

## JULY 2008

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Markab</b>	<b>+Diphda</b>	<b>+Alpheratz</b>	<b>+Hamal</b>	<b>–Sun</b>
0	75 32.6 2230	70 42.8 2490	56 59.9 2484	32 18.5 2091	29 55.7 2351
3	77 20.3 2223	72 24.2 2476	58 41.5 2463	34 9.7 2082	28 11.0 2350
6	79 8.2 2216	74 6.0 2464	60 23.6 2442	36 1.1 2074	26 26.2 2349
9	80 56.2 2211	75 48.0 2454	62 6.2 2425	37 52.8 2067	24 41.4 2351
12	82 44.4 2206	77 30.3 2445	63 49.1 2409	39 44.6 2061	22 56.7 2354
15	84 32.7 2204	79 12.8 2438	65 32.5 2396	41 36.6 2056	21 12.0 2360
18	86 21.0 2201	80 55.5 2432	67 16.1 2384	43 28.7 2052	19 27.5 2369
21	88 9.4 2200	82 38.3 2428	69 0.1 2375	45 20.9 2050	17 43.2 2382
<b>4 UT</b>	<b>+Sun</b>	<b>–Regulus</b>	<b>–Mars</b>	<b>–Saturn</b>	<b>–Spica</b>
0	12 43.9 2529	35 1.1 2121	36 25.4 2306	39 48.5 2160	89 5.0 2121
3	14 24.4 2516	33 10.6 2133	34 39.6 2319	37 59.1 2173	87 14.6 2133
6	16 5.3 2511	31 20.5 2146	32 54.0 2334	36 9.9 2187	85 24.5 2145
9	17 46.2 2511	29 30.7 2159	31 8.9 2348	34 21.2 2202	83 34.6 2158
12	19 27.2 2515	27 41.2 2173	29 24.1 2364	32 32.8 2218	81 45.1 2171
15	21 8.0 2522	25 52.1 2188	27 39.6 2380	30 44.8 2234	79 56.0 2185
18	22 48.8 2531	24 3.3 2203	25 55.6 2397	28 57.2 2251	78 7.1 2199
21	24 29.3 2541	22 15.0 2220	24 11.9 2415	27 10.0 2270	76 18.7 2214
<b>5 UT</b>	<b>+Sun</b>	<b>–Regulus</b>	<b>–Mars</b>	<b>–Saturn</b>	<b>–Spica</b>
0	26 9.5 2554	20 27.0 2237	22 28.7 2435	25 23.3 2290	74 30.6 2229
3	27 49.5 2567	18 39.5 2255	20 46.0 2456	23 37.1 2312	72 42.9 2245
6	29 29.1 2581	16 52.4 2274	19 3.8 2478	21 51.4 2335	70 55.5 2261
9	31 8.5 2596	15 5.8 2296	17 22.0 2503	20 6.3 2361	69 8.6 2277
12	32 47.5 2612	13 19.7 2319	15 40.9 2531	18 21.8 2390	67 22.0 2294
15	34 26.1 2628	11 34.2 2346	14 0.4 2564	16 37.9 2423	65 35.9 2311
18	36 4.4 2645	9 49.3 2382	12 20.7 2604	14 54.9 2464	63 50.2 2329
21	37 42.3 2662	8 5.3 2431	10 41.9 2656	13 12.9 2514	62 4.9 2346
<b>6 UT</b>	<b>+Sun</b>	<b>–Gienah</b>	<b>–Spica</b>	<b>–Zubanelgen</b>	<b>–Antares</b>
0	39 19.8 2680	48 44.3 2490	60 20.0 2364	81 34.6 2378	106 9.9 2357
3	40 56.9 2699	47 2.9 2515	58 35.6 2382	79 50.5 2396	104 25.3 2375
6	42 33.6 2716	45 22.0 2542	56 51.6 2400	78 6.8 2414	102 41.2 2393
9	44 9.9 2735	43 41.8 2570	55 8.0 2419	76 23.6 2433	100 57.4 2412
12	45 45.7 2754	42 2.2 2599	53 24.9 2437	74 40.8 2451	99 14.2 2430
15	47 21.2 2772	40 23.2 2629	51 42.2 2455	72 58.5 2470	97 31.3 2448
18	48 56.3 2793	38 45.0 2662	49 60.0 2475	71 16.5 2489	95 48.8 2466
21	50 30.9 2811	37 7.5 2696	48 18.2 2493	69 35.1 2508	94 6.9 2485
<b>7 UT</b>	<b>+Sun</b>	<b>+Regulus</b>	<b>+Mars</b>	<b>–Spica</b>	<b>–Antares</b>
0	52 5.1 2830	7 40.5 2569	4 57.8 3110	46 36.8 2512	92 25.3 2503
3	53 38.9 2850	9 20.2 2567	6 25.7 2967	44 55.9 2531	90 44.1 2521
6	55 12.3 2869	10 59.8 2574	7 56.6 2904	43 15.4 2550	89 3.4 2540
9	56 45.2 2889	12 39.3 2584	9 28.8 2875	41 35.3 2569	87 23.1 2558
12	58 17.8 2908	14 18.6 2597	11 1.7 2866	39 55.7 2588	85 43.3 2576
15	59 49.9 2927	15 57.6 2611	12 34.7 2865	38 16.5 2607	84 3.8 2594
18	61 21.6 2946	17 36.2 2626	14 7.8 2870	36 37.8 2626	82 24.8 2612
21	62 53.0 2965	19 14.5 2642	15 40.7 2879	34 59.5 2645	80 46.2 2630

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<b>8 UT</b>	<b>+Sun</b>	<b>+Saturn</b>	<b>–Spica</b>	<b>–Antares</b>	<b>–Jupiter</b>
0	64 23.9 2984	16 1.9 2758	33 21.6 2664	79 7.9 2648	117 1.0 2611
3	65 54.4 3002	17 37.3 2763	31 44.1 2683	77 30.1 2665	115 22.3 2627
6	67 24.6 3021	19 12.5 2771	30 7.1 2702	75 52.7 2682	113 44.0 2644
9	68 54.4 3039	20 47.6 2780	28 30.5 2721	74 15.6 2699	112 6.1 2661
12	70 23.8 3057	22 22.5 2791	26 54.3 2741	72 39.0 2717	110 28.6 2678
15	71 52.8 3075	23 57.1 2803	25 18.6 2760	71 2.7 2732	108 51.4 2694
18	73 21.5 3092	25 31.5 2815	23 43.2 2780	69 26.8 2749	107 14.6 2710
21	74 49.8 3109	27 5.7 2828	22 8.3 2801	67 51.2 2765	105 38.2 2726
<b>9 UT</b>	<b>+Sun</b>	<b>+Mars</b>	<b>+Saturn</b>	<b>–Antares</b>	<b>–Jupiter</b>
0	76 17.8 3126	29 25.2 3006	28 39.5 2841	66 16.0 2780	104 2.1 2741
3	77 45.4 3142	30 55.3 3021	30 13.1 2854	64 41.1 2796	102 26.4 2756
6	79 12.7 3158	32 25.1 3036	31 46.4 2867	63 6.5 2811	100 51.0 2771
9	80 39.7 3174	33 54.5 3050	33 19.4 2880	61 32.3 2825	99 15.9 2785
12	82 6.3 3189	35 23.7 3064	34 52.1 2893	59 58.4 2840	97 41.1 2799
15	83 32.7 3204	36 52.6 3079	36 24.6 2906	58 24.8 2854	96 6.6 2813
18	84 58.7 3219	38 21.2 3092	37 56.7 2918	56 51.5 2867	94 32.5 2826
21	86 24.5 3233	39 49.5 3105	39 28.7 2930	55 18.5 2880	92 58.6 2840
<b>10 UT</b>	<b>+Sun</b>	<b>+Mars</b>	<b>+Saturn</b>	<b>–Antares</b>	<b>–Jupiter</b>
0	87 50.0 3246	41 17.5 3118	41 0.3 2942	53 45.8 2893	91 25.0 2852
3	89 15.2 3260	42 45.3 3131	42 31.7 2954	52 13.3 2905	89 51.6 2864
6	90 40.2 3272	44 12.8 3143	44 2.9 2965	50 41.1 2917	88 18.6 2876
9	92 4.9 3285	45 40.1 3155	45 33.8 2976	49 9.2 2929	86 45.8 2887
12	93 29.4 3297	47 7.1 3167	47 4.5 2987	47 37.5 2940	85 13.2 2899
15	94 53.6 3308	48 33.9 3177	48 35.0 2997	46 6.1 2950	83 40.9 2909
18	96 17.7 3319	50 0.5 3188	50 5.3 3007	44 34.8 2961	82 8.7 2919
21	97 41.5 3330	51 26.9 3198	51 35.3 3016	43 3.8 2970	80 36.8 2929
<b>11 UT</b>	<b>+Sun</b>	<b>+Saturn</b>	<b>+Mars</b>	<b>–Antares</b>	<b>–Jupiter</b>
0	99 5.1 3340	53 5.2 3026	52 53.1 3208	41 33.0 2980	79 5.1 2938
3	100 28.5 3350	54 34.9 3034	54 19.1 3216	40 2.3 2988	77 33.6 2947
6	101 51.7 3359	56 4.4 3043	55 44.9 3226	38 31.9 2997	76 2.3 2956
9	103 14.7 3367	57 33.7 3050	57 10.6 3234	37 1.6 3005	74 31.2 2963
12	104 37.6 3376	59 2.8 3058	58 36.0 3242	35 31.5 3013	73 0.2 2971
15	106 0.4 3384	60 31.9 3065	60 1.4 3250	34 1.6 3020	71 29.4 2979
18	107 22.9 3390	62 0.7 3071	61 26.5 3256	32 31.8 3026	69 58.8 2985
21	108 45.4 3398	63 29.5 3078	62 51.6 3262	31 2.1 3033	68 28.3 2991
<b>12 UT</b>	<b>+Sun</b>	<b>+Saturn</b>	<b>+Spica</b>	<b>–Antares</b>	<b>–Jupiter</b>
0	110 7.7 3404	64 58.1 3083	16 32.2 3093	29 32.6 3039	66 57.9 2997
3	111 29.9 3409	66 26.6 3088	18 0.5 3089	28 3.2 3044	65 27.6 3002
6	112 52.0 3415	67 55.0 3093	19 28.8 3088	26 33.9 3049	63 57.4 3008
9	114 14.0 3420	69 23.3 3098	20 57.2 3088	25 4.7 3054	62 27.4 3012
12	115 35.8 3424	70 51.5 3101	22 25.6 3088	23 35.6 3057	60 57.4 3016
15	116 57.7 3428	72 19.6 3105	23 54.0 3088	22 6.6 3061	59 27.6 3020
18	118 19.4 3432	73 47.6 3108	25 22.4 3088	20 37.7 3064	57 57.8 3023
21	119 41.1 3435	75 15.6 3111	26 50.8 3089	19 8.8 3068	56 28.1 3027

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<b>13 UT</b>	<b>+Spica</b>	<b>−Antares</b>	<b>−Kaus Aust.</b>	<b>−Nunki</b>	<b>−Jupiter</b>
0	28 19.2 3089	17 40.0 3070	42 57.8 3151	50 13.2 3069	54 58.4 3029
3	29 47.5 3089	16 11.2 3072	41 30.7 3158	48 44.4 3071	53 28.8 3031
6	31 15.9 3090	14 42.5 3074	40 3.7 3165	47 15.7 3073	51 59.3 3033
9	32 44.2 3090	13 13.8 3075	38 36.9 3173	45 47.0 3074	50 29.8 3035
12	34 12.6 3089	11 45.2 3076	37 10.2 3180	44 18.3 3075	49 0.3 3036
15	35 41.0 3089	10 16.5 3078	35 43.7 3189	42 49.6 3076	47 30.8 3037
18	37 9.3 3088	8 47.9 3078	34 17.3 3198	41 21.0 3076	46 1.4 3037
21	38 37.7 3087	7 19.3 3080	32 51.1 3208	39 52.3 3075	44 31.9 3038
<b>14 UT</b>	<b>+Gienah</b>	<b>+Spica</b>	<b>−Kaus Aust.</b>	<b>−Nunki</b>	<b>−Jupiter</b>
0	53 8.9 3185	40 6.2 3085	31 25.1 3219	38 23.7 3075	43 2.5 3037
3	54 35.3 3180	41 34.6 3084	29 59.4 3231	36 55.0 3074	41 33.1 3037
6	56 1.9 3175	43 3.1 3082	28 33.8 3245	35 26.3 3072	40 3.7 3036
9	57 28.5 3171	44 31.6 3080	27 8.6 3263	33 57.6 3071	38 34.2 3036
12	58 55.2 3165	46 0.1 3078	25 43.7 3282	32 28.9 3069	37 4.8 3035
15	60 22.1 3160	47 28.7 3075	24 19.2 3306	31 0.1 3067	35 35.3 3033
18	61 49.0 3155	48 57.4 3072	22 55.1 3335	29 31.3 3064	34 5.8 3032
21	63 16.0 3150	50 26.1 3069	21 31.6 3370	28 2.4 3061	32 36.2 3031
<b>15 UT</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>−Nunki</b>	<b>−Jupiter</b>
0	51 54.9 3065	31 4.6 3132	6 0.4 3062	26 33.5 3058	31 6.6 3029
3	53 23.8 3062	32 32.1 3123	7 29.3 3057	25 4.5 3055	29 37.0 3027
6	54 52.7 3058	33 59.8 3114	8 58.3 3053	23 35.4 3052	28 7.4 3025
9	56 21.7 3054	35 27.6 3106	10 27.4 3048	22 6.3 3047	26 37.7 3024
12	57 50.8 3049	36 55.7 3098	11 56.7 3044	20 37.0 3043	25 8.0 3022
15	59 20.0 3045	38 23.9 3090	13 25.9 3039	19 7.7 3039	23 38.3 3022
18	60 49.3 3039	39 52.2 3082	14 55.3 3034	17 38.3 3034	22 8.5 3020
21	62 18.7 3035	41 20.8 3074	16 24.8 3030	16 8.8 3030	20 38.7 3021
<b>16 UT</b>	<b>+Spica</b>	<b>+Menkent</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>−Jupiter</b>
0	63 48.1 3029	47 30.4 3381	42 49.4 3066	17 54.4 3024	19 9.0 3022
3	65 17.7 3024	48 53.1 3360	44 18.3 3059	19 24.1 3019	17 39.2 3025
6	66 47.5 3018	50 16.1 3340	45 47.2 3051	20 54.0 3013	16 9.5 3030
9	68 17.3 3013	51 39.5 3321	47 16.4 3044	22 23.9 3008	14 40.0 3039
12	69 47.2 3006	53 3.3 3303	48 45.7 3036	23 53.9 3001	13 10.6 3052
15	71 17.3 3000	54 27.4 3286	50 15.1 3029	25 24.1 2995	11 41.4 3075
18	72 47.5 2994	55 51.8 3269	51 44.7 3021	26 54.4 2989	10 12.8 3112
21	74 17.8 2988	57 16.6 3254	53 14.5 3014	28 24.8 2983	8 44.9 3177
<b>17 UT</b>	<b>+Spica</b>	<b>+Menkent</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>−Markab</b>
0	75 48.3 2981	58 41.7 3238	54 44.4 3006	29 55.4 2976	75 51.1 3169
3	77 18.9 2974	60 7.1 3224	56 14.5 2998	31 26.1 2970	74 24.3 3165
6	78 49.6 2968	61 32.8 3210	57 44.7 2991	32 56.9 2963	72 57.5 3162
9	80 20.5 2961	62 58.7 3197	59 15.1 2983	34 27.9 2956	71 30.6 3158
12	81 51.5 2954	64 24.9 3183	60 45.7 2975	35 59.0 2949	70 3.6 3155
15	83 22.7 2946	65 51.4 3171	62 16.4 2967	37 30.3 2942	68 36.6 3152
18	84 54.0 2939	67 18.1 3158	63 47.3 2959	39 1.7 2934	67 9.5 3149
21	86 25.5 2932	68 45.1 3147	65 18.3 2952	40 33.3 2927	65 42.3 3147

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<b>18 UT</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Nunki</b>	<b>+Jupiter</b>	<b>–Markab</b>
0	42 5.0 2919	29 17.3 3172	9 32.1 2922	6 1.3 3223	64 15.1 3145
3	43 36.9 2912	30 44.0 3143	11 3.9 2914	7 27.0 3097	62 47.9 3145
6	45 9.0 2905	32 11.3 3117	12 35.9 2906	8 55.2 3023	61 20.6 3144
9	46 41.2 2897	33 39.1 3092	14 8.1 2898	10 24.9 2973	59 53.4 3144
12	48 13.5 2889	35 7.4 3070	15 40.5 2890	11 55.7 2938	58 26.1 3144
15	49 46.1 2881	36 36.1 3050	17 13.0 2882	13 27.2 2911	56 58.8 3146
18	51 18.8 2873	38 5.3 3031	18 45.7 2874	14 59.2 2890	55 31.6 3147
21	52 51.7 2865	39 34.9 3013	20 18.5 2866	16 31.7 2872	54 4.4 3150
<b>19 UT</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Nunki</b>	<b>+Jupiter</b>	<b>–Hamal</b>
0	54 24.7 2857	41 4.8 2996	21 51.6 2858	18 4.7 2856	93 40.1 2873
3	55 57.9 2849	42 35.1 2980	23 24.8 2850	19 37.9 2842	92 7.2 2864
6	57 31.3 2841	44 5.7 2965	24 58.1 2842	21 11.4 2829	90 34.2 2857
9	59 4.9 2833	45 36.7 2950	26 31.7 2833	22 45.2 2818	89 0.9 2848
12	60 38.6 2825	47 7.9 2936	28 5.4 2825	24 19.3 2807	87 27.5 2841
15	62 12.5 2816	48 39.5 2922	29 39.3 2817	25 53.6 2796	85 53.9 2832
18	63 46.6 2808	50 11.3 2909	31 13.4 2809	27 28.2 2785	84 20.2 2824
21	65 20.9 2800	51 43.4 2896	32 47.7 2800	29 2.9 2775	82 46.2 2815
<b>20 UT</b>	<b>+Antares</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>+Jupiter</b>	<b>–Hamal</b>
0	66 55.4 2791	42 40.8 2870	34 22.2 2792	30 37.9 2766	81 12.1 2807
3	68 30.0 2783	44 13.8 2857	35 56.8 2783	32 13.1 2755	79 37.8 2799
6	70 4.8 2775	45 47.0 2845	37 31.6 2775	33 48.6 2746	78 3.3 2791
9	71 39.8 2766	47 20.5 2833	39 6.6 2766	35 24.2 2737	76 28.7 2782
12	73 15.0 2757	48 54.3 2821	40 41.8 2758	37 0.0 2727	74 53.8 2774
15	74 50.4 2749	50 28.3 2809	42 17.2 2749	38 36.1 2718	73 18.8 2765
18	76 26.0 2740	52 2.5 2798	43 52.8 2740	40 12.4 2709	71 43.6 2758
21	78 1.8 2732	53 37.0 2787	45 28.5 2732	41 48.8 2700	70 8.2 2749
<b>21 UT</b>	<b>+Antares</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>+Jupiter</b>	<b>–Hamal</b>
0	79 37.7 2723	55 11.7 2776	47 4.5 2723	43 25.5 2691	68 32.7 2741
3	81 13.8 2714	56 46.7 2766	48 40.6 2714	45 2.3 2681	66 56.9 2732
6	82 50.2 2705	58 21.9 2755	50 17.0 2705	46 39.4 2672	65 21.0 2724
9	84 26.7 2697	59 57.4 2745	51 53.5 2697	48 16.7 2663	63 44.8 2716
12	86 3.5 2688	61 33.0 2734	53 30.2 2688	49 54.1 2654	62 8.6 2707
15	87 40.4 2679	63 8.9 2724	55 7.2 2679	51 31.8 2645	60 32.1 2699
18	89 17.5 2669	64 45.0 2713	56 44.3 2669	53 9.7 2636	58 55.4 2690
21	90 54.9 2661	66 21.4 2704	58 21.6 2661	54 47.8 2627	57 18.5 2683
<b>22 UT</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>+Jupiter</b>	<b>–Hamal</b>	<b>–Aldebaran</b>
0	67 58.0 2694	59 59.2 2652	56 26.1 2617	55 41.5 2675	87 51.2 2723
3	69 34.8 2683	61 36.9 2642	58 4.6 2608	54 4.3 2666	86 15.1 2714
6	71 11.8 2674	63 14.8 2634	59 43.3 2599	52 26.8 2658	84 38.8 2706
9	72 49.0 2664	64 53.0 2624	61 22.2 2590	50 49.3 2650	83 2.2 2697
12	74 26.5 2654	66 31.3 2615	63 1.4 2580	49 11.5 2642	81 25.5 2688
15	76 4.2 2644	68 9.9 2605	64 40.7 2571	47 33.5 2634	79 48.6 2679
18	77 42.1 2634	69 48.7 2596	66 20.3 2562	45 55.4 2626	78 11.5 2671
21	79 20.3 2624	71 27.7 2586	68 0.1 2552	44 17.1 2619	76 34.2 2662

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<b>23 UT</b>	<b>+Nunki</b>	<b>+Jupiter</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Sun</b>
0	73 6.9 2577	69 40.1 2543	42 38.6 2611	74 56.7 2654	125 5.3 2903
3	74 46.3 2568	71 20.3 2534	40 59.9 2604	73 19.0 2646	123 33.0 2893
6	76 26.0 2558	73 0.7 2523	39 21.1 2597	71 41.1 2638	122 0.6 2882
9	78 5.9 2548	74 41.4 2514	37 42.2 2591	70 3.1 2630	120 27.9 2872
12	79 46.0 2538	76 22.3 2504	36 3.0 2584	68 24.9 2622	118 55.0 2861
15	81 26.3 2529	78 3.4 2495	34 23.8 2579	66 46.4 2615	117 21.9 2851
18	83 6.8 2519	79 44.7 2485	32 44.4 2573	65 7.9 2607	115 48.5 2840
21	84 47.6 2509	81 26.3 2475	31 4.9 2569	63 29.1 2600	114 14.9 2829
<b>24 UT</b>	<b>+Jupiter</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Capella</b>	<b>–Sun</b>
0	83 8.1 2465	29 25.3 2566	61 50.2 2593	73 0.0 2753	112 41.1 2818
3	84 50.1 2455	27 45.6 2564	60 11.1 2586	71 24.5 2748	111 7.0 2808
6	86 32.4 2445	26 5.9 2563	58 31.9 2579	69 48.9 2743	109 32.7 2796
9	88 14.9 2435	24 26.1 2565	56 52.5 2573	68 13.2 2740	107 58.2 2786
12	89 57.6 2425	22 46.4 2570	55 13.0 2567	66 37.5 2736	106 23.4 2775
15	91 40.6 2415	21 6.8 2578	53 33.4 2562	65 1.6 2734	104 48.4 2764
18	93 23.8 2405	19 27.4 2592	51 53.6 2557	63 25.7 2732	103 13.2 2752
21	95 7.2 2396	17 48.3 2614	50 13.7 2554	61 49.8 2732	101 37.7 2742
<b>25 UT</b>	<b>+Jupiter</b>	<b>+Fomalhaut</b>	<b>–Aldebaran</b>	<b>–Capella</b>	<b>–Sun</b>
0	96 50.9 2385	54 0.0 2953	48 33.7 2550	60 13.8 2732	100 2.0 2731
3	98 34.8 2375	55 31.2 2921	46 53.7 2547	58 37.9 2734	98 26.0 2720
6	100 19.0 2365	57 3.1 2891	45 13.6 2546	57 2.0 2737	96 49.8 2708
9	102 3.4 2355	58 35.5 2863	43 33.4 2545	55 26.2 2741	95 13.3 2698
12	103 48.0 2345	60 8.6 2836	41 53.3 2546	53 50.4 2746	93 36.6 2686
15	105 32.9 2335	61 42.3 2811	40 13.1 2549	52 14.8 2755	91 59.6 2675
18	107 18.0 2325	63 16.5 2788	38 33.0 2553	50 39.3 2764	90 22.4 2665
21	109 3.4 2315	64 51.2 2765	36 53.1 2559	49 4.1 2776	88 45.0 2653
<b>26 UT</b>	<b>+Jupiter</b>	<b>+Fomalhaut</b>	<b>–Aldebaran</b>	<b>–Capella</b>	<b>–Sun</b>
0	110 49.0 2306	66 26.5 2744	35 13.2 2569	47 29.1 2791	87 7.3 2643
3	112 34.8 2296	68 2.1 2724	33 33.6 2582	45 54.5 2809	85 29.4 2632
6	114 20.9 2286	69 38.2 2705	31 54.3 2598	44 20.2 2830	83 51.2 2621
9	116 7.2 2277	71 14.8 2688	30 15.3 2619	42 46.4 2856	82 12.7 2611
12	117 53.8 2267	72 51.7 2671	28 36.9 2647	41 13.1 2886	80 34.1 2600
15	119 40.6 2258	74 29.0 2655	26 59.0 2683	39 40.5 2923	78 55.2 2590
18	121 27.6 2249	76 6.7 2639	25 22.0 2728	38 8.7 2965	77 16.1 2579
21	123 14.8 2240	77 44.7 2626	23 46.0 2788	36 37.8 3016	75 36.7 2570
<b>27 UT</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>+Hamal</b>	<b>–Elnath</b>	<b>–Sun</b>
0	79 23.0 2612	57 2.2 2513	13 24.6 2526	32 5.5 2262	73 57.1 2560
3	81 1.6 2600	58 43.1 2494	15 5.2 2462	30 18.6 2253	72 17.3 2550
6	82 40.6 2588	60 24.4 2477	16 47.3 2413	28 31.5 2244	70 37.2 2541
9	84 19.7 2577	62 6.2 2461	18 30.5 2375	26 44.1 2236	68 57.0 2532
12	85 59.2 2567	63 48.3 2445	20 14.7 2344	24 56.6 2228	67 16.5 2523
15	87 38.8 2558	65 30.8 2431	21 59.6 2319	23 8.8 2221	65 35.8 2514
18	89 18.7 2550	67 13.6 2417	23 45.1 2298	21 20.9 2214	63 54.9 2506
21	90 58.7 2543	68 56.8 2405	25 31.2 2278	19 32.8 2207	62 13.9 2497

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>28 UT</b>	<b>+Markab</b>	<b>+Alpheratz</b>	<b>+Hamal</b>	<b>–Elnath</b>	<b>–Sun</b>
0	70 40.3 2393	52 25.3 2692	27 17.7 2262	17 44.5 2201	60 32.6 2489
3	72 24.0 2382	54 2.1 2663	29 4.6 2248	15 56.1 2196	58 51.1 2482
6	74 8.0 2371	55 39.6 2636	30 51.9 2235	14 7.6 2193	57 9.5 2475
9	75 52.2 2362	57 17.7 2611	32 39.4 2223	12 18.9 2191	55 27.7 2467
12	77 36.7 2353	58 56.3 2589	34 27.3 2213	10 30.2 2192	53 45.7 2461
15	79 21.4 2345	60 35.5 2568	36 15.5 2203	8 41.6 2199	52 3.6 2455
18	81 6.3 2338	62 15.1 2549	38 3.8 2194	6 53.1 2221	50 21.3 2449
21	82 51.3 2332	63 55.2 2532	39 52.4 2187	5 5.2 2290	48 38.9 2444
<b>29 UT</b>	<b>+Markab</b>	<b>+Alpheratz</b>	<b>+Hamal</b>	<b>+Menkar</b>	<b>–Sun</b>
0	84 36.5 2327	65 35.6 2517	41 41.2 2180	38 47.4 2717	46 56.4 2440
3	86 21.9 2322	67 16.5 2503	43 30.2 2173	40 23.7 2671	45 13.8 2436
6	88 7.3 2317	68 57.6 2490	45 19.3 2168	42 1.0 2631	43 31.1 2431
9	89 52.9 2314	70 39.0 2480	47 8.5 2163	43 39.2 2596	41 48.2 2428
12	91 38.5 2312	72 20.7 2470	48 57.9 2159	45 18.2 2565	40 5.3 2425
15	93 24.2 2310	74 2.6 2461	50 47.4 2155	46 57.9 2537	38 22.4 2423
18	95 10.0 2310	75 44.8 2454	52 37.0 2152	48 38.2 2514	36 39.4 2421
21	96 55.7 2310	77 27.0 2449	54 26.6 2150	50 19.1 2492	34 56.3 2420
<b>30 UT</b>	<b>+Hamal</b>	<b>+Menkar</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>–Sun</b>
0	56 16.3 2148	52 0.5 2474	25 54.3 2506	11 34.0 2142	33 13.2 2419
3	58 6.1 2148	53 42.3 2458	27 35.4 2462	13 23.9 2138	31 30.1 2419
6	59 55.8 2147	55 24.5 2444	29 17.5 2425	15 13.9 2136	29 47.0 2420
9	61 45.6 2147	57 7.1 2432	31 0.5 2396	17 4.0 2135	28 3.9 2421
12	63 35.4 2148	58 49.9 2421	32 44.1 2372	18 54.0 2135	26 20.8 2423
15	65 25.2 2149	60 32.9 2413	34 28.4 2352	20 44.1 2136	24 37.8 2425
18	67 14.9 2151	62 16.2 2406	36 13.1 2337	22 34.2 2138	22 54.8 2428
21	69 4.6 2154	63 59.6 2401	37 58.2 2324	24 24.2 2140	21 11.9 2432
<b>31 UT</b>	<b>+Hamal</b>	<b>+Aldebaran</b>	<b>+Capella</b>	<b>+Elnath</b>	<b>–Sun</b>
0	70 54.2 2157	39 43.6 2313	32 59.2 2992	26 14.1 2144	19 29.1 2437
3	72 43.7 2161	41 29.2 2305	34 29.5 2920	28 4.0 2148	17 46.4 2442
6	74 33.1 2165	43 15.1 2300	36 1.4 2859	29 53.7 2152	16 3.9 2448
9	76 22.4 2171	45 1.1 2296	37 34.6 2808	31 43.4 2157	14 21.4 2456
12	78 11.6 2176	46 47.2 2293	39 8.9 2764	33 32.9 2163	12 39.2 2464
15	80 0.7 2183	48 33.3 2293	40 44.1 2728	35 22.3 2169	10 57.2 2476
18	81 49.5 2189	50 19.5 2293	42 20.1 2697	37 11.5 2176	9 15.4 2489
21	83 38.2 2197	52 5.6 2295	43 56.9 2671	39 0.6 2183	7 33.9 2510