saturn</b>	<b>–Antares</b>	<b>–Sun</b>
0	93 54.5 2854	56 56.1 2841	35 54.4 2885	43 2.0 2836	91 19.2 3204
3	95 27.8 2868	58 29.6 2855	37 27.0 2895	41 28.4 2851	89 53.1 3220
6	97 0.8 2882	60 2.9 2868	38 59.4 2905	39 55.0 2864	88 27.4 3235
9	98 33.5 2895	61 35.9 2881	40 31.6 2915	38 21.9 2877	87 1.9 3249
12	100 5.9 2909	63 8.6 2894	42 3.6 2925	36 49.1 2890	85 36.7 3263
15	101 38.0 2922	64 41.0 2907	43 35.4 2935	35 16.6 2903	84 11.9 3277
18	103 9.9 2934	66 13.1 2919	45 7.0 2945	33 44.4 2915	82 47.2 3290
21	104 41.5 2945	67 45.0 2930	46 38.3 2954	32 12.4 2926	81 22.8 3303
<b>19 UT</b>	<b>+Regulus</b>	<b>+Saturn</b>	<b>+Spica</b>	<b>–Antares</b>	<b>–Sun</b>
0	69 16.7 2942	48 9.5 2963	15 26.4 3018	30 40.6 2938	79 58.7 3315
3	70 48.1 2953	49 40.5 2973	16 56.2 3016	29 9.1 2949	78 34.8 3327
6	72 19.3 2963	51 11.2 2981	18 26.1 3017	27 37.8 2959	77 11.2 3338
9	73 50.3 2972	52 41.8 2989	19 55.9 3018	26 6.8 2969	75 47.7 3348
12	75 21.1 2982	54 12.2 2998	21 25.7 3022	24 35.9 2978	74 24.5 3360
15	76 51.6 2991	55 42.5 3005	22 55.5 3026	23 5.3 2987	73 1.4 3369
18	78 22.0 3000	57 12.6 3014	24 25.2 3030	21 34.8 2996	71 38.6 3379
21	79 52.2 3008	58 42.5 3020	25 54.7 3035	20 4.5 3004	70 15.9 3387
<b>20 UT</b>	<b>+Regulus</b>	<b>+Saturn</b>	<b>+Spica</b>	<b>–Antares</b>	<b>–Sun</b>
0	81 22.3 3016	60 12.3 3027	27 24.2 3040	18 34.4 3012	68 53.4 3396
3	82 52.2 3023	61 41.9 3034	28 53.6 3044	17 4.5 3019	67 31.0 3404
6	84 21.9 3030	63 11.4 3040	30 22.9 3049	15 34.7 3026	66 8.9 3412
9	85 51.5 3036	64 40.8 3046	31 52.1 3054	14 5.0 3033	64 46.8 3419
12	87 20.9 3042	66 10.1 3050	33 21.2 3058	12 35.5 3038	63 24.9 3424
15	88 50.3 3048	67 39.2 3056	34 50.2 3062	11 6.1 3044	62 3.1 3431
18	90 19.5 3054	69 8.3 3061	36 19.1 3067	9 36.8 3050	60 41.4 3437
21	91 48.6 3058	70 37.2 3065	37 47.9 3070	8 7.6 3054	59 19.8 3442

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<b>21 UT</b>	<b>+Saturn</b>	<b>+Gienah</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>–Sun</b>
0	72 6.1 3069	52 24.3 3160	39 16.7 3074	18 43.5 3253	57 58.4 3447
3	73 34.9 3072	53 51.2 3160	40 45.4 3076	20 8.6 3232	56 37.0 3451
6	75 3.6 3075	55 18.2 3161	42 14.0 3080	21 34.1 3215	55 15.7 3455
9	76 32.2 3078	56 45.1 3161	43 42.6 3082	22 59.9 3201	53 54.4 3458
12	78 0.8 3081	58 12.0 3161	45 11.1 3084	24 26.1 3189	52 33.3 3461
15	79 29.4 3083	59 39.0 3160	46 39.6 3086	25 52.4 3180	51 12.2 3464
18	80 57.9 3085	61 5.9 3160	48 8.0 3087	27 19.0 3172	49 51.1 3466
21	82 26.3 3086	62 32.8 3159	49 36.4 3089	28 45.7 3165	48 30.1 3468
<b>22 UT</b>	<b>+Saturn</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>–Sun</b>
0	83 54.8 3088	51 4.8 3090	30 12.5 3159	5 11.6 3080	47 9.1 3470
3	85 23.2 3088	52 33.1 3090	31 39.5 3154	6 40.1 3081	45 48.1 3471
6	86 51.6 3089	54 1.5 3091	33 6.5 3149	8 8.7 3082	44 27.2 3471
9	88 19.9 3089	55 29.8 3091	34 33.7 3144	9 37.2 3082	43 6.3 3472
12	89 48.3 3089	56 58.1 3091	36 0.9 3140	11 5.7 3082	41 45.4 3472
15	91 16.7 3089	58 26.5 3090	37 28.3 3136	12 34.2 3082	40 24.4 3472
18	92 45.1 3088	59 54.8 3089	38 55.7 3132	14 2.8 3081	39 3.5 3471
21	94 13.5 3087	61 23.2 3088	40 23.2 3128	15 31.3 3080	37 42.6 3470
<b>23 UT</b>	<b>+Spica</b>	<b>+Menkent</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>–Sun</b>
0	62 51.6 3087	46 53.1 3441	41 50.8 3125	16 59.9 3079	36 21.6 3469
3	64 20.0 3085	48 14.5 3423	43 18.4 3121	18 28.4 3078	35 0.7 3467
6	65 48.5 3083	49 36.4 3407	44 46.1 3117	19 57.0 3076	33 39.7 3466
9	67 17.0 3081	50 58.5 3391	46 13.9 3113	21 25.7 3074	32 18.6 3463
12	68 45.5 3079	52 21.0 3376	47 41.8 3109	22 54.4 3072	30 57.6 3460
15	70 14.1 3076	53 43.7 3363	49 9.8 3105	24 23.1 3069	29 36.4 3458
18	71 42.7 3073	55 6.7 3349	50 37.8 3100	25 51.9 3066	28 15.3 3455
21	73 11.4 3070	56 29.9 3337	52 6.0 3096	27 20.7 3064	26 54.0 3452
<b>24 UT</b>	<b>+Spica</b>	<b>+Menkent</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>–Sun</b>
0	74 40.2 3067	57 53.4 3325	53 34.2 3093	28 49.6 3061	25 32.7 3449
3	76 9.0 3064	59 17.1 3314	55 2.5 3088	30 18.5 3057	24 11.4 3445
6	77 37.9 3060	60 41.0 3303	56 30.9 3083	31 47.5 3054	22 50.0 3441
9	79 6.8 3056	62 5.1 3293	57 59.4 3079	33 16.6 3050	21 28.5 3437
12	80 35.9 3052	63 29.4 3282	59 28.0 3073	34 45.8 3046	20 6.9 3432
15	82 5.0 3048	64 54.0 3273	60 56.7 3069	36 15.1 3042	18 45.2 3428
18	83 34.2 3044	66 18.7 3263	62 25.5 3064	37 44.4 3038	17 23.5 3424
21	85 3.5 3040	67 43.6 3254	63 54.4 3059	39 13.8 3033	16 1.7 3419
<b>27 UT</b>	<b>+Sun</b>	<b>–Venus</b>	<b>–Alpheratz</b>	<b>–Hamal</b>	<b>–Aldebaran</b>
0	7 26.2 3317	39 8.3 3292	62 50.2 3323	83 12.7 2953	115 15.1 3019
3	8 50.0 3308	37 44.0 3284	61 26.5 3327	81 41.5 2946	113 45.3 3010
6	10 14.1 3302	36 19.5 3278	60 2.8 3334	80 10.2 2940	112 15.3 3003
9	11 38.2 3294	34 54.9 3271	58 39.3 3340	78 38.8 2934	110 45.2 2994
12	13 2.5 3286	33 30.1 3264	57 15.9 3348	77 7.2 2927	109 14.8 2986
15	14 27.0 3279	32 5.3 3257	55 52.6 3358	75 35.4 2920	107 44.3 2978
18	15 51.6 3271	30 40.2 3251	54 29.5 3369	74 3.6 2914	106 13.7 2970
21	17 16.3 3263	29 15.1 3244	53 6.7 3381	72 31.6 2907	104 42.9 2962

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>28 UT</b>	<b>+Sun</b>	<b>–Venus</b>	<b>–Hamal</b>	<b>–Menkar</b>	<b>–Aldebaran</b>
0	18 41.2 3256	27 49.8 3238	70 59.4 2900	78 17.9 3110	103 11.9 2954
3	20 6.3 3248	26 24.4 3232	69 27.1 2893	76 49.9 3105	101 40.7 2946
6	21 31.5 3240	24 58.9 3226	67 54.7 2887	75 21.9 3101	100 9.4 2938
9	22 56.8 3232	23 33.3 3221	66 22.1 2880	73 53.8 3098	98 37.9 2930
12	24 22.3 3223	22 7.6 3216	64 49.3 2873	72 25.6 3094	97 6.2 2922
15	25 48.0 3216	20 41.7 3212	63 16.5 2866	70 57.3 3091	95 34.4 2915
18	27 13.9 3207	19 15.8 3208	61 43.4 2858	69 29.0 3088	94 2.4 2906
21	28 39.9 3199	17 49.8 3207	60 10.2 2852	68 0.6 3087	92 30.2 2899
<b>29 UT</b>	<b>+Sun</b>	<b>–Venus</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Elnath</b>
0	30 6.0 3190	16 23.8 3207	58 36.9 2844	90 57.9 2891	103 10.3 2826
3	31 32.4 3182	14 57.8 3210	57 3.4 2837	89 25.4 2883	101 36.5 2818
6	32 58.9 3172	13 31.9 3217	55 29.7 2830	87 52.7 2875	100 2.4 2810
9	34 25.6 3164	12 6.1 3231	53 55.9 2823	86 19.9 2867	98 28.1 2802
12	35 52.4 3154	10 40.5 3257	52 22.0 2816	84 46.9 2859	96 53.7 2794
15	37 19.5 3146	9 15.5 3302	50 47.9 2808	83 13.7 2851	95 19.1 2785
18	38 46.7 3136	7 51.4 3382	49 13.6 2801	81 40.3 2844	93 44.4 2777
21	40 14.1 3127	6 28.8 3542	47 39.2 2794	80 6.8 2836	92 9.4 2768
<b>30 UT</b>	<b>+Sun</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Capella</b>	<b>–Elnath</b>
0	41 41.7 3117	46 4.6 2786	78 33.1 2828	88 47.3 3000	90 34.2 2759
3	43 9.5 3108	44 29.8 2779	76 59.3 2820	87 17.1 2991	88 58.9 2750
6	44 37.5 3098	42 54.9 2772	75 25.3 2812	85 46.7 2984	87 23.4 2742
9	46 5.7 3089	41 19.9 2765	73 51.1 2804	84 16.2 2976	85 47.6 2733
12	47 34.1 3079	39 44.6 2759	72 16.7 2796	82 45.5 2968	84 11.7 2723
15	49 2.6 3068	38 9.3 2752	70 42.2 2788	81 14.6 2961	82 35.6 2714
18	50 31.4 3058	36 33.8 2745	69 7.5 2780	79 43.6 2954	80 59.2 2705
21	52 0.4 3047	34 58.1 2739	67 32.6 2772	78 12.4 2947	79 22.7 2695
<b>31 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Aldebaran</b>	<b>–Capella</b>	<b>–Elnath</b>
0	53 29.7 3037	7 50.4 3187	65 57.5 2765	76 41.1 2941	77 45.9 2685
3	54 59.1 3026	9 16.7 3121	64 22.3 2757	75 9.7 2935	76 8.9 2675
6	56 28.8 3015	10 44.5 3075	62 46.9 2750	73 38.1 2930	74 31.7 2665
9	57 58.6 3004	12 13.1 3039	61 11.3 2742	72 6.5 2924	72 54.3 2655
12	59 28.8 2993	13 42.5 3011	59 35.6 2735	70 34.7 2920	71 16.6 2645
15	60 59.1 2981	15 12.5 2987	57 59.7 2728	69 2.8 2915	69 38.7 2634
18	62 29.7 2970	16 43.0 2966	56 23.7 2720	67 30.8 2911	68 0.6 2624
21	64 0.5 2959	18 13.9 2947	54 47.5 2714	65 58.7 2908	66 22.2 2613