

## JULY 2011

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>2 UT</b>	<b>+Sun</b>	<b>–Regulus</b>	<b>–Gienah</b>	<b>–Saturn</b>	<b>–Spica</b>
0	8 8.6 2846	42 24.1 2516	82 54.4 2534	83 11.1 2521	96 15.6 2478
3	9 42.1 2820	40 43.3 2509	81 14.0 2525	81 30.3 2512	94 33.9 2468
6	11 16.1 2799	39 2.3 2503	79 33.3 2517	79 49.4 2503	92 51.9 2458
9	12 50.6 2782	37 21.2 2497	77 52.5 2508	78 8.3 2494	91 9.8 2449
12	14 25.5 2768	35 39.9 2493	76 11.5 2500	76 26.9 2486	89 27.3 2440
15	16 0.6 2754	33 58.5 2489	74 30.3 2492	74 45.4 2477	87 44.7 2431
18	17 36.1 2743	32 17.0 2487	72 48.9 2484	73 3.6 2470	86 1.9 2422
21	19 11.8 2732	30 35.5 2486	71 7.3 2477	71 21.7 2462	84 18.8 2414
<b>3 UT</b>	<b>+Sun</b>	<b>–Regulus</b>	<b>–Gienah</b>	<b>–Saturn</b>	<b>–Spica</b>
0	20 47.7 2721	28 54.0 2486	69 25.5 2471	69 39.6 2455	82 35.6 2406
3	22 23.9 2712	27 12.5 2489	67 43.6 2465	67 57.3 2448	80 52.2 2398
6	24 0.3 2703	25 31.0 2495	66 1.6 2459	66 14.9 2442	79 8.5 2390
9	25 36.9 2694	23 49.7 2503	64 19.4 2454	64 32.3 2436	77 24.8 2383
12	27 13.7 2686	22 8.5 2516	62 37.2 2449	62 49.6 2430	75 40.8 2376
15	28 50.6 2678	20 27.7 2535	60 54.8 2445	61 6.8 2425	73 56.6 2370
18	30 27.8 2671	18 47.3 2562	59 12.3 2442	59 23.8 2421	72 12.4 2363
21	32 5.1 2664	17 7.5 2600	57 29.7 2439	57 40.7 2416	70 27.9 2357
<b>4 UT</b>	<b>+Sun</b>	<b>–Gienah</b>	<b>–Saturn</b>	<b>–Spica</b>	<b>–Zubenelgen</b>
0	33 42.5 2657	55 47.1 2437	55 57.6 2413	68 43.3 2352	90 4.5 2355
3	35 20.2 2651	54 4.4 2435	54 14.3 2410	66 58.6 2346	88 19.9 2350
6	36 57.9 2645	52 21.6 2435	52 31.0 2408	65 13.7 2341	86 35.1 2344
9	38 35.8 2639	50 38.9 2435	50 47.6 2405	63 28.7 2336	84 50.2 2339
12	40 13.8 2634	48 56.2 2436	49 4.1 2404	61 43.6 2331	83 5.2 2335
15	41 52.0 2629	47 13.4 2438	47 20.7 2404	59 58.4 2327	81 20.1 2331
18	43 30.2 2624	45 30.8 2440	45 37.2 2404	58 13.1 2323	79 34.8 2326
21	45 8.6 2620	43 48.2 2445	43 53.7 2405	56 27.7 2319	77 49.5 2322
<b>5 UT</b>	<b>+Sun</b>	<b>–Saturn</b>	<b>–Spica</b>	<b>–Zubenelgen</b>	<b>–Antares</b>
0	46 47.0 2616	42 10.3 2406	54 42.2 2316	76 4.0 2318	100 12.6 2317
3	48 25.6 2612	40 26.8 2410	52 56.6 2313	74 18.5 2316	98 27.1 2314
6	50 4.2 2608	38 43.5 2413	51 10.9 2309	72 32.9 2312	96 41.4 2310
9	51 42.9 2605	37 0.3 2419	49 25.1 2307	70 47.2 2309	94 55.7 2307
12	53 21.7 2602	35 17.2 2426	47 39.3 2305	69 1.5 2307	93 9.9 2305
15	55 0.6 2599	33 34.2 2435	45 53.5 2303	67 15.7 2305	91 24.0 2302
18	56 39.5 2596	31 51.5 2446	44 7.6 2301	65 29.8 2302	89 38.1 2300
21	58 18.5 2594	30 9.0 2460	42 21.6 2299	63 43.9 2301	87 52.1 2297
<b>6 UT</b>	<b>+Sun</b>	<b>+Regulus</b>	<b>–Spica</b>	<b>–Zubenelgen</b>	<b>–Antares</b>
0	59 57.5 2592	14 34.2 2567	40 35.6 2298	61 57.9 2299	86 6.1 2296
3	61 36.6 2590	16 13.9 2511	38 49.6 2297	60 11.9 2297	84 20.0 2294
6	63 15.7 2589	17 54.8 2471	37 3.5 2297	58 25.9 2297	82 33.8 2293
9	64 54.9 2588	19 36.7 2440	35 17.4 2296	56 39.8 2296	80 47.7 2291
12	66 34.1 2586	21 19.3 2416	33 31.4 2296	54 53.7 2295	79 1.5 2290
15	68 13.3 2585	23 2.5 2397	31 45.3 2297	53 7.6 2295	77 15.3 2289
18	69 52.6 2584	24 46.2 2382	29 59.2 2298	51 21.5 2295	75 29.0 2289
21	71 31.8 2583	26 30.2 2369	28 13.2 2299	49 35.4 2295	73 42.8 2288

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>7 UT</b>	<b>+Sun</b>	<b>+Regulus</b>	<b>–Spica</b>	<b>–Zubenelgen</b>	<b>–Antares</b>
0	73 11.1 2583	28 14.5 2359	26 27.2 2301	47 49.3 2295	71 56.5 2288
3	74 50.4 2583	29 59.1 2351	24 41.2 2304	46 3.2 2296	70 10.2 2288
6	76 29.7 2583	31 43.8 2344	22 55.4 2308	44 17.2 2297	68 24.0 2288
9	78 9.0 2583	33 28.7 2338	21 9.6 2313	42 31.1 2299	66 37.7 2289
12	79 48.3 2583	35 13.8 2333	19 23.9 2319	40 45.1 2300	64 51.4 2288
15	81 27.6 2584	36 59.0 2329	17 38.4 2329	38 59.1 2302	63 5.2 2290
18	83 6.9 2584	38 44.2 2326	15 53.1 2341	37 13.2 2304	61 18.9 2290
21	84 46.2 2584	40 29.6 2323	14 8.1 2358	35 27.3 2307	59 32.7 2291
<b>8 UT</b>	<b>+Sun</b>	<b>+Denebola</b>	<b>–Antares</b>	<b>–Sabik</b>	<b>–Shaula</b>
0	86 25.4 2586	26 26.0 3528	57 46.5 2293	67 10.3 2328	72 9.3 2426
3	88 4.6 2587	27 45.8 3389	56 0.4 2294	65 25.0 2330	70 26.3 2430
6	89 43.9 2588	29 8.3 3273	54 14.2 2295	63 39.7 2333	68 43.4 2434
9	91 23.0 2589	30 33.0 3174	52 28.1 2297	61 54.6 2336	67 0.7 2439
12	93 2.2 2591	31 59.7 3092	50 42.1 2299	60 9.4 2339	65 18.1 2445
15	94 41.3 2592	33 28.0 3020	48 56.1 2301	58 24.4 2342	63 35.6 2452
18	96 20.4 2594	34 57.8 2960	47 10.1 2304	56 39.4 2346	61 53.2 2459
21	97 59.4 2596	36 28.8 2908	45 24.2 2306	54 54.6 2350	60 11.0 2467
<b>9 UT</b>	<b>+Sun</b>	<b>+Saturn</b>	<b>–Antares</b>	<b>–Kaus Aust.</b>	<b>–Nunki</b>
0	99 38.4 2598	16 37.7 2759	43 38.4 2309	68 39.8 2407	76 11.9 2312
3	101 17.4 2600	18 13.0 2683	41 52.6 2312	66 56.4 2412	74 26.2 2314
6	102 56.3 2603	19 50.0 2627	40 7.0 2316	65 13.1 2418	72 40.6 2317
9	104 35.2 2605	21 28.3 2583	38 21.4 2319	63 30.0 2424	70 55.0 2319
12	106 13.9 2608	23 7.6 2549	36 35.8 2324	61 47.0 2431	69 9.5 2322
15	107 52.7 2610	24 47.7 2522	34 50.4 2328	60 4.1 2437	67 24.1 2325
18	109 31.3 2614	26 28.4 2502	33 5.1 2333	58 21.5 2445	65 38.7 2329
21	111 9.9 2617	28 9.5 2485	31 20.0 2339	56 39.0 2454	63 53.4 2332
<b>10 UT</b>	<b>+Sun</b>	<b>+Saturn</b>	<b>+Spica</b>	<b>–Antares</b>	<b>–Nunki</b>
0	112 48.5 2620	29 51.1 2471	16 20.0 2359	29 34.9 2345	62 8.2 2336
3	114 26.9 2624	31 33.0 2461	18 4.5 2354	27 50.0 2352	60 23.1 2340
6	116 5.3 2628	33 15.1 2452	19 49.2 2351	26 5.3 2360	58 38.1 2344
9	117 43.5 2631	34 57.4 2446	21 33.9 2350	24 20.8 2370	56 53.2 2348
12	119 21.7 2636	36 39.9 2441	23 18.7 2350	22 36.5 2381	55 8.4 2354
15	120 59.8 2640	38 22.5 2437	25 3.5 2351	20 52.5 2394	53 23.7 2358
18	122 37.8 2645	40 5.2 2435	26 48.2 2352	19 8.8 2411	51 39.1 2364
21	124 15.7 2649	41 47.9 2434	28 32.9 2355	17 25.5 2431	49 54.7 2370
<b>11 UT</b>	<b>+Gienah</b>	<b>+Saturn</b>	<b>+Spica</b>	<b>–Kaus Aust.</b>	<b>–Nunki</b>
0	44 28.9 2463	43 30.7 2432	30 17.6 2357	41 28.3 2580	48 10.4 2375
3	46 11.0 2461	45 13.5 2433	32 2.2 2361	39 48.9 2602	46 26.2 2382
6	47 53.1 2459	46 56.3 2434	33 46.7 2364	38 10.0 2628	44 42.2 2389
9	49 35.3 2459	48 39.0 2435	35 31.1 2368	36 31.8 2656	42 58.4 2396
12	51 17.4 2459	50 21.8 2437	37 15.4 2372	34 54.1 2688	41 14.7 2404
15	52 59.6 2460	52 4.5 2440	38 59.7 2377	33 17.2 2726	39 31.3 2413
18	54 41.8 2461	53 47.1 2443	40 43.8 2381	31 41.1 2768	37 48.0 2422
21	56 23.9 2464	55 29.6 2446	42 27.8 2387	30 6.0 2817	36 4.9 2432

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<b>12 UT</b>	+Gienah	+Saturn	+Spica	+Zubenelgen	–Nunki
0	58 5.9 2466	57 12.1 2450	44 11.7 2392	23 1.7 2436	34 22.1 2443
3	59 47.9 2470	58 54.5 2454	45 55.4 2398	24 44.4 2435	32 39.6 2454
6	61 29.8 2473	60 36.8 2459	47 39.1 2404	26 27.1 2437	30 57.3 2468
9	63 11.7 2477	62 18.9 2464	49 22.5 2410	28 9.8 2439	29 15.3 2482
12	64 53.4 2482	64 1.0 2470	51 5.9 2416	29 52.5 2442	27 33.7 2498
15	66 35.0 2488	65 42.9 2476	52 49.1 2423	31 35.0 2446	25 52.5 2517
18	68 16.5 2493	67 24.7 2481	54 32.1 2430	33 17.5 2450	24 11.6 2539
21	69 57.9 2499	69 6.3 2488	56 14.9 2437	34 59.9 2456	22 31.3 2564
<b>13 UT</b>	+Saturn	+Spica	+Zubenelgen	+Antares	–Enif
0	70 47.8 2495	57 57.6 2444	36 42.1 2461	12 48.1 2577	71 40.3 2663
3	72 29.1 2502	59 40.1 2452	38 24.2 2468	14 27.5 2556	70 2.8 2676
6	74 10.3 2510	61 22.5 2460	40 6.2 2474	16 7.4 2544	68 25.6 2690
9	75 51.3 2517	63 4.6 2468	41 48.0 2481	17 47.6 2537	66 48.7 2704
12	77 32.1 2525	64 46.6 2476	43 29.7 2489	19 28.0 2534	65 12.2 2719
15	79 12.7 2534	66 28.4 2485	45 11.1 2496	21 8.4 2534	63 35.9 2735
18	80 53.1 2542	68 9.9 2494	46 52.4 2504	22 48.8 2536	62 0.0 2752
21	82 33.4 2551	69 51.3 2503	48 33.6 2513	24 29.2 2539	60 24.6 2770
<b>14 UT</b>	+Saturn	+Spica	+Zubenelgen	+Antares	–Jupiter
0	84 13.4 2560	71 32.4 2511	50 14.5 2521	26 9.5 2543	121 24.8 2574
3	85 53.2 2570	73 13.4 2521	51 55.2 2530	27 49.7 2550	119 45.3 2583
6	87 32.8 2579	74 54.1 2531	53 35.7 2539	29 29.8 2556	118 6.0 2592
9	89 12.2 2590	76 34.6 2541	55 16.0 2549	31 9.7 2563	116 26.9 2602
12	90 51.3 2599	78 14.8 2550	56 56.1 2558	32 49.4 2571	114 48.0 2611
15	92 30.2 2610	79 54.9 2561	58 35.9 2568	34 29.0 2579	113 9.4 2621
18	94 8.9 2621	81 34.7 2571	60 15.6 2578	36 8.4 2588	111 30.9 2631
21	95 47.4 2631	83 14.2 2582	61 55.0 2588	37 47.6 2597	109 52.7 2641
<b>15 UT</b>	+Spica	+Zubenelgen	+Antares	+Sabik	–Jupiter
0	84 53.6 2592	63 34.2 2599	39 26.6 2606	30 57.2 2732	108 14.7 2651
3	86 32.6 2603	65 13.1 2609	41 5.3 2616	32 33.1 2730	106 37.0 2662
6	88 11.5 2614	66 51.8 2620	42 43.9 2626	34 9.1 2730	104 59.5 2672
9	89 50.1 2625	68 30.2 2631	44 22.2 2636	35 45.1 2732	103 22.2 2683
12	91 28.4 2636	70 8.4 2642	46 0.3 2647	37 21.0 2735	101 45.2 2694
15	93 6.5 2648	71 46.4 2653	47 38.1 2657	38 56.9 2740	100 8.4 2706
18	94 44.3 2659	73 24.1 2664	49 15.7 2668	40 32.7 2745	98 31.9 2717
21	96 21.9 2671	75 1.6 2676	50 53.1 2679	42 8.3 2751	96 55.6 2728
<b>16 UT</b>	+Antares	+Sabik	+Shaula	+Nunki	–Jupiter
0	52 30.2 2690	43 43.9 2758	40 35.2 2985	20 27.4 2817	95 19.6 2740
3	54 7.1 2701	45 19.2 2765	42 5.7 2978	22 1.5 2810	93 43.8 2752
6	55 43.7 2713	46 54.5 2773	43 36.3 2974	23 35.7 2808	92 8.3 2763
9	57 20.1 2724	48 29.5 2781	45 7.1 2971	25 10.0 2807	90 33.0 2775
12	58 56.2 2736	50 4.4 2790	46 37.9 2969	26 44.3 2810	88 58.0 2787
15	60 32.1 2747	51 39.0 2799	48 8.7 2969	28 18.5 2813	87 23.3 2798
18	62 7.7 2758	53 13.5 2808	49 39.6 2970	29 52.7 2818	85 48.8 2810
21	63 43.0 2770	54 47.8 2818	51 10.4 2973	31 26.8 2824	84 14.6 2822

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<b>17 UT</b>	+Antares	+Shaula	+Kaus Aust.	+Nunki	–Jupiter
0	65 18.1 2782	52 41.2 2976	42 5.6 2989	33 0.7 2830	82 40.6 2834
3	66 53.0 2793	54 11.9 2979	43 36.0 2989	34 34.5 2837	81 6.9 2846
6	68 27.6 2805	55 42.5 2984	45 6.4 2990	36 8.1 2846	79 33.4 2858
9	70 1.9 2816	57 13.1 2989	46 36.8 2991	37 41.6 2854	78 0.2 2869
12	71 36.1 2827	58 43.5 2994	48 7.2 2994	39 14.9 2862	76 27.3 2881
15	73 9.9 2839	60 13.8 3000	49 37.5 2998	40 48.0 2871	74 54.6 2893
18	74 43.5 2850	61 44.0 3007	51 7.8 3002	42 20.9 2880	73 22.1 2905
21	76 16.9 2861	63 14.1 3014	52 38.0 3007	43 53.7 2889	71 49.9 2916
<b>18 UT</b>	+Antares	+Kaus Aust.	+Nunki	–Hamal	–Jupiter
0	77 50.0 2872	54 8.0 3012	45 26.2 2898	70 2.4 2894	70 18.0 2927
3	79 22.9 2883	55 38.0 3017	46 58.6 2908	68 30.0 2906	68 46.2 2939
6	80 55.6 2894	57 7.8 3023	48 30.7 2917	66 57.8 2917	67 14.7 2950
9	82 28.0 2904	58 37.5 3029	50 2.7 2926	65 25.8 2928	65 43.5 2961
12	84 0.3 2914	60 7.1 3036	51 34.4 2935	63 54.1 2939	64 12.5 2972
15	85 32.3 2924	61 36.6 3042	53 6.0 2944	62 22.7 2951	62 41.7 2983
18	87 4.1 2934	63 5.9 3049	54 37.3 2953	60 51.4 2962	61 11.1 2993
21	88 35.6 2944	64 35.1 3056	56 8.5 2962	59 20.4 2973	59 40.8 3004
<b>19 UT</b>	+Kaus Aust.	+Nunki	–Hamal	–Jupiter	–Aldebaran
0	66 4.2 3062	57 39.5 2970	57 49.6 2983	58 10.7 3013	90 47.1 2975
3	67 33.1 3069	59 10.3 2979	56 19.1 2994	56 40.7 3024	89 16.3 2984
6	69 1.9 3075	60 41.0 2987	54 48.7 3004	55 11.0 3033	87 45.8 2993
9	70 30.5 3082	62 11.5 2995	53 18.6 3014	53 41.5 3043	86 15.5 3002
12	71 59.1 3089	63 41.8 3003	51 48.7 3025	52 12.2 3052	84 45.3 3011
15	73 27.4 3095	65 11.9 3011	50 19.0 3035	50 43.1 3062	83 15.3 3019
18	74 55.7 3101	66 41.9 3018	48 49.5 3044	49 14.1 3070	81 45.5 3027
21	76 23.8 3107	68 11.7 3025	47 20.2 3054	47 45.4 3079	80 15.9 3034
<b>20 UT</b>	+Nunki	–Hamal	–Jupiter	–Aldebaran	–Sun
0	69 41.4 3031	45 51.2 3064	46 16.8 3087	78 46.4 3042	125 1.1 3378
3	71 11.0 3038	44 22.3 3073	44 48.4 3096	77 17.0 3049	123 38.4 3385
6	72 40.4 3043	42 53.6 3082	43 20.2 3104	75 47.8 3055	122 15.9 3391
9	74 9.7 3050	41 25.1 3092	41 52.1 3112	74 18.8 3062	120 53.5 3398
12	75 38.9 3055	39 56.8 3102	40 24.2 3119	72 49.8 3068	119 31.1 3404
15	77 7.9 3060	38 28.6 3112	38 56.4 3127	71 21.0 3074	118 9.0 3410
18	78 36.9 3064	37 0.7 3121	37 28.8 3135	69 52.3 3079	116 46.9 3414
21	80 5.8 3068	35 33.0 3131	36 1.4 3143	68 23.8 3084	115 24.9 3419
<b>21 UT</b>	+Nunki	–Hamal	–Jupiter	–Aldebaran	–Sun
0	81 34.6 3072	34 5.5 3141	34 34.1 3150	66 55.3 3088	114 3.0 3423
3	83 3.3 3076	32 38.2 3152	33 7.0 3158	65 26.9 3093	112 41.2 3427
6	84 32.0 3079	31 11.1 3164	31 40.0 3166	63 58.6 3097	111 19.4 3431
9	86 0.5 3081	29 44.2 3176	30 13.1 3174	62 30.4 3100	109 57.7 3434
12	87 29.1 3083	28 17.6 3190	28 46.5 3182	61 2.2 3104	108 36.1 3435
15	88 57.6 3085	26 51.3 3205	27 20.0 3191	59 34.2 3107	107 14.5 3438
18	90 26.0 3086	25 25.2 3223	25 53.6 3202	58 6.1 3109	105 52.9 3439
21	91 54.5 3087	23 59.5 3242	24 27.5 3213	56 38.2 3112	104 31.4 3439

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<b>22 UT</b>	<b>+Altair</b>	<b>+Enif</b>	<b>–Jupiter</b>	<b>–Aldebaran</b>	<b>–Sun</b>
0	73 28.3 3573	45 34.9 3470	23 1.6 3226	55 10.3 3113	103 9.9 3441
3	74 47.3 3566	46 55.9 3450	21 36.0 3241	53 42.4 3114	101 48.4 3440
6	76 6.5 3559	48 17.2 3432	20 10.7 3259	52 14.5 3116	100 26.9 3439
9	77 25.8 3552	49 38.8 3416	18 45.7 3282	50 46.7 3117	99 5.3 3439
12	78 45.3 3546	51 0.8 3400	17 21.2 3311	49 18.9 3117	97 43.8 3436
15	80 4.8 3539	52 23.1 3385	15 57.2 3348	47 51.1 3118	96 22.2 3434
18	81 24.5 3533	53 45.6 3370	14 33.9 3398	46 23.3 3118	95 0.6 3432
21	82 44.3 3527	55 8.5 3356	13 11.6 3467	44 55.5 3118	93 38.9 3429
<b>23 UT</b>	<b>+Fomalhaut</b>	<b>+Enif</b>	<b>+Markab</b>	<b>–Aldebaran</b>	<b>–Sun</b>
0	58 14.5 3718	56 31.6 3343	36 20.1 3450	43 27.8 3118	92 17.2 3425
3	59 31.0 3693	57 54.9 3329	37 41.4 3420	41 60.0 3117	90 55.4 3420
6	60 47.9 3671	59 18.5 3317	39 3.3 3393	40 32.2 3117	89 33.5 3416
9	62 5.1 3648	60 42.4 3304	40 25.7 3367	39 4.4 3117	88 11.6 3410
12	63 22.8 3628	62 6.5 3291	41 48.6 3344	37 36.6 3117	86 49.5 3405
15	64 40.9 3608	63 30.9 3279	43 11.9 3321	36 8.8 3118	85 27.3 3399
18	65 59.3 3587	64 55.4 3266	44 35.7 3299	34 41.0 3117	84 5.0 3391
21	67 18.1 3569	66 20.3 3255	45 59.9 3280	33 13.2 3119	82 42.6 3385
<b>24 UT</b>	<b>+Fomalhaut</b>	<b>+Enif</b>	<b>+Markab</b>	<b>–Aldebaran</b>	<b>–Sun</b>
0	68 37.3 3550	67 45.3 3242	47 24.5 3260	31 45.4 3120	81 20.0 3376
3	69 56.7 3532	69 10.7 3229	48 49.5 3241	30 17.7 3123	79 57.3 3368
6	71 16.5 3514	70 36.2 3217	50 14.8 3222	28 50.0 3127	78 34.4 3359
9	72 36.7 3497	72 2.0 3205	51 40.5 3205	27 22.4 3133	77 11.4 3351
12	73 57.1 3480	73 28.1 3192	53 6.5 3187	25 54.9 3141	75 48.2 3341
15	75 17.9 3464	74 54.4 3180	54 32.9 3169	24 27.6 3151	74 24.8 3330
18	76 38.9 3448	76 20.9 3168	55 59.7 3153	23 0.4 3166	73 1.2 3320
21	78 0.3 3432	77 47.7 3154	57 26.8 3136	21 33.6 3186	71 37.4 3309
<b>25 UT</b>	<b>+Markab</b>	<b>+Hamal</b>	<b>+Jupiter</b>	<b>–Aldebaran</b>	<b>–Sun</b>
0	58 54.2 3119	15 26.2 3302	13 51.4 3241	20 7.2 3213	70 13.4 3297
3	60 22.0 3103	16 50.4 3232	15 16.8 3183	18 41.3 3249	68 49.2 3286
6	61 50.1 3086	18 15.9 3174	16 43.3 3136	17 16.1 3299	67 24.7 3274
9	63 18.5 3070	19 42.6 3126	18 10.7 3096	15 51.9 3368	66 0.0 3261
12	64 47.3 3053	21 10.2 3084	19 38.9 3062	14 29.0 3464	64 35.1 3249
15	66 16.4 3037	22 38.6 3048	21 7.8 3032	13 8.0 3602	63 9.9 3235
18	67 45.8 3021	24 7.8 3016	22 37.4 3005	11 49.5 3806	61 44.5 3222
21	69 15.6 3005	25 37.7 2987	24 7.5 2980	10 34.5 4115	60 18.8 3208
<b>26 UT</b>	<b>+Markab</b>	<b>+Alpheratz</b>	<b>+Hamal</b>	<b>+Jupiter</b>	<b>–Sun</b>
0	70 45.7 2988	53 9.7 3306	27 8.2 2959	25 38.1 2956	58 52.8 3194
3	72 16.1 2972	54 33.8 3275	28 39.2 2934	27 9.2 2934	57 26.5 3180
6	73 46.9 2956	55 58.4 3244	30 10.8 2911	28 40.8 2913	55 60.0 3165
9	75 18.0 2939	57 23.7 3215	31 42.9 2888	30 12.8 2893	54 33.1 3150
12	76 49.5 2923	58 49.6 3187	33 15.5 2866	31 45.3 2873	53 6.0 3135
15	78 21.3 2907	60 16.0 3160	34 48.5 2845	33 18.2 2854	51 38.5 3120
18	79 53.5 2891	61 42.9 3133	36 22.0 2824	34 51.4 2835	50 10.8 3104
21	81 26.0 2875	63 10.4 3108	37 55.9 2804	36 25.1 2816	48 42.7 3089

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>27 UT</b>	<b>+Alpheratz</b>	<b>+Hamal</b>	<b>+Jupiter</b>	<b>+Aldebaran</b>	<b>-Sun</b>
0	64 38.4 3083	39 30.3 2785	37 59.2 2798	8 50.8 4215	47 14.4 3074
3	66 6.8 3059	41 5.1 2766	39 33.7 2780	9 59.0 3786	45 45.7 3058
6	67 35.8 3036	42 40.3 2747	41 8.6 2762	11 14.3 3502	44 16.7 3042
9	69 5.3 3013	44 15.9 2728	42 43.9 2744	12 34.6 3304	42 47.3 3027
12	70 35.2 2991	45 51.9 2710	44 19.6 2726	13 58.7 3160	41 17.7 3011
15	72 5.6 2969	47 28.3 2691	45 55.7 2709	15 25.7 3050	39 47.7 2996
18	73 36.5 2948	49 5.2 2673	47 32.1 2691	16 54.8 2965	38 17.4 2980
21	75 7.8 2927	50 42.4 2656	49 9.0 2674	18 25.8 2897	36 46.8 2965
<b>28 UT</b>	<b>+Hamal</b>	<b>+Jupiter</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>-Sun</b>
0	52 20.1 2639	50 46.2 2657	19 58.2 2839	8 54.2 3422	35 15.9 2950
3	53 58.1 2621	52 23.8 2640	21 31.8 2790	10 16.0 3180	33 44.6 2935
6	55 36.5 2603	54 1.9 2622	23 6.4 2748	11 42.5 3018	32 13.1 2921
9	57 15.4 2587	55 40.3 2606	24 42.0 2711	13 12.4 2903	30 41.2 2908
12	58 54.6 2570	57 19.0 2589	26 18.5 2677	14 44.6 2817	29 9.1 2894
15	60 34.2 2554	58 58.2 2573	27 55.6 2647	16 18.7 2750	27 36.6 2882
18	62 14.1 2537	60 37.7 2557	29 33.5 2619	17 54.3 2696	26 3.9 2871
21	63 54.5 2521	62 17.6 2541	31 11.9 2594	19 31.0 2652	24 31.0 2861
<b>29 UT</b>	<b>+Hamal</b>	<b>+Jupiter</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>-Sun</b>
0	65 35.2 2505	63 57.8 2525	32 51.0 2569	21 8.7 2614	22 57.9 2852
3	67 16.3 2490	65 38.5 2510	34 30.6 2546	22 47.3 2580	21 24.5 2845
6	68 57.7 2475	67 19.4 2494	36 10.7 2525	24 26.7 2552	19 51.1 2841
9	70 39.5 2460	69 0.8 2479	37 51.4 2505	26 6.7 2525	18 17.5 2841
12	72 21.7 2445	70 42.5 2465	39 32.5 2485	27 47.3 2500	16 43.9 2845
15	74 4.2 2431	72 24.5 2451	41 14.0 2467	29 28.5 2478	15 10.5 2858
18	75 47.0 2417	74 6.9 2436	42 56.0 2449	31 10.3 2457	13 37.3 2881
21	77 30.2 2403	75 49.6 2423	44 38.4 2433	32 52.5 2438	12 4.5 2922