

APRIL 2013

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Spica	+Saturn	+Zubenelgen	–Nunki	–Sun
0	48 33.1 2234	32 13.5 2240	27 11.5 2235	30 40.7 2399	118 59.5 2552
3	50 20.7 2238	34 1.0 2241	28 59.1 2238	28 57.1 2422	117 19.4 2555
6	52 8.2 2241	35 48.4 2242	30 46.5 2242	27 14.0 2449	115 39.5 2558
9	53 55.6 2245	37 35.8 2245	32 34.0 2245	25 31.6 2482	113 59.7 2562
12	55 42.9 2249	39 23.2 2247	34 21.3 2249	23 50.0 2523	112 19.9 2566
15	57 30.2 2252	41 10.5 2249	36 8.5 2253	22 9.3 2572	110 40.2 2570
18	59 17.3 2257	42 57.7 2253	37 55.7 2257	20 29.8 2635	109 0.6 2575
21	61 4.4 2261	44 44.8 2256	39 42.7 2261	18 51.7 2714	107 21.1 2578
2 UT	+Spica	+Saturn	+Antares	–Enif	–Sun
0	62 51.3 2266	46 31.9 2260	18 29.1 2542	65 58.7 2506	105 41.7 2584
3	64 38.1 2271	48 18.8 2264	20 9.3 2503	64 17.6 2517	104 2.4 2589
6	66 24.8 2276	50 5.7 2269	21 50.4 2475	62 36.8 2531	102 23.3 2594
9	68 11.4 2281	51 52.4 2273	23 32.2 2454	60 56.3 2545	100 44.2 2599
12	69 57.8 2286	53 39.1 2278	25 14.5 2438	59 16.2 2560	99 5.3 2605
15	71 44.2 2291	55 25.6 2282	26 57.2 2425	57 36.3 2576	97 26.5 2610
18	73 30.4 2297	57 12.0 2288	28 40.2 2417	55 56.9 2594	95 47.8 2616
21	75 16.4 2302	58 58.3 2293	30 23.3 2410	54 17.8 2613	94 9.3 2622
3 UT	+Spica	+Saturn	+Antares	–Markab	–Sun
0	77 2.3 2308	60 44.4 2298	32 6.7 2406	72 23.2 2480	92 30.9 2628
3	78 48.1 2314	62 30.5 2304	33 50.1 2403	70 41.6 2490	90 52.6 2634
6	80 33.8 2320	64 16.4 2309	35 33.6 2402	69 0.1 2500	89 14.5 2640
9	82 19.3 2326	66 2.1 2315	37 17.1 2401	67 18.9 2510	87 36.5 2646
12	84 4.6 2332	67 47.7 2321	39 0.6 2402	65 37.9 2522	85 58.6 2653
15	85 49.8 2338	69 33.2 2326	40 44.2 2403	63 57.2 2534	84 20.9 2660
18	87 34.9 2344	71 18.6 2332	42 27.6 2405	62 16.8 2546	82 43.4 2666
21	89 19.8 2351	73 3.8 2339	44 11.1 2408	60 36.7 2560	81 5.9 2673
4 UT	+Saturn	+Antares	+Sabik	–Markab	–Sun
0	74 48.8 2345	45 54.5 2411	36 38.8 2393	58 56.9 2574	79 28.7 2680
3	76 33.7 2351	47 37.8 2414	38 22.5 2397	57 17.3 2589	77 51.6 2687
6	78 18.4 2357	49 21.0 2418	40 6.2 2401	55 38.2 2605	76 14.6 2694
9	80 3.0 2363	51 4.1 2422	41 49.7 2405	53 59.4 2622	74 37.8 2700
12	81 47.5 2370	52 47.2 2427	43 33.1 2411	52 21.0 2641	73 1.2 2708
15	83 31.8 2376	54 30.1 2431	45 16.5 2415	50 43.0 2660	71 24.7 2714
18	85 15.9 2383	56 12.9 2437	46 59.7 2421	49 5.5 2681	69 48.4 2722
21	86 59.9 2390	57 55.6 2442	48 42.7 2426	47 28.4 2704	68 12.2 2729
5 UT	+Saturn	+Antares	+Sabik	+Nunki	–Sun
0	88 43.7 2396	59 38.2 2447	50 25.7 2432	27 38.2 2590	66 36.2 2737
3	90 27.3 2403	61 20.6 2453	52 8.5 2437	29 17.3 2578	65 0.3 2744
6	92 10.8 2410	63 2.9 2459	53 51.2 2443	30 56.7 2570	63 24.7 2751
9	93 54.1 2417	64 45.1 2465	55 33.7 2450	32 36.3 2564	61 49.1 2759
12	95 37.3 2424	66 27.2 2471	57 16.1 2456	34 16.1 2559	60 13.8 2766
15	97 20.3 2431	68 9.1 2477	58 58.4 2462	35 55.9 2557	58 38.6 2774
18	99 3.1 2438	69 50.8 2483	60 40.4 2469	37 35.8 2555	57 3.6 2782
21	100 45.8 2445	71 32.4 2490	62 22.4 2475	39 15.7 2555	55 28.7 2790

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6 UT	+Antares	+Sabik	+Kaus Aust.	+Nunki	-Sun
0	73 13.8 2496	64 4.2 2482	49 50.8 2720	40 55.7 2556	53 54.0 2797
3	74 55.1 2504	65 45.8 2489	51 27.0 2716	42 35.6 2558	52 19.5 2805
6	76 36.3 2510	67 27.3 2495	53 3.3 2712	44 15.5 2560	50 45.2 2814
9	78 17.2 2517	69 8.6 2503	54 39.7 2710	45 55.3 2563	49 11.0 2822
12	79 58.1 2524	70 49.7 2510	56 16.1 2709	47 35.0 2567	47 37.0 2830
15	81 38.7 2531	72 30.7 2517	57 52.6 2709	49 14.7 2570	46 3.3 2838
18	83 19.2 2539	74 11.5 2525	59 29.0 2710	50 54.3 2575	44 29.6 2847
21	84 59.5 2546	75 52.2 2532	61 5.5 2711	52 33.8 2580	42 56.2 2856
7 UT	+Antares	+Sabik	+Kaus Aust.	+Nunki	-Sun
0	86 39.6 2554	77 32.7 2539	62 41.9 2712	54 13.1 2584	41 22.9 2864
3	88 19.6 2562	79 13.0 2547	64 18.3 2715	55 52.4 2590	39 49.9 2874
6	89 59.4 2570	80 53.1 2555	65 54.6 2718	57 31.5 2596	38 17.0 2883
9	91 39.0 2578	82 33.0 2562	67 30.8 2722	59 10.5 2602	36 44.3 2891
12	93 18.4 2586	84 12.8 2571	69 7.0 2727	60 49.4 2609	35 11.8 2901
15	94 57.6 2594	85 52.4 2579	70 43.1 2731	62 28.1 2615	33 39.6 2911
18	96 36.6 2603	87 31.8 2587	72 19.0 2736	64 6.7 2622	32 7.5 2921
21	98 15.5 2611	89 11.0 2595	73 54.9 2742	65 45.1 2629	30 35.6 2930
8 UT	+Antares	+Kaus Aust.	+Nunki	+Altair	-Sun
0	99 54.1 2620	75 30.6 2748	67 23.3 2636	51 23.8 3277	29 4.0 2941
3	101 32.6 2629	77 6.2 2755	69 1.4 2644	52 48.4 3256	27 32.5 2952
6	103 10.9 2637	78 41.6 2761	70 39.3 2651	54 13.5 3237	26 1.3 2963
9	104 48.9 2647	80 16.9 2768	72 17.1 2659	55 38.9 3222	24 30.3 2975
12	106 26.8 2656	81 52.1 2776	73 54.6 2667	57 4.6 3208	22 59.6 2987
15	108 4.4 2665	83 27.1 2784	75 32.0 2675	58 30.6 3197	21 29.2 3000
18	109 41.8 2675	85 1.9 2792	77 9.2 2684	59 56.8 3187	19 58.9 3014
21	111 19.0 2685	86 36.5 2800	78 46.2 2692	61 23.2 3180	18 29.0 3030
11 UT	+Sun	-Aldebaran	-Jupiter	-Elnath	-Betelgeuse
0	7 10.7 3363	42 17.1 2830	45 22.7 2881	54 31.1 2885	62 28.4 2947
3	8 33.6 3317	40 43.2 2840	43 50.0 2891	52 58.5 2898	60 57.1 2961
6	9 57.5 3291	39 9.7 2851	42 17.5 2901	51 26.1 2911	59 26.1 2975
9	11 21.8 3278	37 36.3 2862	40 45.2 2912	49 54.0 2924	57 55.4 2990
12	12 46.5 3272	36 3.2 2873	39 13.2 2921	48 22.3 2938	56 25.0 3004
15	14 11.2 3271	34 30.3 2885	37 41.3 2932	46 50.8 2952	54 54.8 3020
18	15 35.9 3272	32 57.7 2896	36 9.7 2942	45 19.6 2966	53 25.1 3036
21	17 0.7 3275	31 25.3 2909	34 38.3 2953	43 48.7 2982	51 55.6 3053
12 UT	+Sun	-Aldebaran	-Jupiter	-Betelgeuse	-Procyon
0	18 25.3 3280	29 53.2 2920	33 7.1 2963	50 26.5 3070	76 3.3 2976
3	19 49.9 3286	28 21.3 2933	31 36.1 2973	48 57.7 3088	74 32.6 2987
6	21 14.4 3292	26 49.7 2946	30 5.3 2983	47 29.3 3107	73 2.2 2997
9	22 38.7 3299	25 18.4 2960	28 34.8 2994	46 1.3 3126	71 31.9 3008
12	24 2.9 3305	23 47.4 2974	27 4.4 3004	44 33.7 3146	70 1.9 3018
15	25 27.0 3314	22 16.6 2991	25 34.3 3015	43 6.5 3169	68 32.0 3030
18	26 50.9 3321	20 46.2 3007	24 4.4 3025	41 39.7 3191	67 2.4 3040
21	28 14.7 3329	19 16.2 3027	22 34.7 3037	40 13.4 3216	65 33.1 3051

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13 UT	+Sun	–Jupiter	–Betelgeuse	–Pollux	–Procyon
0	29 38.3 3336	21 5.3 3048	38 47.6 3242	60 50.0 3075	64 3.9 3061
3	31 1.8 3344	19 36.1 3060	37 22.3 3271	59 21.3 3088	62 35.0 3073
6	32 25.1 3352	18 7.1 3073	35 57.5 3301	57 52.9 3100	61 6.3 3084
9	33 48.3 3359	16 38.4 3086	34 33.4 3335	56 24.8 3112	59 37.8 3094
12	35 11.4 3366	15 10.0 3102	33 9.9 3373	54 56.9 3124	58 9.5 3106
15	36 34.3 3374	13 41.9 3121	31 47.1 3414	53 29.2 3137	56 41.5 3117
18	37 57.0 3380	12 14.1 3143	30 25.1 3460	52 1.8 3150	55 13.7 3128
21	39 19.7 3387	10 46.8 3172	29 3.9 3511	50 34.7 3163	53 46.1 3140
14 UT	+Sun	–Pollux	–Procyon	–Alphard	–Regulus
0	40 42.2 3394	49 7.8 3177	52 18.8 3152	82 31.4 3220	85 8.9 3037
3	42 4.6 3399	47 41.2 3190	50 51.7 3164	81 5.7 3227	83 39.5 3043
6	43 26.9 3405	46 14.9 3205	49 24.8 3176	79 40.1 3235	82 10.2 3050
9	44 49.0 3411	44 48.8 3220	47 58.2 3188	78 14.6 3243	80 41.0 3055
12	46 11.1 3417	43 23.1 3236	46 31.8 3202	76 49.3 3251	79 12.0 3061
15	47 33.1 3421	41 57.6 3252	45 5.7 3215	75 24.2 3259	77 43.0 3066
18	48 54.9 3426	40 32.5 3270	43 39.8 3229	73 59.2 3266	76 14.2 3071
21	50 16.7 3430	39 7.8 3289	42 14.3 3244	72 34.4 3274	74 45.4 3075
15 UT	+Sun	+Aldebaran	–Pollux	–Procyon	–Regulus
0	51 38.4 3435	7 21.6 3489	37 43.4 3309	40 49.0 3260	73 16.8 3080
3	53 0.0 3438	8 42.2 3367	36 19.4 3331	39 24.0 3276	71 48.2 3083
6	54 21.6 3441	10 5.1 3293	34 55.8 3355	37 59.4 3295	70 19.7 3087
9	55 43.1 3444	11 29.4 3244	33 32.7 3382	36 35.1 3314	68 51.3 3090
12	57 4.5 3446	12 54.7 3210	32 10.0 3411	35 11.2 3335	67 22.9 3093
15	58 25.9 3448	14 20.7 3186	30 48.0 3444	33 47.7 3359	65 54.7 3096
18	59 47.3 3450	15 47.1 3168	29 26.6 3482	32 24.7 3384	64 26.4 3098
21	61 8.6 3451	17 13.9 3155	28 5.8 3524	31 2.1 3414	62 58.2 3100
16 UT	+Sun	+Jupiter	–Alphard	–Regulus	–Denebola
0	62 29.9 3451	14 26.2 3185	59 57.7 3347	61 30.1 3101	84 7.0 3261
3	63 51.2 3452	15 52.7 3179	58 34.5 3357	60 1.9 3102	82 42.0 3262
6	65 12.5 3451	17 19.2 3174	57 11.4 3366	58 33.8 3103	81 17.1 3264
9	66 33.8 3450	18 45.9 3168	55 48.5 3375	57 5.7 3103	79 52.2 3265
12	67 55.1 3449	20 12.7 3165	54 25.7 3386	55 37.7 3103	78 27.3 3266
15	69 16.5 3448	21 39.5 3161	53 3.2 3397	54 9.6 3104	77 2.5 3267
18	70 37.8 3445	23 6.5 3156	51 40.9 3408	52 41.5 3102	75 37.7 3267
21	71 59.3 3443	24 33.5 3153	50 18.8 3421	51 13.4 3102	74 12.8 3268
17 UT	+Sun	+Jupiter	+Elnath	–Regulus	–Spica
0	73 20.7 3439	26 0.6 3148	20 6.9 3472	49 45.3 3100	103 23.2 3064
3	74 42.2 3436	27 27.7 3144	21 27.8 3419	48 17.1 3099	101 54.3 3061
6	76 3.8 3431	28 55.0 3138	22 49.7 3373	46 49.0 3097	100 25.4 3056
9	77 25.5 3426	30 22.4 3133	24 12.5 3335	45 20.7 3095	98 56.4 3052
12	78 47.3 3421	31 49.9 3128	25 36.0 3301	43 52.5 3092	97 27.2 3048
15	80 9.2 3415	33 17.5 3122	27 0.2 3271	42 24.2 3090	95 58.0 3042
18	81 31.1 3409	34 45.2 3115	28 24.9 3244	40 55.8 3087	94 28.7 3037
21	82 53.2 3402	36 13.0 3108	29 50.2 3220	39 27.4 3084	92 59.2 3031

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18 UT	+Sun	+Jupiter	+Elnath	–Regulus	–Spica
0	84 15.5 3395	37 41.0 3101	31 15.9 3198	37 58.9 3081	91 29.7 3024
3	85 37.8 3387	39 9.1 3094	32 42.1 3177	36 30.4 3078	89 60.0 3017
6	87 0.3 3379	40 37.4 3086	34 8.7 3158	35 1.8 3076	88 30.1 3010
9	88 23.0 3370	42 5.8 3077	35 35.7 3139	33 33.2 3073	87 0.1 3001
12	89 45.8 3360	43 34.5 3068	37 3.1 3121	32 4.5 3071	85 29.9 2993
15	91 8.9 3351	45 3.3 3059	38 30.8 3104	30 35.7 3069	83 59.6 2984
18	92 32.1 3340	46 32.2 3049	39 58.9 3087	29 6.9 3068	82 29.0 2974
21	93 55.5 3330	48 1.4 3039	41 27.3 3071	27 38.1 3068	80 58.3 2965
19 UT	+Sun	+Jupiter	+Elnath	+Betelgeuse	–Spica
0	95 19.1 3318	49 30.8 3028	42 56.0 3055	36 28.8 3250	79 27.3 2954
3	96 42.9 3306	51 0.4 3017	44 25.1 3038	37 53.9 3220	77 56.2 2943
6	98 7.0 3294	52 30.3 3006	45 54.5 3023	39 19.7 3192	76 24.8 2932
9	99 31.3 3282	54 0.4 2994	47 24.2 3007	40 46.0 3164	74 53.2 2920
12	100 55.8 3269	55 30.7 2981	48 54.3 2991	42 12.8 3138	73 21.3 2908
15	102 20.6 3255	57 1.3 2969	50 24.7 2975	43 40.2 3113	71 49.2 2896
18	103 45.6 3241	58 32.2 2956	51 55.4 2959	45 8.1 3089	70 16.8 2883
21	105 11.0 3226	60 3.3 2942	53 26.5 2943	46 36.5 3066	68 44.1 2870
20 UT	+Sun	+Jupiter	+Betelgeuse	–Spica	–Saturn
0	106 36.6 3212	61 34.7 2929	48 5.3 3043	67 11.2 2856	82 22.4 2839
3	108 2.5 3197	63 6.4 2915	49 34.6 3021	65 38.0 2843	80 48.8 2825
6	109 28.7 3181	64 38.4 2899	51 4.4 2998	64 4.4 2828	79 14.8 2810
9	110 55.2 3165	66 10.7 2885	52 34.6 2977	62 30.6 2814	77 40.6 2796
12	112 22.1 3149	67 43.3 2870	54 5.3 2956	60 56.4 2799	76 6.1 2782
15	113 49.2 3132	69 16.3 2854	55 36.4 2934	59 21.9 2783	74 31.2 2766
18	115 16.7 3116	70 49.6 2839	57 8.0 2914	57 47.1 2768	72 56.0 2751
21	116 44.6 3099	72 23.2 2823	58 40.0 2893	56 12.0 2752	71 20.5 2735
21 UT	+Betelgeuse	+Pollux	+Procyon	–Spica	–Saturn
0	60 12.5 2873	37 49.3 2971	34 32.3 2992	54 36.5 2736	69 44.6 2720
3	61 45.4 2852	39 20.1 2939	36 2.6 2956	53 0.6 2720	68 8.4 2704
6	63 18.7 2832	40 51.5 2909	37 33.7 2924	51 24.4 2704	66 31.9 2688
9	64 52.4 2812	42 23.7 2880	39 5.5 2892	49 47.8 2687	64 54.9 2671
12	66 26.6 2792	43 56.4 2852	40 38.0 2862	48 10.9 2670	63 17.6 2655
15	68 1.2 2773	45 29.7 2825	42 11.1 2833	46 33.6 2653	61 40.0 2639
18	69 36.3 2753	47 3.6 2800	43 44.9 2806	44 55.9 2636	60 1.9 2622
21	71 11.8 2733	48 38.1 2774	45 19.2 2779	43 17.8 2619	58 23.5 2605
22 UT	+Pollux	+Procyon	–Spica	–Saturn	–Antares
0	50 13.1 2750	46 54.1 2754	41 39.3 2601	56 44.7 2588	87 12.2 2631
3	51 48.7 2725	48 29.6 2728	40 0.4 2584	55 5.6 2571	85 34.0 2613
6	53 24.8 2702	50 5.6 2704	38 21.1 2567	53 26.0 2555	83 55.4 2596
9	55 1.4 2679	51 42.2 2681	36 41.5 2549	51 46.1 2538	82 16.4 2579
12	56 38.5 2657	53 19.2 2657	35 1.4 2531	50 5.7 2521	80 37.0 2561
15	58 16.1 2635	54 56.8 2635	33 20.9 2514	48 25.0 2504	78 57.3 2545
18	59 54.2 2614	56 35.0 2613	31 40.0 2497	46 43.9 2488	77 17.1 2527
21	61 32.8 2592	58 13.6 2591	29 58.7 2479	45 2.4 2471	75 36.5 2510

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23 UT	+Procyon	+Regulus	–Spica	–Saturn	–Antares
0	59 52.7 2570	26 8.8 2565	28 17.0 2462	43 20.5 2455	73 55.5 2494
3	61 32.3 2550	27 48.5 2537	26 35.0 2445	41 38.3 2440	72 14.2 2478
6	63 12.3 2530	29 28.8 2511	24 52.5 2428	39 55.6 2424	70 32.4 2461
9	64 52.8 2510	31 9.8 2486	23 9.6 2411	38 12.7 2409	68 50.3 2445
12	66 33.8 2491	32 51.3 2463	21 26.3 2394	36 29.3 2394	67 7.8 2429
15	68 15.2 2472	34 33.4 2441	19 42.5 2378	34 45.6 2380	65 24.9 2414
18	69 57.1 2454	36 16.0 2420	17 58.5 2362	33 1.5 2367	63 41.7 2399
21	71 39.4 2436	37 59.1 2399	16 14.0 2346	31 17.2 2354	61 58.1 2384
24 UT	+Procyon	+Regulus	–Saturn	–Antares	–Sabik
0	73 22.1 2419	39 42.7 2380	29 32.5 2342	60 14.2 2370	69 13.4 2346
3	75 5.2 2402	41 26.7 2361	27 47.5 2331	58 29.9 2356	67 28.5 2331
6	76 48.7 2386	43 11.2 2344	26 2.3 2321	56 45.3 2343	65 43.3 2316
9	78 32.6 2370	44 56.2 2326	24 16.8 2313	55 0.3 2330	63 57.7 2302
12	80 16.9 2355	46 41.5 2310	22 31.2 2307	53 15.1 2318	62 11.8 2288
15	82 1.5 2341	48 27.2 2294	20 45.4 2304	51 29.5 2307	60 25.5 2275
18	83 46.5 2327	50 13.4 2279	18 59.5 2304	49 43.7 2296	58 38.9 2262
21	85 31.9 2314	51 59.9 2264	17 13.6 2310	47 57.6 2286	56 52.0 2250
25 UT	+Procyon	+Regulus	–Antares	–Sabik	–Nunki
0	87 17.5 2301	53 46.7 2250	46 11.3 2277	55 4.8 2239	78 43.7 2261
3	89 3.5 2289	55 33.9 2237	44 24.8 2269	53 17.4 2228	76 56.8 2250
6	90 49.7 2277	57 21.5 2224	42 38.0 2261	51 29.6 2217	75 9.6 2239
9	92 36.3 2266	59 9.3 2212	40 51.1 2255	49 41.6 2208	73 22.1 2229
12	94 23.1 2256	60 57.5 2201	39 4.0 2251	47 53.3 2198	71 34.3 2219
15	96 10.1 2247	62 45.9 2190	37 16.8 2248	46 4.8 2190	69 46.4 2211
18	97 57.4 2238	64 34.6 2180	35 29.6 2246	44 16.1 2182	67 58.2 2203
21	99 44.9 2230	66 23.5 2170	33 42.3 2247	42 27.2 2175	66 9.8 2195
26 UT	+Regulus	+Spica	–Antares	–Sabik	–Nunki
0	68 12.7 2161	14 14.3 2137	31 55.0 2249	40 38.2 2169	64 21.2 2188
3	70 2.2 2153	16 4.3 2130	30 7.8 2255	38 48.9 2165	62 32.5 2182
6	71 51.8 2146	17 54.5 2123	28 20.7 2264	36 59.6 2161	60 43.6 2177
9	73 41.6 2139	19 44.9 2116	26 33.8 2276	35 10.2 2158	58 54.6 2173
12	75 31.6 2133	21 35.4 2111	24 47.3 2295	33 20.7 2156	57 5.5 2170
15	77 21.7 2127	23 26.1 2106	23 1.1 2320	31 31.1 2156	55 16.2 2167
18	79 12.0 2122	25 17.0 2101	21 15.6 2354	29 41.6 2157	53 27.0 2165
21	81 2.4 2118	27 7.9 2097	19 31.0 2401	27 52.0 2161	51 37.7 2165
27 UT	+Regulus	+Gienah	+Spica	+Saturn	–Nunki
0	82 52.9 2115	44 10.9 2269	28 59.0 2094	14 44.2 2183	49 48.4 2165
3	84 43.5 2112	45 57.6 2255	30 50.1 2091	16 33.1 2158	47 59.0 2167
6	86 34.2 2110	47 44.7 2244	32 41.3 2089	18 22.6 2140	46 9.8 2170
9	88 24.9 2108	49 32.1 2234	34 32.6 2087	20 12.6 2127	44 20.6 2174
12	90 15.7 2107	51 19.7 2226	36 23.9 2087	22 2.8 2117	42 31.5 2180
15	92 6.5 2107	53 7.5 2219	38 15.2 2087	23 53.4 2110	40 42.5 2187
18	93 57.2 2108	54 55.5 2213	40 6.5 2087	25 44.1 2104	38 53.7 2196
21	95 48.0 2109	56 43.6 2209	41 57.8 2088	27 35.0 2100	37 5.2 2206

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28 UT	+Gienah	+Spica	+Saturn	+Zubenelgen	–Nunki
0	58 31.8 2206	43 49.1 2089	29 26.0 2098	22 27.5 2090	35 16.9 2219
3	60 20.1 2204	45 40.4 2092	31 17.0 2097	24 18.7 2092	33 28.9 2235
6	62 8.4 2203	47 31.6 2094	33 8.0 2097	26 9.9 2095	31 41.3 2253
9	63 56.8 2203	49 22.7 2097	34 59.1 2098	28 1.0 2098	29 54.2 2275
12	65 45.2 2203	51 13.7 2101	36 50.1 2100	29 52.0 2102	28 7.6 2302
15	67 33.6 2205	53 4.7 2105	38 41.1 2103	31 42.9 2106	26 21.7 2334
18	69 21.9 2208	54 55.5 2110	40 32.0 2106	33 33.7 2111	24 36.5 2374
21	71 10.1 2211	56 46.2 2115	42 22.8 2110	35 24.5 2116	22 52.3 2422
29 UT	+Spica	+Saturn	+Zubenelgen	+Antares	–Enif
0	58 36.8 2121	44 13.5 2115	37 15.0 2122	14 38.5 2573	69 58.7 2345
3	60 27.3 2128	46 4.1 2120	39 5.4 2128	16 18.0 2490	68 13.8 2357
6	62 17.5 2134	47 54.6 2126	40 55.7 2135	17 59.4 2432	66 29.2 2370
9	64 7.6 2141	49 44.9 2132	42 45.8 2141	19 42.2 2390	64 44.9 2384
12	65 57.6 2149	51 35.0 2139	44 35.7 2149	21 26.1 2360	63 1.0 2400
15	67 47.3 2157	53 25.0 2146	46 25.4 2157	23 10.6 2339	61 17.4 2417
18	69 36.8 2165	55 14.8 2154	48 15.0 2165	24 55.6 2323	59 34.3 2435
21	71 26.1 2174	57 4.4 2163	50 4.3 2174	26 41.0 2314	57 51.5 2455
30 UT	+Spica	+Saturn	+Antares	–Markab	–Sun
0	73 15.2 2182	58 53.8 2170	28 26.7 2307	76 0.4 2347	122 38.3 2482
3	75 4.1 2192	60 43.0 2180	30 12.5 2304	74 15.6 2360	120 56.7 2493
6	76 52.8 2201	62 31.9 2189	31 58.4 2302	72 31.0 2372	119 15.3 2503
9	78 41.2 2212	64 20.7 2199	33 44.3 2303	70 46.8 2387	117 34.2 2513
12	80 29.3 2221	66 9.2 2208	35 30.2 2305	69 2.9 2400	115 53.3 2524
15	82 17.3 2232	67 57.4 2218	37 16.1 2309	67 19.3 2415	114 12.6 2535
18	84 4.9 2243	69 45.4 2229	39 1.8 2314	65 36.1 2432	112 32.2 2546
21	85 52.3 2253	71 33.1 2239	40 47.5 2320	63 53.3 2448	110 52.1 2558