

## NOVEMBER 2015

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Menkar</b>	<b>+Aldebaran</b>	<b>–Regulus</b>	<b>–Venus</b>	<b>–Sun</b>
0	53 37.5 2635	28 15.0 2555	51 53.8 2564	73 38.1 2908	119 43.1 2900
3	55 15.6 2651	29 54.9 2574	50 14.0 2584	72 6.0 2930	118 10.8 2921
6	56 53.4 2666	31 34.4 2592	48 34.8 2603	70 34.3 2949	116 39.0 2941
9	58 30.8 2682	33 13.5 2610	46 55.9 2622	69 3.1 2969	115 7.5 2960
12	60 7.8 2698	34 52.2 2629	45 17.5 2641	67 32.2 2990	113 36.5 2980
15	61 44.5 2713	36 30.4 2646	43 39.6 2659	66 1.8 3009	112 5.9 2999
18	63 20.9 2730	38 8.3 2665	42 2.0 2678	64 31.8 3030	110 35.7 3019
21	64 56.9 2745	39 45.7 2682	40 24.9 2697	63 2.2 3049	109 5.9 3038
<b>2 UT</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>–Regulus</b>	<b>–Venus</b>	<b>–Sun</b>
0	30 29.7 2987	24 49.8 3156	38 48.1 2715	61 33.0 3067	107 36.4 3056
3	32 0.1 2980	26 16.8 3124	37 11.8 2734	60 4.2 3087	106 7.4 3075
6	33 30.8 2975	27 44.5 3099	35 35.9 2752	58 35.8 3105	104 38.8 3093
9	35 1.5 2973	29 12.6 3081	34 0.4 2770	57 7.7 3124	103 10.5 3112
12	36 32.3 2973	30 41.2 3067	32 25.3 2788	55 40.1 3141	101 42.5 3129
15	38 3.0 2974	32 10.0 3058	30 50.6 2806	54 12.8 3159	100 15.0 3146
18	39 33.8 2977	33 39.0 3051	29 16.3 2824	52 45.8 3176	98 47.8 3163
21	41 4.4 2981	35 8.1 3047	27 42.3 2842	51 19.2 3193	97 20.9 3179
<b>3 UT</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>–Regulus</b>	<b>–Venus</b>	<b>–Sun</b>
0	42 35.0 2986	36 37.4 3045	26 8.8 2861	49 52.9 3210	95 54.3 3196
3	44 5.5 2992	38 6.6 3045	24 35.7 2880	48 26.9 3226	94 28.1 3211
6	45 35.9 2998	39 35.9 3046	23 2.9 2899	47 1.3 3241	93 2.2 3226
9	47 6.1 3005	41 5.2 3048	21 30.6 2919	45 36.0 3257	91 36.5 3242
12	48 36.2 3012	42 34.4 3051	19 58.7 2940	44 11.0 3271	90 11.2 3256
15	50 6.2 3019	44 3.5 3055	18 27.3 2964	42 46.2 3286	88 46.2 3270
18	51 36.0 3026	45 32.6 3059	16 56.3 2989	41 21.7 3300	87 21.4 3284
21	53 5.7 3033	47 1.6 3064	15 25.9 3019	39 57.6 3313	85 56.9 3297
<b>4 UT</b>	<b>+Aldebaran</b>	<b>+Betelgeuse</b>	<b>–Jupiter</b>	<b>–Venus</b>	<b>–Sun</b>
0	66 28.8 2931	48 30.5 3068	30 50.9 3002	38 33.6 3326	84 32.7 3310
3	68 0.5 2942	49 59.3 3073	29 20.8 3014	37 10.0 3339	83 8.7 3322
6	69 31.9 2953	51 28.0 3079	27 50.9 3026	35 46.5 3351	81 44.9 3334
9	71 3.1 2962	52 56.5 3084	26 21.2 3038	34 23.3 3362	80 21.4 3345
12	72 34.1 2972	54 25.0 3089	24 51.8 3050	33 0.3 3374	78 58.1 3356
15	74 4.9 2982	55 53.4 3094	23 22.6 3062	31 37.6 3385	77 34.9 3366
18	75 35.4 2991	57 21.7 3100	21 53.7 3073	30 15.0 3395	76 12.0 3376
21	77 5.8 2999	58 49.8 3104	20 25.0 3085	28 52.6 3404	74 49.3 3385
<b>5 UT</b>	<b>+Betelgeuse</b>	<b>+Procyon</b>	<b>–Jupiter</b>	<b>–Venus</b>	<b>–Sun</b>
0	60 17.9 3110	34 54.9 3270	18 56.5 3098	27 30.5 3415	73 26.8 3394
3	61 45.8 3114	36 19.7 3259	17 28.3 3111	26 8.5 3423	72 4.4 3403
6	63 13.7 3118	37 44.7 3250	16 0.4 3125	24 46.6 3431	70 42.2 3411
9	64 41.5 3123	39 9.9 3243	14 32.8 3142	23 25.0 3440	69 20.1 3419
12	66 9.2 3127	40 35.2 3236	13 5.5 3162	22 3.5 3448	67 58.2 3425
15	67 36.8 3131	42 0.6 3231	11 38.6 3187	20 42.1 3455	66 36.4 3432
18	69 4.3 3134	43 26.1 3225	10 12.2 3220	19 20.9 3462	65 14.8 3438
21	70 31.7 3138	44 51.8 3221	8 46.4 3272	17 59.8 3470	63 53.2 3444

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<b>6 UT</b>	<b>+Procyon</b>	<b>+Alphard</b>	<b>+Regulus</b>	<b>–Venus</b>	<b>–Sun</b>
0	46 17.5 3218	24 18.9 5249	10 54.4 3215	16 38.8 3476	62 31.8 3449
3	47 43.3 3215	25 12.6 5016	12 20.2 3185	15 18.0 3484	61 10.4 3454
6	49 9.2 3211	26 9.3 4818	13 46.7 3165	13 57.3 3491	59 49.2 3459
9	50 35.1 3209	27 8.7 4649	15 13.5 3151	12 36.7 3499	58 28.0 3463
12	52 1.1 3205	28 10.4 4504	16 40.6 3140	11 16.3 3509	57 7.0 3466
15	53 27.1 3203	29 14.2 4378	18 8.0 3132	9 56.1 3519	55 45.9 3469
18	54 53.2 3200	30 19.9 4268	19 35.5 3126	8 36.0 3535	54 25.0 3472
21	56 19.3 3198	31 27.2 4172	21 3.1 3121	7 16.3 3560	53 4.1 3475
<b>7 UT</b>	<b>+Procyon</b>	<b>+Alphard</b>	<b>+Regulus</b>	<b>+Jupiter</b>	<b>–Sun</b>
0	57 45.5 3195	32 36.1 4088	22 30.8 3117	5 6.7 3463	51 43.2 3477
3	59 11.7 3192	33 46.3 4013	23 58.7 3114	6 27.8 3345	50 22.4 3479
6	60 38.0 3190	34 57.8 3947	25 26.5 3110	7 51.1 3280	49 1.6 3480
9	62 4.4 3187	36 10.3 3887	26 54.5 3107	9 15.7 3242	47 40.8 3482
12	63 30.8 3185	37 23.8 3834	28 22.5 3104	10 41.0 3217	46 20.1 3482
15	64 57.2 3181	38 38.3 3787	29 50.5 3102	12 6.8 3199	44 59.4 3482
18	66 23.8 3178	39 53.5 3743	31 18.7 3099	13 33.0 3187	43 38.7 3483
21	67 50.3 3175	41 9.6 3703	32 46.8 3096	14 59.4 3176	42 18.0 3483
<b>8 UT</b>	<b>+Regulus</b>	<b>+Denebola</b>	<b>+Jupiter</b>	<b>+Venus</b>	<b>–Sun</b>
0	34 15.1 3093	17 10.0 4802	16 26.0 3168	5 2.9 3586	40 57.2 3483
3	35 43.3 3090	18 9.5 4543	17 52.8 3162	6 21.7 3551	39 36.5 3482
6	37 11.7 3087	19 12.8 4336	19 19.7 3155	7 41.1 3530	38 15.8 3481
9	38 40.1 3084	20 19.1 4166	20 46.8 3149	9 1.0 3517	36 55.1 3481
12	40 8.6 3080	21 28.0 4027	22 13.9 3144	10 21.0 3506	35 34.3 3480
15	41 37.2 3077	22 39.3 3911	23 41.2 3139	11 41.3 3499	34 13.6 3479
18	43 5.8 3072	23 52.4 3814	25 8.5 3133	13 1.7 3491	32 52.8 3478
21	44 34.5 3068	25 7.2 3731	26 36.0 3129	14 22.3 3485	31 32.0 3478
<b>9 UT</b>	<b>+Regulus</b>	<b>+Jupiter</b>	<b>+Mars</b>	<b>+Venus</b>	<b>–Sun</b>
0	46 3.3 3064	28 3.6 3123	18 26.8 3297	15 43.0 3479	30 11.2 3477
3	47 32.2 3060	29 31.3 3119	19 51.1 3290	17 3.7 3474	28 50.3 3477
6	49 1.1 3055	30 59.0 3113	21 15.5 3284	18 24.6 3469	27 29.5 3476
9	50 30.2 3051	32 26.9 3108	22 40.0 3278	19 45.6 3463	26 8.7 3477
12	51 59.3 3046	33 54.9 3103	24 4.6 3271	21 6.7 3457	24 47.9 3478
15	53 28.6 3041	35 23.0 3097	25 29.3 3266	22 27.9 3452	23 27.1 3480
18	54 57.9 3035	36 51.2 3091	26 54.1 3260	23 49.2 3446	22 6.3 3483
21	56 27.4 3031	38 19.5 3086	28 19.1 3254	25 10.6 3440	20 45.6 3488
<b>10 UT</b>	<b>+Regulus</b>	<b>+Jupiter</b>	<b>+Mars</b>	<b>+Venus</b>	<b>–Sun</b>
0	57 57.0 3025	39 48.0 3080	29 44.2 3248	26 32.1 3435	19 25.0 3495
3	59 26.7 3019	41 16.5 3074	31 9.4 3241	27 53.7 3428	18 4.5 3504
6	60 56.5 3014	42 45.2 3068	32 34.7 3235	29 15.4 3422	16 44.2 3518
9	62 26.4 3008	44 14.0 3062	34 0.2 3228	30 37.3 3416	15 24.1 3537
12	63 56.4 3002	45 42.9 3056	35 25.8 3222	31 59.2 3410	14 4.4 3565
15	65 26.6 2996	47 12.0 3050	36 51.5 3215	33 21.3 3403	12 45.2 3604
18	66 56.9 2989	48 41.1 3043	38 17.3 3208	34 43.5 3396	11 26.7 3661
21	68 27.3 2984	50 10.5 3037	39 43.3 3202	36 5.9 3390	10 9.2 3749

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<b>13 UT</b>	<b>+Sun</b>	<b>–Nunki</b>	<b>–Al na'ir</b>	<b>–Fomalhaut</b>	<b>–Markab</b>
0	14 58.4 3366	38 52.9 2984	77 16.0 3866	91 14.7 3227	106 22.8 3116
3	16 21.3 3336	37 22.3 2987	76 2.1 3873	89 49.1 3220	104 54.9 3105
6	17 44.8 3310	35 51.8 2989	74 48.3 3880	88 23.4 3213	103 26.9 3094
9	19 8.8 3288	34 21.4 2993	73 34.7 3889	86 57.5 3206	101 58.6 3083
12	20 33.2 3269	32 51.1 3000	72 21.2 3900	85 31.5 3200	100 30.1 3073
15	21 58.0 3252	31 20.9 3008	71 7.8 3913	84 5.3 3194	99 1.4 3063
18	23 23.1 3236	29 50.8 3019	69 54.7 3927	82 39.1 3189	97 32.5 3054
21	24 48.5 3222	28 21.0 3034	68 41.9 3944	81 12.7 3184	96 3.4 3045
<b>14 UT</b>	<b>+Sun</b>	<b>–Al na'ir</b>	<b>–Enif</b>	<b>–Fomalhaut</b>	<b>–Markab</b>
0	26 14.2 3207	67 29.3 3962	74 16.2 3082	79 46.2 3180	94 34.1 3035
3	27 40.2 3194	66 17.0 3983	72 47.6 3079	78 19.7 3177	93 4.7 3027
6	29 6.5 3182	65 5.1 4006	71 19.1 3076	76 53.1 3173	91 35.0 3019
9	30 33.0 3169	63 53.5 4032	69 50.4 3074	75 26.4 3170	90 5.2 3010
12	31 59.7 3158	62 42.4 4061	68 21.7 3073	73 59.7 3169	88 35.2 3003
15	33 26.7 3146	61 31.7 4092	66 53.0 3072	72 32.9 3168	87 5.1 2995
18	34 53.9 3136	60 21.6 4128	65 24.3 3072	71 6.1 3167	85 34.8 2988
21	36 21.4 3124	59 12.0 4167	63 55.6 3073	69 39.3 3167	84 4.3 2981
<b>15 UT</b>	<b>+Sun</b>	<b>–Al na'ir</b>	<b>–Enif</b>	<b>–Fomalhaut</b>	<b>–Markab</b>
0	37 49.0 3113	58 3.1 4209	62 26.9 3074	68 12.5 3168	82 33.7 2974
3	39 16.9 3102	56 54.8 4257	60 58.2 3076	66 45.8 3171	81 3.0 2968
6	40 45.0 3092	55 47.2 4309	59 29.6 3080	65 19.0 3174	79 32.1 2962
9	42 13.3 3081	54 40.5 4366	58 1.0 3084	63 52.4 3178	78 1.1 2956
12	43 41.8 3071	53 34.7 4429	56 32.5 3089	62 25.8 3183	76 30.0 2951
15	45 10.6 3060	52 29.7 4499	55 4.2 3097	60 59.3 3189	74 58.7 2946
18	46 39.6 3049	51 25.9 4577	53 36.0 3105	59 32.9 3198	73 27.4 2941
21	48 8.8 3039	50 23.1 4661	52 7.9 3115	58 6.7 3207	71 55.9 2937
<b>16 UT</b>	<b>+Sun</b>	<b>–Enif</b>	<b>–Fomalhaut</b>	<b>–Markab</b>	<b>–Diphda</b>
0	49 38.2 3028	50 40.1 3127	56 40.7 3218	70 24.4 2933	82 31.6 2947
3	51 7.8 3017	49 12.5 3142	55 14.9 3231	68 52.8 2930	81 0.3 2940
6	52 37.6 3006	47 45.2 3159	53 49.4 3247	67 21.1 2927	79 28.8 2934
9	54 7.7 2996	46 18.2 3178	52 24.2 3264	65 49.4 2925	77 57.2 2928
12	55 38.0 2985	44 51.6 3201	50 59.3 3285	64 17.7 2924	76 25.5 2922
15	57 8.5 2974	43 25.5 3228	49 34.8 3309	62 45.9 2923	74 53.7 2917
18	58 39.3 2963	41 59.9 3259	48 10.8 3336	61 14.1 2924	73 21.8 2913
21	60 10.2 2951	40 34.9 3295	46 47.3 3366	59 42.2 2924	71 49.7 2908
<b>17 UT</b>	<b>+Sun</b>	<b>+Nunki</b>	<b>–Markab</b>	<b>–Diphda</b>	<b>–Hamal</b>
0	61 41.5 2941	15 31.1 3282	58 10.5 2927	70 17.6 2906	100 57.8 2701
3	63 12.9 2929	16 55.7 3150	56 38.7 2930	68 45.4 2902	99 21.1 2690
6	64 44.6 2918	18 22.8 3047	55 7.1 2935	67 13.2 2900	97 44.3 2678
9	66 16.5 2907	19 52.0 2965	53 35.5 2941	65 40.9 2899	96 7.1 2668
12	67 48.7 2895	21 23.0 2897	52 4.1 2948	64 8.5 2898	94 29.7 2656
15	69 21.1 2884	22 55.4 2840	50 32.8 2958	62 36.2 2899	92 52.1 2646
18	70 53.7 2872	24 28.9 2792	49 1.7 2970	61 3.9 2900	91 14.2 2635
21	72 26.6 2861	26 3.6 2751	47 30.9 2985	59 31.6 2904	89 36.1 2625

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<b>18 UT</b>	<b>+Sun</b>	<b>+Nunki</b>	<b>–Hamal</b>	<b>–Menkar</b>	<b>–Aldebaran</b>
0	73 59.8 2848	27 39.1 2714	87 57.8 2614	95 59.5 2552	120 56.6 2499
3	75 33.2 2837	29 15.4 2682	86 19.2 2603	94 19.5 2541	119 15.4 2488
6	77 6.8 2825	30 52.5 2653	84 40.4 2593	92 39.3 2530	117 33.9 2477
9	78 40.8 2813	32 30.2 2626	83 1.3 2583	90 58.7 2519	115 52.1 2466
12	80 14.9 2801	34 8.5 2601	81 22.0 2573	89 18.0 2508	114 10.1 2455
15	81 49.4 2789	35 47.4 2578	79 42.5 2563	87 36.9 2496	112 27.8 2443
18	83 24.1 2777	37 26.8 2557	78 2.7 2554	85 55.6 2486	110 45.3 2433
21	84 59.0 2765	39 6.7 2537	76 22.8 2544	84 14.1 2475	109 2.5 2421
<b>19 UT</b>	<b>+Sun</b>	<b>+Nunki</b>	<b>–Bellatrix</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>
0	86 34.2 2752	40 47.0 2518	117 55.3 2526	119 23.6 2505	125 27.0 2528
3	88 9.7 2740	42 27.8 2500	116 14.7 2511	117 42.5 2490	123 46.5 2512
6	89 45.5 2729	44 9.0 2483	114 33.7 2498	116 1.1 2477	122 5.5 2497
9	91 21.5 2716	45 50.7 2466	112 52.5 2483	114 19.3 2463	120 24.3 2481
12	92 57.8 2705	47 32.7 2450	111 10.8 2470	112 37.2 2449	118 42.6 2467
15	94 34.4 2692	49 15.1 2434	109 28.9 2456	110 54.8 2436	117 0.6 2452
18	96 11.2 2680	50 57.8 2419	107 46.7 2443	109 12.1 2423	115 18.3 2438
21	97 48.3 2669	52 41.0 2404	106 4.1 2430	107 29.1 2411	113 35.6 2424
<b>20 UT</b>	<b>+Sun</b>	<b>+Nunki</b>	<b>+Altair</b>	<b>–Aldebaran</b>	<b>–Betelgeuse</b>
0	99 25.7 2657	54 24.4 2390	42 53.6 3341	93 25.2 2320	111 52.6 2411
3	101 3.3 2645	56 8.2 2375	44 17.0 3266	91 39.8 2309	110 9.3 2398
6	102 41.2 2634	57 52.4 2362	45 41.8 3200	89 54.0 2298	108 25.7 2385
9	104 19.3 2622	59 36.9 2349	47 7.9 3138	88 8.0 2287	106 41.8 2373
12	105 57.7 2611	61 21.6 2336	48 35.3 3081	86 21.7 2276	104 57.5 2360
15	107 36.4 2600	63 6.7 2324	50 3.9 3030	84 35.1 2266	103 13.0 2349
18	109 15.3 2589	64 52.1 2312	51 33.4 2983	82 48.3 2255	101 28.2 2337
21	110 54.5 2578	66 37.8 2300	53 4.0 2939	81 1.2 2245	99 43.2 2326
<b>21 UT</b>	<b>+Sun</b>	<b>+Nunki</b>	<b>+Altair</b>	<b>–Aldebaran</b>	<b>–Pollux</b>
0	112 33.9 2568	68 23.8 2288	54 35.5 2899	79 13.9 2235	122 10.6 2353
3	114 13.5 2558	70 10.1 2278	56 7.8 2862	77 26.3 2225	120 25.9 2339
6	115 53.4 2548	71 56.6 2267	57 40.9 2827	75 38.5 2215	118 40.9 2325
9	117 33.5 2539	73 43.4 2257	59 14.8 2795	73 50.4 2206	116 55.5 2313
12	119 13.8 2529	75 30.4 2247	60 49.4 2766	72 2.1 2197	115 9.8 2300
15	120 54.3 2521	77 17.7 2237	62 24.6 2738	70 13.6 2188	113 23.9 2289
18	122 35.0 2512	79 5.2 2228	64 0.4 2713	68 24.9 2180	111 37.6 2277
21	124 16.0 2504	80 53.0 2219	65 36.8 2690	66 35.9 2172	109 51.1 2267
<b>22 UT</b>	<b>+Nunki</b>	<b>+Altair</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>–Aldebaran</b>
0	82 41.0 2211	67 13.6 2668	39 29.6 2853	36 46.5 3349	64 46.8 2164
3	84 29.1 2203	68 51.0 2648	41 2.9 2797	38 9.7 3248	62 57.4 2156
6	86 17.5 2196	70 28.8 2631	42 37.4 2747	39 34.9 3159	61 7.8 2150
9	88 6.0 2189	72 7.0 2614	44 13.0 2702	41 1.9 3080	59 18.1 2143
12	89 54.8 2183	73 45.6 2599	45 49.6 2662	42 30.4 3010	57 28.2 2136
15	91 43.6 2177	75 24.6 2585	47 27.1 2626	44 0.4 2947	55 38.2 2130
18	93 32.7 2172	77 3.8 2573	49 5.4 2594	45 31.7 2892	53 48.0 2125
21	95 21.8 2167	78 43.3 2563	50 44.4 2565	47 4.2 2842	51 57.7 2120

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<b>23 UT</b>	<b>+Altair</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Aldebaran</b>
0	80 23.1 2554	52 24.1 2539	48 37.7 2798	33 20.8 2992	50 7.2 2116
3	82 3.0 2546	54 4.4 2516	50 12.2 2758	34 51.2 2910	48 16.6 2112
6	83 43.2 2540	55 45.3 2496	51 47.6 2723	36 23.3 2840	46 26.0 2109
9	85 23.5 2534	57 26.6 2477	53 23.8 2691	37 56.9 2778	44 35.2 2106
12	87 3.9 2531	59 8.4 2461	55 0.6 2662	39 31.8 2725	42 44.4 2104
15	88 44.4 2528	60 50.5 2446	56 38.1 2637	41 7.9 2679	40 53.5 2102
18	90 24.9 2528	62 33.0 2434	58 16.2 2615	42 45.0 2639	39 2.6 2101
21	92 5.5 2528	64 15.7 2422	59 54.8 2595	44 23.1 2604	37 11.6 2100
<b>24 UT</b>	<b>+Altair</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Aldebaran</b>
0	93 46.1 2530	65 58.8 2413	61 33.8 2578	46 1.9 2573	35 20.6 2100
3	95 26.6 2533	67 42.0 2406	63 13.2 2563	47 41.4 2547	33 29.7 2101
6	97 7.0 2538	69 25.4 2400	64 53.0 2550	49 21.5 2524	31 38.7 2102
9	98 47.4 2544	71 9.0 2395	66 33.0 2539	51 2.2 2504	29 47.8 2104
12	100 27.6 2552	72 52.7 2392	68 13.3 2531	52 43.3 2487	27 56.9 2107
15	102 7.6 2561	74 36.5 2390	69 53.8 2524	54 24.8 2473	26 6.1 2110
18	103 47.4 2572	76 20.3 2389	71 34.4 2518	56 6.7 2461	24 15.4 2113
21	105 26.9 2584	78 4.1 2389	73 15.2 2515	57 48.8 2451	22 24.7 2118
<b>25 UT</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Procyon</b>	<b>–Denebola</b>
0	79 47.9 2391	74 56.1 2513	59 31.1 2444	66 25.1 2227	122 28.3 2274
3	81 31.7 2394	76 37.0 2512	61 13.6 2438	64 37.3 2236	120 41.6 2273
6	83 15.4 2398	78 18.0 2513	62 56.3 2434	62 49.7 2245	118 55.0 2274
9	84 59.0 2403	79 58.9 2515	64 39.1 2432	61 2.4 2257	117 8.4 2276
12	86 42.5 2410	81 39.7 2519	66 21.9 2431	59 15.4 2269	115 21.8 2279
15	88 25.9 2417	83 20.5 2524	68 4.7 2431	57 28.6 2281	113 35.4 2283
18	90 9.0 2426	85 1.2 2530	69 47.5 2434	55 42.2 2296	111 49.0 2289
21	91 52.0 2435	86 41.7 2537	71 30.3 2437	53 56.1 2311	110 2.7 2294
<b>26 UT</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Jupiter</b>	<b>–Denebola</b>
0	93 34.7 2446	88 22.0 2546	73 13.0 2442	106 21.3 2220	108 16.6 2302
3	95 17.2 2457	90 2.2 2557	74 55.6 2447	104 33.3 2230	106 30.7 2309
6	96 59.4 2470	91 42.1 2568	76 38.0 2454	102 45.6 2241	104 44.9 2318
9	98 41.3 2484	93 21.7 2580	78 20.3 2462	100 58.2 2251	102 59.4 2327
12	100 22.9 2499	95 1.1 2594	80 2.4 2471	99 11.0 2263	101 14.1 2337
15	102 4.2 2515	96 40.1 2608	81 44.3 2481	97 24.1 2275	99 29.0 2348
18	103 45.0 2532	98 18.8 2624	83 26.0 2492	95 37.5 2288	97 44.2 2360
21	105 25.5 2550	99 57.2 2642	85 7.4 2504	93 51.2 2301	95 59.7 2372
<b>27 UT</b>	<b>+Markab</b>	<b>+Aldebaran</b>	<b>–Jupiter</b>	<b>–Denebola</b>	<b>–Gienah</b>
0	86 48.5 2516	8 30.7 2287	92 5.3 2314	94 15.4 2385	110 13.5 2457
3	88 29.3 2530	10 17.0 2297	90 19.7 2329	92 31.5 2399	108 31.3 2468
6	90 9.8 2544	12 3.0 2310	88 34.4 2343	90 47.9 2413	106 49.4 2479
9	91 50.0 2559	13 48.8 2323	86 49.4 2357	89 4.7 2428	105 7.7 2490
12	93 29.9 2575	15 34.2 2337	85 4.8 2372	87 21.8 2443	103 26.2 2503
15	95 9.3 2592	17 19.3 2352	83 20.6 2388	85 39.2 2459	101 45.1 2516
18	96 48.4 2609	19 4.0 2367	81 36.8 2404	83 57.1 2475	100 4.3 2530
21	98 27.1 2628	20 48.4 2382	79 53.3 2419	82 15.3 2492	98 23.8 2545

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>28 UT</b>	<b>+Aldebaran</b>	<b>–Regulus</b>	<b>–Denebola</b>	<b>–Gienah</b>	<b>–Venus</b>
0	22 32.3 2398	57 35.6 2404	80 33.9 2509	96 43.6 2560	109 6.8 2774
3	24 16.0 2414	55 52.1 2421	78 52.9 2527	95 3.7 2575	107 31.8 2792
6	25 59.2 2431	54 9.1 2438	77 12.3 2545	93 24.3 2592	105 57.2 2810
9	27 42.0 2447	52 26.4 2455	75 32.1 2564	91 45.2 2608	104 22.9 2828
12	29 24.5 2464	50 44.1 2472	73 52.4 2583	90 6.5 2625	102 49.1 2847
15	31 6.5 2481	49 2.3 2490	72 13.1 2602	88 28.1 2642	101 15.7 2866
18	32 48.1 2498	47 20.8 2508	70 34.2 2622	86 50.2 2660	99 42.6 2885
21	34 29.4 2516	45 39.8 2526	68 55.8 2642	85 12.6 2678	98 10.0 2904
<b>29 UT</b>	<b>+Betelgeuse</b>	<b>–Regulus</b>	<b>–Denebola</b>	<b>–Gienah</b>	<b>–Venus</b>
0	20 23.6 3245	43 59.2 2544	67 17.9 2663	83 35.5 2697	96 37.8 2923
3	21 48.9 3165	42 19.0 2562	65 40.4 2683	81 58.8 2716	95 6.0 2942
6	23 15.7 3104	40 39.2 2580	64 3.4 2705	80 22.5 2735	93 34.6 2962
9	24 43.8 3058	38 59.9 2599	62 26.8 2726	78 46.6 2754	92 3.6 2981
12	26 12.8 3023	37 20.9 2617	60 50.7 2748	77 11.1 2773	90 33.0 2999
15	27 42.5 2996	35 42.4 2636	59 15.2 2771	75 36.1 2794	89 2.7 3020
18	29 12.8 2977	34 4.3 2655	57 40.1 2794	74 1.5 2814	87 32.9 3038
21	30 43.5 2962	32 26.6 2673	56 5.5 2816	72 27.3 2834	86 3.5 3057
<b>30 UT</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>–Regulus</b>	<b>–Denebola</b>	<b>–Venus</b>
0	37 59.4 2860	32 14.5 2953	30 49.4 2692	54 31.4 2840	84 34.5 3076
3	39 32.5 2864	33 45.7 2947	29 12.5 2711	52 57.8 2864	83 5.8 3094
6	41 5.6 2870	35 17.0 2944	27 36.1 2730	51 24.7 2889	81 37.6 3113
9	42 38.5 2877	36 48.4 2943	26 0.2 2750	49 52.2 2915	80 9.7 3131
12	44 11.3 2884	38 19.7 2944	24 24.6 2770	48 20.2 2941	78 42.2 3149
15	45 44.0 2893	39 51.1 2947	22 49.5 2792	46 48.8 2968	77 15.0 3167
18	47 16.4 2901	41 22.4 2950	21 14.9 2813	45 17.9 2996	75 48.2 3184
21	48 48.7 2911	42 53.7 2956	19 40.7 2837	43 47.6 3026	74 21.7 3202