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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Sun	+Sabik	–Enif	–Fomalhaut	–Markab
0	79 37.7 2784	9 23.6 2616	64 48.0 2739	70 21.3 2947	84 57.1 2657
3	81 12.5 2772	11 2.1 2563	63 12.2 2736	68 50.0 2946	83 19.5 2647
6	82 47.5 2760	12 41.9 2525	61 36.4 2734	67 18.7 2948	81 41.6 2637
9	84 22.9 2747	14 22.5 2495	60 0.5 2732	65 47.4 2950	80 3.6 2628
12	85 58.5 2735	16 3.9 2470	58 24.5 2732	64 16.2 2954	78 25.3 2619
15	87 34.3 2722	17 45.8 2449	56 48.6 2734	62 45.0 2960	76 46.8 2610
18	89 10.5 2710	19 28.2 2429	55 12.7 2736	61 13.9 2966	75 8.1 2602
21	90 46.9 2697	21 11.1 2413	53 36.8 2741	59 43.0 2976	73 29.3 2594
2 UT	+Sun	+Mars	–Enif	–Fomalhaut	–Markab
0	92 23.7 2685	29 29.8 2677	52 1.1 2746	58 12.3 2987	71 50.2 2587
3	94 0.7 2672	31 7.0 2657	50 25.4 2754	56 41.9 3001	70 11.0 2580
6	95 37.9 2660	32 44.6 2639	48 50.0 2765	55 11.7 3018	68 31.7 2574
9	97 15.5 2647	34 22.6 2621	47 14.8 2777	53 41.8 3037	66 52.2 2568
12	98 53.3 2635	36 1.1 2604	45 39.8 2794	52 12.4 3060	65 12.5 2564
15	100 31.4 2623	37 39.9 2588	44 5.2 2813	50 43.4 3087	63 32.8 2560
18	102 9.8 2611	39 19.1 2572	42 31.1 2837	49 15.0 3118	61 53.0 2557
21	103 48.5 2599	40 58.6 2557	40 57.4 2866	47 47.2 3155	60 13.1 2555
3 UT	+Sun	+Mars	+Kaus Aust.	+Nunki	–Markab
0	105 27.4 2587	42 38.5 2543	25 41.8 3362	15 20.4 3048	58 33.2 2555
3	107 6.6 2575	44 18.7 2529	27 4.8 3225	16 49.6 2892	56 53.2 2555
6	108 46.1 2564	45 59.2 2515	28 30.5 3110	18 22.1 2774	55 13.3 2558
9	110 25.8 2553	47 40.1 2503	29 58.4 3011	19 57.1 2681	53 33.4 2561
12	112 5.8 2542	49 21.2 2489	31 28.4 2926	21 34.2 2607	51 53.6 2567
15	113 46.0 2530	51 2.7 2477	33 0.1 2852	23 13.0 2546	50 14.0 2574
18	115 26.6 2520	52 44.4 2465	34 33.5 2787	24 53.1 2495	48 34.5 2585
21	117 7.3 2509	54 26.5 2454	36 8.2 2730	26 34.4 2452	46 55.2 2598
4 UT	+Mars	+Shaula	+Kaus Aust.	+Nunki	–Markab
0	56 8.7 2443	48 16.3 2620	37 44.2 2679	28 16.8 2415	45 16.3 2614
3	57 51.3 2433	49 54.8 2589	39 21.3 2634	29 60.0 2383	43 37.7 2633
6	59 34.1 2422	51 33.9 2560	40 59.5 2594	31 44.0 2355	41 59.5 2657
9	61 17.1 2413	53 13.7 2534	42 38.5 2557	33 28.6 2330	40 21.9 2686
12	63 0.4 2403	54 54.2 2510	44 18.4 2525	35 13.8 2308	38 45.0 2721
15	64 43.9 2395	56 35.1 2488	45 59.0 2495	36 59.6 2288	37 8.8 2763
18	66 27.6 2386	58 16.6 2467	47 40.3 2468	38 45.9 2270	35 33.5 2812
21	68 11.5 2379	59 58.6 2448	49 22.3 2444	40 32.6 2254	33 59.3 2872
5 UT	+Mars	+Rasalhague	+Kaus Aust.	+Nunki	–Hamal
0	69 55.5 2371	64 35.7 2977	51 4.8 2422	42 19.7 2240	73 9.8 2231
3	71 39.8 2364	66 6.4 2947	52 47.9 2402	44 7.1 2227	71 22.1 2227
6	73 24.2 2358	67 37.7 2920	54 31.4 2384	45 54.9 2215	69 34.3 2223
9	75 8.8 2352	69 9.6 2895	56 15.3 2368	47 43.0 2205	67 46.4 2221
12	76 53.5 2347	70 42.0 2873	57 59.7 2353	49 31.3 2195	65 58.5 2219
15	78 38.3 2343	72 14.9 2853	59 44.4 2340	51 19.9 2187	64 10.5 2219
18	80 23.3 2338	73 48.2 2835	61 29.4 2328	53 8.7 2179	62 22.6 2219
21	82 8.3 2336	75 21.8 2820	63 14.7 2318	54 57.7 2172	60 34.6 2220

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6 UT	+Mars	+Kaus Aust.	+Nunki	+Altair	–Aldebaran
0	83 53.4 2333	65 0.2 2309	56 46.8 2167	43 34.9 3007	91 19.8 2097
3	85 38.6 2330	66 46.0 2301	58 36.1 2162	45 5.0 2948	89 28.7 2095
6	87 23.8 2329	68 32.0 2294	60 25.5 2158	46 36.3 2895	87 37.7 2093
9	89 9.1 2328	70 18.1 2289	62 15.0 2155	48 8.7 2849	85 46.5 2093
12	90 54.4 2328	72 4.3 2284	64 4.6 2153	49 42.1 2808	83 55.4 2092
15	92 39.7 2328	73 50.7 2281	65 54.2 2151	51 16.3 2772	82 4.2 2093
18	94 25.0 2330	75 37.2 2279	67 43.9 2150	52 51.4 2740	80 13.0 2094
21	96 10.2 2332	77 23.7 2278	69 33.6 2151	54 27.2 2712	78 21.9 2096
7 UT	+Kaus Aust.	+Nunki	+Altair	+Enif	–Aldebaran
0	79 10.2 2277	71 23.3 2151	56 3.6 2688	28 55.8 3199	76 30.8 2097
3	80 56.7 2278	73 12.9 2153	57 40.5 2667	30 22.0 3085	74 39.8 2100
6	82 43.3 2280	75 2.5 2155	59 17.9 2649	31 50.4 2990	72 48.8 2104
9	84 29.7 2283	76 52.1 2159	60 55.7 2633	33 20.8 2911	70 57.9 2107
12	86 16.1 2287	78 41.6 2163	62 33.8 2621	34 52.9 2844	69 7.1 2112
15	88 2.4 2292	80 31.0 2167	64 12.3 2610	36 26.4 2788	67 16.5 2117
18	89 48.6 2298	82 20.2 2173	65 50.9 2602	38 1.1 2740	65 25.9 2123
21	91 34.6 2304	84 9.4 2179	67 29.8 2595	39 36.9 2700	63 35.6 2129
8 UT	+Nunki	+Altair	+Enif	+Fomalhaut	–Aldebaran
0	85 58.4 2186	69 8.8 2592	41 13.5 2667	40 16.0 3283	61 45.3 2137
3	87 47.2 2193	70 47.9 2589	42 50.9 2639	41 40.5 3211	59 55.3 2145
6	89 35.8 2201	72 27.0 2588	44 28.9 2616	43 6.5 3147	58 5.5 2153
9	91 24.2 2210	74 6.2 2589	46 7.5 2597	44 33.7 3093	56 15.8 2162
12	93 12.4 2220	75 45.4 2592	47 46.4 2582	46 2.0 3046	54 26.4 2171
15	95 0.3 2230	77 24.5 2596	49 25.8 2570	47 31.2 3007	52 37.3 2181
18	96 48.0 2241	79 3.5 2601	51 5.4 2561	49 1.3 2973	50 48.3 2192
21	98 35.5 2252	80 42.4 2607	52 45.2 2554	50 32.0 2944	48 59.7 2203
9 UT	+Altair	+Enif	+Fomalhaut	+Markab	–Aldebaran
0	82 21.1 2616	54 25.1 2550	52 3.4 2919	34 52.6 2847	47 11.3 2214
3	83 59.6 2625	56 5.2 2548	53 35.3 2900	36 26.0 2807	45 23.2 2227
6	85 38.0 2636	57 45.2 2548	55 7.6 2883	38 0.3 2774	43 35.4 2239
9	87 16.1 2648	59 25.3 2549	56 40.3 2870	39 35.4 2748	41 48.0 2252
12	88 53.9 2660	61 5.4 2553	58 13.2 2859	41 10.9 2727	40 0.8 2266
15	90 31.4 2674	62 45.4 2557	59 46.4 2852	42 47.0 2710	38 14.0 2280
18	92 8.7 2690	64 25.3 2564	61 19.7 2847	44 23.4 2698	36 27.5 2295
21	93 45.6 2706	66 5.0 2571	62 53.2 2844	46 0.1 2689	34 41.4 2309
10 UT	+Enif	+Fomalhaut	+Markab	–Jupiter	–Alphard
0	67 44.6 2579	64 26.7 2844	47 37.0 2683	100 12.3 2388	108 0.4 2566
3	69 24.0 2589	66 0.2 2845	49 14.1 2680	98 28.4 2403	106 20.7 2576
6	71 3.1 2599	67 33.7 2848	50 51.2 2679	96 45.0 2419	104 41.3 2588
9	72 42.1 2610	69 7.1 2852	52 28.3 2679	95 1.8 2435	103 2.1 2601
12	74 20.7 2622	70 40.4 2858	54 5.4 2682	93 19.1 2451	101 23.2 2615
15	75 59.1 2635	72 13.6 2865	55 42.5 2686	91 36.7 2468	99 44.7 2628
18	77 37.2 2649	73 46.7 2874	57 19.4 2693	89 54.8 2485	98 6.4 2643
21	79 15.0 2663	75 19.5 2883	58 56.2 2699	88 13.2 2501	96 28.5 2658

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11 UT	+Fomalhaut	+Markab	–Pollux	–Jupiter	–Alphard
0	76 52.2 2894	60 32.9 2708	62 57.1 2573	86 32.0 2519	94 50.9 2674
3	78 24.6 2906	62 9.4 2716	61 17.6 2594	84 51.2 2536	93 13.6 2690
6	79 56.8 2919	63 45.7 2727	59 38.6 2616	83 10.9 2553	91 36.8 2707
9	81 28.7 2932	65 21.8 2737	58 0.0 2638	81 30.9 2571	90 0.3 2725
12	83 0.3 2946	66 57.6 2749	56 22.0 2661	79 51.3 2588	88 24.2 2742
15	84 31.7 2962	68 33.2 2761	54 44.4 2684	78 12.1 2606	86 48.4 2760
18	86 2.7 2977	70 8.5 2774	53 7.4 2709	76 33.4 2624	85 13.1 2779
21	87 33.3 2994	71 43.5 2787	51 31.0 2733	74 55.0 2642	83 38.2 2798
12 UT	–Pollux	–Procyon	–Jupiter	–Alphard	–Regulus
0	49 55.1 2759	52 0.3 2717	73 17.1 2660	82 3.7 2817	85 33.0 2603
3	48 19.7 2785	50 24.0 2741	71 39.5 2678	80 29.6 2837	83 54.1 2620
6	46 44.9 2812	48 48.2 2766	70 2.4 2696	78 56.0 2857	82 15.7 2637
9	45 10.7 2840	47 13.0 2791	68 25.6 2713	77 22.8 2877	80 37.6 2655
12	43 37.2 2870	45 38.4 2816	66 49.3 2732	75 50.0 2898	78 59.9 2672
15	42 4.2 2901	44 4.3 2843	65 13.3 2749	74 17.6 2918	77 22.7 2689
18	40 31.9 2933	42 30.7 2870	63 37.8 2767	72 45.7 2940	75 45.8 2706
21	39 0.3 2967	40 57.8 2899	62 2.6 2784	71 14.2 2961	74 9.2 2723
13 UT	+Aldebaran	–Procyon	–Jupiter	–Regulus	–Sun
0	7 36.4 2784	39 25.5 2929	60 27.8 2802	72 33.1 2740	121 53.5 3073
3	9 11.2 2783	37 53.8 2960	58 53.4 2818	70 57.3 2756	120 24.8 3090
6	10 46.0 2788	36 22.7 2993	57 19.3 2836	69 21.9 2773	118 56.5 3108
9	12 20.7 2797	34 52.4 3029	55 45.6 2853	67 46.9 2789	117 28.5 3125
12	13 55.2 2808	33 22.8 3067	54 12.3 2869	66 12.2 2805	116 0.8 3141
15	15 29.5 2820	31 53.9 3107	52 39.3 2885	64 37.8 2820	114 33.5 3158
18	17 3.6 2832	30 25.9 3152	51 6.7 2902	63 3.8 2835	113 6.5 3174
21	18 37.3 2845	28 58.8 3201	49 34.5 2918	61 30.1 2851	111 39.9 3191
14 UT	+Markab	+Aldebaran	–Jupiter	–Regulus	–Sun
0	97 50.3 3048	20 10.8 2857	48 2.5 2934	59 56.8 2865	110 13.5 3205
3	99 19.5 3063	21 44.0 2870	46 31.0 2950	58 23.7 2880	108 47.5 3221
6	100 48.4 3079	23 17.0 2882	44 59.7 2965	56 51.0 2894	107 21.8 3235
9	102 17.0 3095	24 49.7 2895	43 28.8 2981	55 18.6 2908	105 56.3 3250
12	103 45.3 3110	26 22.1 2907	41 58.2 2996	53 46.4 2922	104 31.2 3264
15	105 13.2 3126	27 54.2 2919	40 27.9 3011	52 14.6 2935	103 6.3 3277
18	106 40.8 3141	29 26.1 2930	38 57.9 3026	50 43.1 2948	101 41.7 3290
21	108 8.2 3156	30 57.8 2941	37 28.2 3041	49 11.8 2961	100 17.3 3303
15 UT	+Markab	+Aldebaran	–Jupiter	–Regulus	–Sun
0	109 35.2 3172	32 29.2 2953	35 58.9 3056	47 40.7 2973	98 53.2 3315
3	111 1.9 3187	34 0.4 2963	34 29.8 3071	46 10.0 2985	97 29.3 3327
6	112 28.3 3202	35 31.4 2973	33 1.1 3086	44 39.5 2997	96 5.6 3338
9	113 54.4 3218	37 2.2 2982	31 32.6 3101	43 9.2 3008	94 42.2 3349
12	115 20.2 3233	38 32.7 2991	30 4.5 3118	41 39.2 3019	93 19.0 3359
15	116 45.7 3248	40 3.1 3000	28 36.7 3133	40 9.4 3030	91 55.9 3368
18	118 10.9 3264	41 33.3 3009	27 9.3 3152	38 39.8 3041	90 33.0 3378
21	119 35.7 3280	43 3.4 3016	25 42.1 3169	37 10.4 3051	89 10.4 3387

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16 UT	+Aldebaran	–Jupiter	–Regulus	–Alphard	–Sun
0	44 33.2 3024	24 15.4 3189	35 41.3 3062	35 56.5 3770	87 47.9 3395
3	46 2.9 3030	22 49.0 3211	34 12.3 3072	34 41.0 3836	86 25.5 3403
6	47 32.5 3037	21 23.1 3236	32 43.6 3082	33 26.6 3910	85 3.3 3410
9	49 1.9 3043	19 57.7 3264	31 15.1 3092	32 13.4 3991	83 41.2 3416
12	50 31.3 3048	18 32.8 3298	29 46.8 3103	31 1.6 4083	82 19.2 3423
15	52 0.5 3053	17 8.6 3339	28 18.7 3114	29 51.3 4188	80 57.4 3429
18	53 29.6 3058	15 45.2 3390	26 50.9 3125	28 42.7 4307	79 35.7 3434
21	54 58.6 3062	14 22.7 3457	25 23.2 3138	27 36.0 4444	78 14.0 3438
17 UT	+Aldebaran	+Betelgeuse	+Pollux	–Regulus	–Sun
0	56 27.5 3066	38 37.3 3272	17 42.9 4314	23 55.8 3150	76 52.5 3442
3	57 56.4 3068	40 2.0 3263	18 49.6 4139	22 28.7 3165	75 31.0 3445
6	59 25.2 3071	41 27.0 3255	19 59.0 3999	21 1.9 3182	74 9.6 3449
9	60 53.9 3074	42 52.0 3247	21 10.6 3884	19 35.4 3202	72 48.2 3451
12	62 22.6 3075	44 17.2 3239	22 24.2 3790	18 9.3 3226	71 26.9 3453
15	63 51.2 3077	45 42.6 3233	23 39.4 3712	16 43.6 3256	70 5.7 3455
18	65 19.8 3078	47 8.1 3226	24 56.0 3645	15 18.6 3294	68 44.4 3455
21	66 48.5 3077	48 33.7 3220	26 13.7 3589	13 54.3 3345	67 23.2 3456
18 UT	+Betelgeuse	+Sirius	+Pollux	+Procyon	–Sun
0	49 59.5 3214	46 42.3 5020	27 32.5 3541	24 56.5 3526	66 2.0 3456
3	51 25.3 3207	47 39.0 4927	28 52.1 3498	26 16.4 3481	64 40.8 3455
6	52 51.3 3202	48 36.9 4842	30 12.6 3462	27 37.2 3442	63 19.6 3455
9	54 17.4 3196	49 35.9 4762	31 33.7 3429	28 58.7 3407	61 58.3 3453
12	55 43.7 3190	50 36.0 4689	32 55.4 3400	30 20.8 3377	60 37.1 3451
15	57 10.0 3184	51 37.1 4620	34 17.7 3374	31 43.5 3351	59 15.7 3449
18	58 36.5 3178	52 39.2 4557	35 40.4 3350	33 6.7 3327	57 54.4 3446
21	60 3.1 3171	53 42.3 4497	37 3.7 3328	34 30.4 3305	56 33.0 3443
19 UT	+Betelgeuse	+Pollux	+Procyon	+Jupiter	–Sun
0	61 29.8 3165	38 27.3 3308	35 54.5 3285	12 31.1 3484	55 11.5 3439
3	62 56.6 3158	39 51.3 3289	37 18.9 3266	13 51.8 3411	53 50.0 3435
6	64 23.6 3152	41 15.7 3272	38 43.8 3249	15 13.9 3354	52 28.4 3431
9	65 50.7 3145	42 40.4 3255	40 8.9 3233	16 37.0 3310	51 6.7 3426
12	67 17.9 3138	44 5.5 3240	41 34.4 3218	18 1.0 3274	49 45.0 3421
15	68 45.3 3131	45 30.9 3225	43 0.2 3203	19 25.7 3245	48 23.1 3415
18	70 12.8 3124	46 56.5 3210	44 26.3 3189	20 50.9 3219	47 1.1 3409
21	71 40.5 3117	48 22.5 3197	45 52.7 3176	22 16.7 3198	45 39.0 3404
20 UT	+Pollux	+Procyon	+Jupiter	+Regulus	–Sun
0	49 48.7 3183	47 19.3 3162	23 42.9 3177	12 49.4 3276	44 16.8 3396
3	51 15.1 3171	48 46.2 3150	25 9.5 3161	14 14.0 3223	42 54.5 3390
6	52 41.9 3157	50 13.4 3137	26 36.4 3144	15 39.7 3180	41 32.0 3382
9	54 8.9 3144	51 40.8 3124	28 3.7 3129	17 6.2 3146	40 9.4 3374
12	55 36.1 3132	53 8.4 3113	29 31.3 3115	18 33.4 3118	38 46.7 3368
15	57 3.6 3120	54 36.3 3101	30 59.1 3101	20 1.2 3094	37 23.8 3360
18	58 31.4 3108	56 4.4 3089	32 27.2 3088	21 29.5 3072	36 0.8 3351
21	59 59.3 3096	57 32.8 3077	33 55.6 3075	22 58.2 3053	34 37.5 3343

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21 UT	+Pollux	+Procyon	+Jupiter	+Regulus	–Sun
0	61 27.6 3085	59 1.4 3067	35 24.3 3063	24 27.3 3037	33 14.2 3334
3	62 56.0 3073	60 30.2 3055	36 53.2 3051	25 56.8 3020	31 50.7 3325
6	64 24.7 3062	61 59.3 3043	38 22.3 3039	27 26.6 3005	30 27.0 3316
9	65 53.7 3050	63 28.6 3032	39 51.7 3028	28 56.7 2991	29 3.1 3307
12	67 22.8 3039	64 58.2 3021	41 21.4 3016	30 27.1 2977	27 39.0 3297
15	68 52.2 3027	66 27.9 3010	42 51.2 3005	31 57.7 2964	26 14.8 3288
18	70 21.9 3016	67 57.9 2999	44 21.4 2993	33 28.7 2951	24 50.4 3278
21	71 51.7 3005	69 28.2 2988	45 51.7 2982	34 59.9 2939	23 25.8 3270
22 UT	+Pollux	+Procyon	+Jupiter	+Regulus	–Sun
0	73 21.8 2994	70 58.6 2977	47 22.3 2971	36 31.4 2927	22 1.0 3260
3	74 52.2 2983	72 29.3 2966	48 53.1 2960	38 3.1 2915	20 36.1 3250
6	76 22.7 2972	74 0.2 2955	50 24.1 2949	39 35.1 2903	19 10.9 3241
9	77 53.5 2961	75 31.4 2944	51 55.4 2938	41 7.3 2892	17 45.6 3231
12	79 24.5 2950	77 2.8 2933	53 26.9 2926	42 39.8 2880	16 20.0 3222
15	80 55.8 2940	78 34.3 2923	54 58.7 2916	44 12.5 2869	14 54.3 3214
18	82 27.2 2930	80 6.2 2912	56 30.6 2905	45 45.5 2858	13 28.5 3206
21	83 58.9 2919	81 38.2 2902	58 2.8 2893	47 18.7 2847	12 2.4 3198
25 UT	+Sun	–Sabik	–Kaus Aust.	–Nunki	–Altair
0	13 2.5 3014	34 3.6 2673	52 22.3 2951	58 29.6 2728	78 7.9 3078
3	14 32.4 3003	32 26.3 2666	50 51.1 2956	56 53.5 2722	76 39.3 3074
6	16 2.6 2992	30 48.9 2659	49 20.0 2962	55 17.4 2716	75 10.6 3072
9	17 32.9 2980	29 11.3 2652	47 49.0 2970	53 41.1 2710	73 41.9 3070
12	19 3.6 2970	27 33.6 2645	46 18.1 2980	52 4.6 2705	72 13.1 3069
15	20 34.4 2960	25 55.7 2640	44 47.5 2993	50 28.1 2700	70 44.4 3070
18	22 5.4 2950	24 17.7 2635	43 17.2 3008	48 51.4 2696	69 15.6 3071
21	23 36.7 2940	22 39.6 2630	41 47.1 3026	47 14.7 2692	67 46.9 3074
26 UT	+Sun	–Sabik	–Mars	–Nunki	–Altair
0	25 8.2 2930	21 1.4 2627	32 34.7 2941	45 37.9 2689	66 18.2 3078
3	26 39.8 2921	19 23.1 2626	31 3.3 2943	44 1.0 2687	64 49.6 3082
6	28 11.7 2912	17 44.8 2628	29 31.9 2945	42 24.0 2686	63 21.1 3090
9	29 43.8 2902	16 6.5 2632	28 0.6 2950	40 47.1 2686	61 52.7 3098
12	31 16.0 2894	14 28.3 2642	26 29.3 2958	39 10.1 2687	60 24.5 3108
15	32 48.4 2885	12 50.4 2659	24 58.2 2969	37 33.2 2689	58 56.5 3120
18	34 21.1 2876	11 12.8 2690	23 27.4 2984	35 56.3 2693	57 28.8 3133
21	35 53.9 2868	9 35.9 2745	21 56.8 3005	34 19.5 2699	56 1.3 3149
27 UT	+Sun	–Mars	–Nunki	–Enif	–Fomalhaut
0	37 26.9 2859	20 26.7 3033	32 42.8 2708	80 26.5 2754	85 17.4 2949
3	39 0.0 2851	18 57.2 3072	31 6.3 2720	78 51.1 2749	83 46.1 2944
6	40 33.4 2843	17 28.5 3123	29 30.1 2734	77 15.5 2744	82 14.7 2939
9	42 6.9 2835	16 0.8 3194	27 54.2 2753	75 39.8 2741	80 43.3 2936
12	43 40.6 2827	14 34.6 3295	26 18.7 2778	74 4.1 2738	79 11.7 2934
15	45 14.5 2819	13 10.3 3437	24 43.8 2810	72 28.3 2735	77 40.1 2932
18	46 48.5 2811	11 48.7 3648	23 9.5 2851	70 52.4 2733	76 8.5 2932
21	48 22.7 2804	10 31.0 3971	21 36.2 2904	69 16.4 2732	74 36.9 2932

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Sun	–Al na'ir	–Enif	–Fomalhaut	–Markab
0	49 57.1 2796	61 51.9 3901	67 40.5 2731	73 5.3 2934	87 52.4 2661
3	51 31.6 2789	60 38.6 3943	66 4.5 2731	71 33.7 2936	86 14.9 2655
6	53 6.3 2781	59 26.0 3991	64 28.6 2732	70 2.1 2939	84 37.2 2649
9	54 41.2 2774	58 14.2 4043	62 52.6 2734	68 30.6 2944	82 59.4 2644
12	56 16.2 2766	57 3.3 4101	61 16.7 2737	66 59.3 2950	81 21.5 2639
15	57 51.4 2759	55 53.3 4165	59 40.9 2741	65 28.0 2958	79 43.5 2634
18	59 26.8 2752	54 44.3 4236	58 5.2 2747	63 57.0 2967	78 5.4 2631
21	61 2.3 2745	53 36.4 4313	56 29.5 2753	62 26.1 2978	76 27.2 2627
29 UT	+Sun	–Enif	–Fomalhaut	–Markab	–Diphda
0	62 37.9 2738	54 54.1 2761	60 55.4 2990	74 48.9 2624	86 59.6 2747
3	64 13.7 2731	53 18.7 2770	59 25.0 3005	73 10.5 2621	85 24.0 2742
6	65 49.7 2725	51 43.7 2782	57 54.9 3022	71 32.1 2620	83 48.3 2738
9	67 25.8 2718	50 8.8 2796	56 25.1 3041	69 53.6 2618	82 12.5 2734
12	69 2.0 2711	48 34.3 2812	54 55.8 3063	68 15.2 2618	80 36.6 2732
15	70 38.4 2705	47 0.1 2830	53 26.9 3088	66 36.6 2618	79 0.6 2730
18	72 15.0 2698	45 26.3 2852	51 58.5 3116	64 58.1 2618	77 24.6 2728
21	73 51.7 2691	43 52.9 2877	50 30.7 3148	63 19.6 2619	75 48.6 2727
30 UT	+Sun	+Shaula	+Mars	+Nunki	–Markab
0	75 28.5 2685	32 58.0 3232	20 24.1 2828	12 44.4 3567	61 41.2 2622
3	77 5.5 2679	34 23.5 3151	21 57.9 2791	14 3.6 3298	60 2.8 2625
6	78 42.7 2672	35 50.6 3080	23 32.6 2761	15 27.8 3104	58 24.4 2630
9	80 19.9 2666	37 19.1 3018	25 7.9 2735	16 55.9 2961	56 46.2 2635
12	81 57.3 2660	38 49.0 2963	26 43.8 2713	18 26.9 2851	55 8.1 2643
15	83 34.9 2654	40 19.9 2914	28 20.2 2692	20 0.2 2766	53 30.2 2651
18	85 12.6 2647	41 51.9 2869	29 57.0 2674	21 35.4 2698	51 52.4 2661
21	86 50.4 2642	43 24.9 2830	31 34.2 2659	23 12.1 2643	50 14.9 2673
31 UT	+Sun	+Kaus Aust.	+Mars	+Nunki	–Markab
0	88 28.4 2636	34 30.4 2890	33 11.8 2645	24 50.1 2597	48 37.6 2687
3	90 6.4 2630	36 2.9 2838	34 49.7 2632	26 29.0 2559	47 0.7 2703
6	91 44.7 2625	37 36.6 2792	36 27.9 2620	28 8.9 2527	45 24.1 2723
9	93 23.0 2619	39 11.2 2751	38 6.3 2609	29 49.5 2499	43 47.9 2745
12	95 1.5 2614	40 46.7 2715	39 45.0 2599	31 30.7 2475	42 12.3 2772
15	96 40.1 2609	42 23.0 2682	41 23.9 2589	33 12.5 2453	40 37.2 2802
18	98 18.8 2604	44 0.1 2653	43 3.1 2580	34 54.8 2435	39 2.8 2838
21	99 57.6 2598	45 37.8 2626	44 42.5 2571	36 37.6 2418	37 29.2 2880