

## DECEMBER 2013

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Jupiter</b>	<b>+Regulus</b>	<b>+Mars</b>	<b>+Spica</b>	<b>–Sun</b>
0	112 3.6 2254	71 36.8 2278	45 14.5 2459	17 46.3 2262	27 18.5 2604
3	113 50.7 2239	73 23.3 2263	46 56.7 2441	19 33.2 2246	25 39.7 2592
6	115 38.2 2224	75 10.2 2246	48 39.3 2423	21 20.5 2230	24 0.6 2579
9	117 26.0 2210	76 57.5 2231	50 22.3 2405	23 8.2 2215	22 21.2 2569
12	119 14.2 2196	78 45.2 2217	52 5.8 2389	24 56.3 2200	20 41.6 2560
15	121 2.8 2183	80 33.2 2202	53 49.6 2373	26 44.7 2186	19 1.8 2554
18	122 51.6 2170	82 21.6 2189	55 33.8 2358	28 33.5 2172	17 21.8 2551
21	124 40.8 2158	84 10.3 2176	57 18.4 2343	30 22.7 2159	15 41.8 2554
<b>4 UT</b>	<b>+Sun</b>	<b>–Venus</b>	<b>–Enif</b>	<b>–Fomalhaut</b>	<b>–Markab</b>
0	14 15.8 2418	28 18.6 2391	66 39.5 2280	71 23.2 2551	86 47.3 2201
3	15 58.9 2401	26 34.8 2414	64 53.0 2286	69 43.2 2563	84 58.9 2201
6	17 42.4 2390	24 51.6 2443	63 6.7 2295	68 3.4 2577	83 10.5 2202
9	19 26.2 2382	23 9.0 2480	61 20.6 2305	66 24.0 2593	81 22.1 2204
12	21 10.2 2375	21 27.3 2528	59 34.7 2316	64 45.0 2612	79 33.7 2207
15	22 54.4 2373	19 46.8 2591	57 49.1 2330	63 6.3 2633	77 45.4 2212
18	24 38.6 2371	18 7.7 2675	56 3.9 2346	61 28.2 2657	75 57.3 2217
21	26 22.9 2371	16 30.4 2789	54 19.0 2364	59 50.5 2684	74 9.2 2223
<b>5 UT</b>	<b>+Sun</b>	<b>–Enif</b>	<b>–Markab</b>	<b>–Diphda</b>	<b>–Hamal</b>
0	28 7.1 2372	52 34.6 2384	72 21.4 2231	84 13.0 2431	115 39.9 2125
3	29 51.4 2375	50 50.6 2407	70 33.7 2240	82 30.2 2439	113 49.6 2127
6	31 35.6 2378	49 7.2 2433	68 46.2 2249	80 47.5 2447	111 59.3 2129
9	33 19.7 2382	47 24.4 2462	66 59.0 2261	79 5.1 2459	110 9.1 2134
12	35 3.7 2388	45 42.3 2495	65 12.1 2273	77 22.9 2470	108 19.0 2138
15	36 47.5 2393	44 1.0 2532	63 25.4 2287	75 41.0 2484	106 28.9 2144
18	38 31.2 2400	42 20.5 2573	61 39.1 2302	73 59.4 2499	104 39.1 2150
21	40 14.8 2408	40 41.0 2620	59 53.2 2318	72 18.2 2516	102 49.4 2157
<b>6 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Markab</b>	<b>–Diphda</b>	<b>–Hamal</b>
0	41 58.2 2416	7 39.6 7601	58 7.7 2336	70 37.3 2534	100 59.8 2164
3	43 41.4 2425	8 10.9 5500	56 22.6 2356	68 56.9 2554	99 10.5 2172
6	45 24.3 2435	9 1.6 4408	54 37.9 2377	67 16.9 2575	97 21.3 2181
9	47 7.1 2445	10 6.8 3775	52 53.8 2400	65 37.5 2599	95 32.4 2191
12	48 49.6 2455	11 22.3 3383	51 10.3 2425	63 58.5 2624	93 43.7 2200
15	50 31.9 2466	12 44.9 3131	49 27.3 2452	62 20.2 2651	91 55.3 2211
18	52 13.9 2478	14 12.4 2961	47 44.9 2481	60 42.4 2681	90 7.1 2222
21	53 55.6 2489	15 43.4 2844	46 3.3 2513	59 5.4 2712	88 19.2 2233
<b>7 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Hamal</b>	<b>–Menkar</b>	<b>–Aldebaran</b>
0	55 37.1 2502	17 16.9 2762	86 31.6 2246	95 2.7 2273	119 47.1 2185
3	57 18.2 2514	18 52.2 2702	84 44.3 2258	93 16.0 2285	117 58.3 2196
6	58 59.1 2527	20 28.8 2660	82 57.3 2271	91 29.7 2297	116 9.8 2209
9	60 39.7 2541	22 6.4 2630	81 10.6 2284	89 43.6 2309	114 21.5 2221
12	62 19.9 2555	23 44.6 2609	79 24.2 2298	87 57.8 2322	112 33.6 2234
15	63 59.9 2569	25 23.3 2594	77 38.2 2312	86 12.4 2336	110 46.0 2247
18	65 39.5 2583	27 2.3 2584	75 52.5 2326	84 27.3 2350	108 58.7 2260
21	67 18.8 2597	28 41.6 2578	74 7.1 2341	82 42.5 2364	107 11.8 2273

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<b>8 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Hamal</b>	<b>–Menkar</b>	<b>–Aldebaran</b>
0	68 57.8 2612	30 21.0 2576	72 22.1 2356	80 58.1 2378	105 25.1 2287
3	70 36.4 2626	32 0.5 2575	70 37.5 2371	79 14.0 2393	103 38.8 2300
6	72 14.7 2641	33 40.0 2578	68 53.2 2387	77 30.3 2409	101 52.8 2314
9	73 52.7 2656	35 19.4 2581	67 9.4 2403	75 46.9 2424	100 7.2 2328
12	75 30.3 2671	36 58.7 2585	65 25.9 2419	74 3.9 2439	98 21.9 2342
15	77 7.6 2686	38 38.0 2592	63 42.8 2436	72 21.3 2456	96 36.9 2356
18	78 44.6 2701	40 17.0 2599	62 0.0 2452	70 39.0 2472	94 52.3 2370
21	80 21.2 2717	41 56.0 2607	60 17.7 2470	68 57.2 2489	93 8.0 2384
<b>9 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Hamal</b>	<b>–Menkar</b>	<b>–Aldebaran</b>
0	81 57.5 2732	43 34.7 2615	58 35.8 2487	67 15.7 2506	91 24.1 2398
3	83 33.5 2747	45 13.3 2624	56 54.3 2504	65 34.6 2522	89 40.5 2412
6	85 9.1 2763	46 51.7 2633	55 13.2 2523	63 53.9 2540	87 57.2 2426
9	86 44.3 2777	48 29.8 2643	53 32.5 2542	62 13.7 2558	86 14.2 2440
12	88 19.3 2793	50 7.8 2653	51 52.2 2561	60 33.8 2576	84 31.6 2454
15	89 53.9 2808	51 45.5 2663	50 12.4 2580	58 54.3 2595	82 49.3 2468
18	91 28.2 2823	53 22.9 2673	48 33.1 2600	57 15.3 2613	81 7.4 2482
21	93 2.2 2837	55 0.2 2684	46 54.2 2621	55 36.7 2633	79 25.7 2496
<b>10 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Aldebaran</b>	<b>–Betelgeuse</b>	<b>–Jupiter</b>
0	94 35.8 2852	56 37.2 2694	77 44.4 2509	97 1.1 2600	116 1.7 2492
3	96 9.1 2867	58 14.0 2705	76 3.4 2523	95 22.2 2613	114 20.3 2505
6	97 42.1 2881	59 50.5 2715	74 22.8 2536	93 43.6 2626	112 39.2 2517
9	99 14.8 2896	61 26.9 2726	72 42.4 2549	92 5.2 2639	110 58.4 2530
12	100 47.2 2910	63 2.9 2737	71 2.3 2562	90 27.2 2652	109 17.9 2542
15	102 19.3 2924	64 38.8 2748	69 22.5 2575	88 49.5 2665	107 37.6 2555
18	103 51.1 2938	66 14.4 2758	67 43.1 2588	87 12.1 2678	105 57.7 2567
21	105 22.6 2952	67 49.7 2768	66 3.9 2601	85 34.9 2691	104 18.0 2579
<b>11 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Aldebaran</b>	<b>–Betelgeuse</b>	<b>–Jupiter</b>
0	106 53.8 2966	69 24.9 2779	64 25.0 2614	83 58.1 2704	102 38.6 2591
3	108 24.7 2979	70 59.8 2789	62 46.4 2626	82 21.5 2717	100 59.5 2603
6	109 55.4 2992	72 34.5 2799	61 8.1 2638	80 45.2 2730	99 20.7 2614
9	111 25.7 3006	74 9.0 2809	59 30.0 2650	79 9.2 2743	97 42.1 2626
12	112 55.8 3018	75 43.2 2819	57 52.3 2662	77 33.5 2755	96 3.8 2637
15	114 25.6 3031	77 17.3 2829	56 14.8 2674	75 58.1 2768	94 25.7 2648
18	115 55.2 3044	78 51.1 2838	54 37.5 2685	74 22.9 2781	92 47.9 2659
21	117 24.5 3056	80 24.7 2848	53 0.5 2697	72 48.1 2794	91 10.3 2670
<b>12 UT</b>	<b>+Venus</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>	<b>–Jupiter</b>
0	81 58.2 2857	51 23.8 2708	63 43.5 2769	71 13.5 2807	89 33.0 2681
3	83 31.4 2866	49 47.3 2719	62 8.4 2782	69 39.2 2820	87 55.9 2691
6	85 4.4 2875	48 11.1 2730	60 33.6 2795	68 5.2 2833	86 19.1 2702
9	86 37.3 2883	46 35.1 2740	58 59.0 2807	66 31.4 2846	84 42.5 2712
12	88 9.9 2892	44 59.3 2751	57 24.7 2821	64 58.0 2860	83 6.1 2723
15	89 42.4 2901	43 23.8 2762	55 50.7 2833	63 24.8 2873	81 29.9 2731
18	91 14.7 2909	41 48.5 2772	54 17.0 2846	61 51.9 2886	79 54.0 2742
21	92 46.8 2917	40 13.5 2783	52 43.5 2860	60 19.3 2900	78 18.2 2751

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<b>13 UT</b>	+Venus	–Aldebaran	–Betelgeuse	–Jupiter	–Procyon
0	94 18.7 2925	38 38.6 2792	58 47.0 2913	76 42.7 2761	84 35.4 2861
3	95 50.5 2933	37 4.0 2803	57 15.0 2928	75 7.4 2770	83 2.2 2871
6	97 22.1 2940	35 29.6 2813	55 43.3 2942	73 32.3 2779	81 29.3 2881
9	98 53.6 2947	33 55.4 2823	54 11.9 2956	71 57.4 2788	79 56.6 2890
12	100 24.9 2955	32 21.5 2833	52 40.7 2972	70 22.7 2797	78 24.1 2900
15	101 56.0 2962	30 47.7 2843	51 9.9 2987	68 48.2 2806	76 51.8 2910
18	103 27.0 2969	29 14.2 2853	49 39.5 3003	67 13.8 2814	75 19.7 2919
21	104 57.9 2977	27 40.9 2864	48 9.3 3020	65 39.7 2823	73 47.8 2929
<b>14 UT</b>	+Venus	–Aldebaran	–Jupiter	–Pollux	–Procyon
0	106 28.5 2983	26 7.8 2874	64 5.7 2831	69 22.9 2954	72 16.1 2938
3	107 59.1 2990	24 35.0 2886	62 31.9 2840	67 51.7 2965	70 44.6 2948
6	109 29.5 2996	23 2.4 2897	60 58.3 2848	66 20.8 2975	69 13.3 2957
9	110 59.8 3003	21 30.0 2910	59 24.9 2856	64 50.0 2986	67 42.2 2967
12	112 29.9 3009	19 57.9 2923	57 51.7 2863	63 19.5 2996	66 11.3 2977
15	113 60.0 3015	18 26.1 2938	56 18.6 2872	61 49.2 3007	64 40.6 2987
18	115 29.8 3021	16 54.6 2955	54 45.7 2880	60 19.2 3017	63 10.1 2997
21	116 59.6 3028	15 23.5 2976	53 12.9 2888	58 49.3 3029	61 39.9 3007
<b>15 UT</b>	+Hamal	–Jupiter	–Pollux	–Procyon	–Regulus
0	22 0.8 3400	51 40.4 2895	57 19.7 3039	60 9.8 3017	93 26.6 2926
3	23 23.1 3349	50 8.0 2903	55 50.3 3052	58 39.9 3027	91 54.8 2933
6	24 46.3 3308	48 35.7 2911	54 21.2 3063	57 10.3 3038	90 23.2 2939
9	26 10.3 3275	47 3.7 2919	52 52.3 3076	55 40.9 3049	88 51.7 2946
12	27 35.0 3248	45 31.8 2927	51 23.6 3088	54 11.7 3060	87 20.4 2952
15	29 0.2 3225	44 0.0 2934	49 55.2 3101	52 42.7 3072	85 49.2 2958
18	30 25.8 3207	42 28.4 2943	48 27.1 3116	51 14.0 3083	84 18.1 2965
21	31 51.8 3191	40 57.0 2951	46 59.3 3130	49 45.5 3095	82 47.2 2971
<b>16 UT</b>	+Hamal	–Jupiter	–Pollux	–Procyon	–Regulus
0	33 18.2 3179	39 25.8 2960	45 31.7 3145	48 17.3 3108	81 16.4 2977
3	34 44.7 3169	37 54.8 2968	44 4.5 3161	46 49.3 3122	79 45.7 2983
6	36 11.5 3160	36 23.9 2977	42 37.6 3179	45 21.6 3136	78 15.1 2988
9	37 38.4 3153	34 53.2 2986	41 11.0 3198	43 54.2 3151	76 44.7 2995
12	39 5.5 3147	33 22.7 2995	39 44.8 3217	42 27.0 3167	75 14.4 3000
15	40 32.7 3143	31 52.4 3006	38 19.0 3239	41 0.2 3184	73 44.2 3006
18	41 60.0 3139	30 22.3 3016	36 53.6 3262	39 33.8 3202	72 14.1 3011
21	43 27.4 3136	28 52.5 3028	35 28.7 3288	38 7.7 3222	70 44.1 3017
<b>17 UT</b>	+Hamal	+Aldebaran	–Jupiter	–Procyon	–Regulus
0	44 54.8 3134	11 0.3 3118	27 22.8 3041	36 42.0 3244	69 14.2 3022
3	46 22.2 3133	12 28.0 3098	25 53.5 3055	35 16.7 3267	67 44.5 3028
6	47 49.7 3132	13 56.2 3085	24 24.4 3071	33 51.9 3293	66 14.9 3033
9	49 17.2 3130	15 24.7 3077	22 55.7 3088	32 27.5 3322	64 45.3 3037
12	50 44.8 3131	16 53.3 3072	21 27.3 3110	31 3.8 3354	63 15.9 3043
15	52 12.3 3130	18 22.0 3068	19 59.3 3134	29 40.6 3391	61 46.6 3047
18	53 39.8 3131	19 50.8 3067	18 31.9 3164	28 18.2 3433	60 17.4 3053
21	55 7.4 3131	21 19.6 3066	17 5.0 3202	26 56.6 3480	58 48.3 3057

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<b>18 UT</b>	<b>+Hamal</b>	<b>+Aldebaran</b>	<b>–Jupiter</b>	<b>–Regulus</b>	<b>–Mars</b>
0	56 34.9 3132	22 48.5 3066	15 38.9 3249	57 19.2 3062	92 23.0 3234
3	58 2.4 3133	24 17.3 3067	14 13.8 3312	55 50.3 3067	90 57.6 3237
6	59 29.9 3134	25 46.2 3068	12 49.8 3398	54 21.5 3072	89 32.1 3241
9	60 57.3 3135	27 15.0 3069	11 27.5 3518	52 52.8 3076	88 6.8 3245
12	62 24.8 3136	28 43.7 3070	10 7.4 3698	51 24.1 3081	86 41.6 3248
15	63 52.2 3137	30 12.5 3072	8 50.6 3981	49 55.6 3085	85 16.4 3251
18	65 19.6 3138	31 41.2 3074	7 38.7 4456	48 27.1 3090	83 51.2 3254
21	66 47.0 3139	33 9.9 3075	6 34.2 5322	46 58.8 3094	82 26.1 3257
<b>19 UT</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>–Regulus</b>	<b>–Mars</b>	<b>–Spica</b>
0	34 38.6 3077	24 10.9 3391	45 30.5 3098	81 1.1 3260	99 3.4 3064
3	36 7.2 3079	25 33.3 3360	44 2.3 3103	79 36.2 3262	97 34.5 3066
6	37 35.8 3080	26 56.4 3334	42 34.2 3107	78 11.2 3265	96 5.7 3068
9	39 4.3 3081	28 19.9 3311	41 6.2 3112	76 46.4 3266	94 36.9 3071
12	40 32.9 3082	29 43.9 3293	39 38.3 3116	75 21.5 3269	93 8.1 3072
15	42 1.4 3083	31 8.2 3276	38 10.5 3121	73 56.7 3270	91 39.4 3074
18	43 29.9 3084	32 32.9 3262	36 42.8 3125	72 32.0 3272	90 10.8 3075
21	44 58.3 3085	33 57.8 3250	35 15.1 3131	71 7.2 3273	88 42.1 3077
<b>20 UT</b>	<b>+Aldebaran</b>	<b>+Jupiter</b>	<b>–Regulus</b>	<b>–Mars</b>	<b>–Spica</b>
0	46 26.8 3086	10 19.5 3526	33 47.6 3136	69 42.5 3275	87 13.5 3078
3	47 55.2 3086	11 39.4 3416	32 20.2 3142	68 17.9 3276	85 44.9 3079
6	49 23.7 3086	13 1.3 3339	30 52.9 3149	66 53.2 3276	84 16.3 3079
9	50 52.1 3086	14 24.8 3283	29 25.7 3155	65 28.6 3276	82 47.7 3079
12	52 20.5 3086	15 49.3 3241	27 58.7 3163	64 3.9 3277	81 19.1 3080
15	53 49.0 3085	17 14.6 3208	26 31.8 3172	62 39.3 3277	79 50.6 3079
18	55 17.4 3084	18 40.6 3183	25 5.1 3182	61 14.7 3276	78 22.0 3078
21	56 45.9 3083	20 7.1 3162	23 38.6 3194	59 50.0 3276	76 53.4 3078
<b>21 UT</b>	<b>+Aldebaran</b>	<b>+Betelgeuse</b>	<b>+Jupiter</b>	<b>–Mars</b>	<b>–Spica</b>
0	58 14.4 3082	40 17.7 3304	21 34.0 3145	58 25.4 3275	75 24.8 3076
3	59 42.9 3080	41 41.8 3289	23 1.2 3130	57 0.7 3274	73 56.2 3075
6	61 11.4 3078	43 6.2 3276	24 28.8 3117	55 36.0 3273	72 27.5 3073
9	62 40.0 3076	44 30.9 3263	25 56.6 3106	54 11.3 3271	70 58.8 3071
12	64 8.7 3074	45 55.8 3252	27 24.6 3096	52 46.5 3269	69 30.1 3069
15	65 37.3 3071	47 20.9 3241	28 52.8 3086	51 21.8 3267	68 1.3 3066
18	67 6.1 3068	48 46.2 3230	30 21.2 3078	49 56.9 3265	66 32.5 3063
21	68 34.9 3064	50 11.8 3219	31 49.8 3069	48 32.1 3261	65 3.6 3059
<b>22 UT</b>	<b>+Aldebaran</b>	<b>+Betelgeuse</b>	<b>+Jupiter</b>	<b>–Mars</b>	<b>–Spica</b>
0	70 3.8 3060	51 37.5 3209	33 18.6 3061	47 7.1 3259	63 34.6 3056
3	71 32.7 3056	53 3.5 3199	34 47.5 3054	45 42.1 3256	62 5.5 3052
6	73 1.8 3051	54 29.7 3189	36 16.6 3046	44 17.1 3252	60 36.4 3047
9	74 30.9 3046	55 56.0 3179	37 45.9 3038	42 52.0 3248	59 7.2 3043
12	76 0.2 3041	57 22.6 3169	39 15.3 3030	41 26.8 3244	57 37.9 3037
15	77 29.5 3035	58 49.4 3159	40 44.9 3022	40 1.5 3240	56 8.4 3032
18	78 59.0 3030	60 16.3 3150	42 14.6 3014	38 36.2 3236	54 38.9 3026
21	80 28.6 3023	61 43.5 3140	43 44.6 3006	37 10.7 3231	53 9.2 3020

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<b>23 UT</b>	<b>+Jupiter</b>	<b>+Procyon</b>	<b>-Mars</b>	<b>-Spica</b>	<b>-Sun</b>
0	45 14.6 2997	37 28.8 3229	35 45.2 3227	51 39.4 3013	118 51.8 3412
3	46 44.9 2989	38 54.4 3208	34 19.6 3222	50 9.5 3006	117 29.7 3404
6	48 15.3 2979	40 20.3 3188	32 53.9 3217	48 39.4 2998	116 7.5 3395
9	49 46.0 2971	41 46.7 3169	31 28.1 3213	47 9.2 2990	114 45.2 3386
12	51 16.8 2961	43 13.5 3151	30 2.2 3208	45 38.7 2981	113 22.6 3376
15	52 47.8 2951	44 40.6 3133	28 36.2 3204	44 8.2 2973	111 59.9 3367
18	54 19.0 2941	46 8.1 3116	27 10.2 3201	42 37.4 2964	110 37.0 3357
21	55 50.5 2930	47 35.9 3099	25 44.0 3197	41 6.4 2954	109 13.9 3346
<b>24 UT</b>	<b>+Jupiter</b>	<b>+Procyon</b>	<b>-Spica</b>	<b>-Saturn</b>	<b>-Sun</b>
0	57 22.1 2920	49 4.1 3083	39 35.3 2944	65 24.7 2978	107 50.6 3335
3	58 54.0 2908	50 32.6 3065	38 3.9 2934	63 54.0 2968	106 27.1 3323
6	60 26.1 2897	52 1.4 3049	36 32.3 2923	62 23.1 2957	105 3.4 3311
9	61 58.5 2885	53 30.6 3033	35 0.5 2912	60 52.0 2945	103 39.4 3299
12	63 31.1 2873	55 0.1 3017	33 28.4 2900	59 20.7 2933	102 15.2 3286
15	65 4.0 2860	56 30.0 3000	31 56.1 2888	57 49.1 2921	100 50.8 3273
18	66 37.2 2847	58 0.2 2984	30 23.6 2876	56 17.2 2908	99 26.0 3259
21	68 10.6 2834	59 30.7 2967	28 50.8 2863	54 45.1 2895	98 1.1 3245
<b>25 UT</b>	<b>+Jupiter</b>	<b>+Procyon</b>	<b>-Spica</b>	<b>-Saturn</b>	<b>-Sun</b>
0	69 44.3 2820	61 1.6 2951	27 17.7 2850	53 12.7 2881	96 35.8 3230
3	71 18.3 2806	62 32.8 2934	25 44.3 2837	51 40.0 2868	95 10.3 3215
6	72 52.6 2792	64 4.4 2918	24 10.7 2823	50 7.0 2854	93 44.4 3200
9	74 27.3 2777	65 36.3 2901	22 36.7 2809	48 33.7 2839	92 18.3 3184
12	76 2.2 2762	67 8.6 2884	21 2.5 2796	47 0.1 2824	90 51.8 3168
15	77 37.5 2747	68 41.3 2866	19 27.9 2781	45 26.1 2808	89 25.0 3152
18	79 13.1 2731	70 14.3 2849	17 53.0 2766	43 51.9 2793	87 57.9 3134
21	80 49.1 2715	71 47.7 2832	16 17.8 2752	42 17.3 2777	86 30.5 3118
<b>26 UT</b>	<b>+Jupiter</b>	<b>+Procyon</b>	<b>+Regulus</b>	<b>-Saturn</b>	<b>-Sun</b>
0	82 25.4 2699	73 21.5 2813	39 22.8 2768	40 42.3 2761	85 2.7 3100
3	84 2.1 2682	74 55.6 2796	40 57.9 2749	39 7.0 2744	83 34.5 3082
6	85 39.1 2666	76 30.2 2778	42 33.5 2730	37 31.3 2727	82 6.0 3064
9	87 16.5 2649	78 5.1 2760	44 9.5 2711	35 55.3 2710	80 37.1 3046
12	88 54.3 2631	79 40.5 2741	45 45.9 2691	34 18.8 2692	79 7.9 3027
15	90 32.5 2613	81 16.2 2723	47 22.8 2672	32 42.0 2674	77 38.2 3007
18	92 11.1 2596	82 52.3 2705	49 0.0 2653	31 4.8 2657	76 8.2 2989
21	93 50.1 2577	84 28.9 2685	50 37.7 2633	29 27.2 2638	74 37.7 2969
<b>27 UT</b>	<b>+Jupiter</b>	<b>+Regulus</b>	<b>+Mars</b>	<b>-Saturn</b>	<b>-Sun</b>
0	95 29.5 2560	52 15.9 2614	13 18.6 2970	27 49.1 2620	73 6.9 2950
3	97 9.4 2541	53 54.5 2594	14 49.5 2907	26 10.7 2602	71 35.6 2929
6	98 49.6 2523	55 33.6 2574	16 21.6 2855	24 31.8 2583	70 4.0 2910
9	100 30.3 2504	57 13.0 2554	17 54.9 2810	22 52.5 2564	68 31.9 2890
12	102 11.4 2486	58 53.0 2534	19 29.1 2771	21 12.8 2546	66 59.3 2870
15	103 53.0 2467	60 33.4 2514	21 4.2 2736	19 32.7 2528	65 26.4 2850
18	105 34.9 2448	62 14.3 2495	22 40.1 2704	17 52.1 2510	63 53.0 2829
21	107 17.4 2429	63 55.6 2475	24 16.6 2675	16 11.1 2491	62 19.2 2809

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>28 UT</b>	<b>+Jupiter</b>	<b>+Regulus</b>	<b>+Mars</b>	<b>+Spica</b>	<b>–Sun</b>
0	109 0.2 2411	65 37.4 2455	25 53.9 2646	11 47.4 2448	60 44.9 2789
3	110 43.5 2392	67 19.7 2436	27 31.7 2619	13 29.8 2426	59 10.2 2769
6	112 27.3 2374	69 2.4 2415	29 10.2 2594	15 12.8 2404	57 35.1 2749
9	114 11.5 2355	70 45.6 2396	30 49.2 2568	16 56.2 2384	55 59.5 2728
12	115 56.1 2337	72 29.3 2377	32 28.9 2545	18 40.2 2364	54 23.5 2709
15	117 41.2 2318	74 13.4 2357	34 9.0 2522	20 24.6 2344	52 47.0 2689
18	119 26.8 2300	75 58.0 2338	35 49.7 2498	22 9.6 2324	51 10.2 2670
21	121 12.7 2283	77 43.1 2319	37 31.0 2476	23 55.0 2305	49 32.8 2651
<b>29 UT</b>	<b>+Regulus</b>	<b>+Gienah</b>	<b>+Mars</b>	<b>+Spica</b>	<b>–Sun</b>
0	79 28.6 2300	41 17.9 2514	39 12.7 2455	25 40.8 2286	47 55.1 2633
3	81 14.6 2282	42 58.8 2481	40 55.0 2434	27 27.1 2267	46 16.9 2615
6	83 1.0 2264	44 40.5 2449	42 37.8 2413	29 13.9 2249	44 38.3 2597
9	84 47.9 2245	46 22.9 2420	44 21.0 2393	31 1.2 2231	42 59.4 2580
12	86 35.2 2228	48 6.0 2392	46 4.8 2373	32 48.8 2213	41 20.0 2563
15	88 23.0 2211	49 49.7 2366	47 49.0 2354	34 37.0 2196	39 40.2 2547
18	90 11.1 2194	51 34.1 2340	49 33.7 2336	36 25.5 2179	38 0.1 2532
21	91 59.7 2178	53 19.1 2317	51 18.8 2318	38 14.5 2163	36 19.7 2518
<b>30 UT</b>	<b>+Mars</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>+Saturn</b>	<b>–Sun</b>
0	53 4.3 2300	40 3.9 2147	18 41.7 2147	13 40.9 2181	34 38.9 2505
3	54 50.3 2283	41 53.6 2131	20 31.5 2131	15 29.8 2164	32 57.8 2492
6	56 36.7 2267	43 43.8 2116	22 21.7 2116	17 19.2 2148	31 16.4 2482
9	58 23.5 2251	45 34.4 2101	24 12.3 2101	19 8.9 2132	29 34.7 2472
12	60 10.7 2237	47 25.3 2088	26 3.2 2088	20 59.1 2118	27 52.9 2465
15	61 58.2 2221	49 16.6 2074	27 54.5 2074	22 49.6 2103	26 10.8 2459
18	63 46.1 2208	51 8.3 2062	29 46.2 2062	24 40.5 2090	24 28.7 2457
21	65 34.4 2195	53 0.2 2050	31 38.1 2049	26 31.8 2078	22 46.5 2458
<b>31 UT</b>	<b>+Mars</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>+Saturn</b>	<b>–Sun</b>
0	67 22.9 2183	54 52.5 2038	33 30.4 2038	28 23.3 2066	21 4.3 2463
3	69 11.8 2171	56 45.0 2027	35 23.0 2027	30 15.1 2055	19 22.2 2475
6	71 1.0 2161	58 37.9 2017	37 15.8 2017	32 7.3 2045	17 40.4 2494
9	72 50.4 2150	60 31.0 2008	39 9.0 2008	33 59.7 2035	15 59.0 2526
12	74 40.1 2141	62 24.3 1999	41 2.3 1999	35 52.3 2026	14 18.4 2575
15	76 30.1 2133	64 17.9 1992	42 55.9 1991	37 45.2 2018	12 39.0 2654
18	78 20.2 2125	66 11.7 1984	44 49.7 1984	39 38.3 2011	11 1.3 2783
21	80 10.5 2118	68 5.7 1978	46 43.7 1977	41 31.6 2004	9 26.5 3003