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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Hamal	−Mars	−Pollux	−Venus	−Sun
0	28 6.8 2285	25 40.5 2424	47 19.8 2214	79 22.8 2411	121 33.1 2512
3	29 53.1 2289	23 57.5 2450	45 31.7 2228	77 39.5 2425	119 52.2 2526
6	31 39.3 2296	22 15.1 2479	43 43.9 2242	75 56.5 2440	118 11.6 2541
9	33 25.4 2303	20 33.4 2513	41 56.5 2257	74 13.9 2455	116 31.3 2556
12	35 11.3 2312	18 52.5 2553	40 9.5 2272	72 31.6 2470	114 51.4 2570
15	36 57.0 2321	17 12.5 2602	38 22.8 2287	70 49.7 2486	113 11.8 2585
18	38 42.5 2332	15 33.6 2664	36 36.5 2303	69 8.2 2502	111 32.5 2601
21	40 27.7 2343	13 56.2 2745	34 50.6 2319	67 27.0 2518	109 53.7 2616
2 UT	+Hamal	−Pollux	−Venus	−Alphard	−Sun
0	42 12.6 2355	33 5.1 2336	65 46.2 2534	71 13.0 2727	108 15.1 2632
3	43 57.3 2367	31 20.0 2353	64 5.8 2550	69 36.9 2752	106 36.9 2647
6	45 41.6 2379	29 35.3 2370	62 25.7 2566	68 1.4 2777	104 59.1 2663
9	47 25.7 2392	27 51.0 2388	60 46.1 2582	66 26.4 2803	103 21.6 2679
12	49 9.4 2405	26 7.1 2407	59 6.7 2599	64 52.1 2831	101 44.5 2695
15	50 52.9 2418	24 23.7 2427	57 27.8 2615	63 18.3 2860	100 7.7 2711
18	52 36.0 2431	22 40.8 2448	55 49.2 2632	61 45.1 2891	98 31.3 2727
21	54 18.9 2445	20 58.4 2470	54 11.1 2648	60 12.6 2922	96 55.3 2742
3 UT	+Hamal	+Aldebaran	+Elnath	−Venus	−Sun
0	56 1.4 2458	26 9.3 2828	11 21.5 2433	52 33.2 2665	95 19.6 2759
3	57 43.6 2472	27 43.1 2799	13 4.3 2447	50 55.8 2681	93 44.2 2774
6	59 25.4 2485	29 17.6 2778	14 46.7 2461	49 18.7 2698	92 9.2 2790
9	61 7.0 2499	30 52.5 2763	16 28.8 2476	47 42.0 2714	90 34.5 2806
12	62 48.2 2513	32 27.8 2751	18 10.6 2490	46 5.7 2730	89 0.2 2822
15	64 29.1 2526	34 3.3 2744	19 52.1 2504	44 29.7 2747	87 26.2 2838
18	66 9.7 2540	35 39.0 2739	21 33.2 2518	42 54.1 2764	85 52.6 2853
21	67 50.0 2554	37 14.8 2736	23 14.0 2532	41 18.8 2780	84 19.3 2868
4 UT	+Aldebaran	+Elnath	+Mars	−Venus	−Sun
0	38 50.6 2736	24 54.5 2546	15 54.1 2874	39 43.9 2796	82 46.3 2883
3	40 26.5 2737	26 34.6 2559	17 27.0 2857	38 9.4 2812	81 13.6 2898
6	42 2.3 2740	28 14.4 2573	19 0.2 2847	36 35.2 2829	79 41.3 2913
9	43 38.1 2743	29 54.0 2586	20 33.6 2842	35 1.4 2845	78 9.2 2928
12	45 13.7 2748	31 33.2 2600	22 7.2 2841	33 27.9 2862	76 37.5 2942
15	46 49.3 2754	33 12.1 2613	23 40.7 2842	31 54.8 2878	75 6.1 2956
18	48 24.8 2759	34 50.7 2626	25 14.3 2845	30 22.0 2894	73 35.0 2971
21	50 0.2 2765	36 29.0 2638	26 47.8 2850	28 49.6 2912	72 4.2 2984
5 UT	+Aldebaran	+Elnath	+Mars	−Venus	−Sun
0	51 35.4 2772	38 7.1 2651	28 21.1 2856	27 17.5 2929	70 33.6 2998
3	53 10.4 2780	39 44.8 2663	29 54.4 2862	25 45.8 2946	69 3.4 3012
6	54 45.3 2787	41 22.3 2675	31 27.5 2869	24 14.5 2964	67 33.5 3025
9	56 20.1 2795	42 59.5 2687	33 0.5 2878	22 43.6 2983	66 3.8 3039
12	57 54.6 2803	44 36.5 2698	34 33.2 2885	21 13.0 3003	64 34.4 3051
15	59 29.0 2811	46 13.2 2711	36 5.9 2894	19 42.9 3024	63 5.2 3064
18	61 3.2 2819	47 49.6 2722	37 38.3 2903	18 13.2 3048	61 36.3 3077
21	62 37.3 2828	49 25.8 2732	39 10.5 2911	16 44.0 3074	60 7.7 3089

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6 UT	+Aldebaran	+Elnath	+Mars	+Pollux	–Sun
0	64 11.1 2836	51 1.7 2743	40 42.6 2920	20 51.8 2790	58 39.3 3101
3	65 44.8 2844	52 37.4 2754	42 14.5 2928	22 26.5 2795	57 11.2 3113
6	67 18.3 2853	54 12.9 2765	43 46.2 2937	24 1.0 2801	55 43.3 3125
9	68 51.6 2860	55 48.1 2774	45 17.7 2945	25 35.5 2807	54 15.7 3136
12	70 24.8 2869	57 23.1 2785	46 49.1 2955	27 9.8 2814	52 48.3 3148
15	71 57.7 2877	58 57.9 2795	48 20.2 2963	28 43.9 2821	51 21.1 3159
18	73 30.5 2885	60 32.4 2804	49 51.2 2971	30 17.9 2828	49 54.2 3170
21	75 3.1 2894	62 6.8 2814	51 22.0 2980	31 51.8 2835	48 27.4 3181
7 UT	+Capella	+Elnath	+Mars	+Pollux	–Sun
0	66 6.9 3078	63 41.0 2823	52 52.7 2988	33 25.4 2843	47 0.9 3192
3	67 35.5 3082	65 14.9 2832	54 23.1 2996	34 59.0 2850	45 34.6 3202
6	69 4.0 3086	66 48.7 2841	55 53.4 3004	36 32.3 2858	44 8.5 3213
9	70 32.5 3089	68 22.3 2849	57 23.5 3012	38 5.5 2865	42 42.6 3224
12	72 0.8 3094	69 55.7 2858	58 53.5 3020	39 38.6 2873	41 17.0 3234
15	73 29.1 3098	71 28.9 2866	60 23.3 3027	41 11.5 2880	39 51.5 3244
18	74 57.3 3103	73 1.9 2874	61 52.9 3034	42 44.2 2887	38 26.2 3253
21	76 25.4 3108	74 34.7 2882	63 22.4 3042	44 16.8 2895	37 1.1 3264
8 UT	+Elnath	+Mars	+Pollux	+Venus	–Sun
0	76 7.4 2890	64 51.7 3049	45 49.2 2902	9 12.6 3397	35 36.2 3274
3	77 40.0 2898	66 20.9 3056	47 21.4 2909	10 34.9 3350	34 11.5 3284
6	79 12.3 2905	67 50.0 3063	48 53.6 2916	11 58.1 3322	32 47.0 3294
9	80 44.5 2912	69 18.9 3070	50 25.5 2922	13 21.9 3303	31 22.7 3304
12	82 16.6 2919	70 47.6 3076	51 57.4 2929	14 46.0 3292	29 58.6 3315
15	83 48.5 2926	72 16.3 3083	53 29.1 2936	16 10.3 3285	28 34.7 3325
18	85 20.2 2933	73 44.8 3089	55 0.6 2942	17 34.8 3282	27 11.0 3336
21	86 51.8 2939	75 13.1 3095	56 32.0 2948	18 59.4 3280	25 47.5 3347
9 UT	+Mars	+Pollux	+Procyon	+Venus	–Sun
0	76 41.4 3101	58 3.3 2954	56 10.9 3315	20 23.9 3281	24 24.3 3359
3	78 9.5 3108	59 34.5 2960	57 34.8 3310	21 48.5 3282	23 1.2 3372
6	79 37.5 3113	61 5.5 2967	58 58.7 3304	23 13.0 3284	21 38.4 3386
9	81 5.4 3119	62 36.4 2972	60 22.8 3300	24 37.5 3287	20 15.9 3400
12	82 33.1 3124	64 7.2 2978	61 47.0 3296	26 1.9 3291	18 53.6 3417
15	84 0.8 3130	65 37.9 2983	63 11.3 3293	27 26.3 3295	17 31.7 3436
18	85 28.3 3135	67 8.4 2989	64 35.6 3291	28 50.6 3298	16 10.1 3459
21	86 55.8 3140	68 38.8 2994	65 60.0 3289	30 14.8 3303	14 49.0 3487
12 UT	+Sun	–Antares	–Jupiter	–Shaula	–Kaus Aust.
0	9 29.8 3694	42 49.6 3059	49 10.9 3154	57 46.8 3133	67 55.4 3091
3	10 46.7 3640	41 20.6 3061	47 43.9 3158	56 19.3 3139	66 27.1 3095
6	12 4.5 3604	39 51.6 3064	46 16.9 3163	54 51.9 3144	64 58.9 3099
9	13 23.0 3577	38 22.7 3067	44 50.0 3168	53 24.7 3150	63 30.7 3102
12	14 42.0 3558	36 53.9 3069	43 23.2 3173	51 57.5 3156	62 2.6 3105
15	16 1.4 3543	35 25.1 3071	41 56.5 3177	50 30.5 3162	60 34.5 3109
18	17 21.0 3533	33 56.4 3073	40 29.9 3182	49 3.6 3168	59 6.6 3112
21	18 40.8 3524	32 27.7 3075	39 3.4 3187	47 36.8 3175	57 38.6 3115

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13 UT	+Sun	–Antares	–Jupiter	–Kaus Aust.	–Nunki
0	20 0.7 3517	30 59.0 3077	37 37.0 3192	56 10.8 3118	63 32.8 3076
3	21 20.8 3512	29 30.4 3078	36 10.7 3197	54 43.0 3120	62 4.1 3077
6	22 41.0 3507	28 1.8 3079	34 44.5 3203	53 15.3 3124	60 35.5 3079
9	24 1.2 3504	26 33.2 3080	33 18.4 3209	51 47.6 3127	59 6.9 3080
12	25 21.5 3500	25 4.7 3081	31 52.4 3215	50 20.0 3129	57 38.4 3080
15	26 41.9 3498	23 36.1 3082	30 26.6 3222	48 52.4 3132	56 9.8 3081
18	28 2.4 3495	22 7.6 3082	29 0.9 3230	47 24.9 3135	54 41.3 3081
21	29 22.9 3492	20 39.1 3082	27 35.3 3239	45 57.5 3138	53 12.8 3081
14 UT	+Sun	–Antares	–Jupiter	–Kaus Aust.	–Nunki
0	30 43.4 3490	19 10.6 3082	26 10.0 3248	44 30.1 3140	51 44.2 3081
3	32 4.0 3488	17 42.1 3082	24 44.8 3261	43 2.8 3144	50 15.7 3081
6	33 24.6 3484	16 13.6 3082	23 19.8 3274	41 35.5 3147	48 47.1 3080
9	34 45.3 3482	14 45.1 3082	21 55.1 3292	40 8.3 3150	47 18.6 3079
12	36 6.0 3479	13 16.6 3081	20 30.8 3311	38 41.2 3153	45 50.0 3077
15	37 26.8 3476	11 48.0 3081	19 6.8 3337	37 14.1 3157	44 21.4 3076
18	38 47.6 3473	10 19.5 3080	17 43.4 3369	35 47.1 3161	42 52.7 3074
21	40 8.5 3470	8 50.9 3081	16 20.5 3411	34 20.2 3166	41 24.1 3072
15 UT	+Sun	–Kaus Aust.	–Nunki	–Fomalhaut	–Enif
0	41 29.5 3466	32 53.3 3171	39 55.3 3069	89 32.3 3363	91 28.2 3408
3	42 50.5 3463	31 26.6 3178	38 26.6 3067	88 9.3 3361	90 6.1 3406
6	44 11.6 3458	30 0.0 3185	36 57.7 3063	86 46.3 3359	88 43.9 3402
9	45 32.8 3454	28 33.6 3194	35 28.8 3060	85 23.3 3357	87 21.7 3400
12	46 54.0 3449	27 7.3 3204	33 59.9 3056	84 0.2 3354	85 59.4 3397
15	48 15.4 3444	25 41.3 3217	32 30.8 3052	82 37.1 3353	84 37.1 3395
18	49 36.8 3439	24 15.5 3233	31 1.7 3048	81 13.9 3350	83 14.8 3393
21	50 58.3 3433	22 50.0 3253	29 32.5 3043	79 50.7 3348	81 52.4 3390
16 UT	+Sun	+Antares	–Kaus Aust.	–Nunki	–Fomalhaut
0	52 20.0 3427	4 33.0 3060	21 24.9 3277	28 3.2 3038	78 27.4 3347
3	53 41.8 3421	6 2.0 3046	20 0.3 3309	26 33.8 3033	77 4.2 3345
6	55 3.6 3413	7 31.3 3035	18 36.3 3350	25 4.3 3027	75 40.8 3343
9	56 25.6 3407	9 0.8 3026	17 13.0 3403	23 34.6 3020	74 17.5 3341
12	57 47.8 3399	10 30.4 3017	15 50.8 3475	22 4.8 3014	72 54.1 3340
15	59 10.1 3391	12 0.3 3009	14 30.0 3572	20 34.9 3008	71 30.7 3339
18	60 32.5 3383	13 30.3 3001	13 10.9 3708	19 4.9 3001	70 7.3 3338
21	61 55.1 3374	15 0.5 2992	11 54.3 3904	17 34.7 2993	68 43.8 3337
17 UT	+Sun	+Antares	+Jupiter	–Nunki	–Fomalhaut
0	63 17.8 3364	16 30.8 2984	10 53.3 3578	16 4.3 2986	67 20.3 3336
3	64 40.8 3355	18 1.4 2975	12 12.2 3455	14 33.8 2978	65 56.9 3337
6	66 3.9 3346	19 32.1 2966	13 33.5 3364	13 3.2 2970	64 33.4 3337
9	67 27.2 3334	21 3.0 2956	14 56.4 3294	11 32.4 2963	63 9.9 3337
12	68 50.7 3325	22 34.1 2946	16 20.7 3240	10 1.4 2956	61 46.4 3339
15	70 14.4 3313	24 5.5 2935	17 46.1 3194	8 30.3 2951	60 23.0 3341
18	71 38.4 3301	25 37.0 2925	19 12.3 3156	6 59.0 2949	58 59.6 3343
21	73 2.5 3289	27 8.8 2914	20 39.3 3123	5 27.8 2958	57 36.3 3347

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18 UT	+Sun	+Jupiter	+Shaula	–Fomalhaut	–Markab
0	74 26.9 3276	22 7.0 3093	16 42.1 3588	56 13.0 3351	77 21.0 3126
3	75 51.6 3265	23 35.3 3067	18 0.9 3472	54 49.8 3357	75 53.4 3117
6	77 16.4 3250	25 4.2 3042	19 21.8 3376	53 26.7 3364	74 25.6 3108
9	78 41.6 3237	26 33.5 3019	20 44.5 3297	52 3.7 3372	72 57.6 3100
12	80 7.0 3223	28 3.3 2997	22 8.8 3230	50 40.9 3382	71 29.4 3091
15	81 32.7 3208	29 33.6 2976	23 34.3 3172	49 18.3 3394	70 1.1 3082
18	82 58.7 3194	31 4.3 2956	25 1.0 3121	47 56.0 3409	68 32.6 3074
21	84 24.9 3177	32 35.4 2936	26 28.7 3076	46 33.8 3426	67 3.9 3065
19 UT	+Sun	+Jupiter	+Shaula	+Nunki	–Markab
0	85 51.5 3163	34 7.0 2916	27 57.4 3036	8 34.0 2807	65 35.0 3058
3	87 18.4 3146	35 38.9 2897	29 26.8 2998	10 8.3 2789	64 6.0 3050
6	88 45.6 3130	37 11.3 2878	30 57.1 2964	11 43.0 2772	62 36.9 3042
9	90 13.2 3113	38 44.1 2859	32 28.0 2932	13 18.1 2755	61 7.5 3035
12	91 41.1 3096	40 17.2 2840	33 59.7 2902	14 53.5 2738	59 38.1 3029
15	93 9.3 3078	41 50.8 2821	35 31.9 2873	16 29.3 2721	58 8.4 3023
18	94 37.9 3061	43 24.8 2801	37 4.8 2845	18 5.5 2704	56 38.7 3018
21	96 6.9 3043	44 59.3 2783	38 38.3 2819	19 42.1 2687	55 8.9 3014
20 UT	+Sun	+Jupiter	+Shaula	+Nunki	–Hamal
0	97 36.2 3024	46 34.1 2763	40 12.4 2793	21 19.0 2669	94 21.3 2687
3	99 5.9 3005	48 9.3 2744	41 47.0 2767	22 56.4 2652	92 44.4 2669
6	100 36.0 2987	49 45.0 2725	43 22.1 2743	24 34.1 2634	91 7.1 2652
9	102 6.4 2968	51 21.1 2706	44 57.8 2719	26 12.2 2616	89 29.3 2634
12	103 37.3 2949	52 57.7 2686	46 34.1 2696	27 50.8 2598	87 51.2 2616
15	105 8.6 2929	54 34.6 2666	48 10.8 2672	29 29.7 2579	86 12.7 2598
18	106 40.3 2910	56 12.0 2647	49 48.1 2650	31 9.1 2561	84 33.7 2580
21	108 12.4 2889	57 49.9 2627	51 25.9 2626	32 48.9 2542	82 54.4 2561
21 UT	+Sun	+Jupiter	+Kaus Aust.	+Nunki	–Hamal
0	109 44.9 2870	59 28.2 2607	42 31.0 2584	34 29.1 2524	81 14.6 2543
3	111 17.9 2850	61 6.9 2587	44 10.3 2561	36 9.8 2505	79 34.3 2524
6	112 51.2 2830	62 46.1 2568	45 50.1 2540	37 50.9 2486	77 53.7 2506
9	114 25.1 2810	64 25.8 2547	47 30.4 2517	39 32.4 2466	76 12.6 2487
12	115 59.3 2789	66 5.9 2527	49 11.2 2496	41 14.4 2447	74 31.1 2468
15	117 34.0 2769	67 46.5 2508	50 52.5 2474	42 56.9 2428	72 49.1 2449
18	119 9.1 2749	69 27.5 2488	52 34.3 2453	44 39.8 2409	71 6.7 2430
21	120 44.7 2729	71 9.0 2468	54 16.6 2432	46 23.1 2390	69 23.9 2412
22 UT	+Jupiter	+Shaula	+Kaus Aust.	+Nunki	–Hamal
0	72 50.9 2448	66 28.7 2433	55 59.4 2411	48 6.9 2370	67 40.6 2393
3	74 33.4 2429	68 11.4 2413	57 42.7 2391	49 51.2 2352	65 56.9 2375
6	76 16.2 2410	69 54.7 2392	59 26.5 2371	51 35.9 2333	64 12.7 2357
9	77 59.6 2391	71 38.5 2372	61 10.8 2351	53 21.1 2314	62 28.1 2339
12	79 43.4 2371	73 22.7 2353	62 55.5 2331	55 6.7 2296	60 43.1 2321
15	81 27.6 2353	75 7.4 2334	64 40.7 2312	56 52.8 2277	58 57.6 2304
18	83 12.3 2334	76 52.6 2315	66 26.4 2293	58 39.4 2259	57 11.8 2287
21	84 57.5 2316	78 38.2 2296	68 12.6 2274	60 26.3 2241	55 25.5 2271

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23 UT	+Jupiter	+Nunki	–Hamal	–Aldebaran	–Mars
0	86 43.1 2298	62 13.8 2224	53 38.8 2255	85 23.4 2298	114 22.1 2318
3	88 29.1 2281	64 1.6 2207	51 51.7 2239	83 37.4 2282	112 36.5 2300
6	90 15.5 2263	65 49.9 2189	50 4.2 2223	81 50.9 2265	110 50.6 2282
9	92 2.4 2247	67 38.6 2173	48 16.3 2209	80 4.1 2250	109 4.1 2264
12	93 49.7 2231	69 27.7 2157	46 28.1 2195	78 16.9 2235	107 17.3 2247
15	95 37.4 2214	71 17.3 2140	44 39.6 2182	76 29.3 2220	105 30.0 2231
18	97 25.4 2200	73 7.2 2126	42 50.6 2170	74 41.3 2206	103 42.3 2215
21	99 13.9 2185	74 57.5 2111	41 1.4 2158	72 53.0 2193	101 54.2 2199
24 UT	+Jupiter	–Hamal	–Aldebaran	–Elnath	–Mars
0	101 2.7 2171	39 11.9 2148	71 4.4 2180	83 23.4 2096	100 5.8 2184
3	102 51.9 2157	37 22.2 2139	69 15.5 2169	81 32.4 2083	98 16.9 2169
6	104 41.4 2144	35 32.2 2131	67 26.2 2158	79 41.0 2070	96 27.7 2155
9	106 31.3 2131	33 42.0 2125	65 36.7 2147	77 49.2 2057	94 38.1 2142
12	108 21.5 2120	31 51.7 2120	63 46.9 2139	75 57.1 2045	92 48.2 2129
15	110 11.9 2109	30 1.2 2118	61 56.9 2131	74 4.7 2034	90 58.0 2117
18	112 2.7 2099	28 10.7 2118	60 6.8 2124	72 12.1 2023	89 7.4 2106
21	113 53.7 2089	26 20.2 2122	58 16.4 2118	70 19.1 2013	87 16.6 2095
25 UT	+Fomalhaut	–Aldebaran	–Elnath	–Capella	–Mars
0	46 10.5 2594	56 25.9 2113	68 25.9 2004	68 25.9 2260	85 25.5 2086
3	47 49.5 2551	54 35.2 2110	66 32.4 1995	66 39.0 2259	83 34.2 2077
6	49 29.6 2513	52 44.5 2108	64 38.7 1987	64 52.0 2260	81 42.6 2068
9	51 10.5 2478	50 53.7 2108	62 44.8 1980	63 5.0 2262	79 50.8 2061
12	52 52.2 2448	49 3.0 2109	60 50.8 1974	61 18.1 2266	77 58.8 2054
15	54 34.6 2420	47 12.2 2112	58 56.5 1968	59 31.3 2272	76 6.7 2048
18	56 17.7 2396	45 21.5 2117	57 2.1 1964	57 44.6 2281	74 14.4 2043
21	58 1.4 2374	43 31.0 2124	55 7.6 1960	55 58.2 2292	72 22.0 2039
26 UT	+Fomalhaut	–Aldebaran	–Elnath	–Mars	–Pollux
0	59 45.6 2355	41 40.6 2134	53 13.0 1957	70 29.4 2035	83 36.8 1963
3	61 30.2 2339	39 50.5 2146	51 18.3 1955	68 36.8 2033	81 42.2 1962
6	63 15.3 2325	38 0.7 2162	49 23.6 1953	66 44.1 2032	79 47.7 1960
9	65 0.6 2313	36 11.3 2181	47 28.8 1952	64 51.3 2030	77 53.1 1959
12	66 46.3 2303	34 22.4 2205	45 34.0 1953	62 58.6 2031	75 58.4 1960
15	68 32.2 2295	32 34.1 2234	43 39.1 1954	61 5.8 2031	74 3.8 1961
18	70 18.3 2289	30 46.5 2269	41 44.4 1956	59 13.1 2033	72 9.2 1963
21	72 4.6 2284	28 59.7 2312	39 49.6 1958	57 20.4 2036	70 14.7 1966
27 UT	+Fomalhaut	–Elnath	–Mars	–Pollux	–Venus
0	73 51.0 2281	37 55.0 1962	55 27.8 2040	68 20.3 1969	121 59.0 2247
3	75 37.4 2280	36 0.4 1966	53 35.2 2044	66 25.9 1974	120 11.8 2252
6	77 23.9 2281	34 6.0 1971	51 42.8 2049	64 31.7 1979	118 24.6 2258
9	79 10.3 2282	32 11.7 1977	49 50.5 2055	62 37.6 1985	116 37.6 2265
12	80 56.7 2286	30 17.5 1984	47 58.4 2063	60 43.6 1993	114 50.8 2272
15	82 43.0 2291	28 23.5 1991	46 6.5 2070	58 49.9 2000	113 4.1 2280
18	84 29.2 2297	26 29.7 1999	44 14.7 2079	56 56.3 2008	111 17.6 2289
21	86 15.3 2304	24 36.1 2008	42 23.2 2088	55 3.0 2018	109 31.4 2299

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28 UT	+Hamal	–Elnath	–Mars	–Pollux	–Venus
0	22 27.0 2145	22 42.8 2018	40 31.9 2099	53 9.9 2028	107 45.4 2309
3	24 16.8 2138	20 49.7 2028	38 40.9 2110	51 17.0 2038	105 59.6 2320
6	26 6.8 2134	18 56.9 2039	36 50.2 2122	49 24.5 2050	104 14.1 2332
9	27 57.0 2135	17 4.3 2051	34 59.8 2135	47 32.2 2062	102 28.9 2345
12	29 47.0 2137	15 12.1 2063	33 9.7 2149	45 40.3 2075	100 44.0 2358
15	31 37.1 2142	13 20.2 2077	31 20.0 2164	43 48.6 2088	98 59.4 2372
18	33 27.0 2148	11 28.6 2092	29 30.6 2180	41 57.4 2103	97 15.2 2386
21	35 16.7 2156	9 37.4 2108	27 41.7 2197	40 6.5 2117	95 31.3 2401
29 UT	+Hamal	–Mars	–Pollux	–Saturn	–Venus
0	37 6.3 2166	25 53.1 2215	38 15.9 2133	81 15.4 2140	93 47.7 2416
3	38 55.6 2176	24 5.1 2236	36 25.8 2149	79 25.4 2154	92 4.6 2432
6	40 44.6 2188	22 17.5 2257	34 36.1 2167	77 35.8 2170	90 21.8 2448
9	42 33.4 2200	20 30.5 2282	32 46.8 2185	75 46.6 2185	88 39.3 2466
12	44 21.8 2213	18 44.1 2310	30 57.9 2203	73 57.8 2201	86 57.3 2483
15	46 9.9 2227	16 58.3 2342	29 9.6 2222	72 9.4 2217	85 15.7 2500
18	47 57.7 2241	15 13.4 2382	27 21.7 2243	70 21.3 2234	83 34.5 2519
21	49 45.1 2256	13 29.4 2432	25 34.3 2265	68 33.7 2251	81 53.8 2537
30 UT	+Hamal	–Regulus	–Saturn	–Venus	–Sun
0	51 32.2 2272	60 29.7 2240	66 46.5 2267	80 13.4 2555	126 32.0 2574
3	53 18.9 2287	58 42.2 2258	64 59.7 2285	78 33.5 2575	124 52.6 2592
6	55 5.1 2304	56 55.2 2275	63 13.4 2302	76 54.0 2594	123 13.5 2610
9	56 51.0 2320	55 8.6 2292	61 27.5 2320	75 15.0 2613	121 34.8 2628
12	58 36.5 2337	53 22.5 2310	59 42.0 2338	73 36.4 2633	119 56.5 2647
15	60 21.6 2353	51 36.7 2328	57 56.9 2356	71 58.2 2652	118 18.7 2666
18	62 6.3 2371	49 51.4 2346	56 12.3 2374	70 20.5 2673	116 41.3 2685
21	63 50.6 2388	48 6.6 2364	54 28.1 2392	68 43.2 2692	115 4.3 2704
31 UT	+Elnath	–Regulus	–Saturn	–Venus	–Sun
0	20 56.6 2383	46 22.1 2382	52 44.4 2410	67 6.4 2712	113 27.7 2723
3	22 40.6 2402	44 38.1 2400	51 1.0 2429	65 30.0 2732	111 51.6 2743
6	24 24.1 2419	42 54.6 2419	49 18.2 2447	63 54.0 2752	110 15.8 2762
9	26 7.2 2438	41 11.5 2437	47 35.7 2465	62 18.5 2773	108 40.6 2781
12	27 49.9 2455	39 28.8 2454	45 53.7 2484	60 43.5 2792	107 5.7 2800
15	29 32.2 2474	37 46.5 2472	44 12.1 2502	59 8.9 2812	105 31.2 2820
18	31 14.0 2491	36 4.6 2490	42 31.0 2520	57 34.7 2832	103 57.2 2839
21	32 55.4 2509	34 23.2 2508	40 50.2 2539	56 0.9 2852	102 23.6 2858