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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Venus	+Procyon	+Jupiter	–Spica	–Kaus Aust.
0	105 25.3 3548	38 26.2 3281	20 35.3 3220	51 9.7 3089	120 59.5 3320
3	106 44.9 3548	39 50.7 3269	22 1.0 3202	49 41.3 3089	119 35.7 3313
6	108 4.4 3548	41 15.5 3258	23 27.1 3186	48 13.0 3090	118 11.8 3306
9	109 23.9 3547	42 40.5 3247	24 53.5 3174	46 44.6 3090	116 47.7 3299
12	110 43.4 3547	44 5.7 3238	26 20.2 3162	45 16.2 3090	115 23.5 3293
15	112 2.9 3546	45 31.1 3228	27 47.1 3152	43 47.9 3089	113 59.2 3287
18	113 22.5 3545	46 56.7 3220	29 14.2 3143	42 19.5 3089	112 34.8 3281
21	114 42.0 3543	48 22.5 3211	30 41.5 3134	40 51.1 3088	111 10.2 3275
2 UT	+Procyon	+Jupiter	–Spica	–Kaus Aust.	–Nunki
0	49 48.4 3203	32 8.9 3128	39 22.7 3087	109 45.5 3270	117 42.7 3132
3	51 14.5 3195	33 36.5 3120	37 54.3 3086	108 20.8 3263	116 15.2 3128
6	52 40.7 3188	35 4.3 3114	36 25.9 3085	106 55.9 3259	114 47.6 3125
9	54 7.1 3181	36 32.2 3107	34 57.4 3084	105 30.9 3253	113 20.0 3121
12	55 33.6 3174	38 0.2 3101	33 28.9 3083	104 5.8 3247	111 52.3 3116
15	57 0.3 3167	39 28.3 3095	32 0.4 3082	102 40.6 3242	110 24.4 3112
18	58 27.1 3160	40 56.6 3089	30 31.9 3082	101 15.3 3237	108 56.5 3108
21	59 54.0 3153	42 24.9 3083	29 3.4 3081	99 49.9 3232	107 28.6 3103
3 UT	+Procyon	+Regulus	–Spica	–Saturn	–Antares
0	61 21.1 3147	26 29.2 3093	27 34.9 3081	68 12.6 3037	73 27.3 3106
3	62 48.3 3141	27 57.5 3084	26 6.3 3081	66 43.2 3033	71 59.2 3103
6	64 15.6 3134	29 26.0 3077	24 37.8 3082	65 13.7 3030	70 31.1 3101
9	65 43.1 3128	30 54.6 3069	23 9.3 3084	63 44.1 3025	69 3.0 3098
12	67 10.6 3122	32 23.4 3062	21 40.8 3087	62 14.4 3021	67 34.8 3095
15	68 38.4 3115	33 52.3 3055	20 12.4 3092	60 44.6 3017	66 6.5 3092
18	70 6.2 3109	35 21.4 3048	18 44.1 3098	59 14.8 3012	64 38.2 3089
21	71 34.2 3103	36 50.6 3042	17 15.9 3108	57 44.8 3008	63 9.9 3086
4 UT	+Procyon	+Jupiter	+Regulus	–Saturn	–Antares
0	73 2.3 3097	55 45.4 3033	38 19.9 3036	56 14.8 3003	61 41.4 3084
3	74 30.5 3090	57 14.9 3028	39 49.4 3029	54 44.6 2998	60 12.9 3081
6	75 58.8 3084	58 44.6 3022	41 19.0 3022	53 14.4 2993	58 44.4 3078
9	77 27.3 3078	60 14.3 3016	42 48.7 3016	51 44.0 2988	57 15.8 3075
12	78 55.9 3072	61 44.2 3010	44 18.6 3010	50 13.6 2983	55 47.2 3073
15	80 24.6 3066	63 14.2 3004	45 48.6 3003	48 43.0 2978	54 18.5 3071
18	81 53.4 3060	64 44.3 2998	47 18.7 2996	47 12.4 2973	52 49.7 3069
21	83 22.4 3054	66 14.5 2992	48 49.0 2990	45 41.6 2967	51 20.9 3067
5 UT	+Jupiter	+Regulus	–Saturn	–Antares	–Al na'ir
0	67 44.9 2986	50 19.4 2984	44 10.7 2961	49 52.1 3065	111 56.6 4151
3	69 15.4 2980	51 50.0 2977	42 39.7 2956	48 23.3 3065	110 47.4 4121
6	70 46.0 2973	53 20.6 2970	41 8.6 2950	46 54.4 3063	109 37.7 4093
9	72 16.8 2967	54 51.5 2964	39 37.3 2945	45 25.5 3063	108 27.5 4067
12	73 47.7 2961	56 22.4 2957	38 6.0 2939	43 56.6 3064	107 17.0 4042
15	75 18.7 2954	57 53.5 2950	36 34.5 2933	42 27.7 3065	106 6.0 4019
18	76 49.9 2947	59 24.8 2943	35 2.9 2928	40 58.8 3066	104 54.7 3997
21	78 21.2 2941	60 56.1 2937	33 31.2 2921	39 30.0 3069	103 43.0 3976

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6 UT	+Regulus	+Spica	−Antares	−Sabik	−Nunki
0	62 27.7 2929	9 22.8 3171	38 1.2 3072	45 48.0 2924	70 16.4 2975
3	63 59.4 2923	10 49.5 3102	36 32.5 3077	44 16.2 2918	68 45.7 2970
6	65 31.2 2915	12 17.6 3053	35 3.9 3083	42 44.3 2911	67 14.9 2964
9	67 3.2 2908	13 46.8 3017	33 35.4 3092	41 12.2 2905	65 43.9 2959
12	68 35.3 2901	15 16.6 2988	32 7.1 3102	39 40.0 2898	64 12.9 2953
15	70 7.6 2893	16 47.1 2965	30 39.0 3115	38 7.7 2892	62 41.7 2948
18	71 40.0 2886	18 18.0 2945	29 11.1 3131	36 35.2 2885	61 10.4 2942
21	73 12.6 2878	19 49.4 2928	27 43.6 3152	35 2.6 2879	59 39.0 2937
7 UT	+Regulus	+Spica	−Saturn	−Sabik	−Nunki
0	74 45.4 2871	21 21.1 2913	19 40.4 2876	33 29.8 2872	58 7.4 2932
3	76 18.3 2863	22 53.1 2898	18 7.6 2874	31 56.9 2865	56 35.8 2927
6	77 51.4 2855	24 25.4 2885	16 34.7 2873	30 23.9 2859	55 4.1 2922
9	79 24.7 2847	25 58.1 2873	15 1.8 2875	28 50.7 2853	53 32.2 2917
12	80 58.1 2838	27 30.9 2862	13 29.0 2880	27 17.4 2846	52 0.3 2913
15	82 31.8 2831	29 4.1 2850	11 56.3 2891	25 43.9 2840	50 28.3 2908
18	84 5.6 2822	30 37.4 2839	10 23.8 2911	24 10.3 2834	48 56.1 2904
21	85 39.5 2813	32 11.0 2828	8 51.7 2951	22 36.6 2828	47 23.9 2900
8 UT	+Regulus	+Denebola	+Spica	+Zubenelgen	−Nunki
0	87 13.7 2805	65 12.7 2950	33 44.9 2818	12 30.4 2891	45 51.6 2898
3	88 48.0 2796	66 43.9 2937	35 18.9 2807	14 2.9 2863	44 19.3 2894
6	90 22.6 2788	68 15.4 2925	36 53.2 2797	15 36.0 2840	42 46.8 2893
9	91 57.3 2779	69 47.2 2914	38 27.7 2787	17 9.5 2821	41 14.4 2891
12	93 32.2 2769	71 19.2 2901	40 2.5 2776	18 43.5 2804	39 41.9 2890
15	95 7.4 2760	72 51.5 2890	41 37.4 2767	20 17.9 2789	38 9.4 2891
18	96 42.7 2751	74 24.0 2878	43 12.6 2756	21 52.6 2774	36 36.9 2892
21	98 18.2 2741	75 56.8 2867	44 48.0 2745	23 27.6 2760	35 4.4 2895
9 UT	+Gienah	+Spica	+Zubenelgen	+Saturn	−Nunki
0	61 34.6 2903	46 23.7 2735	25 3.0 2748	6 6.4 2935	33 32.0 2899
3	63 6.8 2888	47 59.6 2724	26 38.6 2734	7 38.0 2846	31 59.7 2906
6	64 39.4 2873	49 35.7 2714	28 14.5 2722	9 11.4 2793	30 27.5 2916
9	66 12.3 2859	51 12.0 2703	29 50.6 2710	10 46.1 2755	28 55.5 2928
12	67 45.5 2845	52 48.6 2692	31 27.0 2698	12 21.5 2727	27 23.8 2945
15	69 19.0 2831	54 25.4 2681	33 3.7 2686	13 57.6 2704	25 52.5 2968
18	70 52.7 2817	56 2.5 2670	34 40.7 2674	15 34.1 2685	24 21.6 2997
21	72 26.8 2803	57 39.9 2658	36 17.9 2662	17 11.1 2667	22 51.3 3034
10 UT	+Antares	+Sabik	−Enif	−Fomalhaut	−Sun
0	16 10.1 3416	5 13.6 2988	68 45.7 2917	74 22.5 3074	116 42.7 2976
3	17 32.1 3275	6 44.1 2840	67 13.7 2912	72 53.8 3071	115 12.0 2963
6	18 56.8 3164	8 17.7 2759	65 41.7 2909	71 25.1 3068	113 41.0 2951
9	20 23.6 3074	9 53.0 2707	64 9.6 2906	69 56.2 3066	112 9.8 2939
12	21 52.3 2999	11 29.5 2669	62 37.4 2903	68 27.4 3065	110 38.3 2926
15	23 22.6 2936	13 6.9 2641	61 5.1 2901	66 58.5 3065	109 6.6 2914
18	24 54.1 2882	14 44.8 2616	59 32.9 2901	65 29.7 3066	107 34.6 2900
21	26 26.8 2836	16 23.4 2596	58 0.6 2901	64 0.8 3068	106 2.3 2888

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11 UT	+Sabik	–Enif	–Fomalhaut	–Markab	–Sun
0	18 2.4 2577	56 28.3 2902	62 32.0 3072	76 26.5 2773	104 29.7 2875
3	19 41.8 2559	54 56.0 2905	61 3.3 3076	74 51.4 2764	102 56.8 2861
6	21 21.6 2543	53 23.8 2909	59 34.7 3084	73 16.2 2756	101 23.7 2848
9	23 1.8 2528	51 51.7 2915	58 6.2 3092	71 40.8 2748	99 50.3 2834
12	24 42.4 2512	50 19.7 2923	56 37.9 3103	70 5.2 2740	98 16.6 2821
15	26 23.3 2498	48 47.9 2932	55 9.8 3115	68 29.4 2733	96 42.6 2806
18	28 4.6 2483	47 16.3 2945	53 41.9 3131	66 53.5 2727	95 8.2 2793
21	29 46.2 2469	45 44.9 2961	52 14.4 3149	65 17.4 2722	93 33.6 2779
12 UT	+Saturn	+Antares	+Sabik	–Markab	–Sun
0	45 30.4 2434	40 56.4 2569	31 28.2 2454	63 41.3 2716	91 58.7 2765
3	47 13.2 2421	42 36.1 2548	33 10.4 2440	62 5.0 2712	90 23.5 2751
6	48 56.3 2407	44 16.1 2528	34 53.1 2426	60 28.6 2709	88 48.0 2736
9	50 39.7 2394	45 56.7 2509	36 36.0 2412	58 52.1 2706	87 12.1 2722
12	52 23.4 2380	47 37.7 2490	38 19.3 2398	57 15.6 2705	85 36.0 2709
15	54 7.4 2367	49 19.2 2472	40 2.9 2385	55 39.1 2705	83 59.5 2694
18	55 51.8 2353	51 1.0 2454	41 46.8 2371	54 2.5 2707	82 22.7 2680
21	57 36.5 2340	52 43.3 2437	43 31.1 2358	52 26.0 2711	80 45.6 2666
13 UT	+Saturn	+Kaus Aust.	+Nunki	–Markab	–Sun
0	59 21.5 2327	32 23.6 3004	22 36.6 2680	50 49.6 2716	79 8.2 2652
3	61 6.8 2313	33 53.8 2932	24 13.7 2623	49 13.3 2723	77 30.5 2638
6	62 52.5 2301	35 25.4 2869	25 52.1 2575	47 37.2 2734	75 52.4 2624
9	64 38.4 2288	36 58.3 2812	27 31.6 2532	46 1.3 2746	74 14.1 2611
12	66 24.7 2275	38 32.5 2761	29 12.0 2495	44 25.6 2763	72 35.4 2596
15	68 11.3 2262	40 7.8 2715	30 53.4 2462	42 50.4 2784	70 56.4 2584
18	69 58.2 2249	41 44.2 2672	32 35.5 2432	41 15.6 2808	69 17.1 2570
21	71 45.4 2237	43 21.4 2634	34 18.3 2404	39 41.3 2839	67 37.5 2557
14 UT	+Saturn	+Shaula	+Kaus Aust.	+Nunki	–Sun
0	73 33.0 2225	55 35.6 2592	44 59.6 2598	36 1.8 2379	65 57.6 2544
3	75 20.8 2213	57 14.7 2565	46 38.5 2565	37 45.8 2357	64 17.4 2531
6	77 8.9 2201	58 54.4 2541	48 18.2 2535	39 30.4 2335	62 37.0 2518
9	78 57.3 2190	60 34.7 2518	49 58.6 2507	41 15.5 2315	60 56.2 2506
12	80 46.0 2179	62 15.5 2497	51 39.7 2481	43 1.2 2297	59 15.1 2495
15	82 35.0 2167	63 56.8 2476	53 21.3 2457	44 47.2 2279	57 33.8 2483
18	84 24.3 2157	65 38.5 2458	55 3.6 2435	46 33.7 2263	55 52.2 2472
21	86 13.8 2147	67 20.7 2440	56 46.3 2413	48 20.6 2247	54 10.3 2461
15 UT	+Rasalhague	+Kaus Aust.	+Nunki	+Altair	–Sun
0	71 39.9 2886	58 29.6 2393	50 7.9 2233	38 48.9 3336	52 28.2 2451
3	73 12.5 2863	60 13.3 2375	51 55.5 2219	40 12.4 3239	50 45.8 2441
6	74 45.6 2841	61 57.5 2358	53 43.5 2207	41 37.7 3153	49 3.2 2431
9	76 19.2 2821	63 42.0 2342	55 31.8 2195	43 4.8 3076	47 20.4 2422
12	77 53.2 2803	65 27.0 2328	57 20.3 2184	44 33.5 3007	45 37.4 2414
15	79 27.6 2788	67 12.3 2314	59 9.2 2173	46 3.5 2945	43 54.1 2406
18	81 2.3 2773	68 57.9 2302	60 58.3 2163	47 34.9 2890	42 10.7 2398
21	82 37.4 2761	70 43.8 2291	62 47.7 2155	49 7.4 2840	40 27.1 2392

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16 UT	+Shaula	+Kaus Aust.	+Nunki	+Altair	–Sun
0	82 56.4 2328	72 30.0 2281	64 37.3 2146	50 41.0 2794	38 43.3 2385
3	84 41.7 2321	74 16.5 2271	66 27.1 2139	52 15.6 2754	36 59.4 2379
6	86 27.2 2316	76 3.2 2263	68 17.0 2133	53 51.0 2718	35 15.3 2375
9	88 12.8 2310	77 50.0 2256	70 7.2 2127	55 27.3 2685	33 31.2 2370
12	89 58.5 2306	79 37.1 2250	71 57.5 2121	57 4.3 2656	31 46.9 2366
15	91 44.3 2304	81 24.3 2245	73 47.9 2117	58 41.9 2629	30 2.5 2364
18	93 30.2 2302	83 11.7 2241	75 38.4 2114	60 20.2 2606	28 18.1 2362
21	95 16.2 2301	84 59.1 2237	77 29.1 2110	61 58.9 2585	26 33.6 2360
17 UT	+Nunki	+Altair	+Enif	+Fomalhaut	–Sun
0	79 19.8 2109	63 38.2 2567	35 59.4 2800	34 52.7 3545	24 49.1 2361
3	81 10.5 2107	65 17.8 2551	37 33.9 2739	36 12.3 3416	23 4.6 2362
6	83 1.3 2107	66 57.9 2538	39 9.7 2685	37 34.2 3303	21 20.1 2363
9	84 52.1 2107	68 38.2 2526	40 46.7 2640	38 58.4 3205	19 35.6 2367
12	86 42.9 2108	70 18.8 2516	42 24.7 2600	40 24.4 3121	17 51.3 2371
15	88 33.7 2110	71 59.6 2508	44 3.6 2567	41 52.1 3048	16 7.0 2379
18	90 24.4 2112	73 40.7 2502	45 43.2 2538	43 21.4 2984	14 22.9 2389
21	92 15.1 2116	75 21.8 2498	47 23.6 2514	44 51.9 2928	12 39.1 2403
20 UT	+Sun	–Venus	–Pollux	–Alphard	–Regulus
0	16 45.4 2540	24 8.4 2770	67 56.1 2325	99 19.7 2459	103 58.2 2226
3	18 25.7 2551	22 33.3 2814	66 10.8 2342	97 37.5 2470	102 10.4 2240
6	20 5.7 2564	20 59.1 2865	64 25.8 2360	95 55.6 2483	100 22.9 2254
9	21 45.5 2578	19 26.1 2926	62 41.3 2379	94 14.0 2497	98 35.8 2268
12	23 24.9 2593	17 54.3 3002	60 57.2 2398	92 32.8 2512	96 49.1 2284
15	25 3.9 2608	16 24.2 3095	59 13.6 2418	90 51.8 2527	95 2.7 2299
18	26 42.7 2625	14 55.9 3217	57 30.4 2439	89 11.2 2543	93 16.7 2315
21	28 21.0 2640	13 30.1 3379	55 47.8 2461	87 31.0 2560	91 31.0 2331
21 UT	+Sun	–Pollux	–Jupiter	–Alphard	–Regulus
0	29 59.0 2658	54 5.7 2484	72 37.6 2370	85 51.2 2577	89 45.8 2347
3	31 36.6 2675	52 24.1 2507	70 53.4 2388	84 11.8 2595	88 1.0 2364
6	33 13.8 2692	50 43.1 2532	69 9.5 2405	82 32.8 2614	86 16.6 2381
9	34 50.6 2711	49 2.6 2558	67 26.1 2423	80 54.2 2634	84 32.5 2398
12	36 27.1 2729	47 22.7 2585	65 43.0 2441	79 16.0 2654	82 48.9 2415
15	38 3.1 2747	45 43.5 2613	64 0.5 2460	77 38.4 2675	81 5.7 2433
18	39 38.7 2767	44 4.9 2643	62 18.3 2478	76 1.1 2697	79 22.9 2451
21	41 13.9 2785	42 26.9 2674	60 36.6 2497	74 24.4 2718	77 40.6 2469
22 UT	+Sun	–Jupiter	–Alphard	–Regulus	–Denebola
0	42 48.7 2804	58 55.3 2516	72 48.2 2741	75 58.6 2487	98 29.5 2607
3	44 23.0 2823	57 14.5 2535	71 12.4 2765	74 17.1 2505	96 50.7 2624
6	45 57.0 2843	55 34.1 2555	69 37.2 2789	72 36.0 2523	95 12.4 2641
9	47 30.5 2862	53 54.1 2574	68 2.5 2813	70 55.4 2542	93 34.4 2659
12	49 3.6 2881	52 14.6 2593	66 28.3 2838	69 15.1 2560	91 56.8 2676
15	50 36.3 2900	50 35.6 2613	64 54.7 2864	67 35.3 2578	90 19.6 2694
18	52 8.7 2919	48 56.9 2633	63 21.6 2891	65 55.9 2596	88 42.8 2713
21	53 40.5 2938	47 18.8 2653	61 49.2 2918	64 16.9 2614	87 6.5 2730

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23 UT	+Sun	+Venus	–Jupiter	–Regulus	–Denebola
0	55 12.0 2957	16 5.7 3397	45 41.1 2672	62 38.3 2632	85 30.5 2749
3	56 43.1 2976	17 28.0 3358	44 3.8 2693	61 0.1 2650	83 54.9 2767
6	58 13.8 2995	18 51.0 3332	42 27.0 2713	59 22.4 2668	82 19.8 2786
9	59 44.1 3013	20 14.6 3314	40 50.6 2732	57 45.0 2686	80 45.0 2804
12	61 14.1 3033	21 38.5 3305	39 14.7 2754	56 8.0 2704	79 10.6 2823
15	62 43.6 3050	23 2.6 3299	37 39.2 2774	54 31.4 2721	77 36.7 2841
18	64 12.8 3068	24 26.8 3298	36 4.2 2795	52 55.3 2738	76 3.1 2860
21	65 41.6 3086	25 51.0 3299	34 29.6 2817	51 19.4 2755	74 29.9 2878
24 UT	+Sun	+Venus	–Jupiter	–Regulus	–Zubenelgen
0	67 10.0 3103	27 15.2 3303	32 55.5 2838	49 44.0 2772	124 35.9 2762
3	68 38.1 3121	28 39.4 3308	31 21.9 2861	48 9.0 2789	123 0.6 2778
6	70 5.8 3137	30 3.4 3315	29 48.8 2884	46 34.3 2805	121 25.6 2793
9	71 33.2 3154	31 27.3 3323	28 16.1 2908	44 59.9 2822	119 51.0 2809
12	73 0.3 3170	32 51.0 3332	26 44.0 2933	43 25.9 2838	118 16.8 2823
15	74 27.0 3186	34 14.6 3341	25 12.4 2960	41 52.3 2854	116 42.8 2837
18	75 53.4 3202	35 38.0 3351	23 41.3 2989	40 19.0 2870	115 9.2 2852
21	77 19.6 3216	37 1.2 3361	22 10.9 3021	38 46.1 2885	113 35.8 2866
25 UT	+Sun	+Venus	+Betelgeuse	–Regulus	–Spica
0	78 45.4 3231	38 24.2 3371	26 9.5 3288	37 13.4 2900	90 40.8 2880
3	80 10.9 3245	39 47.0 3381	27 34.0 3261	35 41.1 2916	89 8.0 2894
6	81 36.2 3259	41 9.7 3391	28 58.9 3239	34 9.2 2931	87 35.6 2906
9	83 1.1 3273	42 32.1 3401	30 24.3 3221	32 37.5 2946	86 3.4 2919
12	84 25.9 3285	43 54.3 3411	31 50.0 3207	31 6.2 2961	84 31.5 2931
15	85 50.3 3298	45 16.4 3421	33 16.0 3197	29 35.2 2976	82 59.9 2942
18	87 14.6 3310	46 38.3 3431	34 42.2 3188	28 4.5 2992	81 28.5 2953
21	88 38.5 3321	47 60.0 3440	36 8.6 3182	26 34.1 3007	79 57.3 2964
26 UT	+Sun	+Venus	+Betelgeuse	–Spica	–Antares
0	90 2.3 3333	49 21.5 3449	37 35.1 3177	78 26.3 2974	123 46.3 3046
3	91 25.9 3343	50 42.8 3458	39 1.7 3173	76 55.6 2984	122 17.0 3053
6	92 49.2 3353	52 4.0 3467	40 28.4 3171	75 25.0 2993	120 47.9 3060
9	94 12.4 3363	53 25.0 3474	41 55.1 3169	73 54.7 3002	119 18.9 3066
12	95 35.4 3372	54 45.9 3482	43 21.8 3168	72 24.5 3010	117 50.1 3072
15	96 58.2 3381	56 6.6 3490	44 48.6 3168	70 54.5 3019	116 21.4 3079
18	98 20.8 3388	57 27.2 3497	46 15.4 3167	69 24.7 3026	114 52.8 3084
21	99 43.3 3397	58 47.6 3503	47 42.2 3167	67 55.1 3034	113 24.3 3090
27 UT	+Sun	+Venus	+Betelgeuse	–Spica	–Shaula
0	101 5.6 3403	60 8.0 3509	49 9.0 3167	66 25.6 3040	124 41.0 3389
3	102 27.8 3410	61 28.2 3516	50 35.8 3168	64 56.2 3047	123 18.5 3384
6	103 49.9 3417	62 48.3 3520	52 2.6 3168	63 27.0 3052	121 56.0 3378
9	105 11.8 3422	64 8.3 3525	53 29.4 3169	61 57.8 3058	120 33.3 3373
12	106 33.7 3426	65 28.2 3529	54 56.1 3169	60 28.8 3062	119 10.5 3368
15	107 55.4 3432	66 48.1 3533	56 22.9 3169	58 59.9 3067	117 47.6 3364
18	109 17.1 3437	68 7.9 3537	57 49.7 3169	57 31.1 3071	116 24.7 3360
21	110 38.7 3440	69 27.6 3540	59 16.4 3170	56 2.3 3075	115 1.6 3356

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Sun	+Venus	+Betelgeuse	+Jupiter	–Spica
0	112 0.2 3443	70 47.2 3543	60 43.2 3169	16 50.5 3304	54 33.7 3078
3	113 21.7 3446	72 6.8 3544	62 9.9 3169	18 14.6 3275	53 5.1 3081
6	114 43.1 3448	73 26.4 3547	63 36.7 3168	19 39.3 3253	51 36.5 3083
9	116 4.4 3450	74 45.9 3548	65 3.5 3167	21 4.4 3234	50 8.1 3085
12	117 25.8 3452	76 5.4 3549	66 30.3 3167	22 29.9 3219	48 39.6 3087
15	118 47.0 3452	77 24.9 3549	67 57.1 3165	23 55.7 3207	47 11.2 3088
18	120 8.3 3453	78 44.4 3549	69 23.9 3164	25 21.7 3195	45 42.8 3089
21	121 29.6 3453	80 3.9 3548	70 50.8 3162	26 47.9 3186	44 14.4 3090
29 UT	+Venus	+Procyon	+Jupiter	–Spica	–Nunki
0	81 23.4 3548	46 32.0 3225	28 14.3 3177	42 46.1 3090	121 4.2 3141
3	82 42.9 3547	47 57.6 3217	29 40.9 3170	41 17.7 3090	119 36.9 3139
6	84 2.5 3545	49 23.4 3210	31 7.7 3162	39 49.4 3090	118 9.5 3135
9	85 22.0 3543	50 49.4 3203	32 34.6 3156	38 21.1 3090	116 42.0 3132
12	86 41.6 3540	52 15.5 3195	34 1.6 3149	36 52.7 3089	115 14.6 3128
15	88 1.3 3538	53 41.7 3188	35 28.8 3143	35 24.3 3088	113 47.0 3125
18	89 21.0 3536	55 8.1 3181	36 56.0 3136	33 55.9 3087	112 19.3 3121
21	90 40.7 3532	56 34.6 3174	38 23.5 3130	32 27.5 3086	110 51.6 3116
30 UT	+Venus	+Procyon	+Jupiter	–Spica	–Saturn
0	92 0.5 3528	58 1.3 3166	39 51.0 3124	30 59.1 3085	70 17.8 3035
3	93 20.4 3524	59 28.1 3159	41 18.7 3118	29 30.6 3084	68 48.4 3032
6	94 40.3 3519	60 55.0 3152	42 46.5 3111	28 2.2 3083	67 18.8 3027
9	96 0.4 3515	62 22.1 3145	44 14.4 3105	26 33.7 3083	65 49.2 3023
12	97 20.5 3510	63 49.4 3138	45 42.4 3099	25 5.2 3083	64 19.5 3019
15	98 40.7 3504	65 16.7 3131	47 10.6 3092	23 36.7 3083	62 49.7 3014
18	100 1.0 3500	66 44.3 3123	48 38.9 3085	22 8.2 3084	61 19.7 3009
21	101 21.4 3493	68 11.9 3116	50 7.4 3078	20 39.7 3087	59 49.7 3003