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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Fomalhaut	–Aldebaran	–Mars	–Elnath	–Venus
0	57 21.0 2574	44 16.5 2325	48 54.4 2378	55 53.6 2159	111 29.9 2138
3	59 0.5 2563	42 31.1 2341	47 10.3 2385	54 4.1 2163	109 39.9 2141
6	60 40.2 2554	40 46.1 2360	45 26.4 2393	52 14.8 2169	107 50.0 2147
9	62 20.2 2547	39 1.6 2381	43 42.7 2402	50 25.5 2174	106 0.2 2152
12	64 0.3 2542	37 17.6 2406	41 59.2 2412	48 36.4 2180	104 10.5 2158
15	65 40.5 2538	35 34.2 2433	40 15.9 2422	46 47.5 2186	102 21.0 2164
18	67 20.9 2535	33 51.4 2464	38 32.8 2433	44 58.7 2193	100 31.7 2172
21	69 1.3 2534	32 9.3 2499	36 50.1 2445	43 10.1 2200	98 42.5 2179
2 UT	+Fomalhaut	–Mars	–Elnath	–Venus	–Sun
0	70 41.7 2534	35 7.6 2459	41 21.6 2207	96 53.6 2187	117 54.2 2507
3	72 22.1 2535	33 25.4 2474	39 33.4 2215	95 4.8 2195	116 13.2 2515
6	74 2.5 2537	31 43.6 2490	37 45.3 2222	93 16.2 2203	114 32.3 2523
9	75 42.9 2540	30 2.1 2508	35 57.4 2231	91 27.8 2213	112 51.6 2532
12	77 23.2 2544	28 21.1 2527	34 9.7 2239	89 39.7 2222	111 11.2 2541
15	79 3.3 2548	26 40.5 2549	32 22.3 2247	87 51.8 2231	109 30.9 2550
18	80 43.4 2554	25 0.4 2576	30 35.0 2256	86 4.1 2241	107 50.9 2559
21	82 23.4 2560	23 21.0 2605	28 47.9 2265	84 16.7 2251	106 11.0 2569
3 UT	+Hamal	–Elnath	–Pollux	–Venus	–Sun
0	18 15.1 2458	27 1.1 2274	57 27.1 2282	82 29.5 2262	104 31.4 2578
3	19 57.3 2437	25 14.4 2283	55 40.6 2291	80 42.6 2272	102 52.0 2588
6	21 39.9 2424	23 28.0 2292	53 54.5 2301	78 56.0 2283	101 12.8 2598
9	23 22.9 2416	21 41.9 2302	52 8.5 2311	77 9.6 2295	99 33.9 2608
12	25 6.1 2411	19 55.9 2311	50 22.8 2321	75 23.5 2306	97 55.1 2618
15	26 49.4 2409	18 10.2 2320	48 37.3 2331	73 37.6 2318	96 16.7 2628
18	28 32.8 2409	16 24.7 2330	46 52.1 2341	71 52.1 2330	94 38.4 2639
21	30 16.1 2411	14 39.5 2340	45 7.1 2352	70 6.8 2342	93 0.4 2649
4 UT	+Hamal	–Pollux	–Procyon	–Venus	–Sun
0	31 59.4 2414	43 22.4 2362	50 24.0 2810	68 21.9 2354	91 22.6 2660
3	33 42.6 2418	41 37.9 2373	48 49.8 2845	66 37.2 2367	89 45.0 2671
6	35 25.8 2423	39 53.7 2384	47 16.3 2883	64 52.9 2380	88 7.7 2681
9	37 8.8 2429	38 9.7 2395	45 43.6 2924	63 8.8 2393	86 30.6 2691
12	38 51.7 2435	36 26.0 2406	44 11.9 2969	61 25.1 2406	84 53.8 2702
15	40 34.4 2442	34 42.6 2418	42 41.0 3019	59 41.7 2420	83 17.2 2713
18	42 17.0 2449	32 59.5 2430	41 11.2 3073	57 58.6 2434	81 40.8 2724
21	43 59.4 2456	31 16.6 2442	39 42.5 3133	56 15.8 2448	80 4.7 2734
5 UT	+Hamal	+Mars	–Pollux	–Venus	–Sun
0	45 41.6 2464	8 18.6 3863	29 34.0 2454	54 33.4 2462	78 28.8 2745
3	47 23.7 2472	9 32.5 3508	27 51.8 2467	52 51.3 2477	76 53.1 2756
6	49 5.5 2480	10 52.8 3288	26 9.8 2481	51 9.6 2492	75 17.7 2766
9	50 47.2 2489	12 17.2 3146	24 28.1 2495	49 28.2 2508	73 42.5 2777
12	52 28.7 2497	13 44.4 3051	22 46.8 2511	47 47.1 2524	72 7.5 2787
15	54 10.0 2505	15 13.6 2986	21 5.8 2528	46 6.5 2541	70 32.8 2798
18	55 51.1 2514	16 44.0 2940	19 25.3 2547	44 26.2 2559	68 58.3 2809
21	57 32.0 2523	18 15.5 2907	17 45.2 2569	42 46.4 2577	67 24.0 2819

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6 UT	+Aldebaran	+Mars	+Elnath	–Venus	–Sun
0	29 8.2 2833	19 47.6 2885	14 34.4 2507	41 6.9 2596	65 50.0 2830
3	30 41.9 2812	21 20.3 2869	16 15.4 2516	39 27.9 2616	64 16.2 2840
6	32 16.1 2795	22 53.2 2858	17 56.2 2526	37 49.4 2637	62 42.6 2851
9	33 50.7 2782	24 26.4 2851	19 36.8 2535	36 11.3 2660	61 9.2 2861
12	35 25.5 2772	25 59.8 2846	21 17.2 2545	34 33.8 2685	59 36.1 2871
15	37 0.6 2764	27 33.2 2845	22 57.4 2554	32 56.8 2712	58 3.1 2881
18	38 35.8 2759	29 6.7 2844	24 37.4 2563	31 20.4 2741	56 30.4 2891
21	40 11.1 2755	30 40.2 2846	26 17.1 2573	29 44.6 2773	54 57.9 2902
7 UT	+Aldebaran	+Mars	+Elnath	–Venus	–Sun
0	41 46.6 2753	32 13.7 2847	27 56.6 2582	28 9.6 2810	53 25.7 2911
3	43 22.1 2752	33 47.1 2851	29 35.9 2591	26 35.4 2851	51 53.6 2921
6	44 57.6 2752	35 20.5 2855	31 15.1 2600	25 2.0 2899	50 21.7 2932
9	46 33.0 2754	36 53.7 2859	32 53.9 2609	23 29.7 2954	48 50.1 2941
12	48 8.5 2755	38 26.9 2865	34 32.6 2619	21 58.5 3021	47 18.7 2951
15	49 43.9 2758	39 60.0 2871	36 11.1 2628	20 28.7 3101	45 47.5 2961
18	51 19.3 2761	41 32.9 2876	37 49.4 2637	19 0.6 3200	44 16.4 2971
21	52 54.6 2765	43 5.7 2883	39 27.5 2646	17 34.5 3326	42 45.6 2981
8 UT	+Aldebaran	+Mars	+Elnath	+Pollux	–Sun
0	54 29.8 2769	44 38.3 2889	41 5.3 2654	11 7.0 2801	41 15.0 2990
3	56 5.0 2773	46 10.9 2896	42 43.0 2663	12 41.4 2777	39 44.6 3001
6	57 40.0 2779	47 43.3 2904	44 20.5 2673	14 16.4 2764	38 14.4 3010
9	59 14.9 2784	49 15.5 2910	45 57.8 2681	15 51.6 2756	36 44.5 3019
12	60 49.7 2790	50 47.6 2918	47 34.8 2690	17 27.1 2752	35 14.7 3030
15	62 24.4 2795	52 19.5 2925	49 11.7 2699	19 2.6 2752	33 45.1 3039
18	63 59.0 2802	53 51.3 2933	50 48.4 2707	20 38.1 2753	32 15.7 3049
21	65 33.4 2808	55 22.9 2940	52 24.9 2716	22 13.6 2756	30 46.5 3059
9 UT	+Aldebaran	+Mars	+Elnath	+Pollux	–Sun
0	67 7.7 2815	56 54.3 2948	54 1.2 2725	23 49.0 2760	29 17.5 3068
3	68 41.8 2821	58 25.6 2956	55 37.3 2733	25 24.3 2764	27 48.7 3078
6	70 15.8 2828	59 56.8 2964	57 13.2 2742	26 59.5 2770	26 20.1 3088
9	71 49.7 2835	61 27.7 2972	58 48.9 2751	28 34.6 2776	24 51.7 3098
12	73 23.4 2843	62 58.5 2980	60 24.5 2760	30 9.6 2782	23 23.5 3108
15	74 56.9 2850	64 29.1 2987	61 59.8 2768	31 44.5 2789	21 55.5 3117
18	76 30.3 2857	65 59.6 2996	63 34.9 2777	33 19.2 2796	20 27.7 3128
21	78 3.5 2865	67 29.9 3004	65 9.9 2785	34 53.7 2803	19 0.1 3138
13 UT	+Sun	–Antares	–Jupiter	–Shaula	–Kaus Aust.
0	16 38.7 3353	63 28.2 2982	65 42.3 3046	78 7.8 3035	88 25.6 3009
3	18 1.8 3360	61 57.6 2989	64 13.1 3053	76 38.3 3043	86 55.6 3016
6	19 24.9 3366	60 27.2 2996	62 44.0 3061	75 9.0 3050	85 25.7 3023
9	20 47.8 3371	58 56.9 3002	61 15.0 3068	73 39.8 3057	83 56.0 3029
12	22 10.6 3378	57 26.7 3008	59 46.2 3075	72 10.8 3065	82 26.4 3035
15	23 33.3 3384	55 56.7 3014	58 17.6 3082	70 41.9 3071	80 56.9 3042
18	24 55.8 3390	54 26.8 3020	56 49.1 3090	69 13.2 3079	79 27.6 3048
21	26 18.3 3397	52 57.0 3026	55 20.7 3096	67 44.6 3085	77 58.3 3054

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14 UT	+Sun	–Antares	–Jupiter	–Shaula	–Kaus Aust.
0	27 40.6 3401	51 27.3 3031	53 52.5 3103	66 16.1 3092	76 29.3 3059
3	29 2.9 3407	49 57.8 3036	52 24.4 3110	64 47.8 3099	75 0.3 3065
6	30 25.0 3412	48 28.3 3041	50 56.4 3116	63 19.7 3106	73 31.4 3070
9	31 47.0 3417	46 59.0 3046	49 28.6 3123	61 51.6 3112	72 2.7 3075
12	33 9.0 3422	45 29.7 3050	48 0.9 3129	60 23.7 3119	70 34.0 3081
15	34 30.8 3426	44 0.5 3055	46 33.3 3135	58 56.0 3125	69 5.5 3086
18	35 52.6 3431	42 31.5 3059	45 5.9 3142	57 28.3 3132	67 37.0 3090
21	37 14.3 3435	41 2.5 3062	43 38.6 3148	56 0.8 3138	66 8.7 3095
15 UT	+Sun	–Antares	–Jupiter	–Shaula	–Kaus Aust.
0	38 35.9 3438	39 33.5 3066	42 11.4 3154	54 33.4 3144	64 40.4 3099
3	39 57.4 3442	38 4.7 3069	40 44.4 3160	53 6.2 3150	63 12.2 3103
6	41 18.9 3445	36 35.9 3072	39 17.4 3166	51 39.0 3156	61 44.2 3106
9	42 40.3 3447	35 7.2 3075	37 50.6 3173	50 12.0 3163	60 16.1 3110
12	44 1.7 3450	33 38.5 3077	36 23.9 3179	48 45.1 3169	58 48.2 3114
15	45 23.0 3451	32 9.9 3078	34 57.4 3185	47 18.4 3175	57 20.3 3117
18	46 44.3 3454	30 41.3 3080	33 30.9 3193	45 51.7 3182	55 52.5 3120
21	48 5.6 3454	29 12.8 3081	32 4.6 3200	44 25.2 3189	54 24.8 3122
16 UT	+Sun	–Antares	–Jupiter	–Kaus Aust.	–Nunki
0	49 26.8 3455	27 44.2 3082	30 38.5 3208	52 57.0 3125	60 17.9 3081
3	50 48.0 3456	26 15.7 3083	29 12.5 3217	51 29.4 3127	58 49.4 3082
6	52 9.2 3456	24 47.2 3083	27 46.7 3226	50 1.8 3129	57 20.9 3082
9	53 30.5 3456	23 18.7 3083	26 21.1 3238	48 34.2 3131	55 52.4 3082
12	54 51.7 3455	21 50.2 3082	24 55.7 3249	47 6.7 3133	54 23.8 3081
15	56 12.9 3454	20 21.7 3082	23 30.5 3265	45 39.2 3134	52 55.3 3080
18	57 34.2 3452	18 53.2 3081	22 5.6 3282	44 11.8 3136	51 26.7 3079
21	58 55.5 3450	17 24.7 3080	20 41.1 3304	42 44.3 3137	49 58.2 3077
17 UT	+Sun	–Jupiter	–Shaula	–Kaus Aust.	–Nunki
0	60 16.8 3448	19 17.0 3331	31 33.8 3275	41 17.0 3139	48 29.5 3074
3	61 38.1 3445	17 53.4 3366	30 9.1 3291	39 49.6 3140	47 0.9 3072
6	62 59.6 3441	16 30.5 3410	28 44.8 3310	38 22.2 3142	45 32.1 3069
9	64 21.1 3437	15 8.4 3469	27 20.8 3332	36 54.9 3143	44 3.4 3065
12	65 42.6 3433	13 47.5 3549	25 57.2 3358	35 27.7 3145	42 34.5 3061
15	67 4.3 3428	12 28.0 3662	24 34.1 3389	34 0.4 3148	41 5.5 3057
18	68 26.0 3423	11 10.5 3825	23 11.7 3427	32 33.2 3150	39 36.5 3052
21	69 47.8 3417	9 55.9 4072	21 49.9 3474	31 6.1 3154	38 7.4 3047
18 UT	+Sun	+Zubenelgen	–Kaus Aust.	–Nunki	–Fomalhaut
0	71 9.8 3411	21 19.4 3170	29 39.0 3159	36 38.1 3041	86 25.1 3333
3	72 31.9 3404	22 46.1 3149	28 12.1 3165	35 8.8 3034	85 1.5 3328
6	73 54.0 3396	24 13.3 3130	26 45.2 3172	33 39.3 3028	83 37.9 3323
9	75 16.4 3389	25 40.8 3112	25 18.5 3182	32 9.6 3021	82 14.2 3318
12	76 38.9 3381	27 8.7 3095	23 52.0 3195	30 39.9 3014	80 50.3 3313
15	78 1.5 3372	28 37.0 3079	22 25.8 3211	29 10.0 3005	79 26.4 3308
18	79 24.3 3363	30 5.6 3064	20 59.9 3234	27 39.9 2997	78 2.4 3303
21	80 47.3 3353	31 34.4 3050	19 34.4 3263	26 9.6 2988	76 38.2 3298

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19 UT	+Sun	+Zubenelgen	+Antares	+Jupiter	–Nunki
0	82 10.4 3342	33 3.6 3035	7 57.3 2989	7 35.6 4444	24 39.2 2979
3	83 33.8 3332	34 33.1 3021	9 27.7 2976	8 40.3 4015	23 8.5 2970
6	84 57.4 3321	36 2.9 3007	10 58.4 2964	9 51.7 3741	21 37.7 2960
9	86 21.2 3309	37 32.9 2992	12 29.4 2951	11 7.8 3555	20 6.6 2949
12	87 45.2 3297	39 3.3 2978	14 0.6 2939	12 27.2 3423	18 35.4 2939
15	89 9.4 3285	40 33.9 2964	15 32.1 2926	13 49.0 3325	17 3.9 2928
18	90 33.9 3271	42 4.9 2950	17 3.8 2914	15 12.7 3250	15 32.2 2918
21	91 58.6 3257	43 36.1 2935	18 35.8 2900	16 37.9 3188	14 0.3 2906
20 UT	+Sun	+Zubenelgen	+Antares	+Jupiter	–Fomalhaut
0	93 23.6 3244	45 7.7 2920	20 8.1 2887	18 4.2 3138	63 56.8 3258
3	94 48.9 3229	46 39.6 2905	21 40.7 2873	19 31.6 3095	62 31.8 3255
6	96 14.5 3215	48 11.8 2890	23 13.6 2860	20 59.9 3058	61 6.8 3253
9	97 40.3 3199	49 44.3 2874	24 46.7 2845	22 28.9 3025	59 41.7 3252
12	99 6.5 3183	51 17.2 2858	26 20.2 2831	23 58.6 2994	58 16.6 3251
15	100 33.0 3168	52 50.4 2842	27 54.0 2816	25 28.9 2967	56 51.4 3252
18	101 59.8 3151	54 23.9 2826	29 28.1 2800	26 59.8 2940	55 26.3 3253
21	103 26.9 3135	55 57.8 2809	31 2.6 2785	28 31.2 2915	54 1.2 3256
21 UT	+Sun	+Antares	+Jupiter	+Shaula	–Markab
0	104 54.3 3117	32 37.3 2769	30 3.2 2891	20 3.2 3214	73 39.7 3003
3	106 22.1 3100	34 12.5 2752	31 35.7 2868	21 29.1 3139	72 9.5 2991
6	107 50.3 3083	35 48.0 2736	33 8.7 2845	22 56.5 3075	70 39.1 2979
9	109 18.8 3064	37 23.8 2719	34 42.2 2824	24 25.2 3018	69 8.5 2967
12	110 47.7 3046	39 0.1 2702	36 16.1 2802	25 55.0 2968	67 37.6 2956
15	112 16.9 3027	40 36.7 2685	37 50.5 2781	27 25.8 2924	66 6.5 2945
18	113 46.6 3008	42 13.7 2667	39 25.4 2759	28 57.6 2883	64 35.1 2935
21	115 16.6 2990	43 51.1 2649	41 0.8 2739	30 30.3 2845	63 3.6 2925
22 UT	+Antares	+Jupiter	+Shaula	+Nunki	–Hamal
0	45 28.9 2631	42 36.6 2717	32 3.8 2810	12 56.2 2639	102 43.5 2651
3	47 7.1 2613	44 12.8 2697	33 38.0 2777	14 34.3 2619	101 5.7 2633
6	48 45.7 2595	45 49.5 2676	35 13.0 2746	16 12.7 2600	99 27.6 2614
9	50 24.7 2576	47 26.7 2656	36 48.6 2717	17 51.7 2580	97 49.0 2595
12	52 4.1 2558	49 4.4 2635	38 24.9 2688	19 31.0 2561	96 10.0 2577
15	53 44.0 2539	50 42.5 2615	40 1.8 2661	21 10.8 2542	94 30.5 2558
18	55 24.3 2521	52 21.0 2595	41 39.3 2635	22 51.0 2523	92 50.7 2540
21	57 5.0 2502	54 0.1 2575	43 17.5 2609	24 31.7 2504	91 10.4 2521
23 UT	+Antares	+Jupiter	+Kaus Aust.	+Nunki	–Hamal
0	58 46.2 2483	55 39.5 2555	34 21.1 2566	26 12.8 2485	89 29.6 2502
3	60 27.8 2465	57 19.5 2535	36 0.8 2542	27 54.4 2467	87 48.5 2484
6	62 9.8 2446	58 59.9 2515	37 41.0 2517	29 36.4 2448	86 6.9 2465
9	63 52.3 2428	60 40.7 2495	39 21.8 2493	31 18.8 2429	84 24.9 2447
12	65 35.2 2410	62 22.0 2477	41 3.2 2471	33 1.7 2410	82 42.4 2429
15	67 18.5 2391	64 3.8 2457	42 45.1 2449	34 45.0 2392	80 59.5 2410
18	69 2.3 2373	65 46.0 2438	44 27.5 2427	36 28.8 2374	79 16.2 2392
21	70 46.5 2355	67 28.7 2420	46 10.4 2406	38 13.0 2356	77 32.5 2375

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24 UT	+Antares	+Jupiter	+Kaus Aust.	+Nunki	–Hamal
0	72 31.2 2337	69 11.8 2401	47 53.9 2385	39 57.6 2338	75 48.3 2357
3	74 16.2 2319	70 55.3 2383	49 37.8 2365	41 42.7 2320	74 3.7 2340
6	76 1.8 2302	72 39.3 2365	51 22.2 2346	43 28.2 2303	72 18.7 2324
9	77 47.7 2285	74 23.7 2348	53 7.0 2327	45 14.1 2285	70 33.3 2306
12	79 34.0 2268	76 8.5 2331	54 52.4 2309	47 0.4 2269	68 47.5 2291
15	81 20.8 2252	77 53.7 2314	56 38.1 2290	48 47.1 2253	67 1.3 2275
18	83 7.9 2236	79 39.4 2298	58 24.4 2273	50 34.3 2236	65 14.7 2259
21	84 55.5 2221	81 25.4 2282	60 11.0 2256	52 21.8 2221	63 27.7 2245
25 UT	+Jupiter	+Kaus Aust.	+Nunki	–Hamal	–Aldebaran
0	83 11.8 2266	61 58.1 2239	54 9.7 2205	61 40.4 2230	93 17.8 2281
3	84 58.6 2251	63 45.5 2224	55 58.0 2191	59 52.7 2216	91 31.4 2266
6	86 45.8 2237	65 33.4 2209	57 46.7 2176	58 4.6 2204	89 44.6 2252
9	88 33.3 2223	67 21.6 2194	59 35.8 2163	56 16.3 2191	87 57.4 2239
12	90 21.2 2210	69 10.2 2180	61 25.1 2149	54 27.6 2179	86 9.9 2226
15	92 9.4 2197	70 59.2 2167	63 14.9 2137	52 38.6 2168	84 22.1 2213
18	93 57.9 2184	72 48.4 2154	65 4.9 2124	50 49.3 2157	82 34.0 2201
21	95 46.8 2173	74 38.1 2142	66 55.3 2113	48 59.8 2147	80 45.6 2191
26 UT	+Jupiter	+Nunki	–Hamal	–Aldebaran	–Mars
0	97 35.9 2163	68 45.9 2102	47 10.0 2139	78 56.9 2181	97 28.5 2260
3	99 25.3 2152	70 36.8 2092	45 20.0 2131	77 8.0 2172	95 41.6 2249
6	101 14.9 2143	72 28.0 2082	43 29.8 2123	75 18.8 2163	93 54.4 2238
9	103 4.8 2134	74 19.5 2072	41 39.5 2118	73 29.5 2156	92 6.9 2229
12	104 54.9 2126	76 11.1 2064	39 48.9 2113	71 39.9 2149	90 19.1 2220
15	106 45.2 2119	78 3.0 2056	37 58.3 2109	69 50.2 2143	88 31.2 2211
18	108 35.7 2112	79 55.1 2049	36 7.6 2107	68 0.3 2138	86 43.0 2204
21	110 26.4 2106	81 47.4 2043	34 16.8 2107	66 10.3 2135	84 54.7 2197
27 UT	+Jupiter	–Aldebaran	–Capella	–Elnath	–Mars
0	112 17.2 2101	64 20.2 2132	76 6.0 2266	76 31.5 2037	83 6.1 2191
3	114 8.2 2097	62 30.1 2130	74 19.2 2265	74 38.9 2032	81 17.5 2186
6	115 59.2 2093	60 39.8 2130	72 32.4 2266	72 46.2 2028	79 28.7 2181
9	117 50.4 2091	58 49.6 2130	70 45.5 2268	70 53.4 2024	77 39.7 2178
12	119 41.6 2089	56 59.4 2132	68 58.8 2271	69 0.4 2021	75 50.7 2175
15	121 32.8 2088	55 9.3 2135	67 12.1 2276	67 7.4 2019	74 1.7 2173
18	123 24.1 2087	53 19.2 2139	65 25.5 2282	65 14.3 2017	72 12.5 2171
21	125 15.4 2089	51 29.2 2146	63 39.1 2291	63 21.2 2017	70 23.3 2171
28 UT	+Fomalhaut	–Aldebaran	–Elnath	–Mars	–Venus
0	52 18.8 2492	49 39.4 2153	61 28.1 2017	68 34.2 2171	121 58.7 2213
3	54 0.2 2471	47 49.8 2162	59 35.0 2018	66 45.0 2172	120 10.6 2214
6	55 42.1 2453	46 0.4 2173	57 41.9 2019	64 55.8 2174	118 22.5 2215
9	57 24.4 2437	44 11.3 2186	55 48.9 2022	63 6.7 2177	116 34.4 2217
12	59 7.1 2424	42 22.5 2202	53 55.9 2025	61 17.7 2180	114 46.4 2220
15	60 50.1 2413	40 34.1 2219	52 3.0 2028	59 28.7 2184	112 58.4 2223
18	62 33.4 2404	38 46.1 2239	50 10.1 2032	57 39.9 2189	111 10.6 2228
21	64 16.9 2398	36 58.6 2263	48 17.4 2037	55 51.2 2195	109 22.8 2233

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29 UT	+Fomalhaut	–Elnath	–Mars	–Pollux	–Venus
0	66 0.5 2393	46 24.8 2043	54 2.6 2201	76 49.0 2049	107 35.2 2238
3	67 44.2 2390	44 32.4 2049	52 14.2 2209	74 56.8 2056	105 47.7 2246
6	69 28.0 2388	42 40.1 2055	50 25.9 2216	73 4.6 2063	104 0.4 2252
9	71 11.9 2388	40 48.0 2063	48 37.9 2225	71 12.7 2070	102 13.2 2261
12	72 55.7 2389	38 56.0 2071	46 50.1 2234	69 21.0 2078	100 26.3 2268
15	74 39.6 2393	37 4.3 2079	45 2.5 2245	67 29.4 2087	98 39.5 2278
18	76 23.3 2396	35 12.8 2088	43 15.2 2256	65 38.1 2096	96 53.0 2288
21	78 6.9 2402	33 21.5 2098	41 28.1 2268	63 47.0 2105	95 6.7 2297
30 UT	+Hamal	–Elnath	–Mars	–Pollux	–Venus
0	14 3.1 2420	31 30.5 2108	39 41.3 2281	61 56.2 2116	93 20.7 2309
3	15 46.2 2367	29 39.7 2118	37 54.9 2295	60 5.6 2126	91 34.9 2320
6	17 30.5 2331	27 49.2 2129	36 8.8 2309	58 15.3 2138	89 49.4 2331
9	19 15.7 2309	25 59.0 2140	34 23.0 2325	56 25.3 2149	88 4.2 2344
12	21 1.5 2294	24 9.0 2152	32 37.6 2341	54 35.6 2161	86 19.3 2357
15	22 47.6 2286	22 19.4 2164	30 52.7 2359	52 46.1 2174	84 34.7 2369
18	24 33.9 2283	20 30.0 2177	29 8.1 2379	50 57.0 2187	82 50.4 2383
21	26 20.3 2282	18 41.0 2189	27 24.0 2400	49 8.3 2200	81 6.4 2397