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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
3 UT	+Sun	–Alphard	–Regulus	–Denebola	–Saturn
0	13 15.5 3024	64 15.9 2941	64 37.7 2700	86 32.2 2885	105 9.5 2713
3	14 45.2 3011	62 44.4 2940	63 1.1 2692	84 59.6 2877	103 33.1 2703
6	16 15.2 2999	61 13.0 2939	61 24.2 2683	83 26.8 2869	101 56.5 2693
9	17 45.4 2988	59 41.5 2939	59 47.2 2675	81 53.8 2861	100 19.7 2684
12	19 15.9 2976	58 10.0 2940	58 10.0 2666	80 20.7 2854	98 42.7 2674
15	20 46.6 2966	56 38.6 2943	56 32.6 2658	78 47.4 2848	97 5.5 2665
18	22 17.5 2956	55 7.2 2947	54 55.0 2651	77 14.0 2841	95 28.0 2656
21	23 48.6 2945	53 35.9 2952	53 17.2 2643	75 40.4 2836	93 50.4 2647
4 UT	+Sun	–Regulus	–Denebola	–Saturn	–Spica
0	25 20.0 2935	51 39.3 2635	74 6.7 2830	92 12.5 2638	105 34.7 2608
3	26 51.5 2925	50 1.2 2628	72 32.9 2826	90 34.5 2629	103 56.0 2600
6	28 23.3 2915	48 22.9 2621	70 59.0 2822	88 56.2 2621	102 17.1 2591
9	29 55.3 2905	46 44.5 2614	69 25.1 2818	87 17.8 2612	100 38.0 2582
12	31 27.5 2896	45 5.9 2608	67 51.0 2815	85 39.2 2604	98 58.7 2574
15	32 59.9 2887	43 27.2 2602	66 16.9 2814	84 0.3 2596	97 19.2 2565
18	34 32.5 2877	41 48.3 2596	64 42.7 2812	82 21.3 2588	95 39.5 2557
21	36 5.3 2868	40 9.3 2591	63 8.5 2812	80 42.2 2580	93 59.6 2548
5 UT	+Sun	–Regulus	–Gienah	–Saturn	–Spica
0	37 38.2 2859	38 30.2 2586	79 1.1 2598	79 2.8 2572	92 19.5 2540
3	39 11.4 2850	36 51.0 2582	77 22.2 2591	77 23.2 2565	90 39.2 2532
6	40 44.8 2841	35 11.7 2579	75 43.1 2584	75 43.5 2557	88 58.7 2524
9	42 18.4 2833	33 32.3 2576	74 3.8 2577	74 3.6 2550	87 18.1 2516
12	43 52.1 2823	31 52.9 2575	72 24.4 2570	72 23.6 2543	85 37.2 2508
15	45 26.1 2815	30 13.4 2575	70 44.8 2564	70 43.4 2536	83 56.2 2500
18	47 0.2 2807	28 33.9 2576	69 5.0 2557	69 3.0 2529	82 15.0 2492
21	48 34.5 2799	26 54.4 2579	67 25.2 2551	67 22.4 2523	80 33.6 2485
6 UT	+Sun	–Regulus	–Saturn	–Gienah	–Spica
0	50 9.0 2790	25 15.0 2584	65 41.8 2516	65 45.1 2546	78 52.0 2477
3	51 43.6 2781	23 35.8 2593	64 0.9 2510	64 5.0 2540	77 10.3 2469
6	53 18.5 2774	21 56.7 2606	62 19.9 2504	62 24.7 2535	75 28.4 2462
9	54 53.5 2765	20 17.9 2624	60 38.8 2498	60 44.3 2530	73 46.3 2455
12	56 28.7 2757	18 39.6 2651	58 57.6 2493	59 3.8 2525	72 4.0 2447
15	58 4.1 2749	17 1.8 2688	57 16.2 2488	57 23.2 2521	70 21.6 2440
18	59 39.7 2741	15 24.9 2742	55 34.7 2482	55 42.5 2517	68 38.9 2433
21	61 15.4 2733	13 49.2 2823	53 53.1 2478	54 1.6 2514	66 56.1 2426
7 UT	+Sun	–Saturn	–Gienah	–Spica	–Zubenelgen
0	62 51.4 2726	52 11.4 2474	52 20.8 2512	65 13.2 2419	86 34.6 2422
3	64 27.4 2718	50 29.6 2470	50 39.8 2509	63 30.1 2411	84 51.5 2415
6	66 3.7 2711	48 47.6 2467	48 58.8 2508	61 46.8 2405	83 8.3 2408
9	67 40.1 2703	47 5.7 2463	47 17.8 2507	60 3.3 2398	81 25.0 2401
12	69 16.7 2695	45 23.6 2462	45 36.8 2507	58 19.7 2391	79 41.4 2394
15	70 53.5 2688	43 41.5 2460	43 55.7 2508	56 35.9 2384	77 57.7 2387
18	72 30.4 2681	41 59.3 2459	42 14.7 2510	54 52.0 2378	76 13.8 2381
21	74 7.5 2673	40 17.2 2459	40 33.7 2513	53 7.9 2371	74 29.8 2374

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8 UT	+Sun	–Saturn	–Spica	–Zubenelgen	–Antares
0	75 44.7 2666	38 35.0 2460	51 23.6 2365	72 45.6 2368	96 53.9 2366
3	77 22.2 2658	36 52.9 2462	49 39.2 2358	71 1.3 2361	95 9.5 2359
6	78 59.7 2652	35 10.8 2466	47 54.7 2353	69 16.8 2355	93 24.9 2352
9	80 37.5 2644	33 28.8 2471	46 10.0 2346	67 32.1 2348	91 40.2 2346
12	82 15.4 2638	31 46.9 2479	44 25.1 2341	65 47.3 2342	89 55.3 2339
15	83 53.4 2630	30 5.2 2490	42 40.1 2335	64 2.4 2336	88 10.3 2333
18	85 31.6 2624	28 23.7 2504	40 55.0 2329	62 17.3 2331	86 25.1 2327
21	87 10.0 2617	26 42.6 2522	39 9.7 2324	60 32.0 2325	84 39.8 2320
9 UT	+Sun	+Regulus	–Spica	–Zubenelgen	–Antares
0	88 48.5 2610	17 35.7 2502	37 24.3 2319	58 46.7 2319	82 54.3 2314
3	90 27.2 2605	19 16.9 2464	35 38.8 2314	57 1.1 2314	81 8.7 2309
6	92 6.0 2598	20 58.9 2434	33 53.2 2309	55 15.5 2308	79 22.9 2303
9	93 44.9 2592	22 41.7 2409	32 7.4 2305	53 29.7 2303	77 37.0 2297
12	95 24.0 2586	24 25.0 2388	30 21.5 2301	51 43.8 2298	75 51.0 2292
15	97 3.2 2580	26 8.9 2370	28 35.6 2298	49 57.8 2293	74 4.8 2286
18	98 42.6 2574	27 53.2 2355	26 49.5 2295	48 11.6 2289	72 18.5 2282
21	100 22.1 2569	29 37.8 2341	25 3.4 2292	46 25.4 2285	70 32.0 2276
10 UT	+Sun	+Regulus	–Spica	–Zubenelgen	–Antares
0	102 1.7 2563	31 22.8 2329	23 17.3 2292	44 39.0 2281	68 45.5 2272
3	103 41.4 2558	33 8.1 2318	21 31.1 2292	42 52.6 2277	66 58.8 2267
6	105 21.3 2553	34 53.6 2308	19 44.9 2293	41 6.1 2274	65 12.0 2262
9	107 1.3 2549	36 39.4 2300	17 58.8 2297	39 19.4 2271	63 25.1 2258
12	108 41.4 2543	38 25.3 2291	16 12.7 2304	37 32.8 2269	61 38.1 2254
15	110 21.6 2539	40 11.5 2284	14 26.8 2317	35 46.0 2267	59 51.0 2251
18	112 1.9 2535	41 57.9 2277	12 41.3 2338	33 59.2 2266	58 3.8 2247
21	113 42.3 2531	43 44.4 2271	10 56.2 2373	32 12.4 2265	56 16.5 2244
11 UT	+Regulus	–Antares	–Sabik	–Shaula	–Nunki
0	45 31.1 2265	54 29.2 2241	63 55.1 2279	68 57.4 2379	87 1.8 2247
3	47 18.0 2260	52 41.7 2238	62 8.6 2277	67 13.4 2380	85 14.5 2244
6	49 4.9 2256	50 54.2 2236	60 22.0 2276	65 29.3 2382	83 27.2 2242
9	50 52.0 2251	49 6.7 2234	58 35.5 2276	63 45.3 2384	81 39.8 2239
12	52 39.1 2248	47 19.1 2233	56 48.9 2276	62 1.4 2387	79 52.3 2237
15	54 26.4 2244	45 31.5 2232	55 2.3 2276	60 17.5 2391	78 4.8 2235
18	56 13.8 2241	43 43.8 2231	53 15.7 2277	58 33.7 2397	76 17.2 2234
21	58 1.2 2239	41 56.1 2231	51 29.2 2279	56 50.1 2403	74 29.6 2233
12 UT	+Regulus	+Saturn	+Spica	–Antares	–Nunki
0	59 48.7 2237	20 23.3 2525	6 4.0 2522	40 8.4 2231	72 42.0 2232
3	61 36.2 2235	22 3.9 2480	7 44.7 2405	38 20.7 2231	70 54.3 2232
6	63 23.8 2234	23 45.6 2443	9 28.1 2344	36 33.1 2233	69 6.6 2232
9	65 11.3 2234	25 28.2 2415	11 13.0 2307	34 45.4 2235	67 19.0 2233
12	66 59.0 2233	27 11.4 2392	12 58.8 2285	32 57.9 2238	65 31.4 2233
15	68 46.6 2233	28 55.1 2373	14 45.2 2270	31 10.4 2241	63 43.7 2234
18	70 34.2 2234	30 39.4 2358	16 31.9 2260	29 22.9 2246	61 56.1 2237
21	72 21.8 2235	32 24.0 2345	18 18.9 2253	27 35.6 2251	60 8.6 2239

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13 UT	+Regulus	+Saturn	+Spica	–Antares	–Nunki
0	74 9.4 2237	34 8.8 2336	20 6.0 2249	25 48.4 2258	58 21.1 2242
3	75 56.9 2238	35 53.9 2328	21 53.2 2246	24 1.4 2266	56 33.7 2245
6	77 44.4 2241	37 39.2 2323	23 40.5 2246	22 14.6 2277	54 46.4 2249
9	79 31.8 2244	39 24.7 2318	25 27.9 2246	20 28.1 2291	52 59.1 2253
12	81 19.2 2247	41 10.2 2315	27 15.2 2247	18 41.9 2308	51 12.0 2258
15	83 6.5 2251	42 55.8 2313	29 2.5 2249	16 56.1 2330	49 25.0 2264
18	84 53.6 2255	44 41.5 2313	30 49.7 2252	15 10.9 2360	47 38.1 2270
21	86 40.7 2260	46 27.1 2313	32 36.9 2255	13 26.3 2401	45 51.4 2277
14 UT	+Gienah	+Saturn	+Spica	+Zubenelgen	–Nunki
0	48 29.1 2351	48 12.8 2314	34 24.0 2259	13 25.6 2391	44 4.9 2284
3	50 13.8 2351	49 58.4 2317	36 11.0 2263	15 9.4 2367	42 18.5 2293
6	51 58.6 2352	51 44.0 2320	37 57.8 2268	16 53.7 2352	40 32.3 2302
9	53 43.3 2355	53 29.5 2324	39 44.6 2274	18 38.4 2342	38 46.4 2312
12	55 27.9 2358	55 14.9 2328	41 31.2 2280	20 23.4 2337	37 0.7 2323
15	57 12.5 2362	57 0.2 2333	43 17.7 2287	22 8.5 2335	35 15.3 2335
18	58 57.0 2367	58 45.3 2339	45 4.0 2295	23 53.6 2336	33 30.1 2348
21	60 41.4 2372	60 30.4 2346	46 50.1 2302	25 38.7 2338	31 45.3 2363
15 UT	+Saturn	+Spica	+Zubenelgen	+Antares	–Nunki
0	62 15.2 2353	48 36.0 2310	27 23.7 2342	4 28.2 3530	30 0.9 2379
3	63 59.9 2360	50 21.7 2319	29 8.7 2346	5 48.0 2972	28 16.8 2397
6	65 44.5 2368	52 7.2 2328	30 53.6 2353	7 18.8 2727	26 33.2 2417
9	67 28.8 2377	53 52.5 2337	32 38.3 2359	8 54.9 2604	24 50.0 2441
12	69 12.9 2386	55 37.6 2347	34 22.8 2368	10 33.7 2538	23 7.4 2468
15	70 56.8 2396	57 22.4 2357	36 7.2 2375	12 14.0 2500	21 25.4 2499
18	72 40.5 2406	59 7.0 2368	37 51.3 2385	13 55.2 2478	19 44.2 2538
21	74 23.9 2416	60 51.4 2379	39 35.2 2394	15 36.9 2467	18 3.9 2585
16 UT	+Saturn	+Spica	+Zubenelgen	+Antares	–Jupiter
0	76 7.1 2427	62 35.4 2391	41 19.0 2404	17 18.9 2462	125 41.5 2473
3	77 50.0 2439	64 19.2 2402	43 2.4 2415	19 1.0 2461	123 59.6 2484
6	79 32.7 2451	66 2.7 2414	44 45.6 2426	20 43.1 2464	122 18.0 2495
9	81 15.0 2462	67 46.0 2427	46 28.6 2438	22 25.2 2469	120 36.7 2506
12	82 57.1 2475	69 28.9 2439	48 11.2 2449	24 7.1 2476	118 55.6 2519
15	84 38.9 2489	71 11.5 2452	49 53.6 2462	25 48.9 2484	117 14.9 2531
18	86 20.4 2501	72 53.9 2465	51 35.7 2474	27 30.5 2493	115 34.4 2544
21	88 1.6 2514	74 35.9 2479	53 17.5 2487	29 11.8 2504	113 54.2 2557
17 UT	+Saturn	+Spica	+Zubenelgen	+Antares	–Jupiter
0	89 42.5 2529	76 17.6 2492	54 59.1 2501	30 53.0 2515	112 14.3 2570
3	91 23.0 2542	77 59.0 2506	56 40.3 2514	32 33.8 2526	110 34.7 2584
6	93 3.2 2557	79 40.1 2520	58 21.1 2528	34 14.4 2538	108 55.4 2598
9	94 43.1 2571	81 20.8 2534	60 1.7 2541	35 54.8 2550	107 16.5 2611
12	96 22.7 2586	83 1.2 2549	61 42.0 2555	37 34.8 2563	105 37.8 2626
15	98 1.9 2601	84 41.3 2563	63 21.9 2570	39 14.5 2577	103 59.5 2640
18	99 40.8 2616	86 21.0 2578	65 1.5 2584	40 54.0 2590	102 21.5 2654
21	101 19.4 2631	88 0.5 2593	66 40.8 2598	42 33.1 2604	100 43.8 2669

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18 UT	+Spica	+Antares	+Sabik	+Nunki	–Jupiter
0	89 39.5 2607	44 11.9 2618	35 34.7 2715	12 35.5 2963	99 6.5 2684
3	91 18.3 2622	45 50.4 2632	37 11.0 2722	14 6.5 2904	97 29.5 2699
6	92 56.7 2637	47 28.6 2646	38 47.1 2730	15 38.7 2866	95 52.8 2714
9	94 34.8 2652	49 6.5 2660	40 23.1 2738	17 11.7 2841	94 16.4 2729
12	96 12.5 2667	50 44.0 2675	41 58.9 2748	18 45.3 2827	92 40.4 2744
15	97 49.9 2681	52 21.2 2689	43 34.5 2757	20 19.2 2818	91 4.7 2758
18	99 27.0 2697	53 58.2 2703	45 9.9 2768	21 53.2 2814	89 29.3 2774
21	101 3.7 2711	55 34.7 2717	46 45.1 2779	23 27.4 2814	87 54.3 2788
19 UT	+Antares	+Sabik	+Nunki	–Jupiter	–Venus
0	57 11.0 2732	48 20.0 2790	25 1.5 2816	86 19.6 2803	124 51.0 3157
3	58 47.0 2746	49 54.7 2802	26 35.6 2821	84 45.2 2818	123 24.0 3173
6	60 22.6 2760	51 29.1 2813	28 9.6 2827	83 11.1 2833	121 57.3 3188
9	61 57.9 2774	53 3.3 2825	29 43.5 2834	81 37.4 2847	120 30.9 3204
12	63 32.9 2788	54 37.2 2837	31 17.2 2842	80 4.0 2862	119 4.8 3220
15	65 7.7 2802	56 10.8 2849	32 50.7 2851	78 30.8 2876	117 39.1 3235
18	66 42.1 2816	57 44.2 2860	34 24.1 2860	76 58.0 2890	116 13.6 3250
21	68 16.2 2829	59 17.4 2872	35 57.2 2870	75 25.5 2904	114 48.5 3265
20 UT	+Antares	+Kaus Aust.	+Nunki	–Jupiter	–Venus
0	69 50.0 2842	46 26.2 3018	37 30.2 2880	73 53.3 2918	113 23.6 3280
3	71 23.6 2855	47 56.0 3023	39 2.9 2890	72 21.3 2931	111 59.0 3294
6	72 56.8 2868	49 25.8 3027	40 35.4 2900	70 49.7 2945	110 34.7 3308
9	74 29.8 2880	50 55.4 3033	42 7.7 2911	69 18.4 2957	109 10.7 3322
12	76 2.6 2892	52 24.9 3039	43 39.8 2921	67 47.3 2971	107 46.9 3335
15	77 35.0 2904	53 54.3 3045	45 11.6 2931	66 16.5 2983	106 23.4 3348
18	79 7.2 2916	55 23.6 3051	46 43.3 2941	64 45.9 2995	105 0.2 3361
21	80 39.2 2927	56 52.7 3057	48 14.7 2951	63 15.6 3008	103 37.2 3374
21 UT	+Nunki	–Jupiter	–Hamal	–Venus	–Sun
0	49 46.0 2961	61 45.6 3019	65 42.4 2962	102 14.4 3386	117 32.4 3283
3	51 17.0 2970	60 15.8 3031	64 11.4 2973	100 51.9 3398	116 7.9 3294
6	52 47.8 2979	58 46.2 3042	62 40.6 2984	99 29.6 3410	114 43.6 3305
9	54 18.5 2988	57 16.9 3053	61 10.1 2995	98 7.5 3420	113 19.5 3316
12	55 48.9 2996	55 47.8 3063	59 39.8 3006	96 45.6 3430	111 55.6 3326
15	57 19.2 3005	54 18.9 3074	58 9.7 3016	95 23.9 3441	110 31.9 3337
18	58 49.3 3013	52 50.2 3083	56 39.8 3026	94 2.4 3451	109 8.4 3345
21	60 19.2 3021	51 21.7 3094	55 10.2 3036	92 41.1 3460	107 45.1 3355
22 UT	+Nunki	–Jupiter	–Hamal	–Venus	–Sun
0	61 49.0 3028	49 53.4 3102	53 40.7 3045	91 20.0 3468	106 22.0 3363
3	63 18.6 3035	48 25.3 3112	52 11.4 3055	89 59.0 3477	104 59.1 3372
6	64 48.1 3041	46 57.4 3120	50 42.4 3064	88 38.2 3485	103 36.3 3379
9	66 17.4 3047	45 29.6 3128	49 13.5 3072	87 17.5 3491	102 13.6 3386
12	67 46.7 3053	44 2.1 3136	47 44.7 3080	85 56.9 3498	100 51.1 3393
15	69 15.8 3059	42 34.6 3145	46 16.2 3089	84 36.5 3505	99 28.7 3399
18	70 44.8 3063	41 7.4 3152	44 47.8 3096	83 16.2 3511	98 6.4 3405
21	72 13.7 3067	39 40.3 3159	43 19.6 3104	81 56.0 3516	96 44.2 3410

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23 UT	+Nunki	–Jupiter	–Hamal	–Venus	–Sun
0	73 42.5 3072	38 13.3 3167	41 51.5 3112	80 35.9 3521	95 22.1 3415
3	75 11.2 3075	36 46.5 3174	40 23.6 3119	79 15.9 3524	94 0.2 3419
6	76 39.9 3078	35 19.9 3181	38 55.8 3126	77 56.0 3528	92 38.2 3422
9	78 8.5 3081	33 53.3 3188	37 28.2 3134	76 36.1 3532	91 16.4 3426
12	79 37.0 3083	32 27.0 3195	36 0.7 3142	75 16.3 3534	89 54.6 3428
15	81 5.5 3085	31 0.7 3203	34 33.4 3149	73 56.5 3536	88 32.9 3430
18	82 34.0 3086	29 34.6 3211	33 6.3 3158	72 36.8 3538	87 11.2 3431
21	84 2.4 3087	28 8.7 3219	31 39.3 3166	71 17.1 3538	85 49.5 3433
24 UT	+Nunki	–Jupiter	–Hamal	–Venus	–Sun
0	85 30.8 3087	26 42.9 3228	30 12.5 3176	69 57.4 3539	84 27.9 3433
3	86 59.2 3087	25 17.3 3240	28 45.8 3186	68 37.7 3539	83 6.2 3433
6	88 27.6 3086	23 52.0 3251	27 19.4 3198	67 18.1 3538	81 44.6 3432
9	89 56.1 3085	22 26.8 3266	25 53.2 3212	65 58.4 3537	80 22.9 3432
12	91 24.5 3084	21 2.0 3282	24 27.3 3227	64 38.7 3535	79 1.3 3430
15	92 53.0 3082	19 37.4 3303	23 1.7 3246	63 18.9 3533	77 39.5 3427
18	94 21.5 3079	18 13.3 3330	21 36.5 3269	61 59.1 3530	76 17.8 3425
21	95 50.1 3076	16 49.7 3364	20 11.7 3297	60 39.3 3527	74 56.0 3422
25 UT	+Altair	+Enif	–Jupiter	–Venus	–Sun
0	76 56.2 3541	49 8.8 3406	15 26.8 3411	59 19.4 3523	73 34.1 3418
3	78 15.9 3532	50 31.0 3388	14 4.7 3472	57 59.4 3519	72 12.2 3414
6	79 35.7 3523	51 53.5 3370	12 43.8 3559	56 39.4 3514	70 50.2 3409
9	80 55.6 3514	53 16.3 3353	11 24.5 3683	55 19.2 3509	69 28.1 3404
12	82 15.8 3506	54 39.5 3337	10 7.4 3871	53 59.0 3503	68 6.0 3399
15	83 36.1 3498	56 3.0 3321	8 53.6 4169	52 38.7 3497	66 43.7 3392
18	84 56.5 3490	57 26.7 3305	7 44.7 4667	51 18.2 3490	65 21.3 3387
21	86 17.1 3482	58 50.8 3291	6 43.2 5565	49 57.6 3483	63 58.7 3380
26 UT	+Fomalhaut	+Enif	+Markab	–Venus	–Sun
0	61 45.1 3627	60 15.2 3275	39 58.7 3341	48 36.9 3475	62 36.1 3372
3	63 3.2 3604	61 39.8 3261	41 22.1 3314	47 16.1 3467	61 13.3 3364
6	64 21.7 3581	63 4.8 3246	42 46.0 3290	45 55.1 3459	59 50.3 3356
9	65 40.6 3559	64 30.0 3232	44 10.4 3266	44 33.9 3450	58 27.2 3348
12	66 59.9 3539	65 55.5 3219	45 35.2 3245	43 12.6 3441	57 4.0 3339
15	68 19.6 3518	67 21.3 3204	47 0.5 3223	41 51.1 3431	55 40.5 3329
18	69 39.6 3499	68 47.4 3191	48 26.2 3203	40 29.4 3421	54 16.9 3320
21	71 0.0 3480	70 13.7 3178	49 52.3 3183	39 7.6 3411	52 53.1 3310
27 UT	+Fomalhaut	+Enif	+Markab	+Jupiter	–Sun
0	72 20.8 3461	71 40.3 3164	51 18.8 3164	10 25.3 3547	51 29.1 3299
3	73 41.9 3443	73 7.1 3150	52 45.6 3145	11 44.8 3415	50 4.9 3289
6	75 3.4 3426	74 34.3 3138	54 12.9 3127	13 6.8 3320	48 40.5 3278
9	76 25.1 3409	76 1.6 3124	55 40.5 3109	14 30.6 3247	47 15.9 3266
12	77 47.3 3392	77 29.3 3111	57 8.4 3092	15 55.8 3191	45 51.1 3255
15	79 9.7 3377	78 57.3 3098	58 36.7 3075	17 22.1 3144	44 26.0 3244
18	80 32.4 3361	80 25.4 3084	60 5.4 3058	18 49.4 3105	43 0.7 3231
21	81 55.4 3346	81 53.9 3072	61 34.4 3042	20 17.5 3072	41 35.2 3219

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Markab	+Alpheratz	+Jupiter	+Hamal	-Sun
0	63 3.7 3026	46 4.8 3444	21 46.2 3042	19 27.7 3081	40 9.4 3207
3	64 33.4 3010	47 26.2 3404	23 15.5 3015	20 56.3 3040	38 43.4 3195
6	66 3.4 2993	48 48.4 3366	24 45.4 2991	22 25.7 3003	37 17.2 3182
9	67 33.7 2978	50 11.3 3330	26 15.8 2969	23 55.8 2973	35 50.7 3169
12	69 4.4 2963	51 34.9 3297	27 46.6 2948	25 26.6 2944	34 23.9 3157
15	70 35.4 2947	52 59.2 3264	29 17.9 2928	26 58.0 2918	32 56.9 3143
18	72 6.7 2932	54 24.1 3234	30 49.7 2909	28 29.9 2893	31 29.6 3130
21	73 38.3 2917	55 49.5 3205	32 21.8 2891	30 2.3 2871	30 2.1 3117
29 UT	+Markab	+Alpheratz	+Jupiter	+Hamal	-Sun
0	75 10.2 2903	57 15.6 3177	33 54.3 2873	31 35.2 2850	28 34.3 3104
3	76 42.5 2888	58 42.2 3150	35 27.1 2856	33 8.6 2830	27 6.2 3091
6	78 15.0 2874	60 9.3 3125	37 0.4 2840	34 42.4 2812	25 37.9 3078
9	79 47.9 2860	61 36.9 3101	38 34.0 2824	36 16.6 2793	24 9.3 3065
12	81 21.1 2846	63 5.1 3077	40 7.9 2808	37 51.2 2775	22 40.4 3053
15	82 54.5 2832	64 33.7 3055	41 42.2 2793	39 26.2 2758	21 11.3 3041
18	84 28.3 2819	66 2.7 3034	43 16.8 2777	41 1.6 2741	19 41.9 3028
21	86 2.3 2806	67 32.2 3013	44 51.8 2762	42 37.3 2726	18 12.3 3017