

OCTOBER 2012

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Enif	–Aldebaran	–Jupiter	–Elnath	–Betelgeuse
0	48 24.8 3249	52 33.9 2917	58 24.1 2902	64 30.8 2946	72 36.1 3028
3	49 49.9 3242	51 1.9 2926	56 51.9 2911	62 59.5 2955	71 6.5 3039
6	51 15.3 3235	49 30.2 2935	55 19.8 2919	61 28.4 2964	69 37.1 3050
9	52 40.7 3231	47 58.6 2945	53 47.9 2927	59 57.4 2974	68 7.9 3060
12	54 6.2 3227	46 27.3 2954	52 16.2 2934	58 26.7 2984	66 38.9 3072
15	55 31.9 3224	44 56.1 2963	50 44.6 2942	56 56.1 2994	65 10.2 3083
18	56 57.5 3222	43 25.1 2972	49 13.2 2950	55 25.8 3004	63 41.7 3095
21	58 23.2 3220	41 54.4 2982	47 41.9 2958	53 55.7 3014	62 13.4 3107
2 UT	+Enif	–Aldebaran	–Jupiter	–Betelgeuse	–Venus
0	59 49.0 3220	40 23.8 2991	46 10.8 2965	60 45.4 3119	118 10.7 3423
3	61 14.7 3220	38 53.4 3000	44 39.9 2972	59 17.7 3131	116 48.9 3431
6	62 40.5 3221	37 23.2 3010	43 9.1 2980	57 50.1 3144	115 27.2 3438
9	64 6.2 3221	35 53.2 3020	41 38.5 2987	56 22.9 3157	114 5.6 3447
12	65 31.9 3223	34 23.4 3029	40 8.0 2993	54 55.9 3170	112 44.2 3453
15	66 57.6 3224	32 53.8 3039	38 37.7 3000	53 29.1 3184	111 23.0 3461
18	68 23.3 3226	31 24.4 3050	37 7.5 3007	52 2.7 3198	110 1.8 3468
21	69 48.9 3228	29 55.3 3060	35 37.4 3013	50 36.5 3213	108 40.9 3475
3 UT	+Markab	–Aldebaran	–Jupiter	–Procyon	–Venus
0	50 54.6 3258	28 26.3 3072	34 7.5 3018	74 40.4 3112	107 20.0 3481
3	52 19.6 3255	26 57.6 3084	32 37.7 3025	73 12.5 3119	105 59.2 3488
6	53 44.6 3252	25 29.1 3097	31 8.0 3031	71 44.8 3127	104 38.6 3494
9	55 9.7 3249	24 0.9 3111	29 38.4 3036	70 17.2 3134	103 18.1 3500
12	56 34.9 3247	22 32.9 3126	28 8.9 3041	68 49.7 3141	101 57.7 3506
15	58 0.1 3245	21 5.3 3144	26 39.6 3045	67 22.4 3148	100 37.4 3511
18	59 25.4 3243	19 38.1 3164	25 10.3 3051	65 55.2 3156	99 17.3 3516
21	60 50.7 3242	18 11.2 3189	23 41.2 3055	64 28.2 3162	97 57.2 3521
4 UT	+Hamal	–Jupiter	–Pollux	–Procyon	–Venus
0	18 57.4 3493	22 12.1 3060	59 23.5 3166	63 1.3 3169	96 37.2 3526
3	20 17.9 3439	20 43.1 3063	57 56.7 3173	61 34.5 3176	95 17.2 3530
6	21 39.5 3396	19 14.2 3067	56 30.0 3180	60 7.9 3183	93 57.4 3533
9	23 1.8 3361	17 45.4 3071	55 3.4 3188	58 41.4 3190	92 37.6 3538
12	24 24.8 3331	16 16.7 3075	53 37.1 3195	57 15.1 3196	91 17.9 3540
15	25 48.4 3307	14 48.0 3079	52 10.8 3203	55 48.9 3203	89 58.3 3543
18	27 12.5 3286	13 19.4 3083	50 44.7 3210	54 22.8 3210	88 38.7 3545
21	28 36.9 3268	11 50.9 3087	49 18.8 3218	52 56.8 3218	87 19.1 3547
5 UT	+Hamal	–Pollux	–Procyon	–Alphard	–Venus
0	30 1.7 3253	47 53.0 3227	51 31.0 3225	81 46.9 3278	85 59.6 3550
3	31 26.8 3239	46 27.4 3235	50 5.4 3232	80 22.3 3281	84 40.1 3550
6	32 52.2 3226	45 1.9 3244	48 39.9 3239	78 57.7 3283	83 20.6 3551
9	34 17.8 3216	43 36.7 3254	47 14.5 3248	77 33.2 3286	82 1.2 3552
12	35 43.6 3206	42 11.6 3263	45 49.3 3256	76 8.7 3288	80 41.7 3551
15	37 9.7 3196	40 46.7 3274	44 24.3 3265	74 44.3 3290	79 22.3 3551
18	38 35.9 3187	39 22.0 3286	42 59.4 3275	73 19.9 3292	78 2.8 3550
21	40 2.3 3179	37 57.5 3299	41 34.7 3285	71 55.6 3295	76 43.3 3549

OCTOBER 2012

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
6 UT	+Hamal	+Aldebaran	–Procyon	–Venus	–Sun
0	41 28.8 3170	8 35.3 3597	40 10.3 3297	75 23.8 3547	115 20.5 3458
3	42 55.6 3163	9 53.9 3459	38 46.0 3309	74 4.3 3545	113 59.3 3455
6	44 22.5 3155	11 15.0 3366	37 22.0 3323	72 44.7 3542	112 38.1 3452
9	45 49.5 3147	12 38.0 3300	35 58.3 3339	71 25.1 3539	111 16.8 3447
12	47 16.7 3139	14 2.1 3251	34 34.8 3357	70 5.4 3535	109 55.4 3443
15	48 44.1 3131	15 27.3 3213	33 11.7 3377	68 45.7 3531	108 34.0 3438
18	50 11.6 3123	16 53.2 3183	31 49.0 3401	67 25.9 3526	107 12.4 3433
21	51 39.3 3114	18 19.6 3159	30 26.8 3428	66 5.9 3521	105 50.8 3427
7 UT	+Hamal	+Aldebaran	+Jupiter	–Venus	–Sun
0	53 7.1 3106	19 46.6 3137	13 23.8 3043	64 45.9 3516	104 29.0 3420
3	54 35.2 3097	21 14.0 3118	14 53.1 3035	63 25.8 3510	103 7.1 3414
6	56 3.4 3088	22 41.8 3101	16 22.6 3026	62 5.6 3503	101 45.1 3406
9	57 31.8 3079	24 9.9 3086	17 52.3 3019	60 45.3 3496	100 23.0 3398
12	59 0.3 3070	25 38.4 3071	19 22.1 3010	59 24.8 3489	99 0.7 3391
15	60 29.1 3060	27 7.1 3057	20 52.1 3001	58 4.2 3482	97 38.2 3381
18	61 58.1 3050	28 36.1 3043	22 22.2 2992	56 43.5 3473	96 15.6 3372
21	63 27.2 3039	30 5.4 3030	23 52.6 2983	55 22.6 3464	94 52.8 3362
8 UT	+Hamal	+Aldebaran	+Jupiter	–Venus	–Sun
0	64 56.6 3029	31 35.0 3017	25 23.2 2973	54 1.6 3455	93 29.8 3352
3	66 26.2 3018	33 4.9 3004	26 53.9 2963	52 40.3 3446	92 6.6 3341
6	67 56.1 3006	34 35.0 2990	28 24.9 2952	51 18.9 3436	90 43.2 3330
9	69 26.1 2994	36 5.4 2977	29 56.1 2941	49 57.3 3426	89 19.6 3318
12	70 56.5 2982	37 36.1 2964	31 27.6 2929	48 35.6 3415	87 55.8 3306
15	72 27.0 2970	39 7.0 2950	32 59.3 2917	47 13.6 3404	86 31.7 3293
18	73 57.9 2957	40 38.3 2936	34 31.2 2905	45 51.4 3394	85 7.4 3280
21	75 29.0 2944	42 9.8 2922	36 3.4 2892	44 29.0 3382	83 42.8 3266
9 UT	+Aldebaran	+Jupiter	+Elnath	–Venus	–Sun
0	43 41.7 2908	37 35.9 2879	32 31.2 3014	43 6.4 3371	82 18.0 3252
3	45 13.8 2893	39 8.6 2866	34 1.1 2991	41 43.6 3359	80 52.9 3238
6	46 46.2 2878	40 41.6 2852	35 31.5 2969	40 20.6 3347	79 27.5 3223
9	48 19.0 2864	42 15.0 2838	37 2.4 2947	38 57.3 3336	78 1.8 3208
12	49 52.1 2848	43 48.6 2823	38 33.7 2926	37 33.8 3324	76 35.8 3193
15	51 25.5 2833	45 22.6 2808	40 5.5 2905	36 10.1 3313	75 9.5 3176
18	52 59.3 2816	46 56.8 2793	41 37.7 2884	34 46.1 3301	73 42.9 3160
21	54 33.4 2800	48 31.4 2777	43 10.3 2864	33 22.0 3290	72 16.0 3143
10 UT	+Aldebaran	+Jupiter	+Elnath	–Venus	–Sun
0	56 7.8 2784	50 6.4 2762	44 43.4 2844	31 57.6 3279	70 48.7 3127
3	57 42.6 2767	51 41.7 2745	46 16.9 2824	30 33.0 3270	69 21.1 3109
6	59 17.8 2750	53 17.3 2728	47 50.8 2804	29 8.3 3261	67 53.1 3092
9	60 53.3 2733	54 53.4 2712	49 25.2 2784	27 43.3 3253	66 24.8 3074
12	62 29.2 2716	56 29.7 2695	51 0.0 2764	26 18.2 3247	64 56.1 3056
15	64 5.5 2698	58 6.5 2677	52 35.3 2744	24 53.0 3243	63 27.1 3037
18	65 42.2 2682	59 43.7 2661	54 10.9 2725	23 27.7 3242	61 57.6 3019
21	67 19.3 2663	61 21.2 2643	55 47.0 2705	22 2.4 3245	60 27.8 3000

OCTOBER 2012

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
11 UT	+Aldebaran	+Jupiter	+Betelgeuse	-Venus	-Sun
0	68 56.8 2645	62 59.1 2625	50 30.5 2826	20 37.1 3252	58 57.6 2981
3	70 34.6 2627	64 37.5 2607	52 4.4 2800	19 12.0 3266	57 27.0 2962
6	72 12.9 2609	66 16.2 2589	53 38.8 2775	17 47.2 3290	55 56.0 2943
9	73 51.6 2591	67 55.4 2571	55 13.8 2749	16 22.8 3325	54 24.6 2924
12	75 30.7 2573	69 34.9 2553	56 49.4 2725	14 59.1 3381	52 52.8 2905
15	77 10.3 2554	71 14.9 2534	58 25.5 2701	13 36.5 3463	51 20.6 2885
18	78 50.2 2536	72 55.3 2516	60 2.1 2678	12 15.4 3588	49 48.0 2866
21	80 30.6 2517	74 36.2 2498	61 39.3 2654	10 56.6 3780	48 15.0 2847
12 UT	+Jupiter	+Betelgeuse	+Pollux	+Procyon	-Sun
0	76 17.4 2480	63 16.9 2632	40 52.9 2674	37 31.9 2726	46 41.5 2828
3	77 59.1 2462	64 55.1 2610	42 30.1 2644	39 7.9 2691	45 7.7 2809
6	79 41.2 2443	66 33.8 2588	44 8.0 2616	40 44.8 2658	43 33.4 2790
9	81 23.8 2425	68 13.0 2567	45 46.6 2589	42 22.4 2627	41 58.8 2772
12	83 6.7 2407	69 52.6 2546	47 25.7 2562	44 0.7 2597	40 23.7 2753
15	84 50.1 2389	71 32.8 2526	49 5.5 2537	45 39.7 2569	38 48.2 2735
18	86 34.0 2372	73 13.4 2506	50 45.9 2513	47 19.3 2543	37 12.3 2718
21	88 18.2 2354	74 54.5 2486	52 26.8 2490	48 59.5 2517	35 36.1 2700
13 UT	+Jupiter	+Pollux	+Procyon	+Venus	-Sun
0	90 2.9 2337	54 8.2 2467	50 40.3 2492	7 37.7 4358	33 59.4 2683
3	91 48.0 2320	55 50.2 2445	52 21.7 2468	8 43.7 3836	32 22.4 2667
6	93 33.4 2303	57 32.7 2424	54 3.7 2446	9 58.1 3507	30 45.0 2651
9	95 19.3 2287	59 15.7 2404	55 46.2 2424	11 18.3 3289	29 7.2 2635
12	97 5.6 2271	60 59.2 2384	57 29.2 2403	12 42.7 3136	27 29.1 2622
15	98 52.3 2255	62 43.1 2365	59 12.6 2382	14 10.2 3022	25 50.7 2608
18	100 39.4 2240	64 27.5 2347	60 56.6 2363	15 39.9 2936	24 12.0 2596
21	102 26.9 2225	66 12.3 2330	62 41.1 2345	17 11.5 2868	22 33.0 2586
14 UT	+Jupiter	+Procyon	+Regulus	+Venus	-Sun
0	104 14.7 2210	64 26.0 2327	30 55.2 2296	18 44.4 2811	20 53.8 2577
3	106 2.9 2197	66 11.3 2310	32 41.3 2276	20 18.6 2766	19 14.3 2571
6	107 51.4 2182	67 57.0 2294	34 27.8 2256	21 53.8 2726	17 34.7 2567
9	109 40.3 2170	69 43.1 2279	36 14.9 2238	23 29.9 2692	15 55.1 2569
12	111 29.5 2157	71 29.6 2264	38 2.4 2220	25 6.8 2662	14 15.5 2578
15	113 19.0 2145	73 16.5 2250	39 50.4 2205	26 44.3 2635	12 36.1 2597
18	115 8.9 2134	75 3.7 2237	41 38.7 2190	28 22.4 2612	10 57.1 2635
21	116 59.0 2123	76 51.2 2225	43 27.4 2176	30 1.0 2591	9 19.0 2708
16 UT	+Sun	-Antares	-Sabik	-Kaus Aust.	-Nunki
0	7 16.9 2664	39 59.4 2119	49 2.6 2096	65 20.6 2232	72 31.9 2101
3	8 54.3 2561	38 8.9 2120	47 11.5 2094	63 32.9 2233	70 40.9 2098
6	10 34.1 2500	36 18.4 2122	45 20.3 2092	61 45.3 2236	68 49.9 2095
9	12 15.4 2461	34 28.0 2125	43 29.2 2092	59 57.7 2240	66 58.8 2093
12	13 57.5 2433	32 37.7 2131	41 38.0 2092	58 10.3 2245	65 7.7 2092
15	15 40.3 2415	30 47.5 2139	39 46.8 2095	56 23.0 2253	63 16.5 2092
18	17 23.5 2401	28 57.5 2149	37 55.7 2097	54 35.8 2261	61 25.3 2093
21	19 7.0 2392	27 7.8 2163	36 4.7 2102	52 48.9 2272	59 34.1 2094

OCTOBER 2012

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
17 UT	+Sun	–Sabik	–Kaus Aust.	–Nunki	–Altair
0	20 50.8 2385	34 13.7 2108	51 2.2 2284	57 43.0 2096	79 18.4 2477
3	22 34.7 2381	32 23.0 2116	49 15.9 2300	55 52.0 2100	77 36.7 2484
6	24 18.7 2378	30 32.4 2125	47 29.9 2317	54 1.0 2104	75 55.1 2493
9	26 2.8 2377	28 42.0 2137	45 44.3 2337	52 10.1 2109	74 13.7 2504
12	27 47.0 2377	26 52.0 2152	43 59.2 2360	50 19.4 2116	72 32.6 2516
15	29 31.1 2379	25 2.4 2170	42 14.7 2386	48 28.8 2123	70 51.8 2530
18	31 15.1 2381	23 13.2 2192	40 30.8 2416	46 38.4 2131	69 11.3 2546
21	32 59.2 2384	21 24.5 2220	38 47.6 2451	44 48.2 2141	67 31.1 2564
18 UT	+Sun	–Nunki	–Altair	–Enif	–Fomalhaut
0	34 43.1 2389	42 58.3 2152	65 51.4 2585	92 2.7 2266	94 8.1 2551
3	36 26.9 2394	41 8.6 2163	64 12.1 2606	90 15.9 2271	92 28.1 2555
6	38 10.6 2400	39 19.3 2177	62 33.4 2631	88 29.2 2278	90 48.1 2561
9	39 54.2 2406	37 30.2 2192	60 55.2 2658	86 42.7 2286	89 8.3 2569
12	41 37.6 2414	35 41.6 2209	59 17.6 2688	84 56.3 2295	87 28.7 2578
15	43 20.9 2422	33 53.4 2228	57 40.7 2721	83 10.2 2304	85 49.3 2589
18	45 3.9 2430	32 5.6 2249	56 4.5 2756	81 24.4 2315	84 10.2 2600
21	46 46.8 2439	30 18.4 2273	54 29.1 2795	79 38.7 2326	82 31.3 2613
19 UT	+Sun	–Nunki	–Enif	–Fomalhaut	–Markab
0	48 29.4 2449	28 31.8 2302	77 53.4 2338	80 52.7 2628	98 6.7 2284
3	50 11.8 2459	26 45.8 2334	76 8.3 2352	79 14.4 2644	96 20.3 2293
6	51 54.0 2469	25 0.7 2372	74 23.6 2365	77 36.5 2661	94 34.2 2302
9	53 35.9 2481	23 16.4 2417	72 39.2 2380	75 58.9 2680	92 48.2 2312
12	55 17.6 2492	21 33.3 2472	70 55.1 2396	74 21.8 2700	91 2.6 2323
15	56 59.0 2504	19 51.4 2540	69 11.5 2412	72 45.2 2722	89 17.1 2334
18	58 40.1 2516	18 11.1 2626	67 28.2 2430	71 9.0 2745	87 32.0 2346
21	60 21.0 2528	16 32.8 2739	65 45.3 2448	69 33.4 2770	85 47.1 2359
20 UT	+Sun	+Sabik	–Enif	–Fomalhaut	–Markab
0	62 1.5 2541	11 39.0 2653	64 2.9 2467	67 58.2 2796	84 2.6 2372
3	63 41.8 2554	13 16.7 2565	62 20.9 2488	66 23.7 2825	82 18.3 2386
6	65 21.7 2567	14 56.4 2509	60 39.4 2509	64 49.8 2855	80 34.4 2399
9	67 1.4 2581	16 37.4 2472	58 58.4 2532	63 16.5 2887	78 50.8 2414
12	68 40.7 2594	18 19.3 2449	57 18.0 2556	61 43.9 2921	77 7.6 2429
15	70 19.8 2608	20 1.7 2435	55 38.1 2581	60 12.1 2957	75 24.7 2445
18	71 58.5 2623	21 44.4 2427	53 58.7 2608	58 41.0 2997	73 42.2 2461
21	73 36.9 2636	23 27.3 2423	52 20.0 2636	57 10.7 3038	72 0.1 2477
21 UT	+Sun	+Sabik	–Enif	–Markab	–Diphda
0	75 15.0 2651	25 10.3 2424	50 41.9 2666	70 18.3 2494	81 38.4 2766
3	76 52.7 2665	26 53.3 2426	49 4.5 2698	68 37.0 2512	80 3.2 2784
6	78 30.2 2680	28 36.3 2431	47 27.8 2732	66 56.0 2529	78 28.4 2803
9	80 7.3 2694	30 19.1 2437	45 51.9 2769	65 15.5 2548	76 54.1 2824
12	81 44.1 2708	32 1.8 2444	44 16.7 2807	63 35.4 2567	75 20.1 2844
15	83 20.5 2723	33 44.4 2452	42 42.4 2850	61 55.8 2587	73 46.6 2866
18	84 56.7 2738	35 26.7 2461	41 9.1 2896	60 16.6 2607	72 13.6 2889
21	86 32.5 2752	37 8.8 2470	39 36.7 2946	58 37.8 2628	70 41.0 2912

OCTOBER 2012

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
22 UT	+Sun	+Sabik	+Shaula	+Nunki	–Markab
0	88 8.0 2766	38 50.7 2480	36 59.5 2944	16 36.8 2860	56 59.5 2649
3	89 43.2 2781	40 32.4 2491	38 30.9 2920	18 9.9 2803	55 21.8 2672
6	91 18.1 2795	42 13.8 2502	40 2.7 2902	19 44.3 2762	53 44.5 2695
9	92 52.6 2810	43 55.0 2513	41 35.0 2886	21 19.6 2733	52 7.7 2720
12	94 26.9 2824	45 35.9 2524	43 7.6 2874	22 55.5 2712	50 31.5 2745
15	96 0.8 2837	47 16.6 2534	44 40.4 2865	24 31.9 2698	48 55.8 2771
18	97 34.5 2852	48 57.0 2546	46 13.5 2858	26 8.6 2689	47 20.7 2799
21	99 7.8 2865	50 37.1 2557	47 46.7 2853	27 45.5 2683	45 46.3 2829
23 UT	+Sun	+Sabik	+Shaula	+Nunki	–Jupiter
0	100 40.8 2880	52 17.0 2569	49 20.0 2850	29 22.5 2681	125 1.6 2522
3	102 13.6 2893	53 56.6 2580	50 53.4 2848	30 59.6 2680	123 20.9 2534
6	103 46.0 2906	55 36.0 2592	52 26.8 2848	32 36.7 2682	121 40.5 2546
9	105 18.2 2919	57 15.1 2603	54 0.2 2848	34 13.8 2685	120 0.3 2558
12	106 50.1 2933	58 53.9 2614	55 33.6 2850	35 50.7 2689	118 20.5 2570
15	108 21.7 2946	60 32.5 2625	57 7.0 2853	37 27.7 2693	116 40.9 2582
18	109 53.1 2958	62 10.8 2636	58 40.3 2855	39 4.5 2699	115 1.5 2593
21	111 24.1 2971	63 48.9 2648	60 13.6 2860	40 41.1 2705	113 22.5 2605
24 UT	+Sun	+Kaus Aust.	+Nunki	–Hamal	–Jupiter
0	112 54.9 2983	51 10.4 2862	42 17.7 2712	73 13.4 2687	111 43.7 2616
3	114 25.5 2995	52 43.5 2864	43 54.1 2719	71 36.4 2699	110 5.2 2627
6	115 55.8 3008	54 16.6 2867	45 30.3 2726	69 59.7 2711	108 26.9 2638
9	117 25.8 3020	55 49.6 2870	47 6.4 2733	68 23.3 2724	106 48.8 2649
12	118 55.6 3031	57 22.6 2873	48 42.3 2741	66 47.2 2735	105 11.0 2660
15	120 25.2 3043	58 55.4 2878	50 18.0 2749	65 11.3 2748	103 33.5 2670
18	121 54.5 3055	60 28.2 2882	51 53.6 2757	63 35.7 2760	101 56.1 2681
21	123 23.6 3066	62 0.9 2887	53 29.0 2765	62 0.4 2772	100 19.1 2690
25 UT	+Kaus Aust.	+Nunki	–Hamal	–Aldebaran	–Jupiter
0	63 33.5 2892	55 4.2 2773	60 25.3 2784	93 25.4 2734	98 42.2 2700
3	65 6.0 2898	56 39.3 2782	58 50.5 2796	91 49.5 2744	97 5.5 2710
6	66 38.3 2904	58 14.1 2789	57 16.0 2808	90 13.8 2754	95 29.1 2720
9	68 10.5 2910	59 48.8 2798	55 41.7 2820	88 38.4 2764	93 52.9 2729
12	69 42.6 2916	61 23.3 2805	54 7.7 2832	87 3.1 2773	92 16.9 2738
15	71 14.6 2923	62 57.6 2814	52 33.9 2845	85 28.1 2782	90 41.1 2747
18	72 46.4 2929	64 31.8 2822	51 0.4 2857	83 53.2 2791	89 5.5 2756
21	74 18.1 2936	66 5.8 2829	49 27.2 2870	82 18.6 2800	87 30.1 2765
26 UT	+Nunki	–Hamal	–Aldebaran	–Jupiter	–Elnath
0	67 39.6 2837	47 54.2 2882	80 44.2 2809	85 54.8 2773	92 30.1 2836
3	69 13.2 2845	46 21.6 2896	79 9.9 2818	84 19.8 2782	90 56.4 2846
6	70 46.7 2853	44 49.2 2910	77 35.8 2827	82 45.0 2790	89 23.0 2854
9	72 20.0 2860	43 17.1 2923	76 2.0 2835	81 10.3 2798	87 49.7 2862
12	73 53.2 2868	41 45.3 2938	74 28.3 2843	79 35.8 2807	86 16.6 2871
15	75 26.2 2876	40 13.8 2953	72 54.8 2852	78 1.5 2814	84 43.6 2879
18	76 59.0 2883	38 42.6 2969	71 21.4 2860	76 27.3 2822	83 10.9 2887
21	78 31.6 2891	37 11.7 2986	69 48.3 2868	74 53.4 2830	81 38.3 2895

OCTOBER 2012

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27 UT	+Nunki	–Aldebaran	–Jupiter	–Elnath	–Betelgeuse
0	80 4.1 2898	68 15.3 2876	73 19.6 2837	80 5.9 2903	87 55.4 2978
3	81 36.5 2905	66 42.4 2884	71 45.9 2845	78 33.6 2911	86 24.8 2986
6	83 8.7 2912	65 9.8 2891	70 12.4 2852	77 1.6 2919	84 54.3 2993
9	84 40.7 2919	63 37.3 2899	68 39.1 2859	75 29.7 2927	83 23.9 3002
12	86 12.6 2926	62 5.0 2906	67 5.9 2866	73 57.9 2934	81 53.7 3009
15	87 44.4 2933	60 32.8 2914	65 32.9 2873	72 26.4 2942	80 23.7 3017
18	89 16.0 2940	59 0.8 2921	63 60.0 2879	70 54.9 2950	78 53.9 3025
21	90 47.5 2947	57 28.9 2929	62 27.2 2886	69 23.7 2958	77 24.2 3034
28 UT	+Enif	–Aldebaran	–Jupiter	–Elnath	–Betelgeuse
0	45 17.4 3304	55 57.3 2936	60 54.6 2892	67 52.6 2965	75 54.7 3042
3	46 41.5 3292	54 25.7 2943	59 22.1 2898	66 21.7 2973	74 25.4 3051
6	48 5.8 3282	52 54.3 2950	57 49.8 2905	64 50.9 2981	72 56.2 3059
9	49 30.3 3272	51 23.1 2957	56 17.6 2911	63 20.3 2988	71 27.2 3067
12	50 55.1 3264	49 52.0 2964	54 45.5 2917	61 49.9 2996	69 58.4 3076
15	52 19.9 3257	48 21.0 2971	53 13.6 2923	60 19.6 3004	68 29.8 3085
18	53 44.9 3251	46 50.2 2978	51 41.8 2929	58 49.4 3011	67 1.3 3094
21	55 10.1 3247	45 19.6 2986	50 10.1 2935	57 19.5 3019	65 33.0 3104
29 UT	+Enif	–Aldebaran	–Jupiter	–Elnath	–Betelgeuse
0	56 35.3 3243	43 49.1 2993	48 38.5 2940	55 49.7 3027	64 4.9 3112
3	58 0.6 3239	42 18.7 3000	47 7.1 2945	54 20.0 3035	62 37.0 3122
6	59 26.0 3236	40 48.5 3007	45 35.7 2951	52 50.5 3043	61 9.3 3132
9	60 51.4 3235	39 18.4 3014	44 4.5 2957	51 21.2 3051	59 41.8 3142
12	62 16.9 3233	37 48.5 3022	42 33.4 2962	49 52.1 3060	58 14.5 3153
15	63 42.3 3232	36 18.8 3029	41 2.4 2966	48 23.1 3068	56 47.5 3164
18	65 7.9 3231	34 49.2 3037	39 31.5 2972	46 54.3 3077	55 20.6 3175
21	66 33.4 3231	33 19.7 3045	38 0.7 2977	45 25.7 3085	53 54.0 3186
30 UT	+Markab	–Aldebaran	–Jupiter	–Betelgeuse	–Procyon
0	47 40.8 3276	31 50.4 3053	36 30.0 2982	52 27.5 3199	78 2.3 3101
3	49 5.5 3269	30 21.3 3062	34 59.4 2986	51 1.4 3212	76 34.2 3107
6	50 30.3 3263	28 52.4 3071	33 29.0 2991	49 35.5 3225	75 6.2 3113
9	51 55.2 3258	27 23.7 3081	31 58.6 2995	48 9.8 3240	73 38.3 3119
12	53 20.2 3253	25 55.1 3092	30 28.3 2999	46 44.5 3255	72 10.6 3125
15	54 45.3 3249	24 26.8 3104	28 58.0 3004	45 19.4 3271	70 42.9 3131
18	56 10.5 3245	22 58.8 3117	27 27.9 3007	43 54.7 3288	69 15.4 3136
21	57 35.7 3243	21 31.0 3133	25 57.8 3012	42 30.3 3307	67 48.0 3143
31 UT	+Markab	–Jupiter	–Betelgeuse	–Pollux	–Procyon
0	59 1.0 3240	24 27.9 3016	41 6.2 3327	62 44.6 3149	66 20.7 3149
3	60 26.4 3238	22 58.0 3019	39 42.6 3349	61 17.4 3156	64 53.5 3155
6	61 51.8 3236	21 28.2 3023	38 19.3 3373	59 50.4 3163	63 26.5 3161
9	63 17.2 3234	19 58.5 3027	36 56.5 3399	58 23.5 3170	61 59.6 3167
12	64 42.7 3233	18 28.8 3031	35 34.2 3428	56 56.8 3176	60 32.8 3174
15	66 8.2 3231	16 59.3 3034	34 12.5 3460	55 30.2 3183	59 6.1 3180
18	67 33.7 3230	15 29.8 3038	32 51.4 3496	54 3.7 3191	57 39.6 3187
21	68 59.2 3230	14 0.4 3042	31 30.9 3537	52 37.4 3199	56 13.1 3194