

## SEPTEMBER 2010

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Jupiter</b>	<b>+Hamal</b>	<b>–Elnath</b>	<b>–Procyon</b>	<b>–Sun</b>
0	59 1.1 2724	22 50.7 2849	22 55.5 2794	58 42.9 2924	98 37.4 3078
3	60 37.2 2708	24 24.1 2820	21 20.9 2790	57 11.1 2916	97 8.8 3062
6	62 13.7 2692	25 58.1 2793	19 46.2 2789	55 39.1 2909	95 39.9 3045
9	63 50.6 2676	27 32.7 2768	18 11.5 2791	54 7.0 2903	94 10.6 3029
12	65 27.8 2659	29 7.9 2743	16 36.9 2800	52 34.8 2898	92 41.0 3013
15	67 5.3 2643	30 43.6 2720	15 2.4 2816	51 2.4 2893	91 11.1 2995
18	68 43.3 2626	32 19.8 2698	13 28.3 2846	49 30.0 2889	89 40.7 2978
21	70 21.6 2609	33 56.5 2676	11 54.8 2897	47 57.4 2886	88 10.1 2961
<b>2 UT</b>	<b>+Jupiter</b>	<b>+Hamal</b>	<b>–Pollux</b>	<b>–Procyon</b>	<b>–Sun</b>
0	72 0.3 2592	35 33.7 2655	40 40.1 2699	46 24.9 2885	86 39.1 2943
3	73 39.4 2575	37 11.3 2634	39 3.4 2690	44 52.2 2886	85 7.7 2925
6	75 18.8 2558	38 49.5 2614	37 26.5 2681	43 19.6 2888	83 35.9 2907
9	76 58.7 2541	40 28.1 2594	35 49.5 2674	41 47.1 2893	82 3.7 2889
12	78 39.0 2523	42 7.1 2573	34 12.3 2668	40 14.6 2900	80 31.2 2870
15	80 19.7 2505	43 46.6 2554	32 34.9 2664	38 42.3 2912	78 58.3 2852
18	82 0.8 2487	45 26.6 2533	30 57.4 2662	37 10.3 2925	77 24.9 2833
21	83 42.3 2470	47 7.0 2514	29 19.9 2663	35 38.5 2945	75 51.2 2815
<b>3 UT</b>	<b>+Jupiter</b>	<b>+Hamal</b>	<b>+Aldebaran</b>	<b>–Pollux</b>	<b>–Sun</b>
0	85 24.2 2452	48 47.9 2495	17 29.4 2940	27 42.4 2668	74 17.1 2796
3	87 6.5 2434	50 29.2 2475	19 0.9 2845	26 5.1 2676	72 42.5 2777
6	88 49.3 2416	52 11.0 2456	20 34.4 2768	24 27.9 2691	71 7.6 2758
9	90 32.4 2399	53 53.3 2437	22 9.5 2703	22 51.0 2715	69 32.2 2740
12	92 16.0 2381	55 36.0 2418	23 46.1 2647	21 14.7 2748	67 56.5 2721
15	94 0.1 2363	57 19.1 2399	25 23.9 2599	19 39.1 2797	66 20.3 2703
18	95 44.5 2346	59 2.7 2380	27 2.9 2555	18 4.6 2867	64 43.7 2683
21	97 29.4 2329	60 46.8 2361	28 42.8 2516	16 31.6 2967	63 6.6 2665
<b>4 UT</b>	<b>+Jupiter</b>	<b>+Hamal</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>–Sun</b>
0	99 14.7 2311	62 31.3 2343	30 23.6 2481	17 57.3 2415	61 29.2 2647
3	101 0.4 2295	64 16.2 2325	32 5.3 2448	19 40.5 2383	59 51.4 2629
6	102 46.5 2277	66 1.6 2307	33 47.7 2418	21 24.5 2353	58 13.1 2611
9	104 33.0 2261	67 47.4 2289	35 30.9 2389	23 9.2 2326	56 34.5 2593
12	106 20.0 2245	69 33.6 2272	37 14.7 2363	24 54.5 2302	54 55.4 2576
15	108 7.3 2228	71 20.3 2255	38 59.2 2337	26 40.5 2279	53 16.0 2559
18	109 55.0 2213	73 7.4 2238	40 44.2 2314	28 27.0 2258	51 36.1 2543
21	111 43.2 2198	74 54.9 2221	42 29.9 2291	30 14.0 2237	49 55.9 2526
<b>5 UT</b>	<b>+Hamal</b>	<b>+Aldebaran</b>	<b>+Capella</b>	<b>+Elnath</b>	<b>–Sun</b>
0	76 42.8 2205	44 16.1 2269	39 27.5 3003	32 1.5 2218	48 15.3 2511
3	78 31.2 2189	46 2.8 2249	40 57.6 2929	33 49.5 2199	46 34.3 2496
6	80 19.9 2174	47 50.0 2229	42 29.3 2863	35 38.0 2181	44 53.0 2481
9	82 9.0 2159	49 37.8 2210	44 2.4 2803	37 26.9 2165	43 11.4 2467
12	83 58.5 2144	51 26.0 2192	45 36.8 2748	39 16.2 2148	41 29.4 2454
15	85 48.3 2130	53 14.6 2175	47 12.4 2698	41 6.0 2132	39 47.1 2442
18	87 38.5 2117	55 3.7 2159	48 49.1 2652	42 56.1 2118	38 4.5 2431
21	89 29.1 2104	56 53.1 2143	50 26.8 2610	44 46.7 2103	36 21.7 2419

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<b>6 UT</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>+Pollux</b>	<b>–Sun</b>
0	58 43.0 2129	46 37.6 2090	41 29.0 2522	17 51.8 2505	34 38.6 2411
3	60 33.3 2115	48 28.8 2077	43 9.7 2480	19 32.8 2421	32 55.3 2402
6	62 23.9 2102	50 20.4 2065	44 51.4 2442	21 15.9 2354	31 11.8 2396
9	64 14.8 2089	52 12.2 2054	46 34.0 2407	23 0.6 2299	29 28.1 2391
12	66 6.1 2078	54 4.4 2042	48 17.4 2376	24 46.6 2255	27 44.3 2388
15	67 57.6 2067	55 56.9 2033	50 1.5 2348	26 33.7 2218	26 0.5 2388
18	69 49.4 2057	57 49.6 2023	51 46.3 2322	28 21.7 2186	24 16.6 2390
21	71 41.5 2048	59 42.5 2015	53 31.8 2300	30 10.5 2159	22 32.8 2396
<b>7 UT</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>+Pollux</b>	<b>–Sun</b>
0	73 33.8 2040	61 35.7 2007	55 17.8 2279	31 60.0 2136	20 49.1 2406
3	75 26.3 2033	63 29.1 2000	57 4.3 2260	33 50.1 2116	19 5.7 2424
6	77 19.0 2026	65 22.6 1994	58 51.2 2244	35 40.6 2099	17 22.7 2451
9	79 11.9 2020	67 16.3 1989	60 38.6 2229	37 31.6 2084	15 40.4 2490
12	81 4.9 2016	69 10.2 1984	62 26.3 2216	39 23.0 2071	13 58.9 2551
15	82 58.1 2012	71 4.2 1980	64 14.3 2205	41 14.7 2061	12 18.9 2643
18	84 51.4 2008	72 58.3 1977	66 2.7 2195	43 6.7 2051	10 41.0 2793
21	86 44.7 2006	74 52.4 1975	67 51.3 2187	44 58.9 2044	9 6.4 3053
<b>9 UT</b>	<b>+Sun</b>	<b>–Venus</b>	<b>–Zubeneigen</b>	<b>–Antares</b>	<b>–Shaula</b>
0	9 24.2 2776	35 52.8 2203	51 9.4 2004	75 20.0 1985	89 17.2 2085
3	10 59.2 2643	34 4.4 2209	49 16.0 2012	73 26.1 1992	87 25.8 2092
6	12 37.2 2561	32 16.1 2215	47 22.7 2020	71 32.3 1998	85 34.6 2100
9	14 16.9 2509	30 28.1 2223	45 29.7 2029	69 38.7 2006	83 43.7 2108
12	15 57.9 2476	28 40.2 2230	43 36.9 2039	67 45.3 2014	81 52.9 2117
15	17 39.7 2454	26 52.5 2240	41 44.3 2050	65 52.1 2023	80 2.3 2127
18	19 22.0 2442	25 5.1 2249	39 52.1 2063	63 59.2 2033	78 12.1 2139
21	21 4.6 2435	23 17.8 2259	38 0.1 2075	62 6.5 2043	76 22.1 2150
<b>10 UT</b>	<b>+Sun</b>	<b>–Venus</b>	<b>–Antares</b>	<b>–Shaula</b>	<b>–Kaus Aust.</b>
0	22 47.3 2433	21 30.9 2271	60 14.0 2054	74 32.4 2163	84 54.7 2127
3	24 30.1 2434	19 44.2 2282	58 21.9 2066	72 43.0 2177	83 4.4 2139
6	26 12.9 2438	17 57.7 2294	56 30.0 2078	70 54.0 2192	81 14.4 2152
9	27 55.5 2444	16 11.6 2307	54 38.5 2091	69 5.3 2208	79 24.7 2165
12	29 38.0 2452	14 25.8 2321	52 47.3 2105	67 17.1 2225	77 35.4 2180
15	31 20.4 2462	12 40.4 2335	50 56.5 2119	65 29.2 2242	75 46.5 2195
18	33 2.5 2473	10 55.2 2350	49 6.0 2134	63 41.8 2260	73 57.9 2211
21	34 44.3 2484	9 10.5 2366	47 15.9 2149	61 54.9 2280	72 9.7 2227
<b>11 UT</b>	<b>+Sun</b>	<b>–Antares</b>	<b>–Shaula</b>	<b>–Kaus Aust.</b>	<b>–Nunki</b>
0	36 25.9 2498	45 26.1 2165	60 8.4 2300	70 22.0 2245	77 59.4 2168
3	38 7.1 2512	43 36.8 2180	58 22.4 2322	68 34.6 2263	76 10.1 2184
6	39 48.1 2527	41 47.8 2197	56 37.0 2344	66 47.7 2281	74 21.3 2200
9	41 28.7 2542	39 59.3 2214	54 52.1 2368	65 1.3 2301	72 32.8 2217
12	43 8.9 2558	38 11.2 2231	53 7.7 2392	63 15.3 2320	70 44.8 2234
15	44 48.7 2576	36 23.5 2249	51 24.0 2418	61 29.9 2341	68 57.2 2251
18	46 28.2 2592	34 36.3 2267	49 40.8 2445	59 44.9 2362	67 10.0 2269
21	48 7.3 2610	32 49.5 2286	47 58.3 2473	58 0.4 2384	65 23.3 2287

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<b>12 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Antares</b>	<b>–Kaus Aust.</b>	<b>–Nunki</b>
0	49 46.0 2628	6 16.3 2520	31 3.2 2305	56 16.4 2406	63 37.0 2306
3	51 24.2 2647	7 57.1 2537	29 17.4 2325	54 33.0 2430	61 51.2 2324
6	53 2.1 2665	9 37.4 2554	27 32.0 2344	52 50.2 2453	60 5.8 2342
9	54 39.5 2684	11 17.4 2573	25 47.1 2365	51 7.9 2478	58 20.8 2361
12	56 16.5 2703	12 56.9 2591	24 2.7 2386	49 26.1 2503	56 36.3 2380
15	57 53.1 2723	14 36.0 2610	22 18.8 2407	47 45.0 2530	54 52.3 2399
18	59 29.2 2742	16 14.7 2628	20 35.4 2430	46 4.5 2557	53 8.7 2419
21	61 4.9 2762	17 53.0 2647	18 52.5 2453	44 24.6 2585	51 25.6 2438
<b>13 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Antares</b>	<b>–Nunki</b>	<b>–Jupiter</b>
0	62 40.2 2781	19 30.8 2666	17 10.2 2479	49 42.9 2458	126 33.5 2443
3	64 15.1 2802	21 8.2 2685	15 28.5 2506	48 0.7 2478	124 50.9 2461
6	65 49.5 2821	22 45.2 2704	13 47.4 2538	46 19.0 2497	123 8.8 2477
9	67 23.5 2840	24 21.8 2723	12 7.1 2575	44 37.7 2516	121 27.0 2494
12	68 57.1 2860	25 57.9 2742	10 27.6 2623	42 56.9 2536	119 45.7 2511
15	70 30.2 2880	27 33.6 2760	8 49.2 2691	41 16.5 2556	118 4.7 2528
18	72 3.0 2899	29 9.0 2779	7 12.4 2803	39 36.6 2576	116 24.2 2545
21	73 35.3 2918	30 43.9 2796	5 38.0 3029	37 57.1 2596	114 44.0 2562
<b>14 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Zubanelgen</b>	<b>–Nunki</b>	<b>–Jupiter</b>
0	75 7.2 2938	32 18.4 2815	21 10.5 2682	36 18.1 2616	113 4.2 2579
3	76 38.7 2956	33 52.6 2832	22 47.6 2687	34 39.6 2636	111 24.8 2595
6	78 9.8 2976	35 26.3 2850	24 24.5 2695	33 1.5 2657	109 45.8 2612
9	79 40.5 2994	36 59.7 2868	26 1.3 2704	31 23.9 2677	108 7.2 2628
12	81 10.9 3012	38 32.7 2885	27 37.8 2715	29 46.7 2698	106 28.9 2645
15	82 40.8 3031	40 5.3 2902	29 14.1 2727	28 10.0 2719	104 51.0 2661
18	84 10.4 3049	41 37.6 2919	30 50.2 2738	26 33.8 2741	103 13.5 2677
21	85 39.6 3066	43 9.5 2935	32 26.0 2750	24 58.0 2763	101 36.3 2693
<b>15 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Zubanelgen</b>	<b>+Antares</b>	<b>–Jupiter</b>
0	87 8.4 3083	44 41.1 2951	34 1.5 2763	9 42.0 2814	99 59.5 2708
3	88 36.9 3101	46 12.3 2966	35 36.8 2776	11 16.2 2807	98 23.0 2724
6	90 5.1 3117	47 43.2 2981	37 11.8 2788	12 50.5 2807	96 46.9 2738
9	91 32.9 3134	49 13.8 2997	38 46.5 2801	14 24.8 2812	95 11.1 2753
12	93 0.3 3149	50 44.1 3011	40 20.9 2814	15 59.0 2819	93 35.6 2768
15	94 27.5 3165	52 14.0 3026	41 55.1 2827	17 33.0 2828	92 0.5 2781
18	95 54.3 3180	53 43.7 3039	43 28.9 2839	19 6.8 2838	90 25.6 2795
21	97 20.9 3195	55 13.1 3053	45 2.6 2851	20 40.5 2848	88 51.0 2809
<b>16 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Zubanelgen</b>	<b>+Antares</b>	<b>–Jupiter</b>
0	98 47.1 3210	56 42.2 3066	46 35.9 2863	22 13.9 2858	87 16.8 2822
3	100 13.1 3224	58 11.1 3079	48 9.0 2875	23 47.1 2869	85 42.8 2835
6	101 38.7 3238	59 39.6 3091	49 41.8 2886	25 20.1 2880	84 9.1 2847
9	103 4.1 3251	61 8.0 3103	51 14.4 2898	26 52.8 2890	82 35.7 2860
12	104 29.2 3264	62 36.1 3115	52 46.8 2908	28 25.3 2901	81 2.5 2871
15	105 54.1 3277	64 3.9 3125	54 18.9 2919	29 57.6 2911	79 29.6 2883
18	107 18.7 3289	65 31.5 3136	55 50.8 2929	31 29.6 2921	77 56.9 2894
21	108 43.1 3302	66 59.0 3147	57 22.5 2940	33 1.5 2931	76 24.5 2905

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<b>17 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>–Jupiter</b>
0	110 7.3 3312	68 26.2 3156	58 54.0 2949	34 33.2 2940	74 52.3 2915
3	111 31.2 3324	69 53.2 3166	60 25.2 2959	36 4.6 2950	73 20.3 2926
6	112 55.0 3334	71 20.0 3174	61 56.3 2967	37 35.9 2959	71 48.6 2936
9	114 18.5 3345	72 46.7 3184	63 27.2 2976	39 6.9 2967	70 17.0 2945
12	115 41.8 3355	74 13.1 3192	64 57.9 2984	40 37.8 2976	68 45.7 2954
15	117 4.9 3364	75 39.4 3199	66 28.4 2992	42 8.5 2983	67 14.5 2963
18	118 27.9 3374	77 5.6 3207	67 58.8 3000	43 39.1 2991	65 43.5 2972
21	119 50.6 3382	78 31.6 3214	69 29.0 3007	45 9.5 2998	64 12.7 2980
<b>18 UT</b>	<b>+Venus</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Nunki</b>	<b>–Jupiter</b>
0	79 57.5 3221	46 39.7 3005	34 44.6 3326	14 32.5 3139	62 42.1 2989
3	81 23.2 3227	48 9.8 3012	36 8.3 3310	15 59.8 3122	61 11.7 2996
6	82 48.8 3232	49 39.8 3018	37 32.2 3296	17 27.5 3110	59 41.4 3004
9	84 14.3 3238	51 9.6 3024	38 56.5 3285	18 55.5 3103	58 11.3 3011
12	85 39.7 3243	52 39.3 3029	40 21.0 3274	20 23.6 3097	56 41.3 3018
15	87 5.0 3247	54 8.9 3035	41 45.7 3266	21 51.8 3094	55 11.5 3025
18	88 30.2 3252	55 38.4 3039	43 10.5 3258	23 20.0 3092	53 41.8 3031
21	89 55.3 3256	57 7.8 3044	44 35.5 3251	24 48.3 3091	52 12.2 3038
<b>19 UT</b>	<b>+Venus</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Nunki</b>	<b>–Jupiter</b>
0	91 20.4 3259	58 37.1 3048	46 0.6 3245	26 16.7 3090	50 42.8 3044
3	92 45.4 3263	60 6.3 3052	47 25.9 3240	27 45.0 3090	49 13.5 3050
6	94 10.3 3265	61 35.4 3055	48 51.3 3235	29 13.4 3089	47 44.3 3056
9	95 35.1 3268	63 4.5 3058	50 16.7 3231	30 41.8 3090	46 15.3 3062
12	96 59.9 3270	64 33.5 3062	51 42.2 3227	32 10.1 3090	44 46.4 3069
15	98 24.7 3272	66 2.4 3064	53 7.9 3223	33 38.5 3090	43 17.6 3074
18	99 49.4 3273	67 31.3 3067	54 33.5 3220	35 6.8 3091	41 48.9 3080
21	101 14.1 3274	69 0.1 3069	55 59.3 3216	36 35.2 3091	40 20.4 3087
<b>20 UT</b>	<b>+Venus</b>	<b>+Antares</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Jupiter</b>
0	102 38.8 3276	70 28.9 3071	46 48.8 3210	38 3.5 3091	38 51.9 3094
3	104 3.5 3276	71 57.7 3072	48 14.8 3204	39 31.8 3091	37 23.7 3100
6	105 28.1 3276	73 26.4 3073	49 40.8 3200	41 0.2 3091	35 55.5 3107
9	106 52.7 3277	74 55.1 3074	51 7.0 3196	42 28.5 3091	34 27.5 3115
12	108 17.4 3277	76 23.7 3075	52 33.2 3192	43 56.8 3091	32 59.7 3124
15	109 42.0 3276	77 52.4 3075	53 59.5 3188	45 25.2 3090	31 32.0 3133
18	111 6.7 3275	79 21.0 3076	55 25.9 3184	46 53.5 3090	30 4.5 3144
21	112 31.3 3274	80 49.7 3076	56 52.4 3181	48 21.9 3089	28 37.3 3156
<b>21 UT</b>	<b>+Venus</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Jupiter</b>	<b>–Hamal</b>
0	113 56.0 3273	58 18.9 3177	49 50.2 3088	27 10.2 3169	65 39.4 3097
3	115 20.7 3271	59 45.5 3173	51 18.6 3087	25 43.5 3186	64 11.2 3098
6	116 45.5 3270	61 12.2 3170	52 47.0 3086	24 17.1 3205	62 43.0 3098
9	118 10.2 3268	62 38.9 3167	54 15.5 3085	22 51.0 3229	61 14.8 3098
12	119 35.0 3266	64 5.7 3163	55 43.9 3083	21 25.5 3257	59 46.6 3098
15	120 59.9 3264	65 32.6 3160	57 12.4 3082	20 0.4 3292	58 18.4 3097
18	122 24.8 3261	66 59.5 3156	58 40.9 3079	18 36.1 3336	56 50.2 3097
21	123 49.7 3258	68 26.6 3153	60 9.5 3078	17 12.6 3394	55 22.0 3096

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<b>22 UT</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Elnath</b>
0	69 53.6 3149	61 38.1 3075	53 53.8 3096	86 41.9 3104	98 31.3 3074
3	71 20.8 3146	63 6.8 3073	52 25.5 3095	85 13.8 3103	97 2.6 3072
6	72 48.0 3142	64 35.5 3070	50 57.3 3094	83 45.7 3100	95 33.9 3069
9	74 15.3 3139	66 4.2 3068	49 29.0 3094	82 17.6 3098	94 5.1 3067
12	75 42.7 3135	67 33.0 3065	48 0.7 3092	80 49.4 3096	92 36.3 3064
15	77 10.1 3132	69 1.9 3062	46 32.4 3092	79 21.2 3094	91 7.4 3062
18	78 37.6 3128	70 30.8 3059	45 4.1 3091	77 52.9 3091	89 38.5 3059
21	80 5.2 3124	71 59.8 3056	43 35.8 3091	76 24.5 3089	88 9.5 3057
<b>23 UT</b>	<b>+Nunki</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Capella</b>	<b>–Elnath</b>
0	73 28.9 3052	42 7.4 3090	74 56.2 3086	84 47.4 3356	86 40.5 3053
3	74 58.0 3049	40 39.1 3090	73 27.7 3083	83 24.3 3354	85 11.3 3050
6	76 27.2 3045	39 10.7 3090	71 59.2 3080	82 1.2 3353	83 42.2 3046
9	77 56.4 3042	37 42.4 3090	70 30.7 3077	80 38.0 3352	82 12.9 3043
12	79 25.8 3038	36 14.0 3091	69 2.1 3075	79 14.8 3352	80 43.6 3039
15	80 55.2 3034	34 45.7 3091	67 33.4 3072	77 51.6 3351	79 14.2 3035
18	82 24.7 3029	33 17.4 3093	66 4.7 3069	76 28.4 3352	77 44.7 3031
21	83 54.3 3025	31 49.1 3095	64 35.9 3066	75 5.3 3352	76 15.2 3027
<b>24 UT</b>	<b>+Jupiter</b>	<b>–Aldebaran</b>	<b>–Capella</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>
0	11 36.2 3699	63 7.1 3063	73 42.1 3353	74 45.5 3023	83 3.5 3203
3	12 53.0 3541	61 38.2 3059	72 18.9 3354	73 15.8 3018	81 37.5 3200
6	14 12.6 3427	60 9.2 3056	70 55.8 3356	71 46.0 3014	80 11.3 3197
9	15 34.4 3340	58 40.1 3054	69 32.7 3359	70 16.1 3010	78 45.1 3194
12	16 57.8 3272	57 11.0 3051	68 9.6 3361	68 46.1 3005	77 18.9 3191
15	18 22.6 3219	55 41.9 3048	66 46.6 3365	67 16.0 3000	75 52.6 3189
18	19 48.3 3175	54 12.7 3044	65 23.7 3369	65 45.8 2995	74 26.2 3187
21	21 15.0 3139	52 43.4 3042	64 0.8 3374	64 15.5 2990	72 59.8 3185
<b>25 UT</b>	<b>+Jupiter</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>	<b>–Pollux</b>
0	22 42.3 3108	51 14.0 3039	62 45.1 2985	71 33.3 3183	93 3.6 3014
3	24 10.3 3082	49 44.6 3037	61 14.5 2980	70 6.9 3181	91 33.6 3008
6	25 38.8 3059	48 15.2 3034	59 43.9 2975	68 40.3 3180	90 3.6 3002
9	27 7.8 3038	46 45.7 3032	58 13.2 2969	67 13.8 3179	88 33.4 2996
12	28 37.2 3020	45 16.1 3030	56 42.3 2964	65 47.2 3178	87 3.2 2990
15	30 7.0 3003	43 46.6 3028	55 11.4 2958	64 20.6 3178	85 32.8 2984
18	31 37.1 2988	42 16.9 3027	53 40.3 2952	62 54.1 3178	84 2.2 2978
21	33 7.6 2974	40 47.3 3026	52 9.1 2946	61 27.5 3178	82 31.6 2972
<b>26 UT</b>	<b>+Jupiter</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Pollux</b>	<b>–Procyon</b>
0	34 38.3 2960	39 17.6 3027	50 37.8 2941	81 0.8 2966	85 32.8 3061
3	36 9.4 2947	37 48.0 3027	49 6.3 2934	79 29.9 2959	84 3.8 3055
6	37 40.7 2935	36 18.3 3028	47 34.8 2928	77 58.8 2953	82 34.8 3049
9	39 12.3 2922	34 48.7 3030	46 3.1 2922	76 27.6 2946	81 5.6 3043
12	40 44.1 2912	33 19.1 3034	44 31.2 2916	74 56.3 2939	79 36.3 3037
15	42 16.1 2900	31 49.7 3039	42 59.3 2910	73 24.8 2932	78 6.8 3031
18	43 48.5 2889	30 20.3 3046	41 27.2 2904	71 53.2 2925	76 37.3 3025
21	45 21.0 2878	28 51.0 3056	39 54.9 2898	70 21.4 2919	75 7.6 3019

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>27 UT</b>	<b>+Jupiter</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>	<b>–Pollux</b>	<b>–Procyon</b>
0	46 53.8 2867	38 22.6 2891	48 30.2 3216	68 49.5 2911	73 37.8 3013
3	48 26.8 2857	36 50.1 2886	47 4.4 3226	67 17.4 2905	72 7.8 3008
6	49 60.0 2846	35 17.5 2880	45 38.8 3238	65 45.2 2897	70 37.8 3002
9	51 33.4 2835	33 44.7 2873	44 13.4 3251	64 12.9 2889	69 7.6 2996
12	53 7.1 2825	32 11.9 2868	42 48.2 3268	62 40.3 2882	67 37.3 2991
15	54 41.0 2814	30 38.9 2863	41 23.4 3287	61 7.7 2875	66 7.0 2986
18	56 15.2 2803	29 5.8 2858	39 59.0 3309	59 34.8 2867	64 36.5 2981
21	57 49.6 2793	27 32.6 2855	38 35.0 3336	58 1.8 2860	63 5.9 2976
<b>28 UT</b>	<b>+Jupiter</b>	<b>+Hamal</b>	<b>–Elnath</b>	<b>–Pollux</b>	<b>–Procyon</b>
0	59 24.2 2782	19 56.9 2963	25 59.3 2851	56 28.7 2852	61 35.2 2972
3	60 59.0 2771	21 27.9 2931	24 26.0 2850	54 55.3 2845	60 4.4 2968
6	62 34.1 2759	22 59.5 2902	22 52.6 2849	53 21.8 2838	58 33.5 2964
9	64 9.5 2748	24 31.8 2876	21 19.2 2851	51 48.2 2830	57 2.6 2961
12	65 45.1 2737	26 4.6 2853	19 45.9 2856	50 14.4 2823	55 31.5 2958
15	67 20.9 2725	27 37.9 2832	18 12.6 2865	48 40.5 2816	54 0.5 2956
18	68 57.0 2714	29 11.7 2812	16 39.6 2881	47 6.4 2809	52 29.3 2954
21	70 33.3 2702	30 45.9 2792	15 6.9 2905	45 32.1 2802	50 58.2 2953
<b>29 UT</b>	<b>+Jupiter</b>	<b>+Hamal</b>	<b>–Pollux</b>	<b>–Procyon</b>	<b>–Sun</b>
0	72 9.9 2691	32 20.5 2775	43 57.7 2797	49 27.0 2954	116 15.7 3070
3	73 46.8 2678	33 55.5 2757	42 23.2 2790	47 55.8 2955	114 46.9 3056
6	75 23.9 2666	35 30.9 2740	40 48.5 2786	46 24.7 2958	113 17.9 3043
9	77 1.3 2654	37 6.7 2724	39 13.8 2781	44 53.6 2962	111 48.6 3030
12	78 39.0 2641	38 42.8 2708	37 38.9 2777	43 22.6 2968	110 19.0 3016
15	80 17.0 2629	40 19.3 2692	36 3.9 2775	41 51.8 2976	108 49.1 3002
18	81 55.2 2616	41 56.1 2676	34 28.9 2774	40 21.1 2987	107 19.0 2989
21	83 33.8 2603	43 33.3 2660	32 53.9 2774	38 50.6 3000	105 48.6 2974
<b>30 UT</b>	<b>+Jupiter</b>	<b>+Hamal</b>	<b>+Aldebaran</b>	<b>–Pollux</b>	<b>–Sun</b>
0	85 12.6 2590	45 10.8 2645	14 10.9 3308	31 18.9 2777	104 17.8 2960
3	86 51.7 2576	46 48.7 2629	15 34.9 3163	29 43.9 2782	102 46.8 2945
6	88 31.2 2564	48 27.0 2614	17 1.8 3051	28 9.1 2790	101 15.4 2931
9	90 10.9 2550	50 5.5 2599	18 31.0 2962	26 34.4 2802	99 43.8 2916
12	91 51.0 2537	51 44.5 2584	20 2.0 2889	24 60.0 2820	98 11.8 2901
15	93 31.3 2523	53 23.8 2568	21 34.5 2829	23 26.0 2845	96 39.5 2886
18	95 12.0 2509	55 3.4 2553	23 8.3 2777	21 52.5 2880	95 6.9 2870
21	96 53.0 2495	56 43.4 2537	24 43.3 2732	20 19.8 2927	93 34.0 2855