

JANUARY 2013

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Jupiter	+Aldebaran	+Betelgeuse	–Spica	–Venus
0	73 0.0 2801	70 26.5 2846	51 56.9 3018	63 11.2 2834	118 56.2 3290
3	74 34.4 2794	71 59.9 2838	53 26.8 3003	61 37.4 2826	117 31.8 3282
6	76 9.0 2785	73 33.6 2829	54 56.9 2988	60 3.6 2818	116 7.3 3273
9	77 43.8 2777	75 7.4 2820	56 27.4 2972	58 29.5 2809	114 42.6 3262
12	79 18.8 2768	76 41.4 2812	57 58.1 2959	56 55.2 2801	113 17.6 3253
15	80 53.9 2759	78 15.6 2802	59 29.2 2944	55 20.8 2791	111 52.6 3243
18	82 29.3 2751	79 50.0 2794	61 0.6 2931	53 46.1 2782	110 27.3 3233
21	84 4.8 2741	81 24.6 2784	62 32.2 2917	52 11.3 2773	109 1.8 3223
2 UT	+Jupiter	+Procyon	–Spica	–Saturn	–Venus
0	85 40.5 2732	38 18.2 2993	50 36.2 2764	66 34.0 2800	107 36.1 3212
3	87 16.5 2722	39 48.6 2968	49 1.0 2754	64 59.5 2791	106 10.2 3202
6	88 52.6 2713	41 19.5 2945	47 25.5 2743	63 24.9 2780	104 44.1 3191
9	90 29.0 2702	42 50.8 2923	45 49.8 2734	61 50.0 2771	103 17.7 3180
12	92 5.6 2693	44 22.6 2902	44 13.9 2723	60 14.9 2761	101 51.2 3168
15	93 42.4 2682	45 54.9 2882	42 37.8 2712	58 39.6 2750	100 24.4 3156
18	95 19.5 2672	47 27.6 2863	41 1.4 2702	57 4.0 2740	98 57.4 3145
21	96 56.8 2661	49 0.7 2844	39 24.8 2691	55 28.3 2730	97 30.2 3133
3 UT	+Jupiter	–Spica	–Saturn	–Venus	–Sun
0	98 34.3 2650	37 48.0 2680	53 52.3 2718	96 2.7 3120	116 25.0 3047
3	100 12.1 2639	36 10.9 2669	52 16.0 2708	94 34.9 3109	114 55.8 3035
6	101 50.1 2628	34 33.5 2658	50 39.5 2697	93 7.0 3096	113 26.3 3022
9	103 28.4 2616	32 55.9 2646	49 2.8 2686	91 38.7 3083	111 56.6 3008
12	105 6.9 2605	31 18.1 2634	47 25.8 2675	90 10.2 3070	110 26.5 2996
15	106 45.7 2592	29 39.9 2622	45 48.6 2663	88 41.5 3056	108 56.2 2982
18	108 24.8 2581	28 1.5 2610	44 11.1 2652	87 12.4 3043	107 25.7 2970
21	110 4.2 2568	26 22.8 2598	42 33.4 2641	85 43.1 3029	105 54.8 2956
4 UT	+Procyon	–Spica	–Saturn	–Venus	–Sun
0	63 15.7 2693	24 43.9 2585	40 55.4 2630	84 13.5 3016	104 23.7 2942
3	64 52.5 2678	23 4.6 2573	39 17.2 2618	82 43.7 3002	102 52.3 2929
6	66 29.6 2662	21 25.1 2559	37 38.7 2606	81 13.5 2987	101 20.6 2914
9	68 7.1 2647	19 45.3 2547	35 60.0 2596	79 43.0 2973	99 48.6 2900
12	69 45.0 2631	18 5.2 2534	34 20.9 2585	78 12.3 2959	98 16.3 2886
15	71 23.2 2615	16 24.7 2521	32 41.7 2574	76 41.2 2944	96 43.7 2871
18	73 1.8 2601	14 44.0 2509	31 2.2 2563	75 9.8 2929	95 10.8 2857
21	74 40.6 2585	13 3.0 2496	29 22.4 2554	73 38.1 2915	93 37.5 2842
5 UT	+Procyon	+Regulus	–Saturn	–Venus	–Sun
0	76 19.9 2570	42 52.4 2521	27 42.5 2544	72 6.2 2899	92 4.0 2827
3	77 59.5 2555	44 33.1 2505	26 2.3 2536	70 33.8 2885	90 30.1 2812
6	79 39.4 2540	46 14.2 2488	24 21.9 2528	69 1.2 2869	88 55.9 2797
9	81 19.7 2525	47 55.7 2472	22 41.4 2523	67 28.2 2854	87 21.4 2782
12	83 0.3 2510	49 37.6 2456	21 0.7 2520	65 55.0 2839	85 46.6 2767
15	84 41.3 2496	51 19.8 2440	19 20.0 2520	64 21.3 2823	84 11.4 2752
18	86 22.6 2482	53 2.4 2425	17 39.2 2524	62 47.4 2808	82 35.9 2737
21	88 4.2 2467	54 45.4 2409	15 58.5 2535	61 13.1 2793	81 0.1 2722

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6 UT	+Procyon	+Alphard	+Regulus	-Venus	-Sun
0	89 46.2 2453	60 29.8 2628	56 28.7 2394	59 38.5 2777	79 23.9 2707
3	91 28.5 2439	62 8.1 2605	58 12.4 2379	58 3.6 2762	77 47.4 2692
6	93 11.2 2425	63 46.8 2584	59 56.5 2364	56 28.3 2747	76 10.5 2676
9	94 54.1 2411	65 26.1 2563	61 40.9 2349	54 52.7 2732	74 33.4 2662
12	96 37.4 2398	67 5.9 2543	63 25.7 2334	53 16.7 2717	72 55.8 2647
15	98 21.0 2385	68 46.1 2524	65 10.9 2319	51 40.5 2702	71 18.0 2632
18	100 5.0 2372	70 26.8 2505	66 56.4 2305	50 3.9 2688	69 39.8 2617
21	101 49.2 2360	72 7.9 2486	68 42.3 2290	48 26.9 2673	68 1.3 2603
7 UT	+Regulus	+Gienah	+Spica	-Venus	-Sun
0	70 28.5 2276	32 4.0 2535	16 27.7 2256	46 49.7 2659	66 22.5 2589
3	72 15.0 2263	33 44.4 2497	18 14.8 2242	45 12.1 2645	64 43.3 2575
6	74 1.9 2249	35 25.7 2462	20 2.2 2229	43 34.2 2631	63 3.8 2562
9	75 49.2 2236	37 7.8 2430	21 49.9 2216	41 56.0 2618	61 24.1 2548
12	77 36.7 2223	38 50.7 2401	23 38.0 2203	40 17.5 2605	59 44.0 2536
15	79 24.6 2210	40 34.2 2374	25 26.3 2190	38 38.7 2592	58 3.6 2522
18	81 12.8 2198	42 18.4 2350	27 15.0 2178	36 59.6 2581	56 22.9 2510
21	83 1.3 2186	44 3.1 2327	29 4.0 2166	35 20.3 2569	54 41.9 2498
8 UT	+Gienah	+Spica	+Saturn	-Venus	-Sun
0	45 48.5 2307	30 53.3 2155	14 58.8 2296	33 40.7 2558	53 0.7 2487
3	47 34.3 2287	32 42.9 2143	16 44.9 2262	32 0.8 2547	51 19.2 2476
6	49 20.6 2268	34 32.8 2133	18 31.8 2234	30 20.7 2538	49 37.4 2466
9	51 7.3 2251	36 22.9 2122	20 19.4 2210	28 40.4 2529	47 55.4 2456
12	52 54.5 2235	38 13.3 2113	22 7.6 2190	26 59.8 2522	46 13.2 2447
15	54 42.1 2221	40 4.0 2103	23 56.3 2173	25 19.1 2515	44 30.7 2439
18	56 30.0 2206	41 54.9 2094	25 45.4 2158	23 38.3 2509	42 48.1 2430
21	58 18.3 2194	43 46.0 2086	27 34.9 2144	21 57.3 2506	41 5.2 2424
9 UT	+Spica	+Saturn	+Zubenelgen	-Venus	-Sun
0	45 37.3 2078	29 24.8 2132	24 17.0 2083	20 16.2 2504	39 22.2 2417
3	47 28.8 2071	31 14.9 2121	26 8.4 2075	18 35.1 2505	37 39.1 2412
6	49 20.6 2064	33 5.4 2111	28 0.0 2068	16 54.0 2510	35 55.8 2408
9	51 12.5 2058	34 56.1 2103	29 51.8 2061	15 13.0 2520	34 12.4 2405
12	53 4.5 2052	36 47.0 2095	31 43.8 2055	13 32.3 2538	32 29.0 2403
15	54 56.7 2048	38 38.1 2088	33 35.9 2050	11 52.0 2569	30 45.5 2403
18	56 49.0 2043	40 29.3 2082	35 28.2 2045	10 12.3 2621	29 2.0 2404
21	58 41.5 2039	42 20.8 2077	37 20.5 2042	8 33.9 2717	27 18.5 2407
10 UT	+Gienah	+Spica	+Saturn	+Zubenelgen	-Sun
0	74 44.4 2121	60 34.0 2037	44 12.4 2073	39 13.0 2038	25 35.1 2412
3	76 34.8 2117	62 26.6 2034	46 4.0 2069	41 5.6 2036	23 51.8 2420
6	78 25.3 2115	64 19.3 2033	47 55.8 2067	42 58.2 2034	22 8.7 2432
9	80 15.9 2113	66 12.0 2031	49 47.6 2064	44 50.9 2033	20 25.9 2447
12	82 6.6 2112	68 4.7 2032	51 39.5 2064	46 43.6 2033	18 43.5 2469
15	83 57.2 2112	69 57.5 2032	53 31.4 2064	48 36.3 2033	17 1.5 2499
18	85 47.9 2113	71 50.2 2033	55 23.3 2064	50 29.0 2034	15 20.3 2541
21	87 38.5 2115	73 42.9 2035	57 15.2 2065	52 21.6 2036	13 40.1 2601

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13 UT	+Sun	–Hamal	–Menkar	–Jupiter	–Aldebaran
0	16 56.1 2623	87 50.3 2220	96 14.7 2293	117 36.5 2155	121 3.3 2187
3	18 34.5 2616	86 2.3 2234	94 28.6 2306	115 46.9 2168	119 14.5 2200
6	20 13.0 2614	84 14.7 2248	92 42.7 2320	113 57.7 2183	117 26.0 2213
9	21 51.6 2617	82 27.4 2263	90 57.2 2334	112 8.8 2197	115 37.9 2227
12	23 30.1 2622	80 40.6 2279	89 12.1 2349	110 20.3 2212	113 50.2 2242
15	25 8.5 2631	78 54.1 2295	87 27.3 2365	108 32.1 2228	112 2.7 2257
18	26 46.7 2641	77 8.0 2311	85 42.9 2381	106 44.4 2243	110 15.7 2273
21	28 24.7 2653	75 22.2 2329	83 58.8 2398	104 57.0 2260	108 29.1 2289
14 UT	+Sun	–Hamal	–Menkar	–Jupiter	–Aldebaran
0	30 2.4 2665	73 37.0 2346	82 15.2 2415	103 10.0 2276	106 42.8 2305
3	31 39.9 2680	71 52.1 2364	80 32.0 2434	101 23.5 2293	104 57.0 2322
6	33 17.0 2694	70 7.7 2382	78 49.3 2452	99 37.3 2310	103 11.5 2338
9	34 53.8 2710	68 23.7 2401	77 6.9 2472	97 51.6 2328	101 26.5 2356
12	36 30.2 2727	66 40.1 2420	75 25.1 2491	96 6.3 2346	99 41.8 2373
15	38 6.2 2744	64 57.0 2440	73 43.6 2511	94 21.4 2363	97 57.6 2391
18	39 41.9 2761	63 14.4 2459	72 2.7 2532	92 37.0 2381	96 13.8 2409
21	41 17.2 2779	61 32.2 2480	70 22.2 2553	90 52.9 2400	94 30.5 2427
15 UT	+Sun	–Hamal	–Menkar	–Jupiter	–Aldebaran
0	42 52.2 2797	59 50.6 2501	68 42.2 2574	89 9.4 2419	92 47.6 2446
3	44 26.7 2816	58 9.4 2522	67 2.7 2596	87 26.2 2437	91 5.1 2464
6	46 0.8 2834	56 28.7 2543	65 23.7 2619	85 43.6 2455	89 23.0 2482
9	47 34.5 2854	54 48.4 2564	63 45.3 2642	84 1.3 2474	87 41.4 2500
12	49 7.8 2873	53 8.7 2586	62 7.3 2665	82 19.5 2493	86 0.2 2520
15	50 40.7 2891	51 29.5 2608	60 29.9 2689	80 38.1 2511	84 19.5 2538
18	52 13.1 2911	49 50.8 2631	58 52.9 2713	78 57.1 2530	82 39.1 2557
21	53 45.2 2931	48 12.6 2654	57 16.6 2738	77 16.6 2548	80 59.2 2575
16 UT	+Sun	–Hamal	–Jupiter	–Aldebaran	–Elnath
0	55 16.9 2950	46 34.9 2678	75 36.5 2567	79 19.8 2594	91 9.3 2623
3	56 48.1 2969	44 57.8 2702	73 56.9 2585	77 40.7 2612	89 30.9 2642
6	58 19.0 2988	43 21.1 2726	72 17.6 2604	76 2.1 2631	87 53.0 2660
9	59 49.4 3007	41 45.1 2751	70 38.8 2621	74 23.9 2649	86 15.4 2678
12	61 19.5 3026	40 9.5 2777	69 0.4 2640	72 46.1 2667	84 38.3 2696
15	62 49.1 3046	38 34.6 2804	67 22.4 2657	71 8.7 2685	83 1.5 2714
18	64 18.4 3063	37 0.2 2831	65 44.7 2675	69 31.7 2702	81 25.2 2732
21	65 47.3 3082	35 26.5 2861	64 7.5 2692	67 55.1 2720	79 49.2 2750
17 UT	+Sun	–Jupiter	–Aldebaran	–Elnath	–Betelgeuse
0	67 15.8 3100	62 30.7 2709	66 18.9 2737	78 13.7 2767	85 59.5 2839
3	68 43.9 3118	60 54.2 2726	64 43.1 2755	76 38.5 2785	84 25.9 2856
6	70 11.7 3136	59 18.2 2742	63 7.6 2771	75 3.7 2801	82 52.7 2873
9	71 39.1 3153	57 42.4 2759	61 32.5 2788	73 29.3 2818	81 19.8 2891
12	73 6.2 3170	56 7.1 2774	59 57.8 2804	71 55.2 2835	79 47.3 2907
15	74 33.0 3187	54 32.1 2791	58 23.4 2820	70 21.5 2852	78 15.2 2924
18	75 59.4 3203	52 57.4 2805	56 49.4 2836	68 48.2 2868	76 43.4 2941
21	77 25.4 3219	51 23.1 2820	55 15.7 2851	67 15.2 2883	75 11.9 2957

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18 UT	+Sun	–Jupiter	–Aldebaran	–Elnath	–Betelgeuse
0	78 51.2 3235	49 49.0 2835	53 42.4 2866	65 42.5 2899	73 40.9 2974
3	80 16.7 3250	48 15.3 2848	52 9.3 2881	64 10.2 2914	72 10.1 2990
6	81 41.8 3265	46 41.9 2863	50 36.6 2895	62 38.2 2929	70 39.7 3006
9	83 6.7 3279	45 8.8 2876	49 4.2 2909	61 6.5 2944	69 9.6 3022
12	84 31.3 3294	43 36.0 2889	47 32.1 2923	59 35.2 2959	67 39.9 3038
15	85 55.6 3306	42 3.5 2901	46 0.3 2936	58 4.1 2973	66 10.4 3053
18	87 19.6 3320	40 31.2 2914	44 28.8 2950	56 33.3 2987	64 41.3 3069
21	88 43.4 3332	38 59.2 2925	42 57.5 2962	55 2.9 3001	63 12.6 3084
19 UT	+Sun	–Jupiter	–Aldebaran	–Elnath	–Betelgeuse
0	90 7.0 3344	37 27.4 2937	41 26.5 2975	53 32.7 3015	61 44.1 3100
3	91 30.3 3356	35 55.9 2947	39 55.8 2987	52 2.8 3028	60 15.9 3115
6	92 53.4 3367	34 24.6 2958	38 25.3 3000	50 33.2 3041	58 48.1 3130
9	94 16.3 3378	32 53.5 2967	36 55.1 3011	49 3.8 3054	57 20.5 3145
12	95 39.0 3388	31 22.6 2977	35 25.2 3023	47 34.7 3067	55 53.3 3160
15	97 1.5 3398	29 51.9 2986	33 55.4 3034	46 5.9 3080	54 26.4 3176
18	98 23.8 3407	28 21.4 2994	32 25.9 3046	44 37.3 3092	52 59.7 3191
21	99 45.9 3416	26 51.1 3002	30 56.7 3057	43 9.0 3105	51 33.4 3207
20 UT	+Sun	+Diphda	–Jupiter	–Aldebaran	–Procyon
0	101 7.9 3424	43 31.1 3993	25 20.9 3010	29 27.6 3069	75 40.5 3117
3	102 29.7 3432	44 42.9 3949	23 50.9 3017	27 58.9 3081	74 12.7 3125
6	103 51.3 3439	45 55.4 3910	22 21.1 3024	26 30.3 3093	72 45.1 3133
9	105 12.9 3446	47 8.5 3874	20 51.4 3030	25 2.0 3105	71 17.6 3140
12	106 34.3 3452	48 22.3 3842	19 21.8 3036	23 34.0 3119	69 50.2 3148
15	107 55.5 3458	49 36.6 3813	17 52.3 3041	22 6.2 3134	68 23.1 3155
18	109 16.7 3463	50 51.4 3786	16 23.0 3047	20 38.7 3151	66 56.0 3162
21	110 37.8 3469	52 6.7 3761	14 53.7 3051	19 11.6 3170	65 29.1 3169
21 UT	+Sun	+Hamal	–Betelgeuse	–Pollux	–Procyon
0	111 58.8 3472	18 6.7 3585	38 51.5 3376	60 31.9 3174	64 2.4 3175
3	113 19.7 3477	19 25.5 3517	37 28.8 3400	59 5.3 3181	62 35.7 3181
6	114 40.5 3480	20 45.6 3463	36 6.6 3428	57 38.8 3187	61 9.2 3188
9	116 1.2 3483	22 6.7 3418	34 44.8 3458	56 12.4 3194	59 42.8 3193
12	117 21.9 3486	23 28.6 3381	33 23.6 3491	54 46.1 3200	58 16.6 3199
15	118 42.6 3488	24 51.2 3350	32 3.1 3529	53 19.9 3206	56 50.4 3205
18	120 3.2 3490	26 14.4 3324	30 43.2 3571	51 53.9 3213	55 24.4 3211
21	121 23.8 3491	27 38.1 3301	29 24.1 3619	50 28.0 3219	53 58.4 3216
22 UT	+Hamal	–Pollux	–Procyon	–Alphard	–Regulus
0	29 2.3 3282	49 2.3 3226	52 32.6 3223	82 47.0 3283	85 9.5 3098
3	30 26.8 3265	47 36.7 3233	51 6.9 3229	81 22.5 3285	83 41.3 3098
6	31 51.7 3249	46 11.2 3240	49 41.4 3235	79 58.0 3286	82 13.1 3098
9	33 16.9 3235	44 45.8 3248	48 15.9 3241	78 33.6 3287	80 44.9 3097
12	34 42.3 3223	43 20.6 3257	46 50.6 3249	77 9.2 3289	79 16.7 3096
15	36 8.0 3211	41 55.6 3265	45 25.4 3256	75 44.8 3290	77 48.5 3094
18	37 33.9 3200	40 30.7 3275	44 0.3 3264	74 20.4 3291	76 20.2 3092
21	39 0.1 3190	39 6.1 3286	42 35.4 3272	72 56.0 3292	74 51.9 3090

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23 UT	+Hamal	+Jupiter	+Aldebaran	–Procyon	–Regulus
0	40 26.4 3180	10 19.2 3061	7 31.0 3681	41 10.7 3282	73 23.6 3088
3	41 53.0 3170	11 48.1 3057	8 48.1 3502	39 46.2 3293	71 55.2 3085
6	43 19.7 3161	13 17.1 3053	10 8.5 3388	38 21.9 3305	70 26.7 3082
9	44 46.6 3152	14 46.2 3049	11 31.0 3310	36 57.8 3319	68 58.2 3079
12	46 13.7 3144	16 15.4 3045	12 54.9 3254	35 34.0 3335	67 29.6 3075
15	47 41.0 3135	17 44.7 3041	14 20.0 3213	34 10.5 3353	66 1.0 3072
18	49 8.4 3127	19 14.1 3037	15 45.9 3181	32 47.3 3375	64 32.3 3068
21	50 36.0 3118	20 43.5 3031	17 12.4 3154	31 24.6 3399	63 3.5 3064
24 UT	+Hamal	+Jupiter	+Aldebaran	–Alphard	–Regulus
0	52 3.8 3111	22 13.1 3026	18 39.5 3133	60 18.1 3309	61 34.6 3059
3	53 31.7 3102	23 42.7 3021	20 7.0 3114	58 54.1 3313	60 5.6 3055
6	54 59.9 3094	25 12.5 3015	21 34.9 3098	57 30.2 3317	58 36.5 3050
9	56 28.1 3086	26 42.4 3010	23 3.1 3084	56 6.3 3322	57 7.4 3046
12	57 56.6 3077	28 12.4 3003	24 31.5 3070	54 42.5 3327	55 38.1 3040
15	59 25.2 3070	29 42.5 2998	26 0.3 3058	53 18.9 3334	54 8.7 3035
18	60 53.9 3061	31 12.7 2991	27 29.3 3046	51 55.4 3341	52 39.3 3030
21	62 22.9 3053	32 43.1 2985	28 58.6 3035	50 32.0 3350	51 9.7 3025
25 UT	+Hamal	+Jupiter	+Aldebaran	+Elnath	–Regulus
0	63 52.0 3044	34 13.6 2978	30 28.0 3025	19 54.1 3338	49 40.0 3019
3	65 21.3 3036	35 44.3 2972	31 57.7 3014	21 17.5 3287	48 10.2 3014
6	66 50.7 3028	37 15.1 2965	33 27.6 3005	22 41.9 3243	46 40.3 3009
9	68 20.4 3019	38 46.0 2957	34 57.8 2995	24 7.2 3205	45 10.3 3004
12	69 50.2 3011	40 17.1 2951	36 28.1 2986	25 33.3 3173	43 40.2 2999
15	71 20.1 3003	41 48.4 2943	37 58.6 2976	26 59.9 3144	42 9.9 2994
18	72 50.3 2994	43 19.7 2935	39 29.3 2966	28 27.2 3118	40 39.6 2989
21	74 20.6 2986	44 51.3 2928	41 0.2 2957	29 55.0 3095	39 9.2 2985
26 UT	+Jupiter	+Aldebaran	+Elnath	–Regulus	–Spica
0	46 23.0 2920	42 31.3 2948	31 23.3 3073	37 38.7 2981	91 13.2 2926
3	47 54.9 2913	44 2.6 2939	32 52.0 3054	36 8.0 2977	89 41.4 2917
6	49 26.9 2905	45 34.1 2930	34 21.0 3036	34 37.4 2974	88 9.5 2910
9	50 59.1 2897	47 5.7 2921	35 50.5 3018	33 6.6 2971	86 37.4 2901
12	52 31.5 2889	48 37.6 2912	37 20.3 3003	31 35.8 2970	85 5.1 2894
15	54 4.0 2881	50 9.6 2903	38 50.5 2987	30 5.0 2968	83 32.7 2885
18	55 36.8 2873	51 41.9 2894	40 20.9 2973	28 34.1 2969	82 0.1 2877
21	57 9.6 2864	53 14.3 2885	41 51.7 2959	27 3.2 2971	80 27.3 2869
27 UT	+Jupiter	+Aldebaran	+Elnath	+Betelgeuse	–Spica
0	58 42.7 2856	54 47.0 2876	43 22.8 2945	37 7.3 3176	78 54.3 2861
3	60 16.0 2849	56 19.8 2867	44 54.1 2933	38 33.9 3147	77 21.1 2852
6	61 49.4 2840	57 52.8 2858	46 25.7 2920	40 1.1 3120	75 47.8 2843
9	63 22.9 2832	59 26.0 2849	47 57.6 2908	41 28.9 3095	74 14.3 2835
12	64 56.7 2823	60 59.4 2840	49 29.7 2896	42 57.1 3071	72 40.6 2827
15	66 30.7 2815	62 33.0 2831	51 2.1 2885	44 25.8 3050	71 6.7 2818
18	68 4.8 2807	64 6.8 2823	52 34.7 2874	45 55.0 3030	69 32.7 2810
21	69 39.1 2799	65 40.7 2814	54 7.6 2863	47 24.6 3010	67 58.5 2801

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Jupiter	+Aldebaran	+Betelgeuse	–Spica	–Saturn
0	71 13.6 2790	67 14.9 2805	48 54.6 2992	66 24.0 2793	83 49.0 2814
3	72 48.2 2782	68 49.2 2796	50 25.0 2974	64 49.4 2785	82 14.8 2805
6	74 23.1 2774	70 23.8 2788	51 55.7 2958	63 14.6 2776	80 40.5 2797
9	75 58.1 2765	71 58.5 2779	53 26.8 2942	61 39.7 2768	79 6.0 2788
12	77 33.3 2757	73 33.4 2770	54 58.2 2927	60 4.5 2759	77 31.2 2780
15	79 8.7 2749	75 8.5 2762	56 29.9 2912	58 29.2 2751	75 56.3 2772
18	80 44.3 2740	76 43.8 2753	58 2.0 2898	56 53.6 2742	74 21.3 2763
21	82 20.1 2732	78 19.3 2745	59 34.3 2885	55 17.9 2734	72 46.0 2755
29 UT	+Jupiter	+Betelgeuse	+Procyon	–Spica	–Saturn
0	83 56.0 2724	61 6.9 2872	35 26.1 2990	53 42.0 2726	71 10.6 2746
3	85 32.1 2716	62 39.8 2859	36 56.6 2962	52 5.9 2717	69 34.9 2738
6	87 8.4 2707	64 13.0 2847	38 27.5 2937	50 29.6 2709	67 59.1 2729
9	88 44.9 2699	65 46.5 2835	39 59.1 2914	48 53.2 2700	66 23.1 2722
12	90 21.6 2691	67 20.1 2824	41 31.1 2892	47 16.5 2692	64 46.9 2713
15	91 58.5 2683	68 54.1 2812	43 3.5 2872	45 39.7 2684	63 10.6 2705
18	93 35.5 2675	70 28.3 2802	44 36.4 2854	44 2.7 2676	61 34.0 2697
21	95 12.7 2666	72 2.7 2790	46 9.7 2835	42 25.5 2667	59 57.3 2689
30 UT	+Jupiter	+Pollux	+Procyon	–Spica	–Saturn
0	96 50.1 2658	51 1.4 2792	47 43.4 2819	40 48.1 2659	58 20.4 2681
3	98 27.7 2650	52 36.0 2778	49 17.5 2803	39 10.5 2651	56 43.3 2673
6	100 5.5 2642	54 10.9 2765	50 51.9 2787	37 32.8 2642	55 6.1 2665
9	101 43.4 2634	55 46.2 2752	52 26.6 2773	35 54.8 2634	53 28.6 2657
12	103 21.6 2625	57 21.7 2739	54 1.6 2759	34 16.7 2626	51 51.0 2649
15	104 59.9 2617	58 57.5 2727	55 37.0 2745	32 38.4 2617	50 13.2 2641
18	106 38.4 2609	60 33.5 2715	57 12.7 2732	30 59.8 2609	48 35.3 2634
21	108 17.1 2601	62 9.8 2704	58 48.6 2720	29 21.1 2601	46 57.1 2626
31 UT	+Procyon	+Regulus	–Spica	–Saturn	–Antares
0	60 24.8 2707	26 43.5 2686	27 42.3 2593	45 18.8 2618	73 20.1 2619
3	62 1.3 2696	28 20.5 2668	26 3.2 2584	43 40.3 2611	71 41.7 2611
6	63 38.1 2684	29 57.8 2652	24 23.9 2576	42 1.7 2604	70 3.0 2604
9	65 15.1 2673	31 35.6 2636	22 44.5 2567	40 22.8 2596	68 24.2 2596
12	66 52.3 2662	33 13.7 2622	21 4.8 2559	38 43.8 2590	66 45.2 2588
15	68 29.8 2651	34 52.1 2609	19 25.0 2551	37 4.7 2582	65 6.0 2581
18	70 7.6 2640	36 30.8 2596	17 44.9 2542	35 25.4 2575	63 26.7 2573
21	71 45.6 2630	38 9.8 2583	16 4.7 2534	33 45.9 2569	61 47.1 2565