

JANUARY 2004

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Sun	+Venus	+Mars	–Aldebaran	–Saturn
0	107 35.7 3409	74 14.1 3488	18 26.0 3310	42 24.0 3091	72 14.6 2996
3	108 57.8 3417	75 34.7 3497	19 50.0 3308	40 55.6 3103	70 44.3 3005
6	110 19.8 3425	76 55.1 3504	21 14.1 3307	39 27.5 3115	69 14.2 3011
9	111 41.6 3433	78 15.5 3511	22 38.1 3308	37 59.7 3128	67 44.2 3019
12	113 3.2 3439	79 35.7 3518	24 2.1 3309	36 32.1 3141	66 14.4 3025
15	114 24.7 3446	80 55.7 3524	25 26.1 3310	35 4.8 3154	64 44.7 3030
18	115 46.1 3452	82 15.7 3529	26 50.1 3312	33 37.8 3169	63 15.1 3036
21	117 7.4 3457	83 35.6 3535	28 14.1 3315	32 11.0 3184	61 45.7 3041
2 UT	+Venus	+Mars	–Elnath	–Saturn	–Pollux
0	84 55.3 3539	29 38.0 3316	43 38.3 3066	60 16.3 3045	74 6.2 3060
3	86 15.0 3543	31 1.8 3318	42 9.4 3071	58 47.1 3050	72 37.2 3064
6	87 34.6 3547	32 25.7 3319	40 40.7 3074	57 17.9 3054	71 8.4 3067
9	88 54.1 3550	33 49.5 3321	39 12.0 3078	55 48.8 3058	69 39.5 3071
12	90 13.6 3553	35 13.3 3322	37 43.4 3082	54 19.8 3061	68 10.8 3073
15	91 33.0 3556	36 37.0 3323	36 14.9 3085	52 50.9 3064	66 42.1 3075
18	92 52.4 3557	38 0.8 3323	34 46.4 3088	51 22.0 3067	65 13.4 3077
21	94 11.7 3560	39 24.5 3324	33 18.0 3090	49 53.2 3070	63 44.8 3079
3 UT	+Venus	+Mars	–Elnath	–Saturn	–Pollux
0	95 31.0 3561	40 48.2 3324	31 49.7 3092	48 24.4 3072	62 16.2 3080
3	96 50.3 3561	42 12.0 3324	30 21.4 3095	46 55.7 3074	60 47.7 3081
6	98 9.6 3562	43 35.7 3324	28 53.1 3097	45 27.0 3076	59 19.2 3081
9	99 28.8 3562	44 59.4 3323	27 24.9 3099	43 58.3 3077	57 50.6 3082
12	100 48.1 3561	46 23.2 3322	25 56.7 3101	42 29.7 3078	56 22.1 3081
15	102 7.3 3561	47 46.9 3320	24 28.6 3103	41 1.1 3080	54 53.6 3081
18	103 26.6 3560	49 10.7 3319	23 0.5 3106	39 32.6 3081	53 25.0 3080
21	104 45.9 3558	50 34.5 3317	21 32.5 3109	38 4.0 3082	51 56.5 3079
4 UT	+Venus	+Mars	–Saturn	–Pollux	–Jupiter
0	106 5.2 3557	51 58.4 3315	36 35.5 3083	50 27.9 3077	105 54.6 3080
3	107 24.6 3554	53 22.3 3313	35 7.0 3084	48 59.3 3076	104 26.1 3078
6	108 44.0 3552	54 46.2 3310	33 38.6 3086	47 30.6 3074	102 57.5 3075
9	110 3.4 3550	56 10.2 3307	32 10.1 3088	46 2.0 3072	101 28.8 3073
12	111 22.9 3547	57 34.2 3304	30 41.7 3089	44 33.2 3069	100 0.1 3070
15	112 42.4 3544	58 58.3 3300	29 13.4 3092	43 4.5 3067	98 31.4 3067
18	114 2.0 3540	60 22.5 3297	27 45.0 3095	41 35.6 3064	97 2.5 3063
21	115 21.6 3537	61 46.8 3293	26 16.8 3100	40 6.8 3061	95 33.6 3060
5 UT	+Mars	–Saturn	–Pollux	–Regulus	–Jupiter
0	63 11.1 3289	24 48.6 3105	38 37.8 3058	75 6.3 3065	94 4.7 3056
3	64 35.5 3285	23 20.6 3112	37 8.8 3054	73 37.5 3061	92 35.6 3051
6	65 59.9 3280	21 52.7 3121	35 39.7 3051	72 8.5 3057	91 6.5 3048
9	67 24.5 3275	20 25.0 3133	34 10.6 3047	70 39.5 3053	89 37.2 3043
12	68 49.2 3271	18 57.5 3149	32 41.4 3044	69 10.4 3049	88 7.9 3038
15	70 13.9 3265	17 30.3 3171	31 12.0 3040	67 41.2 3045	86 38.5 3034
18	71 38.8 3260	16 3.6 3200	29 42.7 3036	66 12.0 3040	85 9.0 3028
21	73 3.7 3255	14 37.5 3242	28 13.2 3033	64 42.6 3036	83 39.4 3023

JANUARY 2004

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6 UT	+Mars	+Aldebaran	−Pollux	−Regulus	−Jupiter
0	74 28.8 3249	18 52.6 3346	26 43.7 3029	63 13.1 3031	82 9.6 3018
3	75 54.0 3244	20 15.9 3297	25 14.1 3025	61 43.6 3026	80 39.8 3012
6	77 19.3 3237	21 40.2 3256	23 44.4 3022	60 13.9 3021	79 9.9 3007
9	78 44.7 3232	23 5.2 3220	22 14.6 3019	58 44.1 3016	77 39.8 3001
12	80 10.2 3226	24 30.9 3191	20 44.8 3016	57 14.2 3011	76 9.6 2995
15	81 35.8 3219	25 57.3 3164	19 15.0 3014	55 44.3 3006	74 39.3 2989
18	83 1.6 3213	27 24.1 3141	17 45.1 3014	54 14.2 3000	73 8.9 2984
21	84 27.5 3206	28 51.5 3120	16 15.2 3015	52 44.0 2995	71 38.3 2977
7 UT	+Mars	+Aldebaran	+Elnath	−Regulus	−Jupiter
0	85 53.5 3200	30 19.2 3101	16 6.5 3019	51 13.7 2990	70 7.7 2971
3	87 19.6 3193	31 47.3 3084	17 36.3 3005	49 43.3 2984	68 36.9 2965
6	88 45.9 3187	33 15.8 3068	19 6.4 2992	48 12.7 2979	67 5.9 2958
9	90 12.3 3180	34 44.6 3053	20 36.8 2981	46 42.1 2974	65 34.8 2952
12	91 38.9 3172	36 13.7 3039	22 7.4 2970	45 11.4 2969	64 3.6 2945
15	93 5.6 3166	37 43.1 3026	23 38.2 2960	43 40.5 2963	62 32.3 2938
18	94 32.4 3158	39 12.8 3014	25 9.3 2950	42 9.5 2959	61 0.8 2932
21	95 59.4 3152	40 42.7 3001	26 40.5 2941	40 38.5 2954	59 29.1 2925
8 UT	+Aldebaran	+Elnath	+Saturn	−Regulus	−Jupiter
0	42 12.9 2990	28 12.0 2932	12 48.9 3153	39 7.3 2949	57 57.4 2919
3	43 43.3 2979	29 43.6 2923	14 16.0 3094	37 36.0 2944	56 25.5 2911
6	45 13.9 2968	31 15.4 2915	15 44.2 3050	36 4.7 2940	54 53.4 2905
9	46 44.8 2957	32 47.4 2906	17 13.4 3014	34 33.2 2936	53 21.2 2897
12	48 15.9 2947	34 19.6 2898	18 43.3 2984	33 1.7 2933	51 48.8 2891
15	49 47.2 2937	35 51.9 2890	20 13.8 2960	31 30.1 2930	50 16.3 2884
18	51 18.7 2928	37 24.4 2882	21 44.9 2939	29 58.4 2928	48 43.7 2877
21	52 50.4 2918	38 57.1 2874	23 16.4 2920	28 26.7 2927	47 10.9 2870
9 UT	+Aldebaran	+Elnath	+Saturn	−Jupiter	−Spica
0	54 22.4 2909	40 29.9 2866	24 48.2 2903	45 37.9 2863	80 48.7 2868
3	55 54.5 2899	42 3.0 2858	26 20.5 2888	44 4.9 2856	79 15.7 2860
6	57 26.8 2890	43 36.2 2850	27 53.1 2874	42 31.6 2850	77 42.6 2853
9	58 59.3 2881	45 9.6 2842	29 25.9 2861	40 58.2 2843	76 9.3 2846
12	60 32.0 2871	46 43.1 2833	30 59.1 2848	39 24.7 2836	74 35.8 2838
15	62 4.9 2863	48 16.8 2826	32 32.5 2836	37 51.0 2829	73 2.2 2831
18	63 38.0 2854	49 50.7 2817	34 6.1 2825	36 17.2 2823	71 28.4 2823
21	65 11.3 2845	51 24.8 2809	35 40.0 2814	34 43.3 2817	69 54.4 2816
10 UT	+Elnath	+Saturn	+Pollux	−Jupiter	−Spica
0	52 59.1 2801	37 14.2 2804	22 31.1 2813	33 9.2 2811	68 20.3 2808
3	54 33.5 2793	38 48.6 2794	24 5.3 2803	31 34.9 2804	66 46.0 2800
6	56 8.1 2785	40 23.2 2783	25 39.7 2793	30 0.6 2798	65 11.6 2793
9	57 42.9 2777	41 58.0 2773	27 14.3 2784	28 26.1 2793	63 37.0 2786
12	59 17.9 2768	43 33.0 2764	28 49.1 2774	26 51.5 2788	62 2.2 2777
15	60 53.0 2760	45 8.3 2754	30 24.1 2765	25 16.8 2784	60 27.3 2769
18	62 28.3 2751	46 43.7 2744	31 59.3 2756	23 42.0 2781	58 52.1 2762
21	64 3.9 2743	48 19.4 2735	33 34.8 2747	22 7.1 2778	57 16.8 2754

JANUARY 2004

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
11 UT	+Elnath	+Saturn	+Pollux	–Jupiter	–Spica
0	65 39.6 2734	49 55.3 2725	35 10.4 2738	20 32.2 2778	55 41.4 2746
3	67 15.5 2726	51 31.4 2716	36 46.2 2728	18 57.2 2779	54 5.7 2738
6	68 51.6 2717	53 7.7 2706	38 22.2 2719	17 22.3 2783	52 29.9 2730
9	70 27.8 2708	54 44.2 2697	39 58.4 2710	15 47.5 2792	50 54.0 2722
12	72 4.3 2699	56 20.9 2687	41 34.9 2701	14 12.9 2807	49 17.8 2715
15	73 41.0 2690	57 57.9 2678	43 11.5 2692	12 38.6 2833	47 41.5 2707
18	75 17.9 2681	59 35.0 2668	44 48.4 2682	11 4.8 2876	46 5.0 2699
21	76 55.0 2671	61 12.4 2659	46 25.4 2673	9 32.0 2952	44 28.3 2691
12 UT	+Saturn	+Pollux	–Spica	–Zubenelgen	–Antares
0	62 49.9 2649	48 2.7 2663	42 51.4 2683	63 40.1 2658	88 39.8 2663
3	64 27.7 2640	49 40.1 2654	41 14.4 2676	62 2.5 2649	87 2.3 2654
6	66 5.8 2629	51 17.8 2644	39 37.2 2668	60 24.7 2639	85 24.6 2644
9	67 44.0 2620	52 55.7 2634	37 59.9 2661	58 46.7 2630	83 46.7 2635
12	69 22.4 2610	54 33.9 2625	36 22.3 2654	57 8.5 2621	82 8.6 2625
15	71 1.1 2600	56 12.2 2615	34 44.6 2647	55 30.1 2611	80 30.3 2615
18	72 40.0 2590	57 50.8 2605	33 6.8 2641	53 51.4 2601	78 51.7 2606
21	74 19.2 2580	59 29.6 2595	31 28.8 2635	52 12.5 2591	77 13.0 2596
13 UT	+Pollux	+Regulus	+Jupiter	–Antares	–Sun
0	61 8.6 2585	25 1.0 2653	6 31.3 3014	75 34.0 2586	117 22.6 2946
3	62 47.8 2574	26 38.7 2634	8 1.2 2853	73 54.8 2576	115 51.3 2935
6	64 27.3 2564	28 16.9 2618	9 34.5 2757	72 15.3 2566	114 19.7 2923
9	66 7.1 2554	29 55.4 2602	11 9.9 2694	70 35.6 2556	112 47.9 2912
12	67 47.0 2543	31 34.2 2587	12 46.7 2648	68 55.7 2545	111 15.9 2901
15	69 27.2 2533	33 13.4 2572	14 24.5 2613	67 15.5 2535	109 43.6 2889
18	71 7.7 2521	34 52.9 2558	16 3.1 2585	65 35.2 2524	108 11.1 2876
21	72 48.4 2511	36 32.8 2545	17 42.4 2561	63 54.5 2514	106 38.2 2866
14 UT	+Pollux	+Regulus	+Jupiter	–Antares	–Sun
0	74 29.4 2500	38 13.0 2531	19 22.2 2540	62 13.6 2503	105 5.2 2853
3	76 10.6 2489	39 53.5 2518	21 2.4 2522	60 32.5 2493	103 31.9 2841
6	77 52.0 2478	41 34.3 2504	22 43.1 2504	58 51.1 2481	101 58.3 2829
9	79 33.8 2467	43 15.4 2492	24 24.2 2488	57 9.5 2471	100 24.5 2818
12	81 15.7 2456	44 56.8 2479	26 5.7 2473	55 27.6 2460	98 50.4 2805
15	82 58.0 2445	46 38.5 2467	27 47.6 2459	53 45.4 2449	97 16.1 2793
18	84 40.5 2434	48 20.5 2454	29 29.7 2445	52 3.0 2438	95 41.5 2781
21	86 23.3 2422	50 2.8 2441	31 12.2 2430	50 20.4 2427	94 6.6 2769
15 UT	+Regulus	+Jupiter	+Denebola	–Antares	–Sun
0	51 45.3 2429	32 55.1 2417	31 18.8 2563	48 37.4 2416	92 31.5 2756
3	53 28.2 2417	34 38.3 2404	32 58.5 2538	46 54.3 2406	90 56.1 2745
6	55 11.4 2405	36 21.7 2391	34 38.9 2515	45 10.8 2395	89 20.4 2732
9	56 54.8 2393	38 5.5 2379	36 19.7 2493	43 27.1 2384	87 44.5 2720
12	58 38.6 2381	39 49.6 2366	38 1.1 2473	41 43.2 2373	86 8.3 2708
15	60 22.6 2368	41 34.0 2353	39 42.9 2454	39 59.0 2363	84 31.8 2695
18	62 6.9 2357	43 18.7 2341	41 25.2 2436	38 14.5 2353	82 55.0 2684
21	63 51.5 2345	45 3.6 2329	43 8.0 2418	36 29.9 2343	81 18.0 2672

JANUARY 2004

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
16 UT	+Regulus	+Jupiter	+Spica	–Antares	–Sun
0	65 36.4 2333	46 48.9 2317	12 1.3 2557	34 44.9 2332	79 40.7 2660
3	67 21.6 2322	48 34.5 2305	13 41.2 2492	32 59.7 2323	78 3.2 2648
6	69 7.0 2310	50 20.3 2294	15 22.6 2444	31 14.3 2314	76 25.3 2636
9	70 52.8 2299	52 6.5 2282	17 5.1 2406	29 28.7 2305	74 47.3 2625
12	72 38.7 2288	53 52.9 2271	18 48.5 2374	27 42.8 2297	73 8.9 2614
15	74 25.0 2278	55 39.6 2260	20 32.7 2349	25 56.7 2290	71 30.3 2603
18	76 11.5 2267	57 26.6 2248	22 17.5 2326	24 10.5 2283	69 51.5 2592
21	77 58.3 2256	59 13.8 2238	24 2.9 2306	22 24.1 2278	68 12.4 2581
17 UT	+Jupiter	+Denebola	+Spica	–Antares	–Sun
0	61 1.3 2228	58 49.2 2290	25 48.7 2288	20 37.6 2274	66 33.1 2571
3	62 49.1 2217	60 35.5 2278	27 35.0 2272	18 51.0 2273	64 53.5 2561
6	64 37.1 2207	62 22.0 2267	29 21.6 2257	17 4.3 2274	63 13.7 2551
9	66 25.4 2198	64 8.8 2255	31 8.7 2243	15 17.7 2281	61 33.7 2541
12	68 13.9 2188	65 55.8 2245	32 56.0 2230	13 31.2 2295	59 53.4 2532
15	70 2.6 2179	67 43.2 2235	34 43.7 2219	11 45.2 2323	58 13.0 2524
18	71 51.6 2171	69 30.7 2225	36 31.7 2207	9 59.7 2375	56 32.3 2516
21	73 40.8 2162	71 18.6 2216	38 20.0 2197	8 15.6 2477	54 51.5 2508
18 UT	+Jupiter	+Denebola	+Spica	+Zubenelgen	–Sun
0	75 30.2 2154	73 6.6 2207	40 8.5 2187	18 59.7 2161	53 10.4 2500
3	77 19.8 2146	74 54.9 2199	41 57.3 2178	20 49.1 2153	51 29.2 2494
6	79 9.6 2140	76 43.4 2192	43 46.3 2169	22 38.8 2147	49 47.9 2488
9	80 59.5 2132	78 32.0 2184	45 35.5 2161	24 28.5 2139	48 6.4 2482
12	82 49.7 2126	80 20.9 2178	47 25.0 2154	26 18.5 2133	46 24.7 2477
15	84 40.0 2120	82 9.9 2171	49 14.6 2147	28 8.6 2128	44 43.0 2473
18	86 30.5 2114	83 59.0 2166	51 4.4 2140	29 58.9 2122	43 1.1 2469
21	88 21.1 2109	85 48.4 2161	52 54.3 2135	31 49.3 2117	41 19.2 2466
19 UT	+Jupiter	+Spica	+Zubenelgen	+Antares	–Sun
0	90 11.8 2105	54 44.4 2129	33 39.9 2113	9 4.2 2278	39 37.2 2464
3	92 2.7 2101	56 34.6 2125	35 30.5 2109	10 50.7 2227	37 55.1 2463
6	93 53.6 2098	58 25.0 2122	37 21.2 2106	12 38.5 2194	36 13.1 2464
9	95 44.6 2094	60 15.4 2117	39 12.0 2103	14 27.1 2171	34 31.0 2465
12	97 35.7 2093	62 5.9 2115	41 2.9 2101	16 16.3 2156	32 49.0 2467
15	99 26.9 2091	63 56.5 2113	42 53.9 2099	18 5.8 2144	31 7.0 2471
18	101 18.1 2090	65 47.2 2111	44 44.9 2098	19 55.7 2136	29 25.1 2477
21	103 9.4 2089	67 37.8 2111	46 35.9 2098	21 45.7 2130	27 43.4 2485
20 UT	+Jupiter	+Spica	+Zubenelgen	+Antares	–Sun
0	105 0.6 2090	69 28.6 2110	48 26.9 2098	23 36.0 2125	26 1.8 2495
3	106 51.8 2090	71 19.3 2111	50 18.0 2098	25 26.3 2122	24 20.5 2508
6	108 43.1 2092	73 10.0 2112	52 9.0 2100	27 16.7 2121	22 39.4 2525
9	110 34.3 2093	75 0.6 2113	53 59.9 2101	29 7.1 2121	20 58.8 2546
12	112 25.4 2096	76 51.3 2116	55 50.9 2104	30 57.6 2121	19 18.7 2574
15	114 16.5 2099	78 41.8 2119	57 41.7 2108	32 48.0 2123	17 39.2 2611
18	116 7.5 2103	80 32.3 2122	59 32.5 2111	34 38.4 2125	16 0.5 2659
21	117 58.4 2107	82 22.7 2127	61 23.2 2115	36 28.8 2128	14 22.9 2727

JANUARY 2004

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
23 UT	+Sun	–Venus	–Mars	–Hamal	–Menkar
0	15 52.2 2798	22 55.5 2716	65 33.1 2480	81 24.1 2358	85 59.2 2380
3	17 26.7 2781	21 19.2 2740	63 51.4 2495	79 39.5 2373	84 15.1 2395
6	19 1.6 2772	19 43.5 2765	62 10.1 2511	77 55.3 2388	82 31.4 2410
9	20 36.6 2769	18 8.3 2795	60 29.1 2527	76 11.5 2405	80 48.1 2426
12	22 11.8 2769	16 33.7 2827	58 48.5 2542	74 28.0 2421	79 5.2 2442
15	23 46.9 2774	14 59.8 2867	57 8.3 2559	72 44.9 2438	77 22.6 2460
18	25 21.9 2781	13 26.8 2916	55 28.5 2576	71 2.3 2455	75 40.4 2477
21	26 56.8 2790	11 54.9 2980	53 49.0 2593	69 20.0 2474	73 58.7 2495
24 UT	+Sun	–Mars	–Hamal	–Menkar	–Aldebaran
0	28 31.5 2800	52 9.9 2610	67 38.2 2492	72 17.4 2513	97 50.9 2437
3	30 5.9 2812	50 31.2 2628	65 56.8 2511	70 36.5 2533	96 8.2 2454
6	31 40.1 2825	48 53.0 2646	64 15.9 2531	68 56.0 2552	94 25.9 2471
9	33 14.0 2839	47 15.1 2664	62 35.4 2551	67 16.0 2572	92 44.0 2488
12	34 47.6 2854	45 37.6 2682	60 55.3 2571	65 36.5 2593	91 2.5 2505
15	36 20.9 2869	44 0.6 2701	59 15.8 2592	63 57.4 2613	89 21.4 2522
18	37 53.9 2885	42 23.9 2719	57 36.7 2613	62 18.8 2635	87 40.8 2539
21	39 26.5 2901	40 47.7 2738	55 58.1 2635	60 40.7 2657	86 0.5 2557
25 UT	+Sun	–Mars	–Hamal	–Aldebaran	–Elnath
0	40 58.8 2918	39 11.9 2757	54 19.9 2657	84 20.6 2574	97 52.6 2542
3	42 30.7 2935	37 36.5 2777	52 42.3 2680	82 41.1 2593	96 12.4 2559
6	44 2.3 2952	36 1.5 2795	51 5.2 2704	81 2.0 2610	94 32.5 2577
9	45 33.5 2969	34 27.0 2815	49 28.7 2728	79 23.3 2628	92 53.1 2594
12	47 4.3 2987	32 52.8 2834	47 52.6 2752	77 45.1 2646	91 14.1 2611
15	48 34.8 3005	31 19.1 2853	46 17.1 2778	76 7.2 2664	89 35.4 2629
18	50 4.9 3022	29 45.8 2873	44 42.2 2804	74 29.7 2682	87 57.2 2646
21	51 34.6 3039	28 12.9 2892	43 7.8 2832	72 52.7 2700	86 19.3 2663
26 UT	+Sun	+Venus	–Mars	–Aldebaran	–Elnath
0	53 4.0 3057	14 52.0 3201	26 40.5 2912	71 16.0 2717	84 41.8 2680
3	54 33.1 3074	16 18.1 3204	25 8.4 2932	69 39.7 2735	83 4.7 2697
6	56 1.7 3092	17 44.2 3210	23 36.8 2953	68 3.9 2752	81 28.0 2714
9	57 30.1 3109	19 10.1 3218	22 5.6 2974	66 28.4 2770	79 51.6 2730
12	58 58.0 3126	20 35.9 3228	20 34.9 2994	64 53.3 2788	78 15.7 2746
15	60 25.6 3143	22 1.5 3240	19 4.5 3017	63 18.5 2805	76 40.0 2763
18	61 52.9 3159	23 26.9 3251	17 34.7 3040	61 44.2 2822	75 4.8 2778
21	63 19.9 3176	24 52.0 3264	16 5.3 3066	60 10.2 2840	73 29.8 2794
27 UT	+Sun	+Venus	–Aldebaran	–Elnath	–Saturn
0	64 46.5 3192	26 16.9 3278	58 36.6 2856	71 55.3 2809	86 36.3 2796
3	66 12.8 3208	27 41.5 3291	57 3.4 2873	70 21.0 2824	85 1.8 2810
6	67 38.8 3223	29 5.9 3304	55 30.5 2890	68 47.1 2839	83 27.5 2826
9	69 4.5 3239	30 30.0 3318	53 58.0 2906	67 13.5 2854	81 53.6 2840
12	70 29.9 3253	31 53.8 3331	52 25.8 2922	65 40.2 2867	80 20.0 2853
15	71 55.0 3268	33 17.4 3344	50 54.0 2939	64 7.2 2881	78 46.7 2868
18	73 19.8 3282	34 40.7 3357	49 22.5 2955	62 34.5 2894	77 13.8 2881
21	74 44.3 3296	36 3.8 3370	47 51.4 2971	61 2.0 2907	75 41.0 2893

JANUARY 2004

	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Sun	+Venus	–Aldebaran	–Elnath	–Saturn
0	76 8.6 3309	37 26.7 3382	46 20.6 2987	59 29.9 2920	74 8.6 2906
3	77 32.6 3322	38 49.3 3394	44 50.1 3003	57 58.0 2932	72 36.4 2919
6	78 56.3 3334	40 11.7 3406	43 20.0 3019	56 26.4 2944	71 4.5 2930
9	80 19.9 3347	41 33.8 3417	41 50.2 3035	54 55.0 2955	69 32.8 2942
12	81 43.1 3358	42 55.8 3429	40 20.7 3051	53 23.9 2966	68 1.4 2953
15	83 6.2 3369	44 17.5 3439	38 51.6 3068	51 52.9 2977	66 30.2 2964
18	84 29.1 3379	45 39.0 3448	37 22.8 3084	50 22.3 2986	64 59.3 2973
21	85 51.7 3390	47 0.4 3459	35 54.3 3102	48 51.8 2996	63 28.5 2983
29 UT	+Sun	+Venus	+Mars	–Elnath	–Saturn
0	87 14.2 3400	48 21.5 3468	9 12.5 3360	47 21.5 3005	61 58.0 2993
3	88 36.5 3409	49 42.5 3477	10 35.5 3339	45 51.4 3014	60 27.6 3002
6	89 58.6 3417	51 3.3 3485	11 58.9 3327	44 21.5 3023	58 57.4 3010
9	91 20.5 3425	52 24.0 3493	13 22.6 3320	42 51.8 3030	57 27.5 3018
12	92 42.3 3433	53 44.5 3500	14 46.4 3317	41 22.2 3038	55 57.6 3025
15	94 3.9 3441	55 4.9 3507	16 10.2 3316	39 52.8 3045	54 28.0 3034
18	95 25.4 3447	56 25.2 3513	17 34.1 3316	38 23.5 3052	52 58.4 3040
21	96 46.8 3453	57 45.3 3519	18 58.0 3317	36 54.4 3058	51 29.1 3046
30 UT	+Sun	+Venus	+Mars	–Saturn	–Pollux
0	98 8.1 3458	59 5.4 3525	20 21.9 3318	49 59.8 3052	65 53.0 3055
3	99 29.2 3464	60 25.3 3529	21 45.7 3319	48 30.7 3059	64 24.0 3060
6	100 50.3 3468	61 45.2 3533	23 9.5 3320	47 1.7 3063	62 55.0 3064
9	102 11.3 3472	63 5.0 3536	24 33.3 3323	45 32.8 3069	61 26.1 3068
12	103 32.2 3476	64 24.7 3541	25 57.0 3324	44 4.0 3073	59 57.3 3071
15	104 53.0 3479	65 44.3 3542	27 20.8 3325	42 35.3 3077	58 28.6 3073
18	106 13.8 3481	67 3.9 3545	28 44.5 3325	41 6.7 3081	56 59.9 3076
21	107 34.6 3484	68 23.5 3546	30 8.2 3326	39 38.2 3085	55 31.2 3078
31 UT	+Sun	+Venus	+Mars	–Saturn	–Jupiter
0	108 55.3 3485	69 43.1 3547	31 31.8 3326	38 9.7 3089	108 21.4 3051
3	110 15.9 3487	71 2.6 3548	32 55.5 3326	36 41.3 3092	106 52.2 3051
6	111 36.6 3487	72 22.1 3548	34 19.2 3325	35 13.0 3096	105 23.1 3052
9	112 57.2 3487	73 41.6 3548	35 42.9 3325	33 44.8 3099	103 53.9 3051
12	114 17.8 3487	75 1.1 3547	37 6.6 3323	32 16.6 3102	102 24.8 3050
15	115 38.5 3486	76 20.6 3545	38 30.3 3322	30 48.5 3105	100 55.6 3049
18	116 59.1 3484	77 40.2 3543	39 54.1 3319	29 20.5 3109	99 26.4 3047
21	118 19.8 3484	78 59.8 3541	41 17.9 3317	27 52.5 3114	97 57.2 3045