

## AUGUST 2004

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>1 UT</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Hamal</b>
0	62 27.1 2104	47 57.2 2221	37 28.4 2181	30 1.3 2104	86 9.5 2166
3	64 17.9 2113	49 45.1 2224	39 17.3 2184	31 52.1 2113	84 20.2 2175
6	66 8.6 2123	51 33.0 2228	41 6.1 2189	33 42.8 2123	82 31.1 2186
9	67 59.0 2134	53 20.7 2234	42 54.9 2195	35 33.1 2134	80 42.3 2197
12	69 49.1 2145	55 8.3 2240	44 43.4 2202	37 23.3 2144	78 53.8 2209
15	71 38.9 2156	56 55.8 2248	46 31.8 2210	39 13.1 2156	77 5.6 2222
18	73 28.5 2169	58 43.1 2257	48 20.0 2220	41 2.7 2168	75 17.7 2235
21	75 17.7 2181	60 30.1 2266	50 8.0 2229	42 51.9 2181	73 30.1 2249
<b>2 UT</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Venus</b>
0	77 6.6 2194	62 16.9 2276	51 55.7 2240	44 40.8 2194	117 37.2 2496
3	78 55.2 2208	64 3.5 2288	53 43.2 2252	46 29.4 2208	115 55.9 2510
6	80 43.4 2222	65 49.7 2299	55 30.3 2264	48 17.7 2222	114 15.0 2524
9	82 31.3 2237	67 35.7 2312	57 17.2 2277	50 5.6 2236	112 34.3 2539
12	84 18.9 2252	69 21.4 2325	59 3.7 2290	51 53.1 2251	110 54.0 2554
15	86 6.0 2267	71 6.8 2339	60 50.0 2304	53 40.3 2267	109 14.1 2571
18	87 52.8 2283	72 51.8 2354	62 35.8 2319	55 27.1 2282	107 34.5 2587
21	89 39.2 2299	74 36.5 2368	64 21.3 2334	57 13.5 2298	105 55.3 2604
<b>3 UT</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Venus</b>
0	66 6.5 2349	58 59.5 2315	57 39.4 2405	87 53.4 2359	104 16.5 2621
3	67 51.3 2365	60 45.2 2332	55 55.9 2426	86 8.8 2376	102 38.0 2639
6	69 35.7 2381	62 30.4 2348	54 13.0 2447	84 24.7 2393	101 0.0 2657
9	71 19.7 2398	64 15.2 2366	52 30.5 2469	82 41.0 2411	99 22.4 2675
12	73 3.3 2415	65 59.6 2383	50 48.6 2492	80 57.6 2429	97 45.2 2694
15	74 46.5 2432	67 43.5 2401	49 7.2 2515	79 14.8 2447	96 8.4 2713
18	76 29.4 2449	69 27.1 2418	47 26.3 2539	77 32.3 2465	94 32.0 2732
21	78 11.8 2466	71 10.2 2436	45 46.0 2564	75 50.3 2484	92 56.1 2751
<b>4 UT</b>	<b>+Nunki</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Capella</b>	<b>–Venus</b>
0	72 52.9 2454	74 8.7 2503	87 28.6 2455	87 59.5 2703	91 20.6 2771
3	74 35.2 2472	72 27.5 2522	85 46.4 2473	86 22.9 2721	89 45.5 2791
6	76 17.1 2490	70 46.8 2541	84 4.6 2491	84 46.7 2741	88 10.8 2811
9	77 58.5 2508	69 6.6 2560	82 23.1 2509	83 11.0 2761	86 36.6 2831
12	79 39.5 2527	67 26.7 2580	80 42.2 2528	81 35.7 2781	85 2.8 2851
15	81 20.1 2545	65 47.4 2599	79 1.6 2546	80 0.8 2802	83 29.5 2871
18	83 0.3 2563	64 8.5 2619	77 21.4 2564	78 26.4 2823	81 56.6 2891
21	84 40.0 2581	62 30.0 2639	75 41.7 2582	76 52.4 2845	80 24.1 2912
<b>5 UT</b>	<b>+Fomalhaut</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Venus</b>	<b>–Sun</b>
0	38 55.0 3088	60 51.9 2658	74 2.4 2600	78 52.0 2931	123 58.6 2950
3	40 23.4 3074	59 14.4 2679	72 23.5 2618	77 20.4 2952	122 27.4 2969
6	41 52.1 3064	57 37.2 2699	70 45.0 2636	75 49.1 2972	120 56.5 2987
9	43 20.9 3056	56 0.5 2719	69 6.9 2653	74 18.4 2991	119 26.1 3005
12	44 50.0 3051	54 24.3 2739	67 29.2 2671	72 48.0 3011	117 56.0 3024
15	46 19.2 3047	52 48.5 2759	65 51.9 2688	71 18.0 3031	116 26.3 3041
18	47 48.4 3047	51 13.2 2780	64 15.0 2705	69 48.4 3051	114 56.9 3060
21	49 17.6 3047	49 38.3 2800	62 38.4 2722	68 19.3 3070	113 27.9 3077

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<b>6 UT</b>	+Fomalhaut	–Aldebaran	–Elnath	–Venus	–Sun
0	50 46.9 3049	48 3.8 2821	61 2.2 2738	66 50.5 3089	111 59.3 3095
3	52 16.0 3052	46 29.8 2841	59 26.4 2754	65 22.2 3108	110 31.1 3111
6	53 45.2 3056	44 56.2 2863	57 51.0 2771	63 54.2 3127	109 3.1 3129
9	55 14.2 3060	43 23.1 2884	56 15.9 2786	62 26.6 3146	107 35.6 3145
12	56 43.2 3066	41 50.5 2906	54 41.1 2802	60 59.4 3164	106 8.3 3161
15	58 12.0 3072	40 18.3 2928	53 6.7 2817	59 32.5 3183	104 41.4 3178
18	59 40.7 3079	38 46.6 2951	51 32.6 2832	58 6.0 3201	103 14.8 3193
21	61 9.3 3085	37 15.3 2974	49 58.9 2846	56 39.9 3219	101 48.6 3208
<b>7 UT</b>	+Fomalhaut	–Aldebaran	–Elnath	–Venus	–Sun
0	62 37.8 3093	35 44.6 2998	48 25.4 2860	55 14.1 3236	100 22.6 3223
3	64 6.1 3100	34 14.4 3023	46 52.3 2874	53 48.7 3254	98 56.9 3238
6	65 34.2 3107	32 44.6 3050	45 19.4 2887	52 23.6 3271	97 31.5 3252
9	67 2.2 3115	31 15.4 3078	43 46.8 2900	50 58.9 3288	96 6.4 3266
12	68 30.1 3123	29 46.9 3109	42 14.5 2913	49 34.4 3305	94 41.5 3280
15	69 57.8 3131	28 18.9 3141	40 42.5 2925	48 10.4 3321	93 17.0 3292
18	71 25.3 3138	26 51.6 3177	39 10.7 2937	46 46.6 3338	91 52.6 3304
21	72 52.7 3146	25 25.0 3217	37 39.2 2948	45 23.2 3355	90 28.5 3317
<b>8 UT</b>	+Fomalhaut	+Diphda	–Elnath	–Venus	–Sun
0	74 19.9 3154	48 15.1 3352	36 7.9 2960	44 0.0 3371	89 4.7 3329
3	75 46.9 3162	49 38.3 3344	34 36.9 2970	42 37.2 3387	87 41.0 3339
6	77 13.8 3169	51 1.6 3338	33 6.0 2981	41 14.7 3404	86 17.6 3350
9	78 40.6 3176	52 25.0 3333	31 35.4 2990	39 52.5 3421	84 54.4 3360
12	80 7.2 3184	53 48.6 3329	30 5.0 3000	38 30.6 3438	83 31.4 3371
15	81 33.7 3191	55 12.2 3325	28 34.8 3009	37 9.1 3455	82 8.5 3379
18	82 60.0 3198	56 35.9 3322	27 4.8 3019	35 47.8 3472	80 45.9 3388
21	84 26.2 3204	57 59.7 3319	25 35.0 3027	34 26.9 3490	79 23.4 3396
<b>9 UT</b>	+Diphda	+Hamal	–Elnath	–Venus	–Sun
0	59 23.5 3317	22 21.3 3475	24 5.4 3036	33 6.4 3509	78 1.1 3405
3	60 47.3 3315	23 42.1 3431	22 35.9 3044	31 46.1 3528	76 38.9 3412
6	62 11.2 3314	25 3.8 3395	21 6.6 3053	30 26.2 3549	75 16.8 3419
9	63 35.1 3313	26 26.2 3365	19 37.5 3060	29 6.8 3571	73 54.9 3426
12	64 59.1 3312	27 49.1 3340	18 8.5 3069	27 47.7 3595	72 33.1 3431
15	66 23.0 3310	29 12.5 3319	16 39.7 3077	26 29.0 3622	71 11.5 3436
18	67 47.0 3309	30 36.3 3301	15 11.1 3087	25 10.9 3652	69 49.9 3442
21	69 11.0 3309	32 0.5 3285	13 42.7 3098	23 53.2 3685	68 28.4 3446
<b>10 UT</b>	+Diphda	+Hamal	+Menkar	–Venus	–Sun
0	70 35.0 3307	33 25.0 3272	30 18.2 3548	22 36.2 3724	67 7.0 3451
3	71 59.1 3306	34 49.7 3260	31 37.7 3512	21 19.8 3768	65 45.7 3454
6	73 23.1 3305	36 14.7 3249	32 57.9 3480	20 4.3 3822	64 24.5 3457
9	74 47.2 3304	37 39.8 3240	34 18.7 3452	18 49.6 3885	63 3.3 3460
12	76 11.3 3303	39 5.2 3232	35 39.9 3428	17 36.0 3965	61 42.2 3463
15	77 35.4 3302	40 30.7 3223	37 1.7 3405	16 23.8 4062	60 21.1 3465
18	78 59.6 3301	41 56.4 3216	38 23.8 3386	15 13.2 4186	59 0.0 3467
21	80 23.7 3299	43 22.2 3209	39 46.4 3368	14 4.5 4348	57 39.0 3467

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<b>11 UT</b>	<b>+Diphda</b>	<b>+Hamal</b>	<b>+Menkar</b>	<b>+Aldebaran</b>	<b>–Sun</b>
0	81 47.9 3298	44 48.2 3202	41 9.3 3352	15 32.7 3752	56 18.0 3469
3	83 12.1 3296	46 14.3 3196	42 32.4 3336	16 48.6 3645	54 57.0 3469
6	84 36.4 3295	47 40.5 3190	43 55.9 3322	18 6.4 3562	53 36.1 3469
9	86 0.7 3293	49 6.9 3184	45 19.7 3309	19 25.6 3494	52 15.1 3469
12	87 25.0 3291	50 33.3 3178	46 43.7 3296	20 46.1 3439	50 54.1 3468
15	88 49.4 3289	51 59.9 3172	48 8.0 3284	22 7.7 3394	49 33.1 3468
18	90 13.8 3287	53 26.6 3166	49 32.5 3273	23 30.0 3355	48 12.1 3466
21	91 38.2 3285	54 53.5 3160	50 57.2 3262	24 53.2 3323	46 51.1 3465
<b>12 UT</b>	<b>+Hamal</b>	<b>+Menkar</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>–Sun</b>
0	56 20.4 3154	52 22.1 3252	26 16.9 3295	11 39.3 3107	45 30.1 3463
3	57 47.4 3148	53 47.2 3242	27 41.2 3270	13 7.4 3094	44 9.0 3461
6	59 14.6 3142	55 12.5 3232	29 5.9 3249	14 35.6 3085	42 47.9 3460
9	60 41.9 3136	56 38.0 3222	30 31.1 3228	16 4.1 3077	41 26.7 3457
12	62 9.4 3130	58 3.7 3213	31 56.7 3210	17 32.7 3069	40 5.6 3455
15	63 36.9 3123	59 29.6 3204	33 22.6 3194	19 1.5 3062	38 44.3 3453
18	65 4.6 3117	60 55.7 3195	34 48.9 3179	20 30.4 3056	37 23.0 3450
21	66 32.4 3110	62 21.9 3186	36 15.5 3164	21 59.5 3049	36 1.7 3448
<b>13 UT</b>	<b>+Hamal</b>	<b>+Aldebaran</b>	<b>+Elnath</b>	<b>+Venus</b>	<b>–Sun</b>
0	68 0.3 3103	37 42.3 3151	23 28.6 3042	13 57.5 4160	34 40.4 3445
3	69 28.4 3097	39 9.4 3138	24 58.0 3036	15 6.5 4027	33 18.9 3443
6	70 56.6 3090	40 36.8 3127	26 27.4 3029	16 17.7 3923	31 57.5 3441
9	72 25.0 3084	42 4.4 3115	27 57.0 3023	17 30.7 3839	30 36.0 3440
12	73 53.5 3076	43 32.3 3103	29 26.8 3015	18 45.0 3769	29 14.5 3438
15	75 22.1 3069	45 0.4 3092	30 56.7 3009	20 0.6 3712	27 52.9 3439
18	76 50.9 3061	46 28.7 3081	32 26.7 3002	21 17.2 3664	26 31.4 3438
21	78 19.8 3054	47 57.2 3071	33 56.8 2995	22 34.6 3622	25 9.9 3440
<b>14 UT</b>	<b>+Aldebaran</b>	<b>+Capella</b>	<b>+Elnath</b>	<b>+Venus</b>	<b>–Sun</b>
0	49 26.0 3060	39 20.6 3640	35 27.1 2988	23 52.7 3586	23 48.4 3443
3	50 54.9 3050	40 38.4 3593	36 57.6 2980	25 11.6 3554	22 26.9 3448
6	52 24.1 3040	41 57.1 3550	38 28.2 2973	26 31.0 3525	21 5.5 3455
9	53 53.5 3030	43 16.6 3511	39 59.0 2965	27 50.9 3499	19 44.3 3465
12	55 23.1 3020	44 36.8 3475	41 29.9 2958	29 11.3 3477	18 23.3 3481
15	56 52.8 3010	45 57.6 3441	43 1.0 2950	30 32.1 3455	17 2.5 3501
18	58 22.8 3001	47 19.1 3409	44 32.3 2942	31 53.4 3435	15 42.2 3530
21	59 53.0 2991	48 41.2 3381	46 3.7 2934	33 15.0 3416	14 22.3 3572
<b>17 UT</b>	<b>+Sun</b>	<b>–Spica</b>	<b>–Zubenelgen</b>	<b>–Menkent</b>	<b>–Antares</b>
0	11 44.1 3484	48 56.1 2798	69 49.8 2789	70 35.3 3140	94 47.8 2789
3	13 4.8 3404	47 21.6 2789	68 15.1 2779	69 8.0 3138	93 13.2 2780
6	14 27.0 3344	45 47.0 2781	66 40.2 2771	67 40.6 3138	91 38.3 2771
9	15 50.3 3297	44 12.1 2773	65 5.1 2762	66 13.2 3138	90 3.2 2763
12	17 14.5 3258	42 37.1 2765	63 29.8 2753	64 45.8 3139	88 27.9 2753
15	18 39.5 3225	41 1.8 2757	61 54.4 2745	63 18.5 3141	86 52.4 2745
18	20 5.2 3197	39 26.5 2749	60 18.7 2736	61 51.1 3145	85 16.8 2736
21	21 31.4 3172	37 50.9 2742	58 42.8 2727	60 23.9 3149	83 40.9 2727

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<b>18 UT</b>	<b>+Sun</b>	<b>–Spica</b>	<b>–Zubenelgen</b>	<b>–Antares</b>	<b>–Shaula</b>
0	22 58.1 3151	36 15.2 2735	57 6.8 2719	82 4.9 2719	97 14.5 2783
3	24 25.2 3131	34 39.3 2727	55 30.5 2709	80 28.6 2710	95 39.7 2773
6	25 52.7 3113	33 3.2 2720	53 54.1 2701	78 52.2 2701	94 4.7 2765
9	27 20.6 3097	31 27.0 2713	52 17.5 2692	77 15.6 2692	92 29.5 2756
12	28 48.8 3080	29 50.6 2707	50 40.6 2684	75 38.8 2684	90 54.0 2747
15	30 17.4 3066	28 14.1 2700	49 3.6 2675	74 1.7 2675	89 18.4 2738
18	31 46.2 3052	26 37.5 2695	47 26.4 2666	72 24.5 2666	87 42.6 2729
21	33 15.4 3038	25 0.7 2690	45 49.0 2658	70 47.1 2658	86 6.6 2721
<b>19 UT</b>	<b>+Sun</b>	<b>–Spica</b>	<b>–Zubenelgen</b>	<b>–Antares</b>	<b>–Shaula</b>
0	34 44.8 3025	23 23.8 2686	44 11.4 2649	69 9.5 2648	84 30.4 2712
3	36 14.5 3013	21 46.9 2684	42 33.6 2640	67 31.7 2640	82 54.0 2704
6	37 44.4 3000	20 9.9 2683	40 55.6 2632	65 53.7 2631	81 17.5 2696
9	39 14.6 2988	18 32.8 2684	39 17.4 2623	64 15.5 2622	79 40.7 2688
12	40 45.0 2976	16 55.8 2688	37 39.0 2614	62 37.1 2614	78 3.8 2679
15	42 15.7 2965	15 18.9 2698	36 0.4 2606	60 58.5 2605	76 26.7 2672
18	43 46.7 2954	13 42.2 2714	34 21.7 2597	59 19.7 2596	74 49.4 2664
21	45 17.8 2943	12 5.8 2742	32 42.7 2589	57 40.7 2588	73 11.9 2657
<b>20 UT</b>	<b>+Sun</b>	<b>–Antares</b>	<b>–Shaula</b>	<b>–Kaus Aust.</b>	<b>–Nunki</b>
0	46 49.2 2932	56 1.5 2579	71 34.3 2649	81 32.7 2606	88 27.0 2577
3	48 20.8 2921	54 22.2 2570	69 56.5 2642	79 53.9 2598	86 47.6 2569
6	49 52.7 2910	52 42.6 2561	68 18.6 2635	78 15.0 2589	85 8.0 2560
9	51 24.8 2900	51 2.8 2553	66 40.5 2628	76 35.8 2581	83 28.1 2551
12	52 57.1 2890	49 22.8 2544	65 2.2 2621	74 56.5 2572	81 48.1 2542
15	54 29.6 2879	47 42.6 2535	63 23.8 2615	73 16.9 2564	80 7.9 2533
18	56 2.4 2869	46 2.2 2527	61 45.2 2608	71 37.2 2556	78 27.4 2524
21	57 35.4 2858	44 21.6 2518	60 6.5 2602	69 57.3 2548	76 46.8 2515
<b>21 UT</b>	<b>+Sun</b>	<b>–Antares</b>	<b>–Shaula</b>	<b>–Kaus Aust.</b>	<b>–Nunki</b>
0	59 8.6 2848	42 40.8 2509	58 27.6 2596	68 17.2 2539	75 5.9 2506
3	60 42.0 2838	40 59.8 2501	56 48.6 2591	66 36.9 2531	73 24.9 2498
6	62 15.6 2827	39 18.6 2492	55 9.5 2586	64 56.4 2523	71 43.6 2489
9	63 49.5 2817	37 37.2 2483	53 30.3 2582	63 15.7 2515	70 2.1 2480
12	65 23.6 2807	35 55.6 2475	51 51.0 2578	61 34.9 2508	68 20.4 2471
15	66 57.9 2797	34 13.8 2466	50 11.5 2574	59 53.8 2500	66 38.6 2462
18	68 32.4 2787	32 31.8 2458	48 32.0 2571	58 12.6 2492	64 56.4 2452
21	70 7.1 2776	30 49.6 2449	46 52.5 2569	56 31.2 2485	63 14.1 2444
<b>22 UT</b>	<b>+Sun</b>	<b>+Spica</b>	<b>–Antares</b>	<b>–Kaus Aust.</b>	<b>–Nunki</b>
0	71 42.1 2767	17 6.0 2496	29 7.2 2441	54 49.7 2478	61 31.6 2435
3	73 17.3 2756	18 47.3 2476	27 24.6 2433	53 8.0 2471	59 48.9 2426
6	74 52.7 2746	20 29.1 2459	25 41.8 2425	51 26.1 2464	58 5.9 2417
9	76 28.3 2737	22 11.2 2445	23 58.9 2418	49 44.0 2458	56 22.7 2408
12	78 4.1 2727	23 53.7 2431	22 15.7 2410	48 1.8 2451	54 39.4 2399
15	79 40.2 2717	25 36.6 2418	20 32.4 2403	46 19.5 2446	52 55.8 2390
18	81 16.5 2707	27 19.7 2405	18 48.9 2397	44 37.0 2440	51 12.0 2381
21	82 53.0 2698	29 3.1 2394	17 5.3 2393	42 54.4 2436	49 27.9 2373

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<b>23 UT</b>	<b>+Sun</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>–Kaus Aust.</b>	<b>–Nunki</b>
0	84 29.7 2688	30 46.8 2382	9 47.0 2394	41 11.6 2431	47 43.7 2363
3	86 6.6 2678	32 30.8 2372	11 30.7 2377	39 28.8 2428	45 59.3 2355
6	87 43.8 2669	34 15.1 2361	13 14.8 2362	37 45.9 2425	44 14.6 2346
9	89 21.1 2659	35 59.6 2352	14 59.3 2350	36 2.9 2424	42 29.8 2338
12	90 58.7 2650	37 44.3 2341	16 44.0 2339	34 19.9 2423	40 44.7 2329
15	92 36.5 2641	39 29.3 2332	18 29.1 2328	32 36.9 2424	38 59.4 2321
18	94 14.4 2631	41 14.5 2322	20 14.4 2318	30 53.9 2427	37 14.0 2312
21	95 52.6 2623	42 59.9 2313	21 59.9 2308	29 11.0 2433	35 28.3 2304
<b>24 UT</b>	<b>+Sun</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>–Nunki</b>	<b>–Fomalhaut</b>
0	97 31.0 2614	44 45.6 2304	23 45.7 2299	33 42.4 2296	84 31.1 2482
3	99 9.6 2605	46 31.4 2295	25 31.7 2290	31 56.3 2288	82 49.5 2475
6	100 48.4 2597	48 17.5 2287	27 17.9 2282	30 10.1 2281	81 7.7 2470
9	102 27.4 2588	50 3.8 2278	29 4.4 2273	28 23.6 2273	79 25.8 2464
12	104 6.6 2580	51 50.4 2270	30 51.0 2265	26 37.0 2267	77 43.7 2459
15	105 46.0 2572	53 37.1 2262	32 37.8 2257	24 50.2 2260	76 1.6 2454
18	107 25.5 2564	55 24.0 2254	34 24.9 2249	23 3.2 2253	74 19.3 2450
21	109 5.2 2557	57 11.1 2247	36 12.1 2242	21 16.1 2248	72 36.9 2447
<b>25 UT</b>	<b>+Sun</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>–Fomalhaut</b>
0	110 45.1 2549	58 58.4 2239	37 59.5 2234	13 5.7 2261	70 54.5 2445
3	112 25.2 2543	60 45.9 2232	39 47.1 2228	14 52.7 2248	69 12.0 2444
6	114 5.4 2536	62 33.5 2226	41 34.9 2221	16 39.9 2237	67 29.4 2443
9	115 45.8 2529	64 21.3 2219	43 22.8 2214	18 27.4 2228	65 46.9 2442
12	117 26.3 2524	66 9.3 2213	45 10.9 2208	20 15.2 2219	64 4.3 2444
15	119 7.0 2518	67 57.4 2207	46 59.2 2202	22 3.2 2212	62 21.8 2446
18	120 47.8 2513	69 45.7 2201	48 47.6 2197	23 51.3 2204	60 39.3 2449
21	122 28.7 2508	71 34.1 2196	50 36.1 2192	25 39.7 2198	58 56.9 2454
<b>26 UT</b>	<b>+Spica</b>	<b>+Zubenelgen</b>	<b>+Antares</b>	<b>–Fomalhaut</b>	<b>–Diphda</b>
0	73 22.6 2191	52 24.7 2187	27 28.1 2192	57 14.6 2461	83 58.7 2408
3	75 11.3 2186	54 13.5 2182	29 16.8 2187	55 32.5 2468	82 15.3 2405
6	77 0.1 2182	56 2.4 2178	31 5.6 2182	53 50.5 2478	80 31.8 2404
9	78 49.0 2179	57 51.4 2174	32 54.4 2178	52 8.8 2490	78 48.4 2403
12	80 38.0 2175	59 40.5 2171	34 43.4 2174	50 27.4 2503	77 4.9 2403
15	82 27.1 2172	61 29.7 2168	36 32.5 2171	48 46.2 2520	75 21.4 2404
18	84 16.2 2169	63 19.0 2165	38 21.7 2168	47 5.5 2539	73 37.9 2406
21	86 5.4 2167	65 8.3 2163	40 11.0 2165	45 25.2 2561	71 54.5 2409
<b>27 UT</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Diphda</b>
0	42 0.3 2163	28 20.4 2445	17 44.6 2463	9 37.4 2192	70 11.1 2413
3	43 49.7 2162	30 2.9 2414	19 26.6 2412	11 26.0 2182	68 27.9 2418
6	45 39.1 2160	31 46.2 2388	21 9.9 2372	13 14.9 2175	66 44.7 2425
9	47 28.5 2160	33 30.0 2366	22 54.1 2342	15 4.0 2171	65 1.8 2432
12	49 17.9 2160	35 14.4 2349	24 39.1 2318	16 53.1 2169	63 19.0 2441
15	51 7.4 2160	36 59.2 2333	26 24.6 2299	18 42.4 2167	61 36.4 2452
18	52 56.8 2162	38 44.3 2321	28 10.7 2284	20 31.6 2167	59 54.0 2464
21	54 46.2 2163	40 29.8 2311	29 57.0 2273	22 20.9 2167	58 12.0 2478

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
<b>28 UT</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Hamal</b>
0	56 35.6 2165	42 15.5 2303	31 43.7 2264	24 10.2 2169	91 56.8 2224
3	58 24.9 2167	44 1.4 2296	33 30.5 2257	25 59.4 2170	90 9.0 2226
6	60 14.2 2170	45 47.5 2292	35 17.6 2252	27 48.6 2173	88 21.2 2229
9	62 3.4 2174	47 33.7 2288	37 4.7 2249	29 37.7 2176	86 33.5 2234
12	63 52.5 2178	49 19.9 2286	38 52.0 2247	31 26.8 2180	84 45.9 2238
15	65 41.5 2183	51 6.3 2285	40 39.2 2247	33 15.7 2184	82 58.3 2243
18	67 30.4 2188	52 52.6 2285	42 26.5 2247	35 4.6 2189	81 11.0 2249
21	69 19.1 2193	54 38.9 2286	44 13.8 2249	36 53.3 2194	79 23.7 2255
<b>29 UT</b>	<b>+Antares</b>	<b>+Shaula</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Hamal</b>
0	71 7.8 2200	56 25.3 2289	46 1.0 2252	38 41.9 2200	77 36.6 2262
3	72 56.2 2206	58 11.5 2292	47 48.2 2256	40 30.4 2207	75 49.7 2270
6	74 44.5 2213	59 57.7 2296	49 35.2 2260	42 18.6 2213	74 3.0 2278
9	76 32.6 2221	61 43.7 2301	51 22.2 2265	44 6.7 2221	72 16.5 2287
12	78 20.6 2229	63 29.7 2306	53 9.0 2271	45 54.7 2229	70 30.2 2297
15	80 8.3 2237	65 15.5 2313	54 55.7 2278	47 42.4 2238	68 44.1 2307
18	81 55.8 2246	67 1.2 2320	56 42.2 2285	49 29.9 2246	66 58.3 2318
21	83 43.1 2256	68 46.7 2328	58 28.6 2293	51 17.2 2256	65 12.8 2330
<b>30 UT</b>	<b>+Shaula</b>	<b>+Kaus Aust.</b>	<b>+Nunki</b>	<b>–Hamal</b>	<b>–Aldebaran</b>
0	70 32.0 2336	60 14.7 2302	53 4.2 2267	63 27.5 2342	93 45.8 2312
3	72 17.1 2345	62 0.6 2311	54 51.0 2277	61 42.6 2355	92 0.1 2323
6	74 2.0 2355	63 46.3 2321	56 37.6 2288	59 57.9 2369	90 14.7 2333
9	75 46.6 2365	65 31.8 2331	58 23.9 2299	58 13.6 2384	88 29.5 2345
12	77 31.0 2376	67 17.0 2342	60 9.9 2311	56 29.6 2399	86 44.6 2357
15	79 15.2 2387	69 2.0 2354	61 55.6 2323	54 46.1 2415	84 60.0 2369
18	80 59.1 2399	70 46.7 2366	63 41.0 2335	53 2.8 2432	83 15.7 2382
21	82 42.6 2412	72 31.0 2378	65 26.1 2348	51 20.0 2450	81 31.7 2396
<b>31 UT</b>	<b>+Nunki</b>	<b>–Hamal</b>	<b>–Aldebaran</b>	<b>–Elnath</b>	<b>–Venus</b>
0	67 11.0 2361	49 37.6 2468	79 48.0 2409	93 10.4 2362	122 39.1 2749
3	68 55.5 2375	47 55.7 2488	78 4.7 2424	91 26.0 2375	121 3.5 2762
6	70 39.6 2389	46 14.2 2509	76 21.7 2439	89 41.8 2389	119 28.2 2776
9	72 23.5 2403	44 33.2 2530	74 39.0 2454	87 58.0 2403	117 53.2 2790
12	74 7.0 2417	42 52.7 2554	72 56.7 2469	86 14.5 2418	116 18.5 2805
15	75 50.1 2432	41 12.7 2578	71 14.8 2485	84 31.3 2432	114 44.2 2819
18	77 32.9 2447	39 33.3 2604	69 33.2 2501	82 48.5 2447	113 10.1 2834
21	79 15.4 2462	37 54.5 2631	67 52.0 2517	81 6.1 2462	111 36.4 2850