

MAY 2015

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Procyon	+Jupiter	+Regulus	–Saturn	–Antares
0	69 39.8 3108	51 36.0 3072	34 54.1 3046	58 19.6 2998	65 5.6 3085
3	71 7.8 3101	53 4.7 3064	36 23.4 3038	56 49.3 2992	63 37.1 3081
6	72 35.9 3093	54 33.6 3057	37 52.8 3030	55 19.0 2985	62 8.6 3077
9	74 4.2 3085	56 2.6 3050	39 22.4 3022	53 48.4 2979	60 40.0 3072
12	75 32.6 3077	57 31.8 3042	40 52.1 3014	52 17.8 2973	59 11.3 3068
15	77 1.3 3070	59 1.1 3035	42 22.1 3006	50 47.0 2966	57 42.5 3064
18	78 30.0 3061	60 30.6 3027	43 52.1 2997	49 16.1 2959	56 13.6 3059
21	79 59.0 3053	62 0.2 3019	45 22.4 2989	47 45.1 2952	54 44.6 3055
2 UT	+Venus	+Jupiter	+Regulus	–Saturn	–Antares
0	113 30.4 3433	63 30.0 3011	46 52.8 2981	46 13.9 2945	53 15.5 3051
3	114 52.0 3426	64 60.0 3003	48 23.4 2973	44 42.5 2938	51 46.4 3048
6	116 13.8 3419	66 30.1 2995	49 54.2 2964	43 11.0 2930	50 17.2 3044
9	117 35.7 3411	68 0.4 2987	51 25.1 2956	41 39.3 2923	48 47.9 3041
12	118 57.8 3404	69 30.9 2978	52 56.3 2947	40 7.5 2915	47 18.5 3037
15	120 20.0 3396	71 1.6 2970	54 27.6 2938	38 35.5 2908	45 49.1 3035
18	121 42.3 3388	72 32.4 2961	55 59.1 2929	37 3.4 2899	44 19.6 3033
21	123 4.8 3381	74 3.4 2953	57 30.8 2921	35 31.1 2892	42 50.1 3032
3 UT	+Regulus	+Spica	–Antares	–Sabik	–Nunki
0	59 2.7 2912	6 17.4 3473	41 20.5 3031	49 13.7 2905	73 39.7 2953
3	60 34.7 2903	7 38.3 3273	39 51.0 3031	47 41.5 2897	72 8.5 2946
6	62 7.0 2894	9 3.0 3154	38 21.4 3033	46 9.1 2889	70 37.2 2939
9	63 39.4 2885	10 30.1 3076	36 51.9 3035	44 36.6 2881	69 5.7 2931
12	65 12.0 2876	11 58.7 3022	35 22.4 3039	43 3.8 2873	67 34.0 2924
15	66 44.8 2867	13 28.5 2981	33 53.0 3045	41 31.0 2864	66 2.2 2916
18	68 17.9 2858	14 59.1 2949	32 23.7 3053	39 57.9 2856	64 30.2 2909
21	69 51.1 2848	16 30.3 2923	30 54.6 3063	38 24.7 2848	62 58.1 2901
4 UT	+Regulus	+Denebola	+Spica	–Sabik	–Nunki
0	71 24.5 2839	50 1.2 3046	18 2.2 2901	36 51.2 2840	61 25.9 2895
3	72 58.1 2830	51 30.5 3028	19 34.4 2882	35 17.6 2832	59 53.4 2888
6	74 31.9 2821	53 0.1 3010	21 7.1 2865	33 43.9 2823	58 20.9 2881
9	76 5.9 2812	54 30.1 2994	22 40.2 2849	32 9.9 2816	56 48.2 2875
12	77 40.0 2803	56 0.4 2978	24 13.6 2835	30 35.8 2808	55 15.3 2869
15	79 14.4 2794	57 31.1 2963	25 47.3 2821	29 1.5 2801	53 42.4 2863
18	80 49.0 2785	59 2.1 2947	27 21.3 2809	27 27.1 2794	52 9.3 2857
21	82 23.8 2776	60 33.4 2933	28 55.5 2796	25 52.5 2787	50 36.0 2852
5 UT	+Gienah	+Spica	+Zubenelgen	–Sabik	–Nunki
0	46 24.0 3029	30 30.1 2785	9 20.3 2920	24 17.8 2781	49 2.7 2847
3	47 53.6 3007	32 4.9 2774	10 52.1 2870	22 42.9 2775	47 29.3 2843
6	49 23.7 2986	33 39.9 2763	12 25.1 2834	21 7.9 2770	45 55.7 2839
9	50 54.2 2966	35 15.2 2752	13 58.8 2806	19 32.8 2766	44 22.1 2836
12	52 25.1 2947	36 50.7 2742	15 33.1 2783	17 57.6 2765	42 48.4 2834
15	53 56.4 2929	38 26.4 2731	17 7.9 2764	16 22.4 2765	41 14.7 2832
18	55 28.1 2912	40 2.4 2721	18 43.2 2747	14 47.1 2768	39 41.0 2831
21	57 0.2 2896	41 38.6 2712	20 18.8 2733	13 12.0 2777	38 7.2 2832

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6 UT	+Denebola	+Gienah	+Spica	+Zubenelgen	–Nunki
0	74 27.7 2823	58 32.5 2881	43 15.0 2702	21 54.7 2719	36 33.4 2834
3	76 1.6 2812	60 5.3 2866	44 51.6 2692	23 31.0 2706	34 59.7 2838
6	77 35.8 2801	61 38.3 2851	46 28.4 2682	25 7.5 2694	33 26.1 2843
9	79 10.2 2791	63 11.6 2837	48 5.4 2673	26 44.3 2683	31 52.6 2852
12	80 44.9 2781	64 45.3 2824	49 42.7 2664	28 21.3 2672	30 19.3 2863
15	82 19.8 2772	66 19.2 2811	51 20.2 2655	29 58.6 2661	28 46.2 2877
18	83 54.8 2762	67 53.4 2798	52 57.8 2645	31 36.1 2651	27 13.4 2896
21	85 30.1 2753	69 27.9 2787	54 35.7 2637	33 13.9 2641	25 41.0 2920
7 UT	+Spica	+Zubenelgen	+Antares	–Enif	–Fomalhaut
0	56 13.8 2627	34 51.8 2631	13 42.4 3752	71 40.1 2888	77 7.0 3038
3	57 52.1 2618	36 30.0 2621	14 58.2 3522	70 7.6 2885	75 37.6 3035
6	59 30.6 2610	38 8.5 2612	16 18.2 3349	68 35.0 2883	74 8.1 3034
9	61 9.2 2601	39 47.1 2603	17 41.4 3217	67 2.3 2882	72 38.6 3033
12	62 48.1 2592	41 25.9 2593	19 7.2 3112	65 29.6 2881	71 9.1 3034
15	64 27.2 2584	43 5.0 2585	20 35.2 3028	63 56.9 2881	69 39.6 3035
18	66 6.5 2575	44 44.3 2575	22 4.8 2959	62 24.2 2882	68 10.1 3037
21	67 46.0 2566	46 23.7 2567	23 35.9 2901	60 51.5 2885	66 40.7 3041
8 UT	+Antares	+Sabik	–Enif	–Fomalhaut	–Markab
0	25 8.1 2853	15 3.1 2599	59 18.9 2888	65 11.3 3045	79 21.2 2775
3	26 41.4 2811	16 42.0 2582	57 46.3 2892	63 42.1 3052	77 46.2 2769
6	28 15.6 2775	18 21.3 2567	56 13.8 2897	62 12.9 3059	76 11.0 2765
9	29 50.6 2743	20 1.0 2553	54 41.5 2905	60 44.0 3068	74 35.8 2760
12	31 26.3 2715	21 41.0 2541	53 9.3 2914	59 15.2 3080	73 0.5 2756
15	33 2.7 2689	23 21.2 2529	51 37.3 2924	57 46.6 3092	71 25.1 2752
18	34 39.6 2666	25 1.8 2519	50 5.5 2937	56 18.3 3108	69 49.6 2749
21	36 17.0 2645	26 42.5 2509	48 34.0 2952	54 50.3 3125	68 14.0 2747
9 UT	+Saturn	+Antares	+Sabik	–Markab	–Sun
0	44 0.5 2465	37 54.9 2626	28 23.5 2498	66 38.4 2745	121 15.1 2812
3	45 42.5 2457	39 33.2 2607	30 4.8 2488	65 2.7 2744	119 41.0 2803
6	47 24.7 2448	41 11.9 2590	31 46.3 2479	63 27.1 2744	118 6.6 2794
9	49 7.1 2440	42 51.0 2575	33 28.0 2470	61 51.4 2746	116 32.0 2786
12	50 49.8 2431	44 30.5 2559	35 9.9 2460	60 15.7 2746	114 57.2 2776
15	52 32.6 2423	46 10.4 2545	36 52.1 2451	58 40.1 2749	113 22.3 2767
18	54 15.6 2414	47 50.5 2531	38 34.4 2442	57 4.5 2753	111 47.1 2758
21	55 58.8 2406	49 31.0 2518	40 17.0 2433	55 29.1 2759	110 11.7 2749
10 UT	+Saturn	+Kaus Aust.	+Nunki	–Markab	–Sun
0	57 42.3 2398	29 34.7 3213	19 35.0 2864	53 53.7 2766	108 36.2 2741
3	59 25.9 2389	31 0.6 3128	21 8.1 2791	52 18.5 2774	107 0.4 2731
6	61 9.7 2381	32 28.2 3055	22 42.8 2732	50 43.5 2784	105 24.4 2723
9	62 53.7 2373	33 57.2 2991	24 18.7 2682	49 8.7 2797	103 48.3 2714
12	64 37.9 2365	35 27.6 2933	25 55.8 2640	47 34.2 2812	102 12.0 2705
15	66 22.3 2357	36 59.2 2883	27 33.8 2604	45 60.0 2830	100 35.4 2697
18	68 6.9 2348	38 31.9 2837	29 12.6 2572	44 26.2 2850	98 58.7 2688
21	69 51.7 2341	40 5.5 2797	30 52.2 2545	42 52.8 2875	97 21.8 2679

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11 UT	+Saturn	+Shaula	+Kaus Aust.	+Nunki	–Sun
0	71 36.7 2333	52 15.3 2738	41 40.1 2760	32 32.3 2520	95 44.6 2671
3	73 21.9 2325	53 51.2 2713	43 15.4 2727	34 13.1 2497	94 7.3 2662
6	75 7.3 2317	55 27.5 2690	44 51.4 2696	35 54.3 2477	92 29.8 2654
9	76 52.9 2309	57 4.4 2668	46 28.2 2668	37 36.1 2459	90 52.2 2646
12	78 38.6 2302	58 41.8 2649	48 5.6 2642	39 18.3 2442	89 14.3 2638
15	80 24.6 2294	60 19.6 2630	49 43.5 2618	41 0.8 2426	87 36.2 2630
18	82 10.7 2286	61 57.8 2612	51 22.0 2596	42 43.8 2411	85 58.0 2622
21	83 57.0 2279	63 36.4 2595	53 1.0 2575	44 27.1 2397	84 19.6 2614
12 UT	+Sabik	+Shaula	+Kaus Aust.	+Nunki	–Sun
0	69 51.4 2295	65 15.5 2580	54 40.5 2556	46 10.7 2384	82 41.0 2606
3	71 37.5 2289	66 54.8 2565	56 20.4 2538	47 54.7 2372	81 2.2 2599
6	73 23.7 2281	68 34.5 2551	58 0.7 2521	49 38.9 2360	79 23.3 2591
9	75 10.2 2274	70 14.6 2538	59 41.4 2506	51 23.4 2350	77 44.2 2584
12	76 56.8 2267	71 54.9 2526	61 22.5 2491	53 8.2 2339	76 4.9 2577
15	78 43.6 2261	73 35.5 2515	63 3.9 2478	54 53.2 2330	74 25.5 2570
18	80 30.5 2254	75 16.4 2504	64 45.6 2465	56 38.5 2320	72 45.9 2564
21	82 17.6 2248	76 57.5 2494	66 27.6 2453	58 24.0 2311	71 6.2 2557
13 UT	+Shaula	+Kaus Aust.	+Nunki	+Altair	–Sun
0	78 38.8 2485	68 9.9 2442	60 9.7 2303	46 58.5 3058	69 26.3 2551
3	80 20.4 2477	69 52.5 2431	61 55.6 2295	48 27.5 3008	67 46.2 2545
6	82 2.1 2469	71 35.3 2422	63 41.7 2288	49 57.6 2963	66 6.1 2540
9	83 44.1 2462	73 18.4 2413	65 28.0 2280	51 28.6 2921	64 25.8 2534
12	85 26.2 2456	75 1.6 2405	67 14.4 2274	53 0.4 2884	62 45.4 2529
15	87 8.4 2450	76 45.1 2397	69 1.0 2268	54 33.1 2849	61 4.8 2524
18	88 50.8 2445	78 28.7 2390	70 47.8 2262	56 6.5 2819	59 24.2 2520
21	90 33.3 2441	80 12.5 2384	72 34.7 2257	57 40.5 2790	57 43.5 2516
14 UT	+Kaus Aust.	+Nunki	+Altair	+Enif	–Sun
0	81 56.5 2378	74 21.7 2252	59 15.2 2765	31 57.2 3171	56 2.6 2512
3	83 40.6 2374	76 8.9 2248	60 50.4 2742	33 23.9 3078	54 21.7 2510
6	85 24.8 2370	77 56.2 2244	62 26.1 2721	34 52.5 2998	52 40.7 2507
9	87 9.1 2366	79 43.5 2240	64 2.3 2702	36 22.8 2929	50 59.7 2504
12	88 53.4 2364	81 31.0 2237	65 38.9 2685	37 54.5 2868	49 18.6 2502
15	90 37.9 2361	83 18.5 2235	67 15.9 2670	39 27.5 2815	47 37.4 2501
18	92 22.4 2360	85 6.1 2233	68 53.3 2657	41 1.6 2769	45 56.2 2501
21	94 6.9 2359	86 53.7 2231	70 30.9 2644	42 36.7 2729	44 15.0 2500
15 UT	+Nunki	+Altair	+Enif	+Fomalhaut	–Sun
0	88 41.4 2230	72 8.8 2634	44 12.7 2693	41 56.4 3156	42 33.8 2501
3	90 29.1 2229	73 46.9 2625	45 49.5 2662	43 23.4 3091	40 52.6 2501
6	92 16.8 2230	75 25.3 2618	47 27.0 2635	44 51.8 3035	39 11.5 2504
9	94 4.5 2230	77 3.7 2612	49 5.1 2611	46 21.2 2984	37 30.3 2505
12	95 52.2 2231	78 42.4 2608	50 43.8 2590	47 51.8 2940	35 49.2 2509
15	97 39.9 2233	80 21.1 2604	52 22.9 2571	49 23.2 2901	34 8.2 2513
18	99 27.5 2235	81 59.9 2602	54 2.5 2556	50 55.5 2867	32 27.3 2518
21	101 15.1 2238	83 38.8 2601	55 42.4 2542	52 28.5 2836	30 46.5 2524

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16 UT	+Altair	+Enif	+Fomalhaut	+Markab	–Sun
0	85 17.7 2602	57 22.6 2531	54 2.2 2809	37 46.2 2798	29 5.9 2531
3	86 56.5 2604	59 3.1 2521	55 36.5 2786	39 20.7 2756	27 25.4 2539
6	88 35.4 2607	60 43.9 2513	57 11.2 2766	40 56.1 2720	25 45.1 2549
9	90 14.1 2611	62 24.7 2507	58 46.4 2748	42 32.3 2689	24 5.0 2561
12	91 52.8 2616	64 5.8 2502	60 22.0 2733	44 9.2 2663	22 25.2 2576
15	93 31.3 2623	65 46.9 2499	61 57.9 2720	45 46.7 2640	20 45.8 2593
18	95 9.7 2631	67 28.2 2497	63 34.1 2711	47 24.7 2622	19 6.7 2615
21	96 47.9 2640	69 9.4 2497	65 10.6 2702	49 3.1 2606	17 28.1 2642
19 UT	+Sun	–Venus	–Alphard	–Regulus	–Denebola
0	11 36.9 2923	34 15.3 2879	78 10.3 2645	81 37.8 2399	103 58.4 2523
3	13 8.8 2891	32 42.5 2906	76 32.4 2662	79 54.2 2413	102 17.7 2535
6	14 41.3 2872	31 10.3 2935	74 54.9 2680	78 11.0 2426	100 37.3 2547
9	16 14.2 2863	29 38.8 2967	73 17.8 2699	76 28.0 2441	98 57.2 2560
12	17 47.3 2860	28 7.9 3001	71 41.1 2718	74 45.4 2455	97 17.4 2573
15	19 20.4 2861	26 37.7 3040	70 4.9 2738	73 3.2 2469	95 37.9 2586
18	20 53.6 2866	25 8.3 3083	68 29.1 2760	71 21.2 2484	93 58.6 2600
21	22 26.6 2873	23 39.8 3133	66 53.7 2782	69 39.7 2499	92 19.7 2615
20 UT	+Sun	–Jupiter	–Alphard	–Regulus	–Denebola
0	23 59.5 2882	53 9.2 2567	65 18.9 2805	67 58.4 2514	90 41.2 2629
3	25 32.2 2892	51 29.6 2585	63 44.5 2829	66 17.5 2530	89 2.9 2645
6	27 4.6 2903	49 50.3 2601	62 10.7 2854	64 37.0 2545	87 25.0 2660
9	28 36.9 2916	48 11.4 2618	60 37.4 2880	62 56.9 2561	85 47.5 2676
12	30 8.8 2929	46 32.9 2636	59 4.7 2907	61 17.1 2577	84 10.3 2693
15	31 40.5 2942	44 54.8 2653	57 32.5 2936	59 37.6 2593	82 33.5 2709
18	33 11.9 2957	43 17.2 2671	56 1.0 2965	57 58.6 2609	80 57.0 2725
21	34 43.0 2972	41 39.9 2690	54 30.0 2996	56 19.9 2625	79 20.9 2743
21 UT	+Sun	–Jupiter	–Regulus	–Denebola	–Spica
0	36 13.8 2986	40 3.0 2708	54 41.5 2641	77 45.2 2760	108 12.8 2636
3	37 44.3 3001	38 26.5 2727	53 3.5 2657	76 9.9 2777	106 34.7 2651
6	39 14.5 3017	36 50.4 2746	51 25.9 2673	74 34.9 2795	104 57.0 2667
9	40 44.4 3032	35 14.8 2766	49 48.7 2690	73 0.4 2813	103 19.6 2682
12	42 13.9 3047	33 39.6 2786	48 11.8 2706	71 26.2 2830	101 42.5 2697
15	43 43.1 3063	32 4.8 2806	46 35.3 2722	69 52.4 2848	100 5.8 2712
18	45 12.0 3078	30 30.5 2828	44 59.1 2738	68 19.0 2867	98 29.4 2728
21	46 40.6 3094	28 56.7 2851	43 23.3 2754	66 46.0 2886	96 53.4 2743
22 UT	+Sun	+Venus	–Jupiter	–Regulus	–Spica
0	48 8.9 3109	8 30.5 6579	27 23.3 2874	41 47.8 2770	95 17.7 2758
3	49 36.9 3124	9 10.0 5601	25 50.4 2899	40 12.7 2787	93 42.3 2773
6	51 4.5 3139	9 59.6 4981	24 18.1 2926	38 38.0 2802	92 7.2 2787
9	52 31.9 3155	10 56.8 4569	22 46.4 2955	37 3.6 2819	90 32.5 2801
12	53 58.9 3169	11 59.6 4285	21 15.2 2987	35 29.5 2834	88 58.1 2815
15	55 25.7 3184	13 6.7 4087	19 44.7 3024	33 55.8 2851	87 23.9 2829
18	56 52.1 3199	14 16.9 3943	18 15.0 3067	32 22.5 2868	85 50.1 2843
21	58 18.3 3212	15 29.5 3838	16 46.2 3117	30 49.5 2884	84 16.6 2856

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23 UT	+Sun	+Venus	–Regulus	–Spica	–Alphecca
0	59 44.2 3226	16 43.9 3760	29 16.8 2901	82 43.4 2870	101 23.8 4167
3	61 9.8 3239	17 59.6 3701	27 44.6 2917	81 10.4 2882	100 14.8 4166
6	62 35.2 3253	19 16.4 3656	26 12.6 2935	79 37.7 2895	99 5.9 4168
9	64 0.3 3266	20 34.0 3622	24 41.1 2953	78 5.3 2907	97 56.9 4170
12	65 25.2 3279	21 52.1 3597	23 9.9 2972	76 33.2 2919	96 48.0 4174
15	66 49.8 3291	23 10.7 3577	21 39.1 2992	75 1.3 2931	95 39.2 4178
18	68 14.1 3302	24 29.7 3561	20 8.7 3014	73 29.6 2942	94 30.4 4184
21	69 38.3 3314	25 49.0 3550	18 38.8 3039	71 58.2 2953	93 21.7 4190
24 UT	+Sun	+Venus	–Spica	–Antares	–Sabik
0	71 2.2 3325	27 8.5 3542	70 27.0 2963	115 55.5 3021	124 53.6 2960
3	72 25.9 3335	28 28.1 3536	68 56.0 2973	114 25.7 3029	123 22.6 2969
6	73 49.4 3345	29 47.8 3531	67 25.3 2983	112 56.1 3038	121 51.7 2979
9	75 12.7 3356	31 7.6 3529	65 54.7 2992	111 26.7 3045	120 21.1 2988
12	76 35.8 3364	32 27.5 3527	64 24.3 3001	109 57.5 3053	118 50.6 2996
15	77 58.8 3374	33 47.4 3526	62 54.2 3009	108 28.3 3060	117 20.3 3004
18	79 21.5 3382	35 7.3 3525	61 24.1 3018	106 59.4 3067	115 50.2 3012
21	80 44.1 3389	36 27.2 3526	59 54.3 3025	105 30.6 3073	114 20.2 3019
25 UT	+Sun	+Venus	+Jupiter	–Spica	–Rasalhague
0	82 6.6 3397	37 47.1 3526	10 49.1 3526	58 24.6 3032	113 49.8 3833
3	83 28.9 3404	39 7.1 3527	12 9.1 3434	56 55.1 3039	112 35.3 3822
6	84 51.1 3411	40 27.0 3528	13 30.7 3371	55 25.7 3046	111 20.7 3812
9	86 13.2 3416	41 46.9 3528	14 53.5 3325	53 56.4 3051	110 5.9 3802
12	87 35.1 3422	43 6.7 3528	16 17.2 3291	52 27.3 3056	108 50.9 3794
15	88 57.0 3427	44 26.6 3529	17 41.6 3266	50 58.2 3062	107 35.7 3786
18	90 18.7 3431	45 46.5 3529	19 6.4 3246	49 29.3 3066	106 20.5 3779
21	91 40.4 3435	47 6.3 3530	20 31.6 3232	48 0.5 3071	105 5.1 3773
26 UT	+Sun	+Venus	+Procyon	+Jupiter	–Spica
0	93 2.0 3438	48 26.2 3530	42 57.7 3236	21 57.2 3219	46 31.7 3074
3	94 23.6 3442	49 46.0 3529	44 23.2 3229	23 22.9 3209	45 3.1 3078
6	95 45.1 3444	51 5.9 3529	45 48.7 3223	24 48.9 3201	43 34.4 3081
9	97 6.5 3446	52 25.7 3528	47 14.4 3217	26 15.0 3194	42 5.9 3083
12	98 27.9 3447	53 45.6 3526	48 40.2 3212	27 41.3 3187	40 37.4 3085
15	99 49.3 3448	55 5.5 3525	50 6.1 3206	29 7.7 3182	39 9.0 3087
18	101 10.7 3448	56 25.5 3523	51 32.2 3201	30 34.2 3176	37 40.6 3089
21	102 32.0 3448	57 45.4 3520	52 58.3 3195	32 0.8 3172	36 12.2 3090
27 UT	+Sun	+Venus	+Procyon	–Spica	–Saturn
0	103 53.4 3448	59 5.5 3518	54 24.5 3190	34 43.8 3091	72 7.2 3042
3	105 14.7 3446	60 25.5 3514	55 50.9 3184	33 15.5 3092	70 37.8 3040
6	106 36.1 3445	61 45.7 3511	57 17.3 3179	31 47.2 3093	69 8.5 3039
9	107 57.6 3442	63 5.8 3507	58 43.9 3173	30 18.9 3093	67 39.1 3037
12	109 19.0 3440	64 26.1 3503	60 10.6 3167	28 50.6 3094	66 9.6 3034
15	110 40.5 3437	65 46.5 3498	61 37.4 3161	27 22.3 3094	64 40.1 3031
18	112 2.1 3434	67 6.9 3493	63 4.3 3155	25 54.1 3096	63 10.6 3028
21	113 23.7 3429	68 27.4 3487	64 31.3 3148	24 25.8 3096	61 41.0 3024

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Venus	+Procyon	+Regulus	–Saturn	–Antares
0	69 48.1 3481	65 58.5 3142	31 6.8 3076	60 11.3 3020	68 51.8 3108
3	71 8.8 3475	67 25.8 3135	32 35.4 3068	58 41.5 3015	67 23.8 3104
6	72 29.6 3468	68 53.2 3128	34 4.2 3061	57 11.6 3010	65 55.7 3100
9	73 50.6 3461	70 20.8 3120	35 33.2 3053	55 41.6 3005	64 27.6 3096
12	75 11.8 3454	71 48.5 3113	37 2.3 3046	54 11.5 2999	62 59.3 3092
15	76 33.0 3446	73 16.4 3105	38 31.5 3038	52 41.3 2993	61 31.0 3088
18	77 54.4 3437	74 44.5 3097	40 1.0 3030	51 10.9 2986	60 2.6 3083
21	79 16.0 3430	76 12.7 3089	41 30.6 3022	49 40.4 2980	58 34.2 3079
29 UT	+Venus	+Jupiter	+Regulus	–Saturn	–Antares
0	80 37.7 3420	56 50.0 3066	43 0.3 3013	48 9.8 2972	57 5.6 3074
3	81 59.6 3412	58 18.8 3058	44 30.2 3004	46 39.0 2965	55 36.9 3069
6	83 21.6 3402	59 47.8 3049	46 0.3 2996	45 8.1 2957	54 8.1 3064
9	84 43.8 3392	61 17.0 3040	47 30.6 2986	43 37.0 2949	52 39.2 3059
12	86 6.3 3382	62 46.4 3031	49 1.1 2977	42 5.7 2941	51 10.3 3054
15	87 28.9 3372	64 16.0 3022	50 31.8 2968	40 34.3 2933	49 41.2 3050
18	88 51.7 3361	65 45.7 3012	52 2.7 2958	39 2.7 2924	48 12.0 3045
21	90 14.7 3351	67 15.7 3002	53 33.8 2947	37 30.9 2914	46 42.7 3041
30 UT	+Jupiter	+Regulus	–Saturn	–Antares	–Sabik
0	68 45.9 2992	55 5.1 2937	35 58.9 2906	45 13.4 3037	53 11.1 2931
3	70 16.3 2981	56 36.6 2927	34 26.7 2896	43 43.9 3034	51 39.5 2921
6	71 46.9 2970	58 8.3 2916	32 54.3 2886	42 14.4 3030	50 7.6 2911
9	73 17.7 2960	59 40.3 2906	31 21.7 2877	40 44.9 3028	48 35.5 2901
12	74 48.7 2948	61 12.5 2894	29 49.0 2867	39 15.2 3026	47 3.3 2890
15	76 20.0 2938	62 44.9 2884	28 16.0 2858	37 45.6 3026	45 30.7 2881
18	77 51.5 2927	64 17.6 2872	26 42.8 2848	36 15.9 3027	43 58.0 2870
21	79 23.2 2915	65 50.5 2861	25 9.3 2838	34 46.3 3029	42 25.1 2859
31 UT	+Denebola	+Spica	–Antares	–Sabik	–Nunki
0	46 11.6 3079	14 7.2 2961	33 16.7 3034	40 51.9 2849	65 24.4 2899
3	47 40.2 3056	15 38.2 2927	31 47.2 3039	39 18.5 2838	63 52.1 2889
6	49 9.3 3034	17 9.9 2900	30 17.8 3049	37 44.9 2827	62 19.6 2879
9	50 38.8 3013	18 42.2 2876	28 48.6 3062	36 11.0 2816	60 46.8 2869
12	52 8.7 2992	20 15.0 2854	27 19.7 3079	34 36.9 2806	59 13.9 2860
15	53 39.1 2973	21 48.3 2835	25 51.1 3102	33 2.6 2795	57 40.7 2851
18	55 9.8 2953	23 22.0 2816	24 23.0 3131	31 28.0 2784	56 7.3 2841
21	56 41.0 2935	24 56.1 2800	22 55.5 3171	29 53.2 2775	54 33.8 2833