

## NOVEMBER 2011

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Shaula</b>	<b>–Markab</b>	<b>–Jupiter</b>
0	69 39.8 2887	49 37.9 2966	28 18.6 3229	66 15.9 2708	107 5.2 2515
3	71 12.4 2907	51 8.8 2986	29 44.1 3181	64 39.4 2731	105 24.3 2533
6	72 44.6 2927	52 39.3 3006	31 10.7 3142	63 3.4 2754	103 43.9 2551
9	74 16.3 2946	54 9.3 3026	32 38.0 3112	61 28.0 2778	102 3.8 2569
12	75 47.6 2965	55 39.0 3045	34 5.9 3087	59 53.1 2802	100 24.2 2586
15	77 18.6 2984	57 8.3 3065	35 34.3 3069	58 18.6 2826	98 45.0 2604
18	78 49.1 3003	58 37.1 3084	37 3.1 3054	56 44.8 2851	97 6.2 2621
21	80 19.2 3021	60 5.6 3103	38 32.2 3044	55 11.4 2877	95 27.7 2638
<b>2 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Shaula</b>	<b>+Nunki</b>	<b>–Jupiter</b>
0	81 49.0 3040	61 33.7 3122	40 1.5 3036	19 48.4 2876	93 49.7 2654
3	83 18.3 3058	63 1.4 3140	41 30.9 3031	21 21.2 2867	92 12.0 2671
6	84 47.4 3076	64 28.7 3158	43 0.5 3028	22 54.3 2862	90 34.7 2688
9	86 16.0 3093	65 55.7 3176	44 30.1 3027	24 27.4 2862	88 57.8 2703
12	87 44.3 3110	67 22.4 3193	45 59.7 3028	26 0.5 2864	87 21.2 2719
15	89 12.2 3127	68 48.6 3210	47 29.4 3029	27 33.6 2867	85 45.0 2734
18	90 39.8 3143	70 14.6 3227	48 59.0 3032	29 6.6 2873	84 9.1 2750
21	92 7.1 3159	71 40.2 3243	50 28.5 3035	30 39.4 2879	82 33.5 2764
<b>3 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Jupiter</b>
0	93 34.1 3175	73 5.5 3259	41 22.9 3061	32 12.2 2887	80 58.3 2778
3	95 0.7 3190	74 30.5 3274	42 51.9 3060	33 44.8 2895	79 23.4 2793
6	96 27.1 3204	75 55.2 3290	44 20.8 3061	35 17.2 2903	77 48.8 2807
9	97 53.1 3219	77 19.5 3304	45 49.8 3063	36 49.4 2912	76 14.4 2820
12	99 18.9 3233	78 43.6 3318	47 18.7 3065	38 21.5 2920	74 40.4 2833
15	100 44.4 3246	80 7.5 3332	48 47.5 3069	39 53.4 2929	73 6.7 2846
18	102 9.6 3260	81 31.0 3345	50 16.3 3072	41 25.1 2938	71 33.2 2858
21	103 34.6 3273	82 54.3 3359	51 45.1 3076	42 56.6 2947	69 60.0 2870
<b>4 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Nunki</b>	<b>–Jupiter</b>	<b>–Hamal</b>
0	104 59.3 3285	84 17.4 3371	44 27.9 2956	68 27.0 2881	71 2.0 2945
3	106 23.8 3297	85 40.2 3383	45 59.0 2964	66 54.3 2893	69 30.7 2957
6	107 48.0 3308	87 2.8 3395	47 29.9 2973	65 21.9 2904	67 59.6 2968
9	109 12.0 3319	88 25.2 3406	49 0.7 2981	63 49.7 2914	66 28.7 2979
12	110 35.9 3330	89 47.3 3416	50 31.3 2989	62 17.7 2924	64 58.1 2989
15	111 59.5 3340	91 9.3 3427	52 1.7 2997	60 45.9 2934	63 27.6 3000
18	113 22.9 3350	92 31.0 3437	53 32.0 3005	59 14.3 2944	61 57.4 3010
21	114 46.1 3359	93 52.6 3447	55 2.1 3012	57 42.9 2953	60 27.5 3020
<b>5 UT</b>	<b>+Venus</b>	<b>+Nunki</b>	<b>–Jupiter</b>	<b>–Hamal</b>	<b>–Aldebaran</b>
0	95 14.0 3455	56 32.1 3018	56 11.7 2962	58 57.7 3029	91 57.5 3009
3	96 35.2 3464	58 1.9 3025	54 40.7 2970	57 28.1 3038	90 27.5 3017
6	97 56.3 3472	59 31.6 3032	53 9.9 2979	55 58.6 3047	88 57.6 3025
9	99 17.2 3480	61 1.1 3038	51 39.3 2987	54 29.4 3056	87 27.9 3031
12	100 38.0 3487	62 30.5 3044	50 8.8 2994	53 0.4 3064	85 58.4 3038
15	101 58.6 3494	63 59.8 3049	48 38.5 3002	51 31.5 3073	84 28.9 3045
18	103 19.1 3500	65 29.0 3054	47 8.3 3009	50 2.8 3081	82 59.7 3050
21	104 39.5 3507	66 58.1 3059	45 38.3 3016	48 34.3 3089	81 30.5 3056

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<b>6 UT</b>	<b>+Venus</b>	<b>+Nunki</b>	<b>–Jupiter</b>	<b>–Hamal</b>	<b>–Aldebaran</b>
0	105 59.8 3511	68 27.1 3063	44 8.4 3022	47 5.9 3096	80 1.5 3061
3	107 20.0 3517	69 56.0 3068	42 38.7 3030	45 37.7 3105	78 32.5 3066
6	108 40.0 3522	71 24.8 3072	41 9.1 3036	44 9.6 3112	77 3.7 3071
9	110 0.0 3527	72 53.5 3075	39 39.6 3042	42 41.7 3120	75 34.9 3075
12	111 19.9 3530	74 22.2 3079	38 10.3 3049	41 14.0 3128	74 6.3 3079
15	112 39.8 3534	75 50.8 3081	36 41.1 3055	39 46.4 3136	72 37.7 3083
18	113 59.5 3538	77 19.3 3085	35 12.0 3062	38 19.0 3145	71 9.2 3087
21	115 19.2 3540	78 47.7 3087	33 43.1 3068	36 51.7 3153	69 40.8 3089
<b>7 UT</b>	<b>+Nunki</b>	<b>–Jupiter</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>
0	80 16.2 3089	32 14.3 3076	68 12.4 3092	79 53.7 3091	87 59.1 3210
3	81 44.5 3091	30 45.7 3083	66 44.1 3095	78 25.4 3094	86 33.1 3213
6	83 12.9 3093	29 17.2 3091	65 15.9 3098	76 57.1 3096	85 7.2 3215
9	84 41.2 3094	27 48.8 3100	63 47.7 3100	75 28.9 3097	83 41.4 3217
12	86 9.4 3095	26 20.7 3110	62 19.5 3102	74 0.7 3099	82 15.6 3220
15	87 37.7 3096	24 52.7 3120	60 51.4 3103	72 32.5 3100	80 49.8 3221
18	89 5.9 3097	23 25.0 3134	59 23.3 3105	71 4.3 3102	79 24.1 3224
21	90 34.2 3097	21 57.5 3149	57 55.2 3107	69 36.2 3103	77 58.4 3226
<b>8 UT</b>	<b>+Enif</b>	<b>–Jupiter</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>
0	44 30.6 3479	20 30.3 3167	56 27.2 3107	68 8.1 3103	76 32.8 3227
3	45 51.4 3459	19 3.5 3190	54 59.2 3109	66 40.0 3104	75 7.2 3230
6	47 12.5 3441	17 37.2 3219	53 31.3 3110	65 12.0 3104	73 41.7 3232
9	48 34.0 3424	16 11.4 3256	52 3.3 3111	63 43.9 3104	72 16.1 3234
12	49 55.8 3408	14 46.4 3307	50 35.4 3111	62 15.8 3105	70 50.7 3236
15	51 17.9 3393	13 22.3 3375	49 7.5 3112	60 47.8 3105	69 25.2 3238
18	52 40.3 3379	11 59.6 3472	47 39.6 3113	59 19.7 3104	67 59.8 3240
21	54 3.0 3367	10 38.7 3615	46 11.7 3113	57 51.7 3104	66 34.5 3242
<b>9 UT</b>	<b>+Enif</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>	<b>–Procyon</b>
0	55 25.9 3355	44 43.8 3114	56 23.6 3104	65 9.2 3245	90 52.0 3172
3	56 49.0 3343	43 15.9 3115	54 55.5 3103	63 43.9 3248	89 25.3 3170
6	58 12.4 3332	41 48.1 3116	53 27.4 3102	62 18.7 3251	87 58.6 3168
9	59 35.9 3322	40 20.3 3117	51 59.3 3102	60 53.6 3254	86 31.8 3166
12	60 59.7 3312	38 52.5 3118	50 31.2 3101	59 28.5 3257	85 5.0 3164
15	62 23.6 3303	37 24.7 3120	49 3.1 3100	58 3.5 3262	83 38.1 3162
18	63 47.7 3294	35 56.9 3122	47 34.9 3100	56 38.6 3266	82 11.2 3160
21	65 12.1 3286	34 29.2 3125	46 6.8 3100	55 13.7 3271	80 44.3 3158
<b>10 UT</b>	<b>+Jupiter</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Pollux</b>	<b>–Procyon</b>
0	6 17.4 4572	33 1.6 3127	44 38.6 3099	75 6.3 3118	79 17.3 3156
3	7 20.2 4035	31 34.0 3132	43 10.5 3099	73 38.5 3116	77 50.3 3154
6	8 31.3 3722	30 6.5 3136	41 42.3 3099	72 10.7 3114	76 23.3 3152
9	9 47.7 3526	28 39.1 3142	40 14.1 3099	70 42.8 3112	74 56.2 3150
12	11 7.6 3396	27 11.8 3150	38 46.0 3100	69 14.9 3110	73 29.0 3148
15	12 29.9 3306	25 44.6 3160	37 17.8 3101	67 46.9 3108	72 1.8 3147
18	13 54.0 3240	24 17.7 3171	35 49.7 3102	66 19.0 3105	70 34.6 3144
21	15 19.4 3191	22 51.0 3187	34 21.5 3104	64 50.9 3104	69 7.4 3143

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<b>11 UT</b>	+Jupiter	–Elnath	–Pollux	–Procyon	–Mars
0	16 45.7 3152	32 53.5 3107	63 22.8 3101	67 40.1 3141	99 53.5 3237
3	18 12.8 3121	31 25.5 3111	61 54.7 3100	66 12.8 3140	98 28.1 3233
6	19 40.5 3095	29 57.5 3115	60 26.6 3097	64 45.4 3139	97 2.6 3227
9	21 8.8 3074	28 29.7 3122	58 58.4 3096	63 18.1 3137	95 37.0 3222
12	22 37.5 3056	27 2.0 3130	57 30.1 3095	61 50.7 3137	94 11.3 3218
15	24 6.5 3040	25 34.4 3140	56 1.9 3093	60 23.3 3136	92 45.5 3212
18	25 35.9 3025	24 7.1 3153	54 33.6 3092	58 55.8 3135	91 19.6 3207
21	27 5.6 3012	22 40.0 3170	53 5.3 3091	57 28.4 3135	89 53.6 3201
<b>12 UT</b>	+Jupiter	–Pollux	–Procyon	–Regulus	–Mars
0	28 35.5 3001	51 36.9 3090	56 1.0 3136	88 4.0 3000	88 27.4 3197
3	30 5.7 2989	50 8.6 3090	54 33.5 3136	86 33.8 2994	87 1.2 3191
6	31 36.1 2979	48 40.2 3090	53 6.1 3137	85 3.5 2989	85 34.9 3185
9	33 6.8 2970	47 11.9 3091	51 38.7 3139	83 33.0 2984	84 8.5 3179
12	34 37.6 2960	45 43.5 3092	50 11.4 3141	82 2.5 2978	82 41.9 3173
15	36 8.6 2951	44 15.2 3093	48 44.0 3144	80 31.8 2973	81 15.2 3168
18	37 39.9 2943	42 46.9 3096	47 16.8 3148	79 1.1 2967	79 48.4 3162
21	39 11.3 2933	41 18.7 3099	45 49.6 3152	77 30.2 2961	78 21.6 3155
<b>13 UT</b>	+Jupiter	+Hamal	–Procyon	–Regulus	–Mars
0	40 42.9 2925	37 19.9 3015	44 22.5 3158	75 59.2 2955	76 54.5 3149
3	42 14.6 2917	38 49.8 3004	42 55.5 3165	74 28.0 2949	75 27.4 3143
6	43 46.6 2908	40 19.9 2992	41 28.7 3173	72 56.8 2943	74 0.1 3136
9	45 18.7 2900	41 50.3 2982	40 2.0 3183	71 25.4 2936	72 32.7 3130
12	46 51.0 2892	43 20.9 2971	38 35.5 3195	69 53.8 2930	71 5.1 3124
15	48 23.5 2884	44 51.7 2960	37 9.2 3209	68 22.1 2924	69 37.5 3117
18	49 56.1 2876	46 22.7 2950	35 43.3 3226	66 50.4 2917	68 9.7 3111
21	51 28.9 2868	47 54.0 2940	34 17.6 3246	65 18.4 2911	66 41.7 3104
<b>14 UT</b>	+Jupiter	+Hamal	+Aldebaran	–Regulus	–Mars
0	53 1.9 2859	49 25.4 2930	16 49.5 3141	63 46.3 2903	65 13.6 3097
3	54 35.1 2851	50 57.1 2920	18 16.8 3093	62 14.1 2897	63 45.4 3090
6	56 8.4 2842	52 29.0 2910	19 45.1 3054	60 41.7 2890	62 17.1 3082
9	57 42.0 2834	54 1.0 2901	21 14.2 3021	59 9.2 2883	60 48.6 3076
12	59 15.7 2825	55 33.3 2891	22 43.9 2993	57 36.5 2875	59 19.9 3068
15	60 49.6 2816	57 5.8 2881	24 14.3 2968	56 3.7 2869	57 51.1 3061
18	62 23.7 2808	58 38.5 2871	25 45.2 2945	54 30.7 2861	56 22.2 3054
21	63 58.0 2798	60 11.5 2861	27 16.5 2925	52 57.6 2854	54 53.1 3047
<b>15 UT</b>	+Jupiter	+Hamal	+Aldebaran	–Regulus	–Mars
0	65 32.5 2789	61 44.6 2851	28 48.3 2906	51 24.3 2846	53 23.8 3039
3	67 7.2 2780	63 18.0 2841	30 20.5 2889	49 50.8 2839	51 54.5 3032
6	68 42.1 2770	64 51.5 2831	31 53.0 2872	48 17.2 2831	50 24.9 3025
9	70 17.2 2761	66 25.3 2820	33 25.9 2857	46 43.5 2824	48 55.2 3017
12	71 52.5 2750	67 59.3 2810	34 59.1 2841	45 9.5 2816	47 25.4 3010
15	73 28.0 2741	69 33.6 2799	36 32.7 2826	43 35.4 2809	45 55.4 3003
18	75 3.8 2731	71 8.1 2788	38 6.6 2812	42 1.2 2802	44 25.3 2996
21	76 39.7 2720	72 42.8 2777	39 40.8 2798	40 26.8 2795	42 55.0 2990

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<b>16 UT</b>	<b>+Jupiter</b>	<b>+Aldebaran</b>	<b>–Regulus</b>	<b>–Mars</b>	<b>–Sun</b>
0	78 15.9 2710	41 15.3 2785	38 52.2 2788	41 24.6 2984	121 56.0 3093
3	79 52.4 2699	42 50.0 2771	37 17.5 2782	39 54.0 2978	120 27.7 3081
6	81 29.0 2688	44 25.1 2757	35 42.6 2775	38 23.4 2973	118 59.1 3069
9	83 5.9 2677	46 0.5 2744	34 7.6 2770	36 52.6 2967	117 30.4 3057
12	84 43.1 2666	47 36.2 2731	32 32.5 2765	35 21.7 2964	116 1.3 3044
15	86 20.5 2654	49 12.2 2717	30 57.3 2761	33 50.8 2960	114 32.0 3031
18	87 58.2 2643	50 48.5 2703	29 22.0 2758	32 19.7 2958	113 2.5 3019
21	89 36.1 2631	52 25.1 2690	27 46.6 2756	30 48.6 2958	111 32.7 3006
<b>17 UT</b>	<b>+Jupiter</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>–Mars</b>	<b>–Sun</b>
0	91 14.3 2620	54 1.9 2676	42 26.3 2696	29 17.6 2960	110 2.6 2993
3	92 52.8 2607	55 39.1 2663	44 3.0 2680	27 46.5 2963	108 32.2 2979
6	94 31.5 2595	57 16.6 2649	45 40.1 2665	26 15.5 2970	107 1.6 2966
9	96 10.5 2583	58 54.4 2635	47 17.6 2650	24 44.7 2980	105 30.7 2951
12	97 49.8 2570	60 32.5 2621	48 55.4 2635	23 14.1 2997	103 59.5 2938
15	99 29.4 2557	62 11.0 2607	50 33.5 2619	21 43.8 3019	102 27.9 2923
18	101 9.3 2544	63 49.7 2593	52 11.9 2604	20 14.0 3051	100 56.1 2909
21	102 49.5 2532	65 28.8 2579	53 50.7 2590	18 44.9 3095	99 24.0 2895
<b>18 UT</b>	<b>+Jupiter</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>–Sun</b>
0	104 29.9 2519	67 8.1 2565	55 29.9 2574	48 52.3 2791	97 51.6 2879
3	106 10.7 2505	68 47.9 2550	57 9.4 2559	50 26.9 2766	96 18.9 2865
6	107 51.8 2492	70 27.9 2536	58 49.2 2544	52 2.1 2741	94 45.8 2850
9	109 33.2 2479	72 8.3 2522	60 29.4 2529	53 37.9 2717	93 12.4 2835
12	111 14.9 2465	73 49.0 2507	62 9.9 2514	55 14.1 2694	91 38.7 2819
15	112 56.9 2452	75 30.0 2492	63 50.8 2499	56 50.9 2672	90 4.7 2804
18	114 39.3 2438	77 11.4 2479	65 32.0 2484	58 28.2 2651	88 30.3 2789
21	116 21.9 2424	78 53.1 2463	67 13.6 2469	60 6.0 2629	86 55.6 2773
<b>19 UT</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>+Pollux</b>	<b>+Procyon</b>	<b>–Sun</b>
0	68 55.6 2454	61 44.2 2609	39 19.6 2588	36 1.6 2728	85 20.6 2757
3	70 37.9 2439	63 22.9 2589	40 58.7 2563	37 37.7 2692	83 45.2 2742
6	72 20.5 2424	65 2.0 2569	42 38.5 2539	39 14.5 2656	82 9.5 2726
9	74 3.5 2409	66 41.7 2551	44 18.8 2516	40 52.1 2625	80 33.4 2710
12	75 46.9 2394	68 21.7 2532	45 59.6 2494	42 30.5 2595	78 56.9 2695
15	77 30.6 2379	70 2.1 2514	47 41.0 2472	44 9.5 2566	77 20.2 2679
18	79 14.7 2364	71 43.0 2496	49 22.9 2452	45 49.2 2539	75 43.1 2664
21	80 59.1 2349	73 24.3 2479	51 5.2 2432	47 29.5 2514	74 5.6 2647
<b>20 UT</b>	<b>+Betelgeuse</b>	<b>+Pollux</b>	<b>+Procyon</b>	<b>+Regulus</b>	<b>–Sun</b>
0	75 6.0 2462	52 48.0 2412	49 10.4 2490	15 57.8 2570	72 27.7 2633
3	76 48.1 2445	54 31.3 2394	50 51.8 2466	17 37.4 2510	70 49.6 2617
6	78 30.6 2430	56 15.0 2376	52 33.8 2445	19 18.4 2461	69 11.1 2602
9	80 13.5 2414	57 59.2 2358	54 16.3 2423	21 0.5 2420	67 32.2 2586
12	81 56.7 2399	59 43.7 2341	55 59.3 2403	22 43.6 2385	65 53.0 2572
15	83 40.3 2384	61 28.7 2325	57 42.8 2384	24 27.5 2354	64 13.4 2557
18	85 24.3 2370	63 14.1 2308	59 26.8 2365	26 12.2 2327	62 33.5 2542
21	87 8.6 2356	64 59.9 2292	61 11.2 2347	27 57.5 2302	60 53.3 2528

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<b>21 UT</b>	<b>+Pollux</b>	<b>+Procyon</b>	<b>+Regulus</b>	<b>+Mars</b>	<b>-Sun</b>
0	66 46.1 2277	62 56.0 2330	29 43.4 2280	25 24.7 2524	59 12.7 2514
3	68 32.6 2263	64 41.3 2313	31 29.9 2259	27 5.3 2490	57 31.9 2501
6	70 19.5 2249	66 27.0 2297	33 16.9 2240	28 46.8 2460	55 50.7 2488
9	72 6.7 2235	68 13.0 2282	35 4.3 2223	30 28.9 2434	54 9.2 2474
12	73 54.3 2222	69 59.4 2267	36 52.2 2206	32 11.7 2409	52 27.4 2461
15	75 42.2 2210	71 46.2 2254	38 40.5 2191	33 55.0 2388	50 45.3 2450
18	77 30.4 2197	73 33.3 2240	40 29.2 2175	35 38.9 2367	49 2.9 2438
21	79 18.9 2186	75 20.8 2228	42 18.3 2162	37 23.2 2349	47 20.2 2427
<b>22 UT</b>	<b>+Pollux</b>	<b>+Procyon</b>	<b>+Regulus</b>	<b>+Mars</b>	<b>-Sun</b>
0	81 7.7 2176	77 8.5 2216	44 7.7 2149	39 8.0 2332	45 37.3 2416
3	82 56.8 2165	78 56.6 2205	45 57.4 2137	40 53.2 2316	43 54.1 2405
6	84 46.1 2156	80 44.9 2195	47 47.4 2125	42 38.8 2301	42 10.6 2396
9	86 35.7 2147	82 33.4 2185	49 37.8 2115	44 24.8 2288	40 27.0 2387
12	88 25.5 2138	84 22.3 2176	51 28.4 2105	46 11.1 2275	38 43.1 2378
15	90 15.5 2131	86 11.3 2169	53 19.2 2096	47 57.7 2264	36 59.0 2370
18	92 5.7 2124	88 0.5 2161	55 10.3 2087	49 44.5 2253	35 14.7 2363
21	93 56.0 2118	89 50.0 2155	57 1.6 2080	51 31.6 2244	33 30.3 2356
<b>23 UT</b>	<b>+Procyon</b>	<b>+Alphard</b>	<b>+Regulus</b>	<b>+Mars</b>	<b>-Sun</b>
0	91 39.5 2149	62 6.5 2302	58 53.1 2073	53 19.0 2235	31 45.7 2350
3	93 29.3 2144	63 52.4 2289	60 44.7 2066	55 6.6 2228	30 0.9 2345
6	95 19.1 2141	65 38.7 2277	62 36.6 2061	56 54.3 2221	28 16.0 2341
9	97 9.0 2137	67 25.2 2267	64 28.5 2056	58 42.3 2215	26 31.0 2337
12	98 59.1 2136	69 12.0 2258	66 20.6 2053	60 30.3 2210	24 45.9 2334
15	100 49.1 2134	70 59.0 2250	68 12.8 2049	62 18.5 2205	23 0.8 2332
18	102 39.2 2134	72 46.2 2244	70 5.1 2047	64 6.9 2203	21 15.6 2331
21	104 29.3 2135	74 33.5 2239	71 57.4 2045	65 55.2 2200	19 30.4 2331
<b>26 UT</b>	<b>+Sun</b>	<b>-Altair</b>	<b>-Enif</b>	<b>-Fomalhaut</b>	<b>-Markab</b>
0	10 15.2 2441	54 35.9 2831	79 19.1 2314	81 2.5 2605	99 28.9 2251
3	11 57.8 2448	53 2.1 2877	77 33.4 2328	79 23.7 2622	97 41.8 2261
6	13 40.3 2457	51 29.3 2929	75 48.2 2344	77 45.3 2641	95 54.8 2272
9	15 22.5 2468	49 57.6 2985	74 3.2 2360	76 7.4 2662	94 8.2 2284
12	17 4.4 2481	48 27.1 3047	72 18.7 2377	74 29.9 2684	92 21.8 2297
15	18 46.1 2494	46 57.9 3115	70 34.6 2396	72 52.9 2708	90 35.7 2310
18	20 27.4 2509	45 30.1 3190	68 50.9 2415	71 16.4 2734	88 50.0 2325
21	22 8.4 2523	44 3.7 3273	67 7.7 2436	69 40.5 2762	87 4.6 2340
<b>27 UT</b>	<b>+Sun</b>	<b>-Enif</b>	<b>-Fomalhaut</b>	<b>-Markab</b>	<b>-Jupiter</b>
0	23 49.1 2539	65 25.0 2458	68 5.2 2791	85 19.6 2355	123 37.8 2214
3	25 29.4 2555	63 42.8 2481	66 30.5 2822	83 35.0 2372	121 49.7 2229
6	27 9.3 2572	62 1.2 2505	64 56.6 2856	81 50.7 2389	120 2.0 2244
9	28 48.9 2589	60 20.1 2531	63 23.3 2891	80 6.9 2407	118 14.6 2260
12	30 28.0 2607	58 39.6 2557	61 50.8 2929	78 23.5 2425	116 27.7 2275
15	32 6.8 2624	56 59.7 2585	60 19.1 2969	76 40.5 2444	114 41.1 2292
18	33 45.1 2643	55 20.5 2615	58 48.3 3012	74 58.0 2464	112 54.9 2309
21	35 23.1 2662	53 41.9 2646	57 18.3 3057	73 15.9 2484	111 9.1 2326

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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>–Enif</b>	<b>–Markab</b>	<b>–Jupiter</b>
0	37 0.6 2681	11 10.3 2881	52 4.0 2679	71 34.4 2505	109 23.8 2343
3	38 37.7 2700	12 43.0 2873	50 26.9 2714	69 53.3 2526	107 38.9 2361
6	40 14.3 2719	14 15.9 2874	48 50.6 2750	68 12.7 2548	105 54.3 2378
9	41 50.6 2739	15 48.8 2880	47 15.0 2790	66 32.6 2571	104 10.3 2397
12	43 26.3 2759	17 21.5 2890	45 40.4 2831	64 53.0 2593	102 26.6 2415
15	45 1.7 2778	18 54.0 2902	44 6.6 2876	63 13.9 2617	100 43.4 2433
18	46 36.6 2799	20 26.3 2917	42 33.8 2923	61 35.4 2642	99 0.6 2452
21	48 11.1 2819	21 58.2 2932	41 1.9 2974	59 57.5 2666	97 18.3 2470
<b>29 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Markab</b>	<b>–Jupiter</b>	<b>–Hamal</b>
0	49 45.1 2839	23 29.9 2948	58 20.1 2692	95 36.4 2489	100 57.0 2532
3	51 18.8 2859	25 1.1 2966	56 43.2 2718	93 54.9 2507	99 16.6 2551
6	52 51.9 2879	26 32.1 2984	55 7.0 2745	92 13.8 2526	97 36.5 2569
9	54 24.7 2899	28 2.6 3002	53 31.3 2773	90 33.2 2544	95 56.9 2587
12	55 57.0 2919	29 32.8 3020	51 56.3 2801	88 53.1 2563	94 17.7 2606
15	57 28.9 2939	31 2.6 3039	50 21.8 2831	87 13.3 2581	92 38.9 2624
18	59 0.4 2959	32 32.0 3058	48 48.1 2861	85 34.0 2600	91 0.6 2642
21	60 31.4 2979	34 1.0 3077	47 14.9 2893	83 55.1 2618	89 22.6 2661
<b>30 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Markab</b>	<b>–Jupiter</b>	<b>–Hamal</b>
0	62 2.1 2998	35 29.6 3096	45 42.5 2926	82 16.6 2636	87 45.1 2679
3	63 32.3 3017	36 57.8 3113	44 10.7 2961	80 38.5 2654	86 8.0 2696
6	65 2.2 3037	38 25.7 3133	42 39.7 2998	79 0.8 2672	84 31.2 2715
9	66 31.6 3055	39 53.2 3151	41 9.5 3035	77 23.5 2690	82 54.9 2732
12	68 0.7 3074	41 20.3 3170	39 40.0 3076	75 46.6 2707	81 18.9 2749
15	69 29.4 3092	42 47.1 3188	38 11.4 3119	74 10.2 2724	79 43.4 2766
18	70 57.7 3110	44 13.4 3205	36 43.6 3166	72 34.0 2741	78 8.2 2783
21	72 25.6 3128	45 39.5 3223	35 16.8 3216	70 58.3 2757	76 33.4 2800