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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Aldebaran	+Elnath	+Betelgeuse	+Jupiter	–Sun
0	69 55.5 2916	58 20.9 2984	51 27.6 3065	32 15.9 3003	47 56.0 3279
3	71 27.4 2905	59 51.4 2971	52 56.5 3048	33 46.1 2987	46 31.4 3268
6	72 59.6 2894	61 22.2 2958	54 25.7 3031	35 16.6 2972	45 6.6 3256
9	74 32.1 2883	62 53.3 2945	55 55.2 3015	36 47.3 2958	43 41.5 3244
12	76 4.8 2870	64 24.6 2931	57 25.1 2999	38 18.4 2943	42 16.3 3232
15	77 37.7 2858	65 56.3 2918	58 55.4 2982	39 49.8 2928	40 50.7 3219
18	79 10.9 2847	67 28.2 2905	60 25.9 2967	41 21.5 2915	39 25.0 3208
21	80 44.3 2834	69 0.4 2891	61 56.8 2951	42 53.5 2900	37 59.0 3194
2 UT	+Betelgeuse	+Jupiter	+Pollux	+Procyon	–Sun
0	63 28.1 2935	44 25.8 2885	40 50.1 3030	37 44.8 3028	36 32.7 3181
3	64 59.6 2920	45 58.4 2872	42 19.7 3006	39 14.4 3002	35 6.2 3168
6	66 31.5 2904	47 31.4 2857	43 49.8 2982	40 44.6 2977	33 39.4 3156
9	68 3.7 2889	49 4.6 2843	45 20.4 2959	42 15.3 2954	32 12.4 3143
12	69 36.3 2874	50 38.1 2829	46 51.4 2937	43 46.5 2931	30 45.1 3130
15	71 9.1 2859	52 11.9 2815	48 23.0 2916	45 18.1 2909	29 17.6 3117
18	72 42.3 2844	53 46.1 2801	49 54.9 2896	46 50.2 2889	27 49.8 3106
21	74 15.8 2830	55 20.5 2786	51 27.3 2876	48 22.8 2868	26 21.7 3093
3 UT	+Betelgeuse	+Jupiter	+Pollux	+Procyon	–Sun
0	75 49.6 2815	56 55.3 2773	53 0.1 2857	49 55.8 2849	24 53.4 3081
3	77 23.8 2801	58 30.3 2758	54 33.3 2839	51 29.2 2830	23 24.9 3070
6	78 58.2 2787	60 5.7 2745	56 7.0 2820	53 3.0 2811	21 56.1 3058
9	80 32.9 2773	61 41.3 2731	57 41.0 2803	54 37.2 2794	20 27.1 3049
12	82 8.0 2759	63 17.3 2717	59 15.3 2786	56 11.7 2776	18 57.9 3040
15	83 43.3 2746	64 53.6 2704	60 50.1 2769	57 46.7 2760	17 28.6 3032
18	85 18.9 2733	66 30.1 2690	62 25.2 2753	59 22.1 2743	15 59.0 3028
21	86 54.9 2720	68 7.0 2677	64 0.7 2737	60 57.7 2727	14 29.4 3025
6 UT	+Sun	–Venus	–Antares	–Sabik	–Nunki
0	12 17.1 2827	32 56.5 2848	44 53.0 2510	53 33.3 2451	77 24.0 2483
3	13 50.9 2804	31 23.0 2843	43 12.0 2506	51 50.9 2442	75 42.4 2474
6	15 25.3 2784	29 49.5 2839	41 31.0 2503	50 8.3 2434	74 0.6 2466
9	17 0.1 2768	28 15.9 2837	39 49.8 2501	48 25.6 2427	72 18.6 2459
12	18 35.2 2754	26 42.3 2836	38 8.6 2500	46 42.6 2419	70 36.4 2452
15	20 10.7 2740	25 8.6 2837	36 27.4 2501	44 59.5 2413	68 54.0 2445
18	21 46.5 2729	23 34.9 2840	34 46.2 2503	43 16.3 2407	67 11.5 2439
21	23 22.5 2718	22 1.3 2846	33 5.1 2507	41 32.9 2401	65 28.9 2433
7 UT	+Sun	–Venus	–Antares	–Sabik	–Nunki
0	24 58.7 2708	20 27.9 2857	31 24.0 2513	39 49.3 2395	63 46.1 2427
3	26 35.2 2699	18 54.6 2872	29 43.1 2523	38 5.6 2391	62 3.2 2423
6	28 11.9 2690	17 21.7 2895	28 2.5 2535	36 21.9 2386	60 20.2 2418
9	29 48.8 2683	15 49.3 2928	26 22.1 2552	34 38.0 2383	58 37.1 2415
12	31 25.8 2675	14 17.6 2977	24 42.1 2575	32 54.0 2381	56 53.8 2412
15	33 3.0 2668	12 46.9 3049	23 2.6 2605	31 10.0 2378	55 10.6 2409
18	34 40.4 2662	11 17.7 3159	21 23.8 2645	29 25.9 2378	53 27.2 2407
21	36 17.9 2656	9 50.8 3337	19 45.9 2697	27 41.8 2378	51 43.8 2406

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8 UT	+Sun	–Sabik	–Kaus Aust.	–Nunki	–Altair
0	37 55.5 2650	25 57.7 2379	44 1.9 2683	50 0.4 2405	71 15.5 2777
3	39 33.3 2645	24 13.6 2383	42 24.9 2704	48 16.9 2405	69 40.6 2783
6	41 11.2 2640	22 29.6 2388	40 48.3 2728	46 33.5 2406	68 5.7 2790
9	42 49.2 2636	20 45.8 2397	39 12.3 2757	44 50.0 2408	66 31.1 2800
12	44 27.3 2631	19 2.2 2410	37 36.9 2790	43 6.6 2410	64 56.6 2810
15	46 5.5 2627	17 18.8 2428	36 2.2 2829	41 23.3 2414	63 22.4 2822
18	47 43.8 2624	15 35.9 2456	34 28.3 2875	39 40.1 2420	61 48.4 2837
21	49 22.2 2620	13 53.7 2496	32 55.5 2929	37 57.0 2426	60 14.8 2853
9 UT	+Sun	+Venus	–Nunki	–Enif	–Fomalhaut
0	51 0.6 2617	7 30.2 3504	36 14.0 2435	84 38.7 2502	88 20.5 2757
3	52 39.1 2615	8 50.5 3236	34 31.3 2445	82 57.5 2501	86 45.1 2756
6	54 17.7 2612	10 16.0 3074	32 48.8 2458	81 16.3 2501	85 9.7 2757
9	55 56.3 2610	11 44.6 2968	31 6.6 2474	79 35.2 2502	83 34.3 2758
12	57 35.0 2608	13 15.5 2897	29 24.8 2494	77 54.0 2503	81 58.9 2761
15	59 13.7 2606	14 47.9 2844	27 43.4 2517	76 12.8 2504	80 23.6 2764
18	60 52.5 2605	16 21.4 2807	26 2.6 2547	74 31.7 2507	78 48.4 2769
21	62 31.3 2603	17 55.7 2778	24 22.5 2584	72 50.7 2510	77 13.2 2774
10 UT	+Sun	+Venus	+Antares	–Enif	–Markab
0	64 10.1 2602	19 30.6 2756	13 42.4 2949	71 9.7 2514	91 21.8 2451
3	65 49.0 2602	21 6.0 2739	15 13.6 2813	69 28.8 2519	89 39.4 2451
6	67 27.8 2601	22 41.8 2725	16 47.8 2714	67 48.1 2524	87 57.1 2451
9	69 6.7 2601	24 17.9 2714	18 24.1 2641	66 7.4 2531	86 14.7 2451
12	70 45.6 2600	25 54.3 2704	20 2.1 2585	64 26.9 2538	84 32.4 2452
15	72 24.5 2601	27 30.8 2697	21 41.3 2542	62 46.6 2546	82 50.0 2454
18	74 3.4 2600	29 7.6 2691	23 21.6 2507	61 6.5 2555	81 7.7 2455
21	75 42.3 2600	30 44.4 2686	25 2.6 2480	59 26.5 2566	79 25.5 2457
11 UT	+Sun	+Venus	+Antares	+Sabik	–Markab
0	77 21.2 2601	32 21.4 2682	26 44.3 2458	17 7.8 2387	77 43.2 2460
3	79 0.1 2602	33 58.4 2679	28 26.5 2440	18 51.7 2371	76 1.1 2464
6	80 39.0 2602	35 35.6 2676	30 9.1 2425	20 36.0 2359	74 19.0 2467
9	82 17.8 2604	37 12.7 2674	31 52.0 2413	22 20.5 2350	72 37.1 2472
12	83 56.6 2604	38 50.0 2673	33 35.3 2403	24 5.3 2343	70 55.2 2477
15	85 35.4 2605	40 27.2 2672	35 18.8 2394	25 50.2 2337	69 13.5 2482
18	87 14.2 2606	42 4.5 2671	37 2.5 2388	27 35.3 2333	67 31.8 2489
21	88 53.0 2608	43 41.8 2671	38 46.4 2382	29 20.5 2330	65 50.4 2496
12 UT	+Sun	+Venus	+Antares	+Sabik	–Markab
0	90 31.7 2610	45 19.1 2671	40 30.4 2377	31 5.7 2328	64 9.0 2503
3	92 10.4 2611	46 56.4 2671	42 14.5 2373	32 51.0 2326	62 27.9 2511
6	93 49.0 2614	48 33.7 2672	43 58.7 2370	34 36.4 2326	60 47.0 2521
9	95 27.6 2615	50 11.0 2672	45 43.0 2367	36 21.7 2325	59 6.2 2531
12	97 6.2 2618	51 48.3 2674	47 27.3 2366	38 7.1 2325	57 25.7 2543
15	98 44.7 2620	53 25.5 2675	49 11.7 2365	39 52.4 2326	55 45.5 2555
18	100 23.2 2621	55 2.8 2676	50 56.1 2364	41 37.8 2326	54 5.6 2568
21	102 1.6 2624	56 39.9 2678	52 40.5 2363	43 23.1 2327	52 26.0 2584

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13 UT	+Sun	+Venus	+Antares	+Sabik	–Hamal
0	103 39.9 2627	58 17.1 2680	54 25.0 2364	45 8.4 2329	93 19.6 2376
3	105 18.2 2630	59 54.2 2682	56 9.4 2364	46 53.7 2330	91 35.5 2378
6	106 56.5 2632	61 31.2 2685	57 53.8 2365	48 39.0 2332	89 51.4 2381
9	108 34.6 2636	63 8.2 2687	59 38.3 2366	50 24.2 2334	88 7.4 2384
12	110 12.7 2639	64 45.2 2690	61 22.6 2367	52 9.3 2336	86 23.4 2387
15	111 50.7 2642	66 22.1 2693	63 7.0 2369	53 54.5 2339	84 39.6 2391
18	113 28.7 2645	67 58.9 2696	64 51.3 2370	55 39.5 2341	82 55.8 2394
21	115 6.6 2649	69 35.6 2699	66 35.6 2373	57 24.5 2344	81 12.1 2398
14 UT	+Venus	+Antares	+Sabik	+Nunki	–Hamal
0	71 12.3 2703	68 19.8 2375	59 9.4 2347	36 6.0 2460	79 28.5 2402
3	72 48.9 2706	70 4.0 2378	60 54.2 2350	37 48.1 2454	77 44.9 2407
6	74 25.4 2710	71 48.1 2381	62 39.0 2353	39 30.4 2449	76 1.5 2412
9	76 1.8 2714	73 32.1 2384	64 23.7 2357	41 12.8 2446	74 18.3 2417
12	77 38.2 2718	75 16.0 2388	66 8.3 2361	42 55.2 2444	72 35.1 2422
15	79 14.4 2723	76 59.9 2391	67 52.8 2365	44 37.8 2443	70 52.1 2428
18	80 50.6 2727	78 43.7 2395	69 37.2 2369	46 20.3 2442	69 9.2 2434
21	82 26.6 2733	80 27.4 2400	71 21.5 2373	48 2.9 2442	67 26.4 2441
15 UT	+Venus	+Antares	+Nunki	–Hamal	–Aldebaran
0	84 2.5 2738	82 10.9 2404	49 45.5 2443	65 43.8 2447	98 41.5 2372
3	85 38.4 2743	83 54.4 2409	51 28.0 2444	64 1.4 2455	96 57.2 2377
6	87 14.1 2749	85 37.8 2414	53 10.5 2446	62 19.1 2463	95 13.1 2382
9	88 49.6 2754	87 21.0 2418	54 53.0 2448	60 37.0 2471	93 29.1 2387
12	90 25.1 2760	89 4.2 2424	56 35.4 2451	58 55.1 2480	91 45.3 2393
15	92 0.4 2767	90 47.1 2430	58 17.8 2455	57 13.4 2489	90 1.5 2399
18	93 35.6 2773	92 30.0 2436	60 0.0 2458	55 32.0 2499	88 17.9 2404
21	95 10.6 2780	94 12.7 2442	61 42.2 2463	53 50.7 2509	86 34.4 2410
16 UT	+Venus	+Nunki	–Hamal	–Aldebaran	–Jupiter
0	96 45.5 2787	63 24.3 2468	52 9.8 2521	84 51.1 2417	124 2.2 2458
3	98 20.2 2795	65 6.3 2472	50 29.0 2533	83 8.0 2423	122 20.0 2463
6	99 54.8 2802	66 48.1 2477	48 48.6 2545	81 24.9 2430	120 37.9 2469
9	101 29.2 2810	68 29.9 2483	47 8.4 2559	79 42.1 2437	118 56.0 2475
12	103 3.4 2818	70 11.5 2489	45 28.6 2574	77 59.4 2444	117 14.2 2482
15	104 37.5 2827	71 52.9 2496	43 49.1 2590	76 16.9 2452	115 32.5 2488
18	106 11.4 2835	73 34.3 2502	42 10.0 2607	74 34.5 2459	113 51.1 2495
21	107 45.1 2844	75 15.4 2509	40 31.2 2626	72 52.4 2467	112 9.7 2502
17 UT	+Venus	–Aldebaran	–Elnath	–Betelgeuse	–Jupiter
0	109 18.6 2854	71 10.4 2476	83 14.0 2526	90 36.0 2564	110 28.6 2510
3	110 51.9 2863	69 28.6 2483	81 33.4 2534	88 56.3 2572	108 47.6 2517
6	112 24.9 2873	67 47.0 2492	79 52.9 2543	87 16.8 2581	107 6.8 2525
9	113 57.8 2883	66 5.6 2500	78 12.7 2552	85 37.4 2590	105 26.1 2534
12	115 30.5 2894	64 24.4 2510	76 32.7 2562	83 58.3 2599	103 45.7 2542
15	117 2.9 2904	62 43.4 2518	74 53.0 2572	82 19.4 2609	102 5.5 2551
18	118 35.1 2915	61 2.6 2528	73 13.4 2582	80 40.7 2619	100 25.5 2559
21	120 7.1 2927	59 22.0 2538	71 34.1 2593	79 2.2 2630	98 45.6 2569

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18 UT	+Altair	–Aldebaran	–Elnath	–Betelgeuse	–Jupiter
0	72 10.5 2977	57 41.7 2547	69 55.1 2604	77 24.0 2640	97 6.0 2578
3	73 41.2 2979	56 1.6 2557	68 16.2 2615	75 46.0 2651	95 26.6 2588
6	75 11.9 2983	54 21.7 2568	66 37.7 2627	74 8.2 2663	93 47.4 2597
9	76 42.4 2987	52 42.1 2578	64 59.4 2639	72 30.8 2675	92 8.5 2608
12	78 12.9 2992	51 2.6 2588	63 21.3 2651	70 53.6 2687	90 29.7 2618
15	79 43.3 2998	49 23.5 2600	61 43.6 2664	69 16.6 2701	88 51.2 2628
18	81 13.5 3005	47 44.6 2610	60 6.1 2677	67 40.0 2714	87 13.0 2639
21	82 43.6 3013	46 5.9 2622	58 28.9 2690	66 3.6 2727	85 34.9 2650
19 UT	+Enif	–Aldebaran	–Elnath	–Betelgeuse	–Jupiter
0	56 24.7 2913	44 27.5 2633	56 52.1 2704	64 27.6 2741	83 57.2 2660
3	57 56.7 2914	42 49.3 2645	55 15.5 2718	62 51.8 2756	82 19.6 2672
6	59 28.7 2916	41 11.4 2656	53 39.3 2733	61 16.4 2771	80 42.3 2683
9	61 0.7 2919	39 33.8 2669	52 3.3 2748	59 41.3 2786	79 5.3 2694
12	62 32.6 2922	37 56.4 2681	50 27.7 2764	58 6.6 2802	77 28.5 2706
15	64 4.4 2927	36 19.4 2693	48 52.5 2780	56 32.2 2819	75 52.0 2717
18	65 36.2 2932	34 42.5 2706	47 17.6 2797	54 58.1 2836	74 15.7 2729
21	67 7.8 2938	33 6.0 2719	45 43.1 2815	53 24.4 2854	72 39.7 2741
20 UT	+Markab	–Aldebaran	–Betelgeuse	–Jupiter	–Procyon
0	48 24.7 3011	31 29.8 2732	51 51.1 2872	71 3.9 2752	77 33.3 2797
3	49 54.7 3009	29 53.8 2745	50 18.2 2892	69 28.5 2765	75 58.8 2810
6	51 24.7 3009	28 18.2 2759	48 45.7 2911	67 53.2 2777	74 24.6 2823
9	52 54.7 3009	26 42.8 2773	47 13.7 2932	66 18.3 2789	72 50.6 2836
12	54 24.8 3010	25 7.8 2788	45 42.1 2953	64 43.6 2801	71 16.9 2849
15	55 54.7 3013	23 33.1 2804	44 10.9 2977	63 9.1 2813	69 43.5 2863
18	57 24.7 3017	21 58.7 2820	42 40.2 3001	61 35.0 2825	68 10.5 2877
21	58 54.5 3020	20 24.7 2837	41 10.0 3026	60 1.1 2837	66 37.7 2890
21 UT	+Markab	–Aldebaran	–Jupiter	–Pollux	–Procyon
0	60 24.3 3025	18 51.0 2856	58 27.4 2850	62 13.0 2929	65 5.1 2905
3	61 54.0 3030	17 17.8 2876	56 54.1 2862	60 41.3 2944	63 32.9 2918
6	63 23.6 3036	15 45.0 2901	55 20.9 2875	59 9.9 2960	62 1.0 2933
9	64 53.0 3042	14 12.7 2928	53 48.1 2887	57 38.9 2975	60 29.4 2947
12	66 22.3 3048	12 41.0 2963	52 15.5 2899	56 8.2 2991	58 58.1 2962
15	67 51.5 3056	11 10.0 3010	50 43.2 2911	54 37.8 3008	57 27.1 2977
18	69 20.6 3063	9 40.0 3076	49 11.1 2924	53 7.7 3025	55 56.4 2992
21	70 49.5 3070	8 11.4 3179	47 39.3 2936	51 38.0 3042	54 26.1 3008
22 UT	+Hamal	–Jupiter	–Pollux	–Procyon	–Regulus
0	28 47.1 3181	46 7.8 2948	50 8.7 3061	52 56.0 3023	86 3.0 2916
3	30 13.6 3166	44 36.5 2960	48 39.8 3078	51 26.3 3040	84 31.0 2926
6	31 40.4 3155	43 5.4 2972	47 11.2 3098	49 56.9 3056	82 59.3 2937
9	33 7.5 3146	41 34.7 2985	45 43.0 3117	48 27.9 3072	81 27.7 2947
12	34 34.7 3140	40 4.1 2997	44 15.2 3138	46 59.2 3090	79 56.4 2957
15	36 2.0 3136	38 33.9 3009	42 47.8 3159	45 30.8 3108	78 25.3 2967
18	37 29.4 3132	37 3.9 3022	41 20.8 3182	44 2.8 3126	76 54.4 2976
21	38 56.9 3130	35 34.1 3034	39 54.3 3206	42 35.2 3145	75 23.7 2986

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23 UT	+Aldebaran	–Jupiter	–Procyon	–Regulus	–Mars
0	6 33.2 3285	34 4.6 3047	41 7.9 3165	73 53.2 2995	78 23.6 3218
3	7 57.6 3196	32 35.4 3061	39 41.1 3186	72 22.9 3004	76 57.8 3228
6	9 23.9 3145	31 6.4 3074	38 14.7 3209	70 52.8 3012	75 32.2 3236
9	10 51.1 3116	29 37.8 3088	36 48.7 3232	69 22.8 3021	74 6.8 3245
12	12 18.9 3098	28 9.4 3103	35 23.2 3258	67 53.0 3029	72 41.6 3254
15	13 47.1 3088	26 41.3 3119	33 58.2 3286	66 23.4 3037	71 16.5 3262
18	15 15.5 3082	25 13.5 3136	32 33.7 3315	64 54.0 3044	69 51.5 3269
21	16 44.1 3078	23 46.1 3155	31 9.9 3349	63 24.7 3051	68 26.8 3276
24 UT	+Aldebaran	–Jupiter	–Regulus	–Mars	–Sun
0	18 12.6 3077	22 19.1 3176	61 55.5 3058	67 2.1 3284	122 26.1 3411
3	19 41.3 3077	20 52.4 3200	60 26.5 3065	65 37.6 3290	121 4.1 3417
6	21 9.9 3077	19 26.3 3228	58 57.7 3070	64 13.2 3296	119 42.1 3422
9	22 38.5 3078	18 0.7 3262	57 28.9 3076	62 49.0 3303	118 20.3 3428
12	24 7.1 3081	16 35.8 3304	56 0.3 3082	61 24.9 3308	116 58.5 3433
15	25 35.6 3081	15 11.7 3356	54 31.8 3087	60 0.8 3313	115 36.9 3437
18	27 4.2 3083	13 48.6 3427	53 3.4 3093	58 36.9 3318	114 15.3 3442
21	28 32.7 3084	12 26.8 3522	51 35.1 3097	57 13.1 3323	112 53.9 3445
25 UT	+Hamal	+Aldebaran	–Regulus	–Mars	–Sun
0	63 42.9 3149	30 1.1 3085	50 6.8 3101	55 49.3 3327	111 32.4 3448
3	65 10.1 3149	31 29.6 3086	48 38.7 3104	54 25.7 3330	110 11.1 3450
6	66 37.3 3150	32 58.0 3087	47 10.6 3108	53 2.1 3334	108 49.8 3453
9	68 4.4 3149	34 26.4 3088	45 42.7 3112	51 38.5 3337	107 28.5 3455
12	69 31.6 3148	35 54.8 3087	44 14.8 3114	50 15.1 3339	106 7.3 3455
15	70 58.7 3148	37 23.3 3087	42 46.9 3118	48 51.6 3342	104 46.0 3456
18	72 25.9 3146	38 51.7 3086	41 19.1 3120	47 28.3 3344	103 24.8 3456
21	73 53.1 3145	40 20.1 3086	39 51.4 3123	46 4.9 3345	102 3.6 3456
26 UT	+Aldebaran	+Elnath	–Regulus	–Mars	–Sun
0	41 48.5 3083	30 59.5 3280	38 23.7 3125	44 41.6 3347	100 42.4 3455
3	43 17.0 3082	32 24.1 3263	36 56.0 3127	43 18.3 3348	99 21.1 3453
6	44 45.6 3079	33 49.0 3247	35 28.4 3129	41 55.1 3349	97 59.9 3451
9	46 14.1 3076	35 14.2 3232	34 0.9 3131	40 31.8 3349	96 38.6 3448
12	47 42.8 3073	36 39.8 3218	32 33.3 3134	39 8.6 3351	95 17.2 3445
15	49 11.5 3069	38 5.5 3205	31 5.9 3137	37 45.4 3351	93 55.8 3441
18	50 40.2 3065	39 31.6 3192	29 38.5 3140	36 22.2 3351	92 34.3 3437
21	52 9.1 3060	40 57.9 3180	28 11.1 3144	34 59.0 3352	91 12.7 3432
27 UT	+Aldebaran	+Betelgeuse	+Jupiter	–Mars	–Sun
0	53 38.1 3055	35 53.8 3324	14 32.3 3317	33 35.8 3353	89 51.1 3427
3	55 7.1 3050	37 17.5 3300	15 56.1 3269	32 12.6 3354	88 29.3 3422
6	56 36.3 3043	38 41.6 3278	17 20.9 3230	30 49.5 3355	87 7.5 3415
9	58 5.6 3037	40 6.2 3258	18 46.5 3198	29 26.4 3357	85 45.5 3408
12	59 35.1 3030	41 31.3 3238	20 12.7 3171	28 3.3 3361	84 23.4 3400
15	61 4.6 3022	42 56.7 3219	21 39.4 3147	26 40.3 3366	83 1.1 3393
18	62 34.4 3015	44 22.4 3201	23 6.6 3126	25 17.4 3372	81 38.7 3384
21	64 4.3 3006	45 48.6 3182	24 34.2 3105	23 54.6 3380	80 16.1 3375

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Aldebaran	+Elnath	+Betelgeuse	+Jupiter	-Sun
0	65 34.4 2997	54 5.2 3075	47 15.0 3165	26 2.3 3087	78 53.4 3366
3	67 4.6 2988	55 33.9 3063	48 41.9 3148	27 30.7 3070	77 30.5 3356
6	68 35.1 2978	57 2.8 3051	50 9.1 3132	28 59.4 3054	76 7.4 3345
9	70 5.7 2968	58 31.9 3038	51 36.6 3115	30 28.5 3037	74 44.1 3334
12	71 36.6 2958	60 1.3 3025	53 4.4 3099	31 58.0 3022	73 20.5 3323
15	73 7.7 2947	61 31.0 3012	54 32.6 3082	33 27.7 3006	71 56.8 3312
18	74 39.0 2936	63 1.0 2999	56 1.1 3066	34 57.8 2991	70 32.9 3299
21	76 10.5 2924	64 31.2 2986	57 29.9 3050	36 28.2 2976	69 8.6 3287
29 UT	+Aldebaran	+Betelgeuse	+Jupiter	+Procyon	-Sun
0	77 42.3 2912	58 59.1 3034	37 58.9 2961	33 22.7 3167	67 44.2 3274
3	79 14.4 2899	60 28.6 3017	39 29.9 2945	34 49.5 3134	66 19.5 3260
6	80 46.7 2887	61 58.4 3002	41 1.3 2931	36 17.0 3105	64 54.6 3247
9	82 19.3 2873	63 28.6 2985	42 32.9 2914	37 45.0 3077	63 29.3 3232
12	83 52.2 2860	64 59.1 2969	44 4.9 2899	39 13.6 3050	62 3.8 3218
15	85 25.3 2846	66 29.9 2952	45 37.3 2883	40 42.8 3024	60 38.0 3202
18	86 58.8 2832	68 1.1 2936	47 9.9 2868	42 12.5 3000	59 11.9 3188
21	88 32.5 2818	69 32.7 2920	48 42.9 2852	43 42.7 2976	57 45.5 3172
30 UT	+Betelgeuse	+Jupiter	+Pollux	+Procyon	-Sun
0	71 4.6 2903	50 16.2 2836	48 20.0 2964	45 13.4 2953	56 18.8 3156
3	72 36.8 2887	51 49.9 2820	49 50.9 2942	46 44.6 2930	54 51.8 3140
6	74 9.4 2870	53 23.9 2804	51 22.3 2920	48 16.3 2908	53 24.5 3124
9	75 42.3 2854	54 58.3 2787	52 54.2 2899	49 48.4 2887	51 56.8 3108
12	77 15.6 2837	56 33.1 2770	54 26.5 2877	51 21.0 2866	50 28.8 3091
15	78 49.3 2820	58 8.2 2755	55 59.3 2857	52 54.0 2845	49 0.5 3074
18	80 23.3 2803	59 43.6 2737	57 32.5 2836	54 27.5 2824	47 31.8 3056
21	81 57.7 2787	61 19.4 2721	59 6.2 2817	56 1.4 2804	46 2.8 3040
31 UT	+Jupiter	+Pollux	+Procyon	+Regulus	-Sun
0	62 55.6 2704	60 40.3 2796	57 35.8 2784	23 37.6 2789	44 33.4 3022
3	64 32.2 2687	62 14.8 2777	59 10.6 2764	25 12.3 2760	43 3.7 3005
6	66 9.1 2670	63 49.8 2757	60 45.9 2745	26 47.6 2733	41 33.6 2988
9	67 46.4 2654	65 25.2 2739	62 21.5 2726	28 23.5 2708	40 3.1 2971
12	69 24.1 2637	67 1.0 2720	63 57.6 2707	30 0.0 2684	38 32.3 2953
15	71 2.2 2620	68 37.2 2701	65 34.1 2688	31 37.0 2661	37 1.1 2935
18	72 40.6 2604	70 13.8 2683	67 11.0 2670	33 14.5 2640	35 29.5 2918
21	74 19.5 2587	71 50.9 2664	68 48.4 2652	34 52.5 2619	33 57.6 2900