

## DECEMBER 2015

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>–Spica</b>	<b>–Venus</b>	<b>–Sun</b>
0	50 20.8 2920	44 24.8 2961	71 34.8 2813	72 55.6 3218	116 0.3 3183
3	51 52.7 2931	45 55.8 2969	70 0.6 2829	71 29.9 3236	114 33.8 3199
6	53 24.3 2940	47 26.7 2975	68 26.8 2843	70 4.4 3252	113 7.6 3214
9	54 55.8 2951	48 57.4 2983	66 53.2 2858	68 39.3 3268	111 41.8 3230
12	56 27.0 2961	50 28.0 2991	65 20.1 2873	67 14.5 3283	110 16.2 3245
15	57 58.0 2971	51 58.4 2999	63 47.2 2886	65 50.0 3298	108 51.0 3260
18	59 28.8 2982	53 28.6 3007	62 14.6 2901	64 25.7 3314	107 26.0 3274
21	60 59.4 2991	54 58.6 3015	60 42.3 2914	63 1.8 3327	106 1.3 3288
<b>2 UT</b>	<b>+Betelgeuse</b>	<b>+Procyon</b>	<b>–Spica</b>	<b>–Venus</b>	<b>–Sun</b>
0	56 28.5 3024	31 17.9 3243	59 10.3 2927	61 38.2 3341	104 36.9 3302
3	57 58.2 3033	32 43.2 3229	57 38.5 2940	60 14.8 3356	103 12.8 3315
6	59 27.8 3040	34 8.7 3217	56 7.1 2952	58 51.7 3368	101 48.9 3327
9	60 57.1 3049	35 34.5 3208	54 35.8 2964	57 28.8 3381	100 25.2 3340
12	62 26.3 3057	37 0.5 3201	53 4.9 2975	56 6.2 3393	99 1.8 3351
15	63 55.3 3064	38 26.6 3195	51 34.2 2987	54 43.8 3404	97 38.6 3362
18	65 24.2 3072	39 52.9 3192	50 3.7 2998	53 21.6 3416	96 15.6 3374
21	66 52.9 3080	41 19.2 3189	48 33.4 3008	51 59.6 3427	94 52.8 3384
<b>3 UT</b>	<b>+Procyon</b>	<b>–Mars</b>	<b>–Spica</b>	<b>–Venus</b>	<b>–Sun</b>
0	42 45.5 3186	35 7.5 3211	47 3.4 3018	50 37.9 3437	93 30.3 3394
3	44 12.0 3185	33 41.6 3220	45 33.6 3028	49 16.3 3446	92 7.9 3403
6	45 38.4 3184	32 15.8 3229	44 4.0 3038	47 54.9 3456	90 45.7 3413
9	47 4.9 3183	30 50.3 3237	42 34.5 3046	46 33.6 3464	89 23.7 3420
12	48 31.3 3183	29 24.9 3244	41 5.3 3055	45 12.6 3472	88 1.8 3428
15	49 57.8 3183	27 59.6 3251	39 36.2 3064	43 51.7 3480	86 40.0 3436
18	51 24.3 3183	26 34.5 3258	38 7.3 3072	42 30.9 3486	85 18.5 3442
21	52 50.8 3183	25 9.4 3264	36 38.6 3080	41 10.2 3493	83 57.0 3449
<b>4 UT</b>	<b>+Procyon</b>	<b>+Regulus</b>	<b>–Spica</b>	<b>–Venus</b>	<b>–Sun</b>
0	54 17.3 3183	18 53.5 3098	35 10.1 3088	39 49.7 3498	82 35.7 3455
3	55 43.7 3184	20 21.7 3097	33 41.7 3096	38 29.3 3505	81 14.4 3460
6	57 10.2 3183	21 50.0 3095	32 13.5 3104	37 9.0 3509	79 53.3 3465
9	58 36.7 3184	23 18.2 3096	30 45.4 3112	35 48.8 3514	78 32.2 3469
12	60 3.1 3183	24 46.4 3095	29 17.5 3120	34 28.6 3517	77 11.3 3473
15	61 29.6 3183	26 14.7 3095	27 49.7 3128	33 8.6 3520	75 50.4 3477
18	62 56.1 3182	27 42.9 3095	26 22.1 3137	31 48.5 3523	74 29.6 3480
21	64 22.6 3181	29 11.2 3094	24 54.7 3146	30 28.6 3525	73 8.8 3481
<b>5 UT</b>	<b>+Regulus</b>	<b>+Jupiter</b>	<b>–Spica</b>	<b>–Venus</b>	<b>–Sun</b>
0	30 39.4 3094	9 18.6 3176	23 27.5 3157	29 8.6 3527	71 48.1 3483
3	32 7.7 3093	10 45.2 3162	22 0.5 3169	27 48.8 3529	70 27.4 3485
6	33 36.0 3092	12 12.1 3151	20 33.7 3183	26 28.9 3529	69 6.7 3486
9	35 4.3 3092	13 39.2 3145	19 7.3 3200	25 9.0 3529	67 46.0 3486
12	36 32.6 3090	15 6.5 3138	17 41.1 3221	23 49.2 3529	66 25.4 3485
15	38 1.0 3088	16 33.9 3132	16 15.4 3249	22 29.3 3529	65 4.7 3486
18	39 29.4 3086	18 1.4 3128	14 50.2 3286	21 9.4 3528	63 44.0 3485
21	40 57.8 3083	19 29.0 3123	13 25.8 3335	19 49.6 3525	62 23.4 3483

## DECEMBER 2015

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<b>6 UT</b>	<b>+Regulus</b>	<b>+Denebola</b>	<b>+Jupiter</b>	<b>–Venus</b>	<b>–Sun</b>
0	42 26.3 3080	23 14.3 3839	20 56.6 3119	18 29.6 3523	61 2.7 3481
3	43 54.9 3077	24 28.7 3753	22 24.4 3115	17 9.7 3522	59 41.9 3479
6	45 23.5 3073	25 44.5 3680	23 52.2 3110	15 49.7 3518	58 21.1 3476
9	46 52.2 3069	27 1.7 3616	25 20.2 3106	14 29.6 3516	57 0.3 3473
12	48 20.9 3065	28 19.9 3561	26 48.2 3100	13 9.5 3512	55 39.4 3470
15	49 49.8 3061	29 39.2 3513	28 16.4 3095	11 49.4 3510	54 18.4 3466
18	51 18.8 3056	30 59.4 3470	29 44.6 3090	10 29.1 3506	52 57.4 3462
21	52 47.8 3050	32 20.3 3432	31 13.0 3084	9 8.9 3504	51 36.3 3458
<b>7 UT</b>	<b>+Regulus</b>	<b>+Jupiter</b>	<b>+Gienah</b>	<b>+Mars</b>	<b>–Sun</b>
0	54 17.0 3045	32 41.5 3078	21 21.4 4631	10 3.4 3254	50 15.1 3453
3	55 46.2 3039	34 10.0 3072	22 23.4 4432	11 28.5 3248	48 53.9 3448
6	57 15.6 3033	35 38.8 3065	23 28.2 4266	12 53.7 3242	47 32.5 3443
9	58 45.2 3026	37 7.6 3059	24 35.6 4125	14 19.0 3236	46 11.0 3438
12	60 14.8 3019	38 36.6 3051	25 45.2 4003	15 44.4 3228	44 49.5 3432
15	61 44.6 3012	40 5.8 3044	26 56.8 3899	17 10.0 3221	43 27.8 3427
18	63 14.6 3005	41 35.1 3037	28 10.2 3808	18 35.8 3213	42 6.0 3420
21	64 44.7 2998	43 4.5 3029	29 25.1 3728	20 1.6 3206	40 44.2 3415
<b>8 UT</b>	<b>+Regulus</b>	<b>+Jupiter</b>	<b>+Mars</b>	<b>+Spica</b>	<b>–Sun</b>
0	66 14.9 2990	44 34.1 3021	21 27.7 3198	13 16.9 3200	39 22.2 3409
3	67 45.4 2981	46 3.9 3012	22 53.9 3188	14 43.0 3152	38 0.1 3402
6	69 16.0 2974	47 33.8 3004	24 20.2 3181	16 10.1 3115	36 37.8 3397
9	70 46.7 2965	49 3.9 2995	25 46.8 3172	17 38.0 3084	35 15.5 3391
12	72 17.7 2956	50 34.2 2986	27 13.5 3163	19 6.5 3058	33 53.1 3386
15	73 48.8 2948	52 4.7 2977	28 40.3 3153	20 35.5 3035	32 30.5 3381
18	75 20.1 2938	53 35.4 2968	30 7.4 3144	22 4.9 3014	31 7.9 3375
21	76 51.6 2929	55 6.3 2959	31 34.7 3134	23 34.8 2996	29 45.2 3372
<b>9 UT</b>	<b>+Jupiter</b>	<b>+Mars</b>	<b>+Spica</b>	<b>+Venus</b>	<b>–Sun</b>
0	56 37.3 2949	33 2.1 3125	25 5.1 2979	14 1.4 3357	28 22.4 3368
3	58 8.6 2940	34 29.8 3115	26 35.8 2963	15 24.5 3346	26 59.5 3366
6	59 40.1 2929	35 57.6 3105	28 6.7 2948	16 47.7 3334	25 36.6 3364
9	61 11.7 2920	37 25.7 3095	29 38.0 2934	18 11.3 3324	24 13.6 3365
12	62 43.6 2910	38 53.9 3084	31 9.6 2920	19 35.0 3313	22 50.7 3367
15	64 15.7 2900	40 22.4 3075	32 41.5 2907	20 58.9 3302	21 27.8 3373
18	65 48.0 2890	41 51.1 3064	34 13.7 2894	22 23.1 3291	20 5.0 3381
21	67 20.5 2879	43 20.0 3053	35 46.1 2881	23 47.4 3280	18 42.4 3394
<b>12 UT</b>	<b>+Sun</b>	<b>–Al na'ir</b>	<b>–Enif</b>	<b>–Fomalhaut</b>	<b>–Markab</b>
0	8 21.5 3834	60 30.3 4031	65 42.2 3008	71 19.3 3087	85 52.7 2923
3	9 36.0 3610	59 19.2 4068	64 12.1 3008	69 50.9 3086	84 20.8 2915
6	10 54.4 3460	58 8.6 4110	62 42.1 3009	68 22.4 3086	82 48.9 2908
9	12 15.5 3353	56 58.8 4156	61 12.1 3010	66 54.0 3086	81 16.7 2900
12	13 38.7 3275	55 49.6 4208	59 42.1 3014	65 25.6 3089	79 44.4 2894
15	15 3.3 3215	54 41.3 4264	58 12.2 3018	63 57.2 3092	78 12.0 2888
18	16 29.2 3168	53 33.9 4328	56 42.3 3024	62 28.9 3098	76 39.4 2883
21	17 56.0 3128	52 27.5 4397	55 12.6 3031	61 0.7 3104	75 6.7 2877

## DECEMBER 2015

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<b>13 UT</b>	<b>+Sun</b>	<b>–Al na'ir</b>	<b>–Fomalhaut</b>	<b>–Markab</b>	<b>–Diphda</b>
0	19 23.6 3096	51 22.1 4475	59 32.6 3112	73 34.0 2873	85 34.6 2881
3	20 51.8 3068	50 17.9 4561	58 4.7 3122	72 1.1 2870	84 1.9 2874
6	22 20.6 3044	49 14.9 4656	56 37.0 3134	70 28.1 2867	82 29.0 2868
9	23 49.9 3023	48 13.3 4761	55 9.5 3148	68 55.1 2865	80 56.0 2862
12	25 19.6 3004	47 13.2 4879	53 42.4 3164	67 22.1 2864	79 22.9 2857
15	26 49.8 2986	46 14.6 5009	52 15.5 3184	65 49.0 2864	77 49.7 2852
18	28 20.2 2970	45 17.8 5154	50 49.0 3205	64 15.9 2864	76 16.4 2848
21	29 51.1 2955	44 22.9 5316	49 23.0 3231	62 42.9 2866	74 43.0 2845
<b>14 UT</b>	<b>+Sun</b>	<b>–Fomalhaut</b>	<b>–Markab</b>	<b>–Diphda</b>	<b>–Hamal</b>
0	31 22.2 2942	47 57.5 3261	61 9.8 2869	73 9.5 2843	104 4.3 2662
3	32 53.6 2928	46 32.5 3293	59 36.9 2872	71 36.0 2840	102 26.8 2652
6	34 25.3 2917	45 8.2 3333	58 4.0 2878	70 2.4 2840	100 49.1 2644
9	35 57.3 2904	43 44.6 3376	56 31.2 2884	68 28.8 2839	99 11.1 2635
12	37 29.5 2894	42 21.9 3426	54 58.6 2893	66 55.2 2841	97 33.0 2627
15	39 2.0 2883	41 0.1 3484	53 26.1 2903	65 21.6 2842	95 54.7 2619
18	40 34.6 2873	39 39.4 3550	51 53.9 2915	63 48.1 2846	94 16.3 2612
21	42 7.5 2863	38 20.0 3625	50 21.9 2929	62 14.6 2849	92 37.6 2604
<b>15 UT</b>	<b>+Sun</b>	<b>–Diphda</b>	<b>–Hamal</b>	<b>–Menkar</b>	<b>–Aldebaran</b>
0	43 40.6 2853	60 41.2 2854	90 58.8 2597	98 58.0 2532	123 59.3 2480
3	45 13.9 2844	59 7.9 2861	89 19.8 2590	97 17.6 2525	122 17.6 2473
6	46 47.4 2836	57 34.8 2869	87 40.7 2584	95 37.0 2518	120 35.8 2466
9	48 21.1 2827	56 1.9 2879	86 1.4 2578	93 56.2 2511	118 53.8 2460
12	49 54.9 2818	54 29.1 2891	84 22.0 2572	92 15.2 2505	117 11.6 2453
15	51 29.0 2811	52 56.6 2905	82 42.5 2566	90 34.1 2498	115 29.3 2447
18	53 3.2 2802	51 24.4 2920	81 2.8 2561	88 52.9 2492	113 46.9 2440
21	54 37.6 2795	49 52.5 2939	79 23.0 2556	87 11.5 2486	112 4.2 2434
<b>16 UT</b>	<b>+Sun</b>	<b>–Diphda</b>	<b>–Hamal</b>	<b>–Menkar</b>	<b>–Aldebaran</b>
0	56 12.2 2787	48 21.0 2960	77 43.1 2552	85 29.9 2480	110 21.5 2428
3	57 46.9 2780	46 50.0 2985	76 3.1 2547	83 48.2 2474	108 38.6 2422
6	59 21.8 2772	45 19.5 3014	74 22.9 2543	82 6.4 2468	106 55.5 2416
9	60 56.9 2765	43 49.6 3046	72 42.7 2540	80 24.5 2463	105 12.3 2410
12	62 32.1 2759	42 20.3 3084	71 2.5 2537	78 42.4 2457	103 29.0 2404
15	64 7.4 2752	40 51.9 3127	69 22.1 2534	77 0.2 2452	101 45.5 2398
18	65 42.9 2744	39 24.3 3177	67 41.7 2531	75 17.8 2447	100 1.9 2392
21	67 18.6 2738	37 57.7 3235	66 1.2 2530	73 35.4 2443	98 18.1 2386
<b>17 UT</b>	<b>+Sun</b>	<b>–Rigel</b>	<b>–Bellatrix</b>	<b>–Elnath</b>	<b>–Betelgeuse</b>
0	68 54.4 2732	102 31.1 2872	107 22.8 2481	108 54.5 2460	114 54.5 2477
3	70 30.4 2725	100 58.2 2861	105 41.2 2474	107 12.4 2453	113 12.8 2469
6	72 6.5 2719	99 25.0 2850	103 59.4 2467	105 30.1 2446	111 30.8 2461
9	73 42.7 2713	97 51.6 2841	102 17.4 2460	103 47.6 2440	109 48.7 2454
12	75 19.1 2707	96 18.1 2832	100 35.3 2454	102 5.0 2433	108 6.4 2447
15	76 55.6 2701	94 44.3 2824	98 53.0 2447	100 22.2 2427	106 23.9 2439
18	78 32.2 2695	93 10.4 2817	97 10.5 2441	98 39.3 2421	104 41.3 2433
21	80 9.0 2688	91 36.3 2811	95 27.9 2435	96 56.2 2415	102 58.5 2426

## DECEMBER 2015

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<b>18 UT</b>	<b>+Sun</b>	<b>+Enif</b>	<b>–Aldebaran</b>	<b>–Alnilam</b>	<b>–Betelgeuse</b>
0	81 45.9 2683	26 3.4 4225	82 38.3 2337	95 58.0 2595	101 15.6 2420
3	83 23.0 2677	27 11.5 4002	80 53.2 2332	94 19.0 2589	99 32.5 2414
6	85 0.1 2672	28 23.1 3814	79 8.0 2327	92 39.8 2583	97 49.3 2408
9	86 37.4 2666	29 37.9 3655	77 22.7 2322	91 0.5 2578	96 5.9 2403
12	88 14.8 2661	30 55.5 3518	75 37.2 2317	89 21.1 2573	94 22.4 2398
15	89 52.3 2656	32 15.5 3400	73 51.7 2312	87 41.6 2569	92 38.8 2393
18	91 30.0 2651	33 37.8 3298	72 6.0 2308	86 2.0 2565	90 55.0 2388
21	93 7.7 2646	35 2.0 3210	70 20.2 2303	84 22.3 2562	89 11.2 2383
<b>19 UT</b>	<b>+Sun</b>	<b>+Enif</b>	<b>–Aldebaran</b>	<b>–Pollux</b>	<b>–Procyon</b>
0	94 45.6 2641	36 28.0 3133	68 34.3 2299	111 50.3 2394	113 21.6 2404
3	96 23.6 2637	37 55.4 3064	66 48.3 2294	110 6.6 2387	111 38.2 2397
6	98 1.6 2633	39 24.3 3004	65 2.2 2290	108 22.7 2381	109 54.5 2391
9	99 39.8 2628	40 54.4 2950	63 16.0 2286	106 38.7 2375	108 10.7 2385
12	101 18.1 2623	42 25.7 2902	61 29.6 2282	104 54.5 2370	106 26.8 2379
15	102 56.4 2620	43 57.9 2860	59 43.2 2278	103 10.2 2365	104 42.7 2373
18	104 34.9 2616	45 31.1 2822	57 56.7 2274	101 25.8 2360	102 58.5 2368
21	106 13.5 2612	47 5.1 2787	56 10.1 2271	99 41.3 2355	101 14.2 2363
<b>20 UT</b>	<b>+Sun</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>–Aldebaran</b>	<b>–Pollux</b>
0	107 52.1 2609	48 39.8 2756	44 54.8 3034	54 23.4 2267	97 56.6 2351
3	109 30.8 2606	50 15.2 2728	46 24.3 2987	52 36.6 2264	96 11.9 2348
6	111 9.6 2603	51 51.2 2703	47 54.8 2944	50 49.7 2261	94 27.1 2344
9	112 48.4 2600	53 27.8 2680	49 26.1 2906	49 2.8 2258	92 42.1 2341
12	114 27.3 2598	55 4.9 2660	50 58.3 2871	47 15.8 2255	90 57.2 2338
15	116 6.3 2596	56 42.5 2641	52 31.3 2840	45 28.7 2253	89 12.1 2336
18	117 45.2 2594	58 20.5 2624	54 4.8 2811	43 41.6 2251	87 27.0 2333
21	119 24.3 2592	59 58.8 2609	55 39.1 2785	41 54.4 2248	85 41.8 2331
<b>21 UT</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Aldebaran</b>	<b>–Regulus</b>
0	61 37.5 2595	57 13.8 2763	41 53.8 2823	40 7.2 2247	120 9.8 2253
3	63 16.5 2583	58 49.1 2742	43 27.7 2785	38 19.9 2246	118 22.7 2251
6	64 55.8 2572	60 24.8 2723	45 2.5 2751	36 32.6 2244	116 35.5 2249
9	66 35.4 2562	62 0.9 2707	46 38.1 2720	34 45.2 2243	114 48.3 2248
12	68 15.2 2554	63 37.5 2692	48 14.3 2694	32 57.9 2243	113 1.0 2248
15	69 55.1 2546	65 14.3 2678	49 51.0 2670	31 10.5 2242	111 13.8 2247
18	71 35.3 2540	66 51.4 2667	51 28.4 2650	29 23.1 2243	109 26.5 2247
21	73 15.5 2535	68 28.8 2657	53 6.1 2631	27 35.7 2243	107 39.2 2247
<b>22 UT</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Aldebaran</b>	<b>–Regulus</b>
0	74 55.9 2530	70 6.4 2648	54 44.3 2615	25 48.3 2244	105 51.9 2247
3	76 36.4 2527	71 44.3 2640	56 22.9 2600	24 1.0 2245	104 4.7 2248
6	78 17.0 2525	73 22.3 2634	58 1.8 2588	22 13.6 2247	102 17.4 2250
9	79 57.7 2524	75 0.4 2630	59 41.0 2578	20 26.4 2249	100 30.2 2251
12	81 38.3 2523	76 38.6 2626	61 20.4 2568	18 39.1 2251	98 43.0 2253
15	83 19.0 2524	78 17.0 2623	63 0.0 2561	16 51.9 2254	96 55.9 2256
18	84 59.7 2524	79 55.3 2621	64 39.8 2554	15 4.8 2258	95 8.8 2258
21	86 40.3 2527	81 33.7 2621	66 19.8 2550	13 17.8 2262	93 21.8 2261

## DECEMBER 2015

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<b>23 UT</b>	<b>+Enif</b>	<b>+Fomalhaut</b>	<b>+Markab</b>	<b>–Denebola</b>	<b>–Jupiter</b>
0	88 20.9 2530	83 12.2 2622	67 59.8 2546	113 43.7 2385	114 20.1 2277
3	90 1.4 2534	84 50.6 2624	69 40.0 2543	111 59.7 2386	112 33.6 2281
6	91 41.8 2539	86 28.9 2627	71 20.2 2542	110 15.8 2387	110 47.1 2285
9	93 22.1 2545	88 7.2 2631	73 0.4 2542	108 31.9 2390	109 0.8 2290
12	95 2.3 2551	89 45.4 2635	74 40.6 2542	106 48.1 2392	107 14.6 2294
15	96 42.3 2559	91 23.5 2642	76 20.9 2544	105 4.4 2396	105 28.4 2300
18	98 22.2 2567	93 1.5 2648	78 1.1 2546	103 20.7 2400	103 42.5 2306
21	100 1.8 2576	94 39.3 2656	79 41.2 2549	101 37.1 2404	101 56.6 2311
<b>24 UT</b>	<b>+Markab</b>	<b>+Aldebaran</b>	<b>–Regulus</b>	<b>–Denebola</b>	<b>–Jupiter</b>
0	81 21.3 2554	2 47.2 2376	77 23.3 2307	99 53.7 2410	100 10.9 2318
3	83 1.2 2560	4 31.4 2342	75 37.5 2314	98 10.4 2417	98 25.4 2326
6	84 41.1 2565	6 16.3 2335	73 51.9 2321	96 27.2 2423	96 40.0 2332
9	86 20.8 2573	8 1.5 2337	72 6.4 2330	94 44.2 2431	94 54.8 2341
12	88 0.3 2580	9 46.6 2341	70 21.2 2338	93 1.3 2438	93 9.8 2348
15	89 39.7 2589	11 31.5 2347	68 36.1 2347	91 18.7 2446	91 25.0 2357
18	91 18.8 2598	13 16.4 2355	66 51.3 2356	89 36.2 2456	89 40.4 2366
21	92 57.8 2608	15 1.0 2364	65 6.7 2366	87 54.0 2465	87 56.1 2375
<b>25 UT</b>	<b>+Aldebaran</b>	<b>–Jupiter</b>	<b>–Denebola</b>	<b>–Gienah</b>	<b>–Spica</b>
0	16 45.4 2373	86 11.9 2385	86 11.9 2475	102 18.7 2543	116 53.4 2386
3	18 29.7 2382	84 28.0 2395	84 30.1 2486	100 38.5 2552	115 9.5 2395
6	20 13.7 2392	82 44.3 2405	82 48.6 2497	98 58.4 2560	113 25.8 2405
9	21 57.4 2403	81 0.9 2416	81 7.3 2509	97 18.6 2570	111 42.4 2416
12	23 40.9 2414	79 17.7 2427	79 26.4 2521	95 39.0 2580	109 59.2 2427
15	25 24.2 2425	77 34.7 2438	77 45.6 2534	93 59.7 2591	108 16.3 2438
18	27 7.1 2437	75 52.1 2450	76 5.2 2548	92 20.5 2603	106 33.6 2449
21	28 49.8 2448	74 9.7 2462	74 25.1 2562	90 41.7 2614	104 51.2 2461
<b>26 UT</b>	<b>–Regulus</b>	<b>–Jupiter</b>	<b>–Denebola</b>	<b>–Gienah</b>	<b>–Spica</b>
0	49 36.4 2468	72 27.6 2474	72 45.3 2576	89 3.1 2627	103 9.1 2473
3	47 54.4 2480	70 45.8 2487	71 5.9 2591	87 24.8 2640	101 27.2 2486
6	46 12.8 2494	69 4.3 2500	69 26.7 2607	85 46.8 2654	99 45.7 2499
9	44 31.4 2507	67 23.1 2513	67 48.0 2622	84 9.1 2667	98 4.5 2511
12	42 50.4 2522	65 42.2 2526	66 9.6 2639	82 31.7 2682	96 23.5 2525
15	41 9.7 2535	64 1.6 2539	64 31.6 2655	80 54.7 2697	94 42.9 2538
18	39 29.3 2550	62 21.3 2553	62 53.9 2673	79 18.0 2713	93 2.5 2552
21	37 49.2 2564	60 41.3 2567	61 16.7 2691	77 41.6 2729	91 22.5 2565
<b>27 UT</b>	<b>–Regulus</b>	<b>–Jupiter</b>	<b>–Denebola</b>	<b>–Gienah</b>	<b>–Spica</b>
0	36 9.5 2580	59 1.6 2581	59 39.8 2710	76 5.6 2746	89 42.8 2580
3	34 30.1 2595	57 22.3 2595	58 3.4 2729	74 29.9 2762	88 3.5 2593
6	32 51.1 2610	55 43.3 2609	56 27.4 2750	72 54.7 2780	86 24.4 2608
9	31 12.4 2627	54 4.5 2624	54 51.8 2770	71 19.8 2798	84 45.7 2622
12	29 34.1 2642	52 26.2 2638	53 16.7 2791	69 45.3 2816	83 7.3 2637
15	27 56.2 2659	50 48.1 2652	51 42.1 2814	68 11.2 2836	81 29.2 2651
18	26 18.6 2676	49 10.4 2667	50 7.9 2837	66 37.5 2855	79 51.5 2666
21	24 41.4 2694	47 33.0 2681	48 34.3 2860	65 4.2 2875	78 14.0 2680

## DECEMBER 2015

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>28 UT</b>	<b>+Elnath</b>	<b>+Betelgeuse</b>	<b>–Regulus</b>	<b>–Jupiter</b>	<b>–Spica</b>
0	45 24.9 2822	39 38.9 2878	23 4.7 2712	45 55.9 2696	76 36.9 2695
3	46 58.8 2829	41 11.7 2880	21 28.3 2732	44 19.2 2710	75 0.2 2710
6	48 32.7 2837	42 44.4 2884	19 52.3 2752	42 42.7 2724	73 23.8 2724
9	50 6.3 2846	44 17.0 2889	18 16.8 2774	41 6.6 2739	71 47.6 2739
12	51 39.8 2855	45 49.6 2894	16 41.8 2799	39 30.8 2754	70 11.9 2754
15	53 13.1 2864	47 22.0 2900	15 7.3 2827	37 55.4 2768	68 36.4 2768
18	54 46.1 2874	48 54.3 2908	13 33.4 2860	36 20.2 2782	67 1.3 2783
21	56 19.0 2884	50 26.5 2915	12 0.3 2901	34 45.4 2796	65 26.4 2797
<b>29 UT</b>	<b>+Betelgeuse</b>	<b>+Pollux</b>	<b>+Procyon</b>	<b>–Spica</b>	<b>–Venus</b>
0	51 58.4 2923	28 18.8 3167	27 7.7 3248	63 51.9 2812	98 22.6 3236
3	53 30.3 2932	29 45.6 3147	28 32.8 3218	62 17.7 2826	96 57.1 3251
6	55 1.9 2941	31 12.8 3131	29 58.6 3194	60 43.8 2840	95 32.0 3267
9	56 33.3 2950	32 40.4 3119	31 24.9 3176	59 10.2 2854	94 7.2 3281
12	58 4.6 2959	34 8.1 3111	32 51.5 3161	57 36.9 2868	92 42.6 3296
15	59 35.6 2968	35 36.1 3104	34 18.4 3150	56 4.0 2881	91 18.4 3310
18	61 6.5 2978	37 4.1 3100	35 45.6 3142	54 31.2 2895	89 54.4 3325
21	62 37.2 2987	38 32.3 3097	37 12.9 3135	52 58.8 2907	88 30.7 3338
<b>30 UT</b>	<b>+Pollux</b>	<b>+Procyon</b>	<b>–Spica</b>	<b>–Venus</b>	<b>–Sun</b>
0	40 0.5 3096	38 40.3 3131	51 26.7 2921	87 7.2 3351	125 20.2 3299
3	41 28.7 3097	40 7.9 3129	49 54.8 2934	85 44.0 3365	123 56.0 3311
6	42 56.9 3097	41 35.4 3127	48 23.2 2946	84 21.1 3377	122 32.0 3322
9	44 25.1 3099	43 3.0 3126	46 51.9 2958	82 58.4 3390	121 8.3 3333
12	45 53.3 3102	44 30.7 3127	45 20.8 2971	81 35.9 3403	119 44.7 3345
15	47 21.4 3104	45 58.3 3128	43 50.0 2982	80 13.7 3414	118 21.4 3356
18	48 49.5 3108	47 25.8 3130	42 19.4 2994	78 51.7 3425	116 58.3 3366
21	50 17.5 3111	48 53.4 3132	40 49.1 3006	77 29.9 3436	115 35.4 3376
<b>31 UT</b>	<b>+Procyon</b>	<b>–Spica</b>	<b>–Mars</b>	<b>–Venus</b>	<b>–Sun</b>
0	50 20.9 3134	39 19.0 3018	43 18.8 3190	76 8.3 3447	114 12.7 3386
3	51 48.4 3137	37 49.2 3028	41 52.4 3199	74 46.9 3456	112 50.1 3395
6	53 15.8 3140	36 19.6 3040	40 26.3 3208	73 25.7 3466	111 27.8 3404
9	54 43.1 3143	34 50.2 3051	39 0.3 3217	72 4.7 3475	110 5.6 3412
12	56 10.4 3145	33 21.0 3062	37 34.5 3224	70 43.9 3483	108 43.6 3420
15	57 37.6 3148	31 52.1 3073	36 8.8 3232	69 23.2 3492	107 21.7 3427
18	59 4.8 3151	30 23.4 3085	34 43.3 3240	68 2.6 3500	105 59.9 3435
21	60 31.9 3154	28 54.9 3097	33 17.9 3246	66 42.2 3507	104 38.3 3441