

JANUARY 2011

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Gienah	+Saturn	+Spica	+Venus	–Sun
0	49 3.7 2590	42 53.9 2585	35 13.1 2507	8 34.1 4672	41 2.9 2831
3	50 42.9 2592	44 33.1 2588	36 54.2 2513	9 35.5 4155	39 29.1 2840
6	52 21.9 2596	46 12.3 2591	38 35.1 2520	10 44.6 3825	37 55.5 2848
9	54 0.9 2599	47 51.4 2594	40 15.8 2526	11 59.2 3606	36 22.1 2855
12	55 39.9 2603	49 30.4 2598	41 56.5 2532	13 17.7 3455	34 48.8 2864
15	57 18.7 2608	51 9.4 2603	43 36.9 2539	14 38.9 3349	33 15.7 2872
18	58 57.4 2613	52 48.2 2609	45 17.2 2547	16 2.2 3272	31 42.8 2881
21	60 36.1 2619	54 26.9 2614	46 57.3 2554	17 26.9 3216	30 10.1 2889
2 UT	+Saturn	+Spica	+Zubenelgen	+Venus	–Sun
0	56 5.5 2619	48 37.3 2561	27 29.5 2605	18 52.7 3174	28 37.6 2899
3	57 44.0 2626	50 17.1 2569	29 8.3 2608	20 19.4 3144	27 5.2 2908
6	59 22.3 2632	51 56.7 2577	30 47.1 2612	21 46.6 3121	25 33.1 2917
9	61 0.5 2639	53 36.1 2585	32 25.7 2617	23 14.4 3104	24 1.2 2927
12	62 38.5 2646	55 15.4 2593	34 4.2 2621	24 42.4 3092	22 29.4 2936
15	64 16.3 2653	56 54.5 2601	35 42.6 2627	26 10.8 3083	20 57.9 2946
18	65 54.1 2661	58 33.3 2610	37 20.9 2634	27 39.2 3078	19 26.6 2957
21	67 31.6 2669	60 12.0 2619	38 59.1 2640	29 7.8 3075	17 55.5 2968
5 UT	+Sun	–Markab	–Jupiter	–Alpheratz	–Hamal
0	7 28.6 3173	63 10.3 2950	65 36.2 2861	82 52.1 3067	105 41.7 2800
3	8 55.3 3175	61 39.0 2966	64 3.1 2873	81 23.3 3081	104 7.3 2810
6	10 21.9 3181	60 8.1 2982	62 30.2 2884	79 54.7 3094	102 33.0 2820
9	11 48.4 3188	58 37.5 2999	60 57.5 2897	78 26.4 3108	100 59.0 2830
12	13 14.8 3196	57 7.3 3016	59 25.2 2908	76 58.5 3121	99 25.2 2840
15	14 41.0 3206	55 37.4 3034	57 53.0 2920	75 30.7 3136	97 51.6 2850
18	16 7.1 3215	54 7.9 3052	56 21.1 2932	74 3.3 3151	96 18.2 2860
21	17 32.9 3226	52 38.8 3071	54 49.5 2944	72 36.2 3167	94 45.1 2870
6 UT	+Sun	–Markab	–Jupiter	–Alpheratz	–Hamal
0	18 58.5 3236	51 10.1 3091	53 18.1 2956	71 9.4 3183	93 12.2 2881
3	20 24.0 3246	49 41.8 3112	51 47.0 2968	69 42.9 3200	91 39.4 2891
6	21 49.2 3257	48 13.9 3135	50 16.1 2980	68 16.8 3217	90 6.9 2901
9	23 14.3 3266	46 46.4 3158	48 45.5 2992	66 51.0 3234	88 34.6 2910
12	24 39.1 3277	45 19.4 3182	47 15.1 3005	65 25.5 3253	87 2.6 2920
15	26 3.7 3287	43 52.9 3208	45 45.0 3018	64 0.4 3272	85 30.7 2930
18	27 28.2 3297	42 26.9 3236	44 15.2 3031	62 35.7 3292	83 59.0 2940
21	28 52.4 3307	41 1.5 3265	42 45.6 3044	61 11.3 3312	82 27.6 2949
7 UT	+Sun	–Jupiter	–Hamal	–Menkar	–Aldebaran
0	30 16.5 3317	41 16.3 3057	80 56.3 2959	88 55.7 3119	113 46.3 2981
3	31 40.3 3326	39 47.3 3070	79 25.2 2968	87 27.9 3129	112 15.7 2989
6	33 4.0 3336	38 18.5 3085	77 54.3 2977	86 0.4 3138	110 45.2 2997
9	34 27.5 3345	36 50.1 3098	76 23.7 2985	84 33.0 3148	109 15.0 3004
12	35 50.8 3355	35 21.9 3114	74 53.2 2995	83 5.8 3157	107 44.8 3012
15	37 13.9 3363	33 54.0 3129	73 22.8 3003	81 38.8 3167	106 14.9 3020
18	38 36.9 3372	32 26.5 3145	71 52.7 3011	80 12.0 3177	104 45.1 3027
21	39 59.7 3381	30 59.2 3163	70 22.7 3020	78 45.4 3187	103 15.5 3035

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8 UT	+Sun	–Jupiter	–Hamal	–Menkar	–Aldebaran
0	41 22.3 3388	29 32.3 3181	68 53.0 3028	77 19.0 3196	101 46.0 3042
3	42 44.8 3397	28 5.8 3201	67 23.3 3036	75 52.8 3206	100 16.6 3049
6	44 7.2 3403	26 39.7 3222	65 53.9 3043	74 26.8 3216	98 47.5 3055
9	45 29.4 3411	25 14.0 3246	64 24.5 3050	73 0.9 3225	97 18.4 3061
12	46 51.4 3418	23 48.7 3274	62 55.4 3058	71 35.3 3236	95 49.4 3068
15	48 13.3 3424	22 24.0 3304	61 26.4 3064	70 9.8 3245	94 20.6 3073
18	49 35.2 3430	20 59.9 3341	59 57.5 3071	68 44.6 3255	92 51.9 3079
21	50 56.9 3436	19 36.6 3384	58 28.7 3077	67 19.5 3265	91 23.4 3084
9 UT	+Sun	–Jupiter	–Hamal	–Aldebaran	–Elnath
0	52 18.4 3442	18 14.0 3436	57 0.1 3083	89 54.9 3089	101 40.0 3066
3	53 39.9 3446	16 52.4 3501	55 31.6 3089	88 26.5 3094	100 11.1 3070
6	55 1.3 3451	15 32.0 3584	54 3.2 3094	86 58.2 3098	98 42.4 3074
9	56 22.6 3455	14 13.2 3692	52 34.9 3099	85 30.1 3102	97 13.7 3078
12	57 43.8 3459	12 56.3 3839	51 6.8 3104	84 1.9 3105	95 45.1 3081
15	59 5.0 3462	11 41.9 4044	49 38.7 3109	82 33.9 3108	94 16.6 3084
18	60 26.1 3466	10 31.0 4339	48 10.7 3113	81 5.9 3112	92 48.1 3087
21	61 47.1 3467	9 24.7 4785	46 42.8 3117	79 38.0 3114	91 19.7 3089
10 UT	+Sun	–Hamal	–Aldebaran	–Capella	–Elnath
0	63 8.1 3469	45 15.0 3121	78 10.2 3116	87 38.9 3401	89 51.3 3091
3	64 29.1 3471	43 47.3 3125	76 42.3 3118	86 16.7 3403	88 23.0 3092
6	65 50.0 3472	42 19.7 3129	75 14.6 3120	84 54.5 3406	86 54.7 3093
9	67 10.9 3472	40 52.1 3132	73 46.8 3121	83 32.3 3408	85 26.4 3093
12	68 31.8 3472	39 24.6 3135	72 19.1 3121	82 10.2 3410	83 58.1 3093
15	69 52.8 3472	37 57.1 3138	70 51.4 3122	80 48.2 3413	82 29.8 3093
18	71 13.7 3471	36 29.8 3142	69 23.7 3122	79 26.1 3415	81 1.5 3093
21	72 34.6 3469	35 2.4 3145	67 55.9 3121	78 4.2 3417	79 33.2 3091
11 UT	+Sun	+Jupiter	–Aldebaran	–Elnath	–Betelgeuse
0	73 55.6 3467	8 59.8 4497	66 28.2 3120	78 4.9 3089	86 20.8 3254
3	75 16.6 3464	10 3.7 4151	65 0.5 3119	76 36.5 3087	84 55.8 3253
6	76 37.6 3462	11 12.9 3915	63 32.7 3117	75 8.1 3084	83 30.7 3251
9	77 58.7 3457	12 25.9 3748	62 4.9 3115	73 39.7 3081	82 5.5 3249
12	79 19.9 3454	13 41.9 3627	60 37.0 3112	72 11.1 3078	80 40.3 3247
15	80 41.2 3448	14 60.0 3534	59 9.1 3109	70 42.5 3073	79 15.1 3244
18	82 2.5 3443	16 19.7 3462	57 41.2 3106	69 13.8 3069	77 49.8 3241
21	83 24.0 3438	17 40.8 3406	56 13.1 3103	67 45.0 3064	76 24.5 3238
12 UT	+Sun	+Jupiter	–Aldebaran	–Elnath	–Betelgeuse
0	84 45.6 3431	19 3.0 3358	54 45.1 3099	66 16.1 3058	74 59.1 3235
3	86 7.2 3424	20 26.0 3318	53 16.9 3095	64 47.1 3052	73 33.7 3232
6	87 29.0 3417	21 49.9 3285	51 48.6 3091	63 18.0 3046	72 8.1 3228
9	88 51.0 3409	23 14.3 3255	50 20.3 3086	61 48.8 3039	70 42.6 3225
12	90 13.1 3400	24 39.4 3229	48 51.9 3081	60 19.4 3032	69 16.9 3221
15	91 35.3 3391	26 5.0 3205	47 23.3 3076	58 49.8 3024	67 51.2 3217
18	92 57.8 3382	27 31.0 3183	45 54.7 3071	57 20.1 3016	66 25.4 3213
21	94 20.4 3372	28 57.5 3163	44 26.0 3066	55 50.2 3007	64 59.5 3209

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13 UT	+Sun	+Jupiter	–Aldebaran	–Elnath	–Betelgeuse
0	95 43.2 3362	30 24.4 3143	42 57.1 3061	54 20.2 2999	63 33.5 3205
3	97 6.2 3350	31 51.7 3124	41 28.2 3055	52 50.0 2989	62 7.5 3201
6	98 29.4 3339	33 19.3 3106	39 59.1 3051	51 19.5 2980	60 41.4 3198
9	99 52.8 3327	34 47.4 3089	38 29.9 3046	49 48.9 2969	59 15.2 3195
12	101 16.5 3314	36 15.8 3071	37 0.7 3042	48 18.1 2959	57 48.9 3192
15	102 40.4 3301	37 44.5 3054	35 31.4 3038	46 47.0 2948	56 22.6 3189
18	104 4.6 3288	39 13.6 3037	34 2.0 3036	45 15.7 2938	54 56.3 3187
21	105 29.0 3275	40 43.0 3020	32 32.5 3034	43 44.2 2926	53 29.9 3186
14 UT	+Sun	+Jupiter	–Elnath	–Pollux	–Procyon
0	106 53.6 3260	42 12.8 3003	42 12.5 2915	72 38.6 2938	77 20.5 3021
3	108 18.6 3246	43 43.0 2986	40 40.5 2904	71 7.1 2926	75 50.7 3009
6	109 43.9 3231	45 13.4 2970	39 8.2 2892	69 35.3 2913	74 20.7 2998
9	111 9.4 3215	46 44.3 2953	37 35.8 2880	68 3.3 2900	72 50.5 2986
12	112 35.2 3199	48 15.5 2935	36 3.0 2868	66 31.0 2886	71 20.0 2973
15	114 1.4 3183	49 47.0 2919	34 30.1 2857	64 58.4 2873	69 49.2 2962
18	115 27.9 3167	51 18.9 2901	32 56.8 2846	63 25.5 2860	68 18.2 2950
21	116 54.7 3150	52 51.2 2884	31 23.4 2834	61 52.4 2846	66 47.0 2938
15 UT	+Jupiter	+Hamal	–Elnath	–Pollux	–Procyon
0	54 23.9 2866	16 20.9 3027	29 49.7 2824	60 18.9 2832	65 15.5 2926
3	55 56.9 2849	17 50.6 2970	28 15.7 2814	58 45.2 2819	63 43.7 2915
6	57 30.3 2831	19 21.4 2922	26 41.6 2805	57 11.1 2805	62 11.7 2904
9	59 4.1 2813	20 53.2 2880	25 7.2 2798	55 36.8 2791	60 39.5 2893
12	60 38.3 2795	22 26.0 2842	23 32.7 2792	54 2.1 2777	59 7.0 2882
15	62 12.8 2777	23 59.5 2809	21 58.1 2788	52 27.2 2764	57 34.4 2871
18	63 47.8 2759	25 33.8 2778	20 23.4 2788	50 51.9 2751	56 1.4 2862
21	65 23.2 2740	27 8.7 2749	18 48.7 2793	49 16.4 2738	54 28.3 2853
16 UT	+Jupiter	+Hamal	–Pollux	–Procyon	–Regulus
0	66 58.9 2722	28 44.3 2722	47 40.6 2725	52 55.0 2844	84 15.0 2649
3	68 35.1 2704	30 20.4 2697	46 4.5 2713	51 21.5 2837	82 37.2 2632
6	70 11.6 2686	31 57.1 2672	44 28.1 2701	49 47.8 2830	80 59.1 2615
9	71 48.6 2668	33 34.4 2649	42 51.5 2690	48 14.0 2825	79 20.5 2598
12	73 26.0 2649	35 12.2 2626	41 14.6 2680	46 40.1 2822	77 41.5 2581
15	75 3.8 2631	36 50.5 2604	39 37.5 2671	45 6.1 2819	76 2.2 2563
18	76 42.0 2613	38 29.4 2582	38 0.2 2663	43 32.1 2819	74 22.4 2546
21	78 20.6 2595	40 8.7 2561	36 22.7 2657	41 58.0 2821	72 42.3 2529
17 UT	+Jupiter	+Hamal	–Pollux	–Procyon	–Regulus
0	79 59.6 2578	41 48.5 2541	34 45.1 2652	40 24.1 2826	71 1.7 2512
3	81 39.0 2560	43 28.7 2520	33 7.4 2650	38 50.2 2834	69 20.8 2495
6	83 18.8 2542	45 9.5 2501	31 29.6 2651	37 16.4 2846	67 39.5 2478
9	84 59.1 2525	46 50.7 2482	29 51.8 2654	35 43.0 2862	65 57.8 2462
12	86 39.7 2508	48 32.3 2462	28 14.1 2662	34 9.9 2884	64 15.7 2445
15	88 20.7 2491	50 14.4 2444	26 36.7 2676	32 37.2 2913	62 33.2 2429
18	90 2.1 2474	51 56.9 2426	24 59.5 2696	31 5.2 2950	60 50.3 2413
21	91 43.9 2458	53 39.9 2409	23 22.7 2726	29 34.0 2997	59 7.0 2398

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18 UT	+Jupiter	+Hamal	+Aldebaran	+Elnath	–Regulus
0	93 26.1 2442	55 23.2 2391	23 16.1 2592	11 13.4 2688	57 23.4 2383
3	95 8.7 2427	57 7.0 2374	24 55.2 2548	12 50.4 2595	55 39.4 2369
6	96 51.6 2411	58 51.2 2358	26 35.3 2510	14 29.4 2527	53 55.1 2354
9	98 34.9 2396	60 35.8 2342	28 16.3 2475	16 10.0 2474	52 10.5 2340
12	100 18.6 2382	62 20.7 2327	29 58.1 2444	17 51.8 2432	50 25.4 2327
15	102 2.6 2368	64 6.1 2311	31 40.6 2416	19 34.6 2396	48 40.1 2314
18	103 46.9 2355	65 51.8 2297	33 23.8 2391	21 18.2 2366	46 54.5 2302
21	105 31.6 2341	67 37.8 2283	35 7.6 2367	23 2.6 2340	45 8.6 2290
19 UT	+Jupiter	+Aldebaran	+Elnath	–Regulus	–Saturn
0	107 16.5 2329	36 51.9 2345	24 47.6 2317	43 22.3 2280	90 34.9 2287
3	109 1.8 2317	38 36.8 2325	26 33.2 2296	41 35.9 2270	88 48.6 2274
6	110 47.4 2306	40 22.2 2307	28 19.3 2277	39 49.1 2261	87 2.0 2262
9	112 33.2 2294	42 8.0 2289	30 5.8 2259	38 2.2 2252	85 15.1 2251
12	114 19.3 2285	43 54.2 2273	31 52.8 2243	36 15.1 2245	83 27.9 2240
15	116 5.7 2275	45 40.9 2258	33 40.2 2229	34 27.7 2239	81 40.5 2230
18	117 52.3 2266	47 27.9 2244	35 27.9 2215	32 40.3 2234	79 52.8 2220
21	119 39.1 2258	49 15.2 2231	37 16.0 2203	30 52.7 2231	78 4.8 2211
20 UT	+Aldebaran	+Elnath	–Regulus	–Saturn	–Spica
0	51 2.9 2219	39 4.4 2192	29 5.0 2230	76 16.6 2203	82 52.2 2165
3	52 50.9 2208	40 53.0 2181	27 17.3 2232	74 28.3 2196	81 2.9 2156
6	54 39.1 2198	42 41.9 2171	25 29.6 2235	72 39.7 2188	79 13.3 2149
9	56 27.7 2189	44 31.1 2163	23 42.1 2243	70 51.0 2182	77 23.6 2142
12	58 16.4 2180	46 20.5 2154	21 54.7 2254	69 2.1 2177	75 33.7 2135
15	60 5.3 2172	48 10.1 2147	20 7.6 2273	67 13.1 2172	73 43.6 2130
18	61 54.5 2165	49 59.9 2141	18 20.9 2299	65 23.9 2168	71 53.4 2125
21	63 43.8 2159	51 49.8 2135	16 35.0 2338	63 34.7 2165	70 3.0 2120
21 UT	+Aldebaran	+Elnath	–Saturn	–Spica	–Venus
0	65 33.3 2154	53 39.9 2130	61 45.3 2162	68 12.6 2116	118 33.9 2461
3	67 22.9 2149	55 30.1 2126	59 55.9 2161	66 22.0 2113	116 51.8 2457
6	69 12.6 2145	57 20.4 2122	58 6.5 2160	64 31.4 2110	115 9.6 2453
9	71 2.4 2142	59 10.8 2119	56 17.1 2160	62 40.6 2108	113 27.3 2450
12	72 52.3 2140	61 1.3 2117	54 27.6 2161	60 49.9 2107	111 44.9 2448
15	74 42.3 2138	62 51.9 2116	52 38.2 2163	58 59.1 2106	110 2.5 2447
18	76 32.3 2137	64 42.5 2114	50 48.8 2166	57 8.3 2106	108 20.0 2445
21	78 22.3 2137	66 33.1 2114	48 59.5 2170	55 17.4 2107	106 37.5 2446
22 UT	+Elnath	+Pollux	–Saturn	–Spica	–Venus
0	68 23.7 2115	38 41.8 2220	47 10.3 2175	53 26.6 2108	104 55.0 2446
3	70 14.3 2116	40 29.8 2213	45 21.3 2181	51 35.9 2110	103 12.6 2447
6	72 4.8 2118	42 17.9 2207	43 32.3 2188	49 45.1 2112	101 30.1 2449
9	73 55.4 2119	44 6.2 2203	41 43.6 2197	47 54.5 2115	99 47.7 2451
12	75 45.8 2123	45 54.5 2200	39 55.1 2207	46 3.9 2119	98 5.4 2455
15	77 36.2 2126	47 43.0 2198	38 6.8 2219	44 13.4 2123	96 23.1 2458
18	79 26.5 2130	49 31.5 2198	36 18.8 2232	42 23.0 2128	94 40.9 2463
21	81 16.8 2134	51 20.0 2198	34 31.2 2248	40 32.7 2133	92 58.8 2467

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23 UT	+Pollux	+Procyon	–Spica	–Antares	–Venus
0	53 8.5 2200	49 39.1 2346	38 42.6 2139	84 14.1 2130	91 16.8 2473
3	54 56.9 2202	51 24.0 2341	36 52.6 2146	82 23.9 2136	89 35.0 2479
6	56 45.3 2205	53 9.0 2337	35 2.8 2153	80 33.9 2142	87 53.3 2485
9	58 33.7 2209	54 54.1 2335	33 13.2 2162	78 43.9 2148	86 11.7 2492
12	60 21.9 2213	56 39.2 2334	31 23.8 2170	76 54.2 2155	84 30.3 2499
15	62 10.0 2218	58 24.4 2334	29 34.6 2180	75 4.6 2162	82 49.1 2507
18	63 58.0 2224	60 9.5 2335	27 45.6 2190	73 15.2 2170	81 8.1 2515
21	65 45.9 2230	61 54.6 2337	25 57.0 2202	71 26.0 2178	79 27.2 2524
24 UT	+Procyon	+Regulus	–Antares	–Venus	–Sun
0	63 39.7 2340	30 30.7 2240	69 37.0 2186	77 46.5 2533	123 27.7 2502
3	65 24.7 2344	32 18.2 2242	67 48.2 2195	76 6.1 2542	121 46.5 2511
6	67 9.6 2349	34 5.6 2247	65 59.6 2204	74 25.9 2552	120 5.6 2520
9	68 54.4 2355	35 52.9 2252	64 11.3 2213	72 45.9 2562	118 24.9 2530
12	70 39.1 2361	37 40.0 2258	62 23.2 2223	71 6.1 2572	116 44.3 2540
15	72 23.6 2368	39 27.1 2265	60 35.3 2233	69 26.6 2584	115 4.1 2550
18	74 7.9 2375	41 13.9 2272	58 47.7 2243	67 47.3 2594	113 24.0 2561
21	75 52.1 2383	43 0.6 2280	57 0.3 2253	66 8.2 2605	111 44.2 2572
25 UT	+Procyon	+Regulus	–Antares	–Venus	–Sun
0	77 36.1 2391	44 47.1 2288	55 13.2 2264	64 29.5 2616	110 4.7 2583
3	79 19.8 2400	46 33.3 2297	53 26.3 2275	62 50.9 2629	108 25.4 2594
6	81 3.4 2410	48 19.4 2306	51 39.7 2286	61 12.7 2640	106 46.3 2606
9	82 46.7 2419	50 5.2 2315	49 53.4 2297	59 34.7 2653	105 7.6 2617
12	84 29.8 2429	51 50.9 2324	48 7.3 2308	57 57.0 2664	103 29.0 2629
15	86 12.7 2440	53 36.2 2335	46 21.5 2319	56 19.5 2677	101 50.8 2641
18	87 55.3 2450	55 21.4 2344	44 36.0 2331	54 42.3 2689	100 12.8 2652
21	89 37.7 2462	57 6.3 2355	42 50.8 2343	53 5.4 2702	98 35.1 2665
26 UT	+Regulus	+Spica	–Antares	–Venus	–Sun
0	58 50.9 2365	5 21.1 2859	41 5.8 2355	51 28.8 2715	96 57.6 2676
3	60 35.3 2376	6 54.3 2664	39 21.2 2367	49 52.5 2728	95 20.4 2689
6	62 19.5 2386	8 31.7 2571	37 36.8 2379	48 16.5 2740	93 43.5 2701
9	64 3.4 2397	10 11.3 2523	35 52.7 2391	46 40.7 2753	92 6.9 2713
12	65 47.0 2408	11 52.0 2498	34 8.9 2404	45 5.2 2767	90 30.5 2725
15	67 30.4 2418	13 33.2 2485	32 25.5 2416	43 30.0 2780	88 54.4 2737
18	69 13.6 2429	15 14.8 2479	30 42.3 2429	41 55.2 2793	87 18.6 2750
21	70 56.4 2440	16 56.5 2478	28 59.4 2443	40 20.6 2807	85 43.1 2762
27 UT	+Saturn	+Spica	–Antares	–Venus	–Sun
0	26 8.8 2624	18 38.2 2480	27 16.9 2456	38 46.2 2820	84 7.8 2774
3	27 47.2 2615	20 19.9 2485	25 34.6 2470	37 12.2 2834	82 32.7 2786
6	29 25.8 2608	22 1.4 2490	23 52.7 2485	35 38.5 2848	80 58.0 2798
9	31 4.5 2605	23 42.9 2497	22 11.1 2501	34 5.1 2863	79 23.5 2811
12	32 43.3 2604	25 24.2 2504	20 29.9 2517	32 32.0 2876	77 49.3 2822
15	34 22.1 2604	27 5.3 2512	18 49.1 2535	30 59.2 2891	76 15.3 2834
18	36 0.9 2606	28 46.2 2521	17 8.7 2556	29 26.7 2906	74 41.6 2846
21	37 39.7 2609	30 26.9 2529	15 28.8 2581	27 54.5 2922	73 8.1 2858

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Gienah	+Saturn	+Spica	-Venus	-Sun
0	46 3.3 2631	39 18.4 2612	32 7.5 2538	26 22.7 2937	71 34.9 2869
3	47 41.5 2636	40 57.0 2617	33 47.8 2548	24 51.2 2955	70 2.0 2881
6	49 19.6 2642	42 35.5 2621	35 27.9 2557	23 20.0 2972	68 29.3 2892
9	50 57.6 2647	44 14.0 2627	37 7.8 2566	21 49.3 2992	66 56.8 2904
12	52 35.4 2653	45 52.3 2633	38 47.5 2575	20 18.9 3013	65 24.6 2916
15	54 13.1 2660	47 30.4 2640	40 27.0 2585	18 48.9 3036	63 52.6 2927
18	55 50.7 2667	49 8.4 2646	42 6.2 2594	17 19.5 3063	62 20.9 2938
21	57 28.0 2673	50 46.3 2653	43 45.3 2603	15 50.6 3094	60 49.4 2949
29 UT	+Gienah	+Saturn	+Spica	+Zubenelgen	-Sun
0	59 5.3 2681	52 24.0 2660	45 24.1 2612	24 18.2 2666	59 18.1 2960
3	60 42.4 2688	54 1.5 2667	47 2.7 2622	25 55.6 2669	57 47.1 2971
6	62 19.3 2696	55 38.9 2675	48 41.1 2631	27 32.9 2673	56 16.2 2982
9	63 56.1 2703	57 16.1 2682	50 19.3 2640	29 10.2 2677	54 45.7 2993
12	65 32.6 2711	58 53.1 2690	51 57.3 2649	30 47.4 2683	53 15.3 3004
15	67 9.1 2718	60 30.0 2697	53 35.1 2658	32 24.4 2688	51 45.2 3014
18	68 45.3 2726	62 6.7 2706	55 12.7 2667	34 1.3 2695	50 15.3 3025
21	70 21.4 2734	63 43.3 2713	56 50.1 2676	35 38.1 2701	48 45.6 3036
30 UT	+Saturn	+Spica	+Zubenelgen	+Antares	-Sun
0	65 19.6 2721	58 27.3 2685	37 14.7 2708	13 3.7 2756	47 16.1 3046
3	66 55.8 2729	60 4.3 2694	38 51.2 2715	14 39.1 2750	45 46.9 3057
6	68 31.8 2736	61 41.1 2702	40 27.5 2722	16 14.6 2748	44 17.9 3067
9	70 7.7 2745	63 17.7 2711	42 3.7 2729	17 50.2 2748	42 49.0 3078
12	71 43.3 2753	64 54.1 2719	43 39.7 2736	19 25.8 2751	41 20.4 3089
15	73 18.8 2760	66 30.3 2728	45 15.6 2744	21 1.4 2754	39 52.1 3099
18	74 54.2 2768	68 6.3 2736	46 51.2 2751	22 36.8 2758	38 23.9 3109
21	76 29.3 2776	69 42.2 2745	48 26.8 2759	24 12.2 2764	36 55.9 3121
31 UT	+Saturn	+Spica	+Antares	+Venus	-Sun
0	78 4.3 2784	71 17.9 2753	25 47.4 2770	10 21.6 3374	35 28.2 3131
3	79 39.1 2792	72 53.3 2761	27 22.5 2776	11 44.4 3333	34 0.7 3142
6	81 13.7 2799	74 28.6 2769	28 57.5 2782	13 7.9 3307	32 33.4 3154
9	82 48.2 2808	76 3.7 2778	30 32.4 2789	14 32.0 3290	31 6.3 3165
12	84 22.5 2816	77 38.7 2786	32 7.0 2796	15 56.3 3280	29 39.5 3177
15	85 56.6 2823	79 13.4 2794	33 41.6 2802	17 20.9 3274	28 12.9 3189
18	87 30.5 2831	80 48.0 2802	35 16.0 2810	18 45.6 3272	26 46.5 3202
21	89 4.3 2839	82 22.4 2810	36 50.2 2817	20 10.3 3271	25 20.4 3214