

## DECEMBER 2014

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Sun</b>	<b>+Mars</b>	<b>+Altair</b>	<b>+Enif</b>	<b>–Aldebaran</b>
0	110 34.5 2676	62 26.5 2620	60 58.9 2872	33 25.0 3160	70 59.2 2339
3	112 11.7 2680	64 5.0 2623	62 31.8 2859	34 52.0 3094	69 14.1 2342
6	113 48.8 2685	65 43.4 2625	64 5.0 2848	36 20.3 3037	67 29.2 2346
9	115 25.8 2689	67 21.7 2629	65 38.4 2838	37 49.7 2988	65 44.3 2350
12	117 2.6 2693	68 59.9 2632	67 12.1 2829	39 20.1 2946	63 59.5 2353
15	118 39.4 2699	70 38.1 2636	68 45.9 2822	40 51.5 2910	62 14.9 2358
18	120 16.1 2704	72 16.2 2639	70 19.9 2816	42 23.6 2878	60 30.3 2362
21	121 52.7 2709	73 54.2 2644	71 54.0 2812	43 56.3 2851	58 45.8 2366
<b>2 UT</b>	<b>+Altair</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>–Aldebaran</b>	<b>–Pollux</b>
0	73 28.2 2808	45 29.7 2827	43 53.3 3315	57 1.4 2371	100 6.1 2464
3	75 2.5 2805	47 3.6 2806	45 17.1 3264	55 17.2 2375	98 24.1 2468
6	76 36.8 2804	48 37.9 2788	46 42.0 3219	53 33.0 2380	96 42.1 2472
9	78 11.2 2804	50 12.6 2773	48 7.8 3179	51 49.0 2385	95 0.2 2476
12	79 45.5 2804	51 47.6 2760	49 34.3 3144	50 5.1 2390	93 18.5 2480
15	81 19.9 2806	53 23.0 2749	51 1.6 3113	48 21.3 2396	91 36.8 2486
18	82 54.3 2807	54 58.5 2739	52 29.5 3085	46 37.6 2401	89 55.3 2491
21	84 28.6 2811	56 34.3 2732	53 57.9 3061	44 54.0 2407	88 13.8 2496
<b>3 UT</b>	<b>+Altair</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Aldebaran</b>
0	86 2.8 2815	58 10.3 2725	55 26.9 3040	38 24.6 2949	43 10.6 2412
3	87 36.9 2820	59 46.4 2720	56 56.3 3021	39 55.8 2917	41 27.4 2419
6	89 10.9 2825	61 22.6 2717	58 26.0 3006	41 27.8 2890	39 44.2 2425
9	90 44.8 2832	62 58.9 2714	59 56.1 2992	43 0.3 2867	38 1.3 2432
12	92 18.6 2839	64 35.2 2712	61 26.5 2980	44 33.3 2848	36 18.5 2438
15	93 52.2 2848	66 11.6 2712	62 57.1 2970	46 6.7 2831	34 35.8 2445
18	95 25.6 2857	67 48.0 2712	64 27.9 2962	47 40.5 2817	32 53.3 2452
21	96 58.9 2867	69 24.4 2713	65 58.9 2955	49 14.6 2806	31 11.0 2460
<b>4 UT</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Jupiter</b>	<b>–Regulus</b>
0	71 0.7 2715	67 30.1 2950	50 48.9 2796	101 56.5 2483	109 22.7 2475
3	72 37.1 2718	69 1.3 2946	52 23.4 2789	100 14.9 2491	107 40.9 2482
6	74 13.3 2721	70 32.7 2944	53 58.1 2783	98 33.4 2498	105 59.3 2489
9	75 49.5 2725	72 4.0 2942	55 33.0 2778	96 52.2 2505	104 17.8 2497
12	77 25.6 2730	73 35.4 2942	57 7.9 2775	95 11.1 2512	102 36.5 2504
15	79 1.6 2736	75 6.8 2944	58 42.9 2774	93 30.2 2521	100 55.4 2513
18	80 37.5 2742	76 38.2 2946	60 17.9 2773	91 49.4 2529	99 14.5 2521
21	82 13.2 2749	78 9.6 2949	61 53.0 2774	90 8.9 2538	97 33.8 2529
<b>5 UT</b>	<b>+Markab</b>	<b>–Pollux</b>	<b>–Jupiter</b>	<b>–Alphard</b>	<b>–Regulus</b>
0	63 28.0 2775	59 56.6 2651	88 28.6 2546	91 55.1 2754	95 53.2 2538
3	65 3.0 2777	58 18.8 2665	86 48.4 2555	90 19.7 2763	94 12.9 2547
6	66 37.9 2780	56 41.4 2679	85 8.5 2563	88 44.4 2772	92 32.8 2555
9	68 12.8 2784	55 4.3 2694	83 28.7 2573	87 9.3 2782	90 52.8 2565
12	69 47.6 2788	53 27.5 2710	81 49.2 2582	85 34.5 2793	89 13.1 2574
15	71 22.4 2794	51 51.1 2726	80 9.9 2592	83 59.9 2804	87 33.6 2584
18	72 56.9 2800	50 15.0 2743	78 30.8 2602	82 25.5 2815	85 54.3 2594
21	74 31.4 2806	48 39.3 2762	76 51.9 2612	80 51.4 2828	84 15.3 2604

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<b>6 UT</b>	–Pollux	–Procyon	–Jupiter	–Alphard	–Regulus
0	47 4.0 2781	49 9.9 2748	75 13.3 2622	79 17.5 2840	82 36.5 2614
3	45 29.2 2802	47 34.3 2766	73 34.9 2633	77 44.0 2854	80 57.9 2624
6	43 54.7 2824	45 59.1 2785	71 56.8 2643	76 10.7 2867	79 19.5 2635
9	42 20.8 2847	44 24.3 2805	70 18.8 2654	74 37.7 2882	77 41.4 2645
12	40 47.4 2873	42 50.0 2827	68 41.1 2665	73 5.0 2897	76 3.5 2656
15	39 14.5 2900	41 16.1 2850	67 3.7 2676	71 32.6 2913	74 25.9 2667
18	37 42.2 2930	39 42.8 2875	65 26.5 2688	70 0.6 2929	72 48.5 2678
21	36 10.5 2962	38 9.9 2902	63 49.6 2698	68 28.9 2946	71 11.4 2689
<b>7 UT</b>	+Menkar	+Aldebaran	–Procyon	–Jupiter	–Regulus
0	36 29.6 2883	10 34.1 2723	36 37.7 2930	62 12.9 2710	69 34.5 2700
3	38 2.2 2881	12 10.3 2726	35 6.0 2962	60 36.4 2722	67 57.8 2712
6	39 34.9 2880	13 46.3 2731	33 35.0 2997	59 0.3 2733	66 21.5 2724
9	41 7.7 2881	15 22.3 2739	32 4.8 3035	57 24.4 2746	64 45.3 2736
12	42 40.4 2883	16 58.1 2747	30 35.3 3077	55 48.7 2757	63 9.5 2747
15	44 13.0 2886	18 33.7 2756	29 6.7 3126	54 13.3 2770	61 33.8 2759
18	45 45.6 2889	20 9.1 2766	27 39.0 3180	52 38.2 2782	59 58.5 2771
21	47 18.2 2894	21 44.3 2776	26 12.5 3242	51 3.4 2795	58 23.4 2783
<b>8 UT</b>	+Hamal	+Menkar	+Aldebaran	–Jupiter	–Regulus
0	57 17.4 2905	48 50.6 2899	23 19.3 2786	49 28.8 2807	56 48.6 2795
3	58 49.6 2912	50 22.9 2905	24 54.1 2796	47 54.5 2820	55 14.0 2807
6	60 21.6 2920	51 55.1 2912	26 28.6 2807	46 20.5 2833	53 39.7 2819
9	61 53.5 2928	53 27.2 2918	28 2.9 2817	44 46.7 2845	52 5.6 2831
12	63 25.2 2936	54 59.1 2926	29 37.0 2828	43 13.2 2859	50 31.9 2843
15	64 56.7 2944	56 30.8 2933	31 10.8 2839	41 40.1 2871	48 58.3 2855
18	66 28.1 2952	58 2.4 2941	32 44.4 2850	40 7.1 2885	47 25.1 2867
21	67 59.3 2962	59 33.9 2949	34 17.8 2860	38 34.5 2899	45 52.1 2880
<b>9 UT</b>	+Markab	+Aldebaran	–Jupiter	–Regulus	–Spica
0	112 42.6 3108	35 51.0 2870	37 2.2 2912	44 19.3 2891	97 49.1 2871
3	114 10.5 3125	37 23.9 2881	35 30.1 2927	42 46.8 2904	96 16.2 2882
6	115 38.2 3142	38 56.6 2891	33 58.4 2941	41 14.6 2916	94 43.5 2893
9	117 5.5 3160	40 29.1 2902	32 27.0 2957	39 42.6 2928	93 11.0 2903
12	118 32.4 3178	42 1.4 2912	30 55.9 2972	38 10.9 2940	91 38.8 2913
15	119 59.0 3196	43 33.4 2922	29 25.1 2988	36 39.5 2953	90 6.8 2924
18	121 25.2 3216	45 5.3 2931	27 54.6 3006	35 8.3 2965	88 35.0 2934
21	122 51.1 3235	46 36.9 2941	26 24.5 3024	33 37.4 2978	87 3.4 2944
<b>10 UT</b>	+Aldebaran	+Betelgeuse	–Jupiter	–Regulus	–Spica
0	48 8.3 2950	30 52.6 3269	24 54.8 3043	32 6.7 2991	85 32.0 2952
3	49 39.6 2960	32 17.4 3253	23 25.5 3066	30 36.3 3004	84 0.8 2962
6	51 10.6 2968	33 42.5 3239	21 56.7 3089	29 6.2 3018	82 29.8 2971
9	52 41.5 2977	35 7.9 3228	20 28.3 3117	27 36.4 3032	80 59.0 2980
12	54 12.2 2985	36 33.5 3219	19 0.5 3149	26 6.8 3047	79 28.4 2988
15	55 42.7 2993	37 59.2 3212	17 33.3 3188	24 37.6 3063	77 57.9 2996
18	57 13.0 3001	39 25.1 3206	16 6.9 3234	23 8.7 3080	76 27.6 3004
21	58 43.2 3009	40 51.2 3201	14 41.5 3295	21 40.1 3099	74 57.5 3012

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<b>11 UT</b>	+Aldebaran	+Betelgeuse	–Gienah	–Spica	–Menkent
0	60 13.2 3016	42 17.3 3197	60 15.0 3190	73 27.6 3019	90 7.6 3413
3	61 43.1 3022	43 43.5 3195	58 48.7 3202	71 57.8 3026	88 45.6 3420
6	63 12.9 3029	45 9.7 3192	57 22.6 3215	70 28.1 3033	87 23.7 3428
9	64 42.5 3035	46 36.0 3190	55 56.7 3228	68 58.6 3039	86 2.0 3435
12	66 12.0 3040	48 2.4 3189	54 31.1 3241	67 29.2 3044	84 40.4 3443
15	67 41.3 3046	49 28.8 3187	53 5.8 3254	65 59.9 3050	83 18.9 3451
18	69 10.6 3051	50 55.1 3187	51 40.7 3268	64 30.7 3055	81 57.6 3459
21	70 39.7 3055	52 21.6 3186	50 15.9 3282	63 1.6 3060	80 36.4 3467
<b>12 UT</b>	+Betelgeuse	–Spica	–Arcturus	–Menkent	–Sun
0	53 48.0 3185	61 32.7 3064	68 33.3 3801	79 15.4 3475	117 21.0 3464
3	55 14.4 3184	60 3.8 3068	67 18.3 3821	77 54.6 3484	115 60.0 3468
6	56 40.9 3183	58 35.0 3072	66 3.6 3843	76 33.9 3492	114 39.0 3471
9	58 7.4 3182	57 6.3 3075	64 49.3 3864	75 13.4 3501	113 18.1 3474
12	59 33.9 3181	55 37.6 3077	63 35.4 3887	73 53.0 3510	111 57.2 3477
15	61 0.4 3180	54 9.0 3079	62 21.9 3912	72 32.8 3519	110 36.4 3478
18	62 26.9 3179	52 40.4 3081	61 8.7 3938	71 12.7 3529	109 15.6 3480
21	63 53.5 3177	51 11.9 3082	59 56.1 3965	69 52.9 3538	107 54.8 3481
<b>13 UT</b>	+Procyon	+Jupiter	–Spica	–Arcturus	–Sun
0	39 40.5 3272	12 25.1 3404	49 43.4 3084	58 43.8 3994	106 34.0 3481
3	41 5.2 3261	13 47.3 3340	48 14.9 3084	57 32.1 4025	105 13.3 3481
6	42 30.2 3250	15 10.7 3292	46 46.4 3084	56 20.8 4058	103 52.6 3481
9	43 55.3 3240	16 35.0 3256	45 18.0 3084	55 10.1 4093	102 31.8 3479
12	45 20.7 3231	18 0.1 3227	43 49.5 3083	53 60.0 4131	101 11.0 3478
15	46 46.2 3221	19 25.7 3203	42 21.0 3081	52 50.5 4171	99 50.2 3476
18	48 11.9 3212	20 51.8 3183	40 52.4 3080	51 41.6 4216	98 29.4 3474
21	49 37.8 3203	22 18.2 3165	39 23.9 3077	50 33.4 4264	97 8.5 3470
<b>14 UT</b>	+Procyon	+Jupiter	–Spica	–Arcturus	–Sun
0	51 3.9 3194	23 45.1 3150	37 55.3 3075	49 26.0 4315	95 47.6 3466
3	52 30.2 3185	25 12.2 3136	36 26.6 3072	48 19.4 4371	94 26.5 3462
6	53 56.6 3176	26 39.6 3124	34 57.9 3069	47 13.6 4432	93 5.4 3458
9	55 23.3 3167	28 7.3 3111	33 29.1 3065	46 8.7 4499	91 44.3 3452
12	56 50.1 3157	29 35.2 3100	32 0.2 3061	45 4.8 4572	90 23.0 3446
15	58 17.1 3148	31 3.4 3089	30 31.3 3057	44 2.0 4653	89 1.6 3440
18	59 44.2 3138	32 31.8 3078	29 2.3 3053	43 0.4 4742	87 40.1 3433
21	61 11.6 3128	34 0.4 3066	27 33.2 3048	41 60.0 4840	86 18.4 3426
<b>15 UT</b>	+Procyon	+Jupiter	+Regulus	–Spica	–Sun
0	62 39.2 3118	35 29.2 3056	28 0.5 3067	26 3.9 3043	84 56.6 3418
3	64 7.0 3108	36 58.3 3045	29 29.3 3055	24 34.6 3039	83 34.7 3410
6	65 35.0 3097	38 27.5 3034	30 58.4 3043	23 5.2 3035	82 12.6 3401
9	67 3.2 3087	39 57.0 3022	32 27.7 3031	21 35.8 3030	80 50.4 3391
12	68 31.6 3075	41 26.8 3011	33 57.2 3019	20 6.2 3027	79 28.0 3382
15	70 0.2 3064	42 56.8 2999	35 27.1 3007	18 36.5 3025	78 5.4 3372
18	71 29.1 3053	44 27.0 2987	36 57.1 2995	17 6.8 3025	76 42.5 3361
21	72 58.2 3041	45 57.5 2975	38 27.4 2982	15 37.2 3027	75 19.5 3349

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<b>16 UT</b>	<b>+Procyon</b>	<b>+Jupiter</b>	<b>+Regulus</b>	<b>–Menkent</b>	<b>–Sun</b>
0	74 27.6 3028	47 28.2 2962	39 58.0 2969	38 15.1 4240	73 56.3 3338
3	75 57.2 3016	48 59.2 2950	41 28.8 2956	37 7.3 4325	72 32.9 3326
6	77 27.1 3003	50 30.4 2937	42 60.0 2943	36 0.8 4422	71 9.2 3313
9	78 57.2 2990	52 2.0 2923	44 31.4 2930	34 55.8 4532	69 45.3 3301
12	80 27.6 2977	53 33.8 2909	46 3.0 2916	33 52.4 4658	68 21.1 3287
15	81 58.3 2964	55 5.9 2896	47 35.0 2902	32 50.8 4804	66 56.7 3274
18	83 29.3 2950	56 38.3 2882	49 7.2 2888	31 51.3 4972	65 32.0 3260
21	85 0.5 2936	58 10.9 2868	50 39.8 2874	30 54.0 5166	64 7.0 3246
<b>17 UT</b>	<b>+Procyon</b>	<b>+Jupiter</b>	<b>+Regulus</b>	<b>+Gienah</b>	<b>–Sun</b>
0	86 32.1 2922	59 43.9 2853	52 12.7 2859	18 42.4 4499	62 41.8 3231
3	88 3.9 2908	61 17.3 2838	53 45.8 2844	19 46.2 4247	61 16.2 3216
6	89 36.0 2893	62 50.9 2822	55 19.3 2829	20 53.9 4040	59 50.4 3201
9	91 8.5 2878	64 24.9 2807	56 53.2 2814	22 4.9 3868	58 24.3 3186
12	92 41.2 2864	65 59.1 2792	58 27.3 2798	23 18.8 3724	56 57.9 3170
15	94 14.3 2849	67 33.8 2776	60 1.8 2782	24 35.1 3601	55 31.1 3155
18	95 47.7 2834	69 8.8 2760	61 36.7 2767	25 53.7 3496	54 4.1 3139
21	97 21.4 2819	70 44.1 2744	63 11.8 2751	27 14.2 3403	52 36.7 3123
<b>18 UT</b>	<b>+Jupiter</b>	<b>+Regulus</b>	<b>+Denebola</b>	<b>+Spica</b>	<b>–Sun</b>
0	72 19.8 2728	64 47.4 2734	43 56.0 3009	11 22.6 2831	51 9.0 3107
3	73 55.8 2711	66 23.3 2718	45 26.0 2977	12 56.4 2791	49 41.0 3090
6	75 32.2 2695	67 59.5 2702	46 56.7 2948	14 31.0 2758	48 12.7 3074
9	77 9.0 2678	69 36.1 2685	48 28.0 2918	16 6.4 2729	46 44.0 3058
12	78 46.1 2662	71 13.1 2668	49 59.9 2890	17 42.4 2704	45 15.0 3042
15	80 23.6 2645	72 50.5 2652	51 32.4 2864	19 19.0 2680	43 45.7 3026
18	82 1.5 2628	74 28.2 2635	53 5.5 2838	20 56.1 2658	42 16.0 3010
21	83 39.8 2611	76 6.3 2618	54 39.2 2813	22 33.6 2637	40 46.0 2994
<b>19 UT</b>	<b>+Jupiter</b>	<b>+Denebola</b>	<b>+Gienah</b>	<b>+Spica</b>	<b>–Sun</b>
0	85 18.4 2595	56 13.3 2788	40 19.6 2903	24 11.7 2617	39 15.7 2980
3	86 57.4 2578	57 48.0 2764	41 51.8 2866	25 50.2 2597	37 45.0 2963
6	88 36.9 2562	59 23.3 2742	43 24.8 2833	27 29.2 2578	36 14.1 2950
9	90 16.6 2545	60 59.0 2719	44 58.6 2801	29 8.6 2559	34 42.8 2935
12	91 56.8 2528	62 35.3 2697	46 33.0 2770	30 48.4 2541	33 11.2 2922
15	93 37.4 2513	64 12.0 2676	48 8.1 2742	32 28.7 2524	31 39.4 2909
18	95 18.3 2496	65 49.2 2656	49 43.9 2714	34 9.4 2506	30 7.3 2898
21	96 59.6 2480	67 26.8 2636	51 20.2 2688	35 50.4 2489	28 34.9 2887
<b>20 UT</b>	<b>+Denebola</b>	<b>+Gienah</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>–Sun</b>
0	69 4.9 2616	52 57.1 2663	37 31.9 2473	16 12.0 2494	27 2.4 2878
3	70 43.4 2597	54 34.6 2639	39 13.7 2456	17 53.4 2472	25 29.6 2871
6	72 22.4 2579	56 12.6 2616	40 56.0 2439	19 35.3 2452	23 56.7 2866
9	74 1.8 2561	57 51.2 2594	42 38.6 2423	21 17.6 2434	22 23.7 2865
12	75 41.6 2544	59 30.2 2572	44 21.6 2408	23 0.4 2416	20 50.6 2867
15	77 21.8 2527	61 9.8 2552	46 5.0 2393	24 43.5 2399	19 17.6 2875
18	79 2.4 2511	62 49.8 2533	47 48.8 2378	26 27.1 2383	17 44.7 2890
21	80 43.3 2496	64 30.2 2514	49 32.9 2363	28 11.1 2367	16 12.2 2914

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<b>23 UT</b>	<b>+Sun</b>	<b>–Mars</b>	<b>–Enif</b>	<b>–Fomalhaut</b>	<b>–Markab</b>
0	13 30.4 2767	30 59.6 2505	49 51.1 2607	55 56.4 2819	69 33.7 2418
3	15 5.6 2708	29 18.5 2508	48 12.4 2626	54 22.3 2842	67 50.6 2419
6	16 42.0 2664	27 37.5 2514	46 34.0 2649	52 48.8 2870	66 7.5 2421
9	18 19.5 2630	25 56.6 2523	44 56.2 2676	51 15.8 2902	64 24.4 2424
12	19 57.7 2603	24 15.9 2535	43 19.1 2708	49 43.6 2939	62 41.4 2428
15	21 36.6 2582	22 35.5 2551	41 42.6 2745	48 12.1 2981	60 58.5 2434
18	23 15.9 2565	20 55.5 2575	40 6.9 2788	46 41.5 3030	59 15.8 2442
21	24 55.6 2551	19 16.0 2606	38 32.2 2839	45 11.9 3084	57 33.2 2452
<b>24 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Markab</b>	<b>–Hamal</b>	<b>–Menkar</b>
0	26 35.6 2540	13 2.3 3035	55 50.8 2463	98 35.3 2245	106 56.3 2225
3	28 15.9 2530	14 31.7 2934	54 8.8 2477	96 48.0 2243	105 8.4 2222
6	29 56.4 2523	16 3.3 2861	52 27.0 2492	95 0.6 2242	103 20.5 2220
9	31 37.1 2517	17 36.5 2807	50 45.6 2510	93 13.2 2241	101 32.6 2219
12	33 17.9 2513	19 10.8 2765	49 4.7 2531	91 25.8 2241	99 44.6 2218
15	34 58.8 2509	20 46.0 2735	47 24.2 2555	89 38.4 2242	97 56.6 2218
18	36 39.8 2507	22 21.9 2710	45 44.2 2582	87 51.0 2243	96 8.6 2219
21	38 20.8 2506	23 58.3 2691	44 4.9 2614	86 3.6 2245	94 20.6 2220
<b>25 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Markab</b>	<b>–Menkar</b>	<b>–Aldebaran</b>
0	40 1.9 2506	25 35.2 2677	42 26.3 2650	92 32.7 2222	117 20.5 2155
3	41 43.0 2506	27 12.3 2665	40 48.5 2690	90 44.8 2224	115 30.9 2158
6	43 24.1 2507	28 49.8 2657	39 11.7 2737	88 57.0 2228	113 41.4 2161
9	45 5.1 2509	30 27.4 2651	37 35.8 2790	87 9.2 2231	111 52.0 2164
12	46 46.1 2511	32 5.1 2647	36 1.2 2852	85 21.5 2235	110 2.6 2168
15	48 27.1 2515	33 43.0 2644	34 27.8 2923	83 33.9 2240	108 13.4 2172
18	50 7.9 2519	35 20.9 2643	32 56.0 3005	81 46.5 2245	106 24.2 2177
21	51 48.7 2523	36 58.8 2643	31 25.9 3101	79 59.2 2251	104 35.2 2182
<b>26 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Elnath</b>	<b>–Alnilam</b>	<b>–Betelgeuse</b>
0	53 29.4 2527	38 36.7 2644	114 42.7 2266	115 18.6 2510	121 14.1 2299
3	55 10.0 2532	40 14.6 2646	112 55.8 2269	113 37.6 2507	119 28.1 2300
6	56 50.4 2538	41 52.5 2650	111 9.1 2273	111 56.6 2505	117 42.1 2303
9	58 30.8 2544	43 30.3 2653	109 22.5 2278	110 15.5 2504	115 56.2 2305
12	60 11.0 2550	45 8.0 2657	107 36.0 2283	108 34.4 2504	114 10.4 2309
15	61 51.0 2558	46 45.6 2662	105 49.6 2289	106 53.3 2506	112 24.6 2314
18	63 30.9 2564	48 23.1 2668	104 3.3 2295	105 12.2 2508	110 39.0 2319
21	65 10.6 2572	50 0.5 2674	102 17.2 2301	103 31.2 2511	108 53.4 2324
<b>27 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>–Aldebaran</b>	<b>–Alnilam</b>	<b>–Betelgeuse</b>
0	66 50.1 2579	51 37.7 2680	88 20.4 2240	101 50.2 2515	107 8.0 2330
3	68 29.5 2587	53 14.8 2687	86 33.0 2248	100 9.3 2519	105 22.8 2336
6	70 8.7 2596	54 51.8 2694	84 45.7 2256	98 28.6 2525	103 37.7 2342
9	71 47.7 2604	56 28.6 2702	82 58.7 2264	96 48.0 2531	101 52.7 2350
12	73 26.5 2613	58 5.2 2710	81 11.8 2273	95 7.5 2538	100 7.9 2357
15	75 5.1 2622	59 41.6 2718	79 25.2 2281	93 27.1 2545	98 23.3 2365
18	76 43.6 2631	61 17.9 2726	77 38.7 2289	91 47.0 2553	96 38.9 2372
21	78 21.8 2640	62 53.9 2735	75 52.5 2298	90 7.0 2562	94 54.7 2381

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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>–Aldebaran</b>	<b>–Pollux</b>	<b>–Procyon</b>
0	79 59.8 2650	64 29.8 2744	74 6.5 2307	116 51.1 2419	119 5.9 2412
3	81 37.5 2659	66 5.5 2753	72 20.7 2316	115 7.9 2425	117 22.6 2417
6	83 15.1 2669	67 41.0 2762	70 35.1 2325	113 25.0 2431	115 39.5 2423
9	84 52.5 2678	69 16.2 2772	68 49.7 2334	111 42.1 2437	113 56.5 2429
12	86 29.6 2688	70 51.3 2781	67 4.6 2343	109 59.5 2444	112 13.6 2436
15	88 6.5 2698	72 26.2 2791	65 19.6 2353	108 16.9 2451	110 30.9 2443
18	89 43.2 2708	74 0.8 2801	63 35.0 2362	106 34.6 2459	108 48.3 2451
21	91 19.7 2718	75 35.3 2810	61 50.5 2371	104 52.4 2466	107 6.0 2459
<b>29 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Enif</b>	<b>–Aldebaran</b>	<b>–Pollux</b>
0	92 56.0 2728	77 9.5 2820	42 51.3 2900	60 6.2 2380	103 10.4 2474
3	94 32.0 2738	78 43.5 2830	44 23.6 2878	58 22.2 2390	101 28.6 2482
6	96 7.8 2749	80 17.3 2840	45 56.4 2860	56 38.4 2399	99 47.0 2491
9	97 43.4 2759	81 50.9 2850	47 29.5 2845	54 54.8 2409	98 5.5 2499
12	99 18.7 2768	83 24.3 2860	49 3.0 2831	53 11.4 2418	96 24.3 2508
15	100 53.9 2779	84 57.5 2870	50 36.8 2821	51 28.3 2427	94 43.3 2517
18	102 28.8 2789	86 30.4 2880	52 10.8 2812	49 45.4 2437	93 2.5 2526
21	104 3.5 2800	88 3.1 2891	53 45.0 2805	48 2.7 2446	91 21.9 2535
<b>30 UT</b>	<b>+Sun</b>	<b>+Venus</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>–Aldebaran</b>
0	105 38.0 2809	89 35.6 2900	55 19.4 2799	52 37.2 3123	46 20.2 2455
3	107 12.2 2820	91 7.9 2911	56 53.8 2796	54 4.9 3104	44 38.0 2465
6	108 46.2 2830	92 40.0 2921	58 28.4 2793	55 32.9 3088	42 55.9 2474
9	110 20.0 2840	94 11.9 2931	60 3.0 2791	57 1.3 3073	41 14.1 2483
12	111 53.6 2850	95 43.5 2941	61 37.6 2790	58 30.0 3061	39 32.5 2493
15	113 27.0 2860	97 15.0 2951	63 12.3 2791	59 59.0 3051	37 51.1 2502
18	115 0.1 2872	98 46.2 2961	64 47.0 2792	61 28.1 3043	36 9.9 2511
21	116 33.0 2881	100 17.2 2971	66 21.6 2793	62 57.4 3035	34 29.0 2520
<b>31 UT</b>	<b>+Venus</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Regulus</b>
0	101 48.0 2981	67 56.2 2796	64 26.9 3030	47 49.3 2905	112 43.3 2538
3	103 18.6 2991	69 30.7 2799	65 56.5 3026	49 21.5 2895	111 3.0 2546
6	104 49.0 3001	71 5.2 2802	67 26.1 3023	50 53.9 2887	109 22.9 2555
9	106 19.2 3011	72 39.6 2807	68 55.9 3020	52 26.5 2881	107 42.9 2563
12	107 49.1 3022	74 13.9 2811	70 25.7 3020	53 59.2 2876	106 3.2 2572
15	109 18.9 3032	75 48.1 2816	71 55.5 3020	55 32.0 2872	104 23.6 2580
18	110 48.4 3042	77 22.2 2822	73 25.2 3021	57 4.9 2870	102 44.3 2589
21	112 17.8 3052	78 56.2 2827	74 55.0 3022	58 37.8 2868	101 5.1 2597