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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Enif	+Fomalhaut	+Markab	–Venus	–Alphard
0	78 24.7 2431	73 33.0 2573	58 9.3 2491	95 56.1 2382	97 19.2 2423
3	80 7.6 2444	75 12.5 2582	59 50.7 2495	94 12.1 2399	95 36.1 2437
6	81 50.1 2459	76 51.8 2593	61 32.0 2502	92 28.5 2418	93 53.5 2453
9	83 32.2 2473	78 30.9 2604	63 13.2 2509	90 45.3 2435	92 11.1 2469
12	85 14.1 2489	80 9.7 2617	64 54.2 2517	89 2.6 2454	90 29.2 2486
15	86 55.6 2506	81 48.2 2631	66 35.0 2527	87 20.3 2473	88 47.7 2503
18	88 36.6 2523	83 26.4 2646	68 15.6 2538	85 38.5 2493	87 6.5 2522
21	90 17.3 2541	85 4.3 2662	69 55.9 2550	83 57.1 2512	85 25.8 2541
2 UT	+Fomalhaut	+Markab	–Venus	–Alphard	–Sun
0	86 41.8 2678	71 36.0 2562	82 16.2 2532	83 45.6 2561	126 0.5 2615
3	88 18.9 2696	73 15.7 2576	80 35.7 2552	82 5.8 2581	124 22.0 2635
6	89 55.7 2714	74 55.2 2589	78 55.7 2571	80 26.4 2602	122 43.9 2654
9	91 32.0 2733	76 34.3 2605	77 16.2 2592	78 47.6 2624	121 6.2 2674
12	93 8.0 2753	78 13.1 2620	75 37.1 2612	77 9.2 2646	119 29.0 2694
15	94 43.5 2773	79 51.6 2636	73 58.4 2632	75 31.3 2669	117 52.2 2714
18	96 18.5 2794	81 29.7 2652	72 20.3 2652	73 54.0 2692	116 15.8 2734
21	97 53.1 2816	83 7.4 2669	70 42.5 2673	72 17.2 2716	114 39.9 2755
3 UT	–Pollux	–Procyon	–Venus	–Alphard	–Sun
0	38 54.1 2693	40 26.1 2662	69 5.3 2693	70 40.9 2740	113 4.5 2774
3	37 17.3 2732	38 48.6 2697	67 28.5 2714	69 5.1 2766	111 29.5 2795
6	35 41.4 2772	37 11.9 2734	65 52.1 2734	67 29.9 2792	109 54.9 2814
9	34 6.3 2817	35 36.0 2774	64 16.2 2754	65 55.3 2818	108 20.8 2834
12	32 32.2 2865	34 0.9 2817	62 40.7 2774	64 21.2 2845	106 47.0 2854
15	30 59.2 2918	32 26.8 2863	61 5.7 2794	62 47.7 2873	105 13.7 2873
18	29 27.3 2977	30 53.7 2914	59 31.1 2814	61 14.9 2902	103 40.9 2893
21	27 56.6 3043	29 21.7 2970	57 57.0 2833	59 42.6 2932	102 8.4 2912
4 UT	+Hamal	+Menkar	+Aldebaran	–Venus	–Sun
0	53 54.8 2770	45 14.0 2698	19 42.0 2597	56 23.3 2853	100 36.4 2931
3	55 29.9 2781	46 50.7 2710	21 21.0 2614	54 49.9 2872	99 4.7 2949
6	57 4.8 2792	48 27.1 2723	22 59.6 2631	53 17.0 2891	97 33.5 2969
9	58 39.4 2803	50 3.3 2735	24 37.8 2648	51 44.5 2910	96 2.6 2987
12	60 13.8 2815	51 39.2 2748	26 15.6 2665	50 12.4 2928	94 32.1 3005
15	61 48.0 2827	53 14.8 2761	27 53.1 2681	48 40.7 2946	93 2.0 3023
18	63 21.8 2839	54 50.1 2774	29 30.1 2697	47 9.4 2964	91 32.3 3041
21	64 55.4 2851	56 25.1 2787	31 6.9 2713	45 38.4 2981	90 2.9 3058
5 UT	+Markab	+Menkar	+Aldebaran	–Venus	–Sun
0	109 46.8 2997	57 59.8 2800	32 43.2 2728	44 7.8 2999	88 33.9 3075
3	111 17.1 3018	59 34.3 2813	34 19.3 2743	42 37.6 3016	87 5.3 3091
6	112 46.9 3040	61 8.4 2826	35 54.9 2758	41 7.8 3033	85 36.9 3107
9	114 16.3 3062	62 42.3 2839	37 30.3 2773	39 38.2 3049	84 8.9 3124
12	115 45.2 3083	64 15.9 2851	39 5.3 2787	38 9.0 3065	82 41.2 3138
15	117 13.7 3106	65 49.3 2863	40 40.1 2801	36 40.2 3080	81 13.9 3154
18	118 41.7 3129	67 22.4 2875	42 14.5 2814	35 11.6 3096	79 46.8 3168
21	120 9.3 3152	68 55.2 2888	43 48.7 2828	33 43.4 3111	78 20.0 3183

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
6 UT	+Aldebaran	+Elnath	+Betelgeuse	–Venus	–Sun
0	45 22.5 2841	34 17.3 3077	28 24.7 3184	32 15.4 3125	76 53.6 3198
3	46 56.1 2853	35 45.9 3072	29 51.1 3165	30 47.8 3139	75 27.4 3211
6	48 29.4 2865	37 14.7 3069	31 18.0 3151	29 20.4 3153	74 1.4 3224
9	50 2.4 2877	38 43.4 3068	32 45.1 3139	27 53.3 3167	72 35.8 3236
12	51 35.2 2889	40 12.2 3068	34 12.5 3131	26 26.5 3179	71 10.3 3250
15	53 7.8 2899	41 41.1 3068	35 40.0 3124	24 60.0 3192	69 45.2 3261
18	54 40.1 2910	43 9.9 3069	37 7.6 3120	23 33.7 3205	68 20.2 3273
21	56 12.2 2921	44 38.6 3071	38 35.4 3116	22 7.6 3216	66 55.5 3284
7 UT	+Aldebaran	+Betelgeuse	+Pollux	–Venus	–Sun
0	57 44.1 2930	40 3.2 3114	18 9.3 4003	20 41.8 3228	65 31.1 3295
3	59 15.7 2940	41 31.1 3113	19 20.9 3861	19 16.2 3239	64 6.8 3306
6	60 47.2 2949	42 59.0 3112	20 34.8 3747	17 50.8 3250	62 42.7 3316
9	62 18.5 2958	44 26.9 3113	21 50.8 3656	16 25.7 3261	61 18.8 3325
12	63 49.5 2966	45 54.8 3113	23 8.3 3583	15 0.7 3271	59 55.1 3335
15	65 20.4 2974	47 22.6 3114	24 27.2 3523	13 36.0 3281	58 31.6 3343
18	66 51.2 2982	48 50.5 3116	25 47.2 3474	12 11.4 3293	57 8.3 3353
21	68 21.8 2989	50 18.3 3117	27 8.1 3433	10 47.1 3302	55 45.1 3360
8 UT	+Aldebaran	+Betelgeuse	+Pollux	+Procyon	–Sun
0	69 52.2 2996	51 46.1 3119	28 29.7 3399	26 48.8 3421	54 22.1 3368
3	71 22.5 3003	53 13.9 3121	29 52.0 3370	28 10.7 3387	52 59.2 3376
6	72 52.6 3009	54 41.6 3123	31 14.8 3346	29 33.2 3360	51 36.5 3382
9	74 22.6 3015	56 9.3 3126	32 38.1 3326	30 56.2 3336	50 13.9 3389
12	75 52.5 3021	57 36.9 3127	34 1.8 3308	32 19.7 3317	48 51.4 3395
15	77 22.3 3026	59 4.5 3130	35 25.8 3293	33 43.6 3300	47 29.1 3402
18	78 51.9 3031	60 32.1 3131	36 50.1 3280	35 7.8 3285	46 6.9 3407
21	80 21.5 3036	61 59.6 3134	38 14.7 3269	36 32.2 3273	44 44.7 3413
9 UT	+Betelgeuse	+Sirius	+Pollux	+Procyon	–Sun
0	63 27.1 3135	56 54.8 4339	39 39.5 3259	37 57.0 3261	43 22.7 3417
3	64 54.5 3137	58 1.1 4301	41 4.5 3250	39 21.9 3252	42 0.8 3422
6	66 21.9 3139	59 8.0 4266	42 29.6 3243	40 47.0 3244	40 38.9 3427
9	67 49.3 3140	60 15.4 4233	43 54.9 3236	42 12.3 3236	39 17.2 3431
12	69 16.6 3142	61 23.3 4203	45 20.3 3230	43 37.7 3230	37 55.5 3435
15	70 43.9 3143	62 31.6 4175	46 45.9 3225	45 3.3 3223	36 33.9 3438
18	72 11.2 3145	63 40.5 4149	48 11.5 3219	46 29.0 3218	35 12.3 3442
21	73 38.5 3145	64 49.7 4125	49 37.3 3215	47 54.7 3214	33 50.8 3444
10 UT	+Pollux	+Procyon	+Alphard	+Venus	–Sun
0	51 3.2 3211	49 20.6 3210	26 13.9 4777	12 51.6 3391	32 29.4 3448
3	52 29.1 3207	50 46.6 3205	27 13.8 4610	14 14.0 3393	31 8.0 3450
6	53 55.1 3204	52 12.6 3201	28 16.1 4469	15 36.4 3395	29 46.7 3452
9	55 21.2 3200	53 38.7 3198	29 20.4 4345	16 58.8 3396	28 25.4 3455
12	56 47.3 3197	55 4.9 3194	30 26.6 4237	18 21.1 3397	27 4.2 3457
15	58 13.5 3194	56 31.2 3191	31 34.4 4144	19 43.4 3399	25 43.0 3459
18	59 39.8 3191	57 57.5 3188	32 43.8 4060	21 5.7 3400	24 21.8 3461
21	61 6.1 3188	59 23.9 3185	33 54.4 3987	22 28.0 3401	23 0.7 3463

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11 UT	+Pollux	+Procyon	+Alphard	+Venus	–Sun
0	62 32.5 3186	60 50.3 3182	35 6.3 3923	23 50.2 3402	21 39.6 3465
3	63 58.9 3182	62 16.8 3179	36 19.2 3865	25 12.5 3402	20 18.6 3466
6	65 25.4 3180	63 43.4 3176	37 33.1 3813	26 34.7 3402	18 57.6 3469
9	66 51.9 3177	65 10.0 3174	38 47.9 3767	27 56.9 3403	17 36.6 3472
12	68 18.5 3174	66 36.7 3171	40 3.5 3724	29 19.1 3402	16 15.7 3475
15	69 45.2 3172	68 3.4 3169	41 19.9 3686	30 41.4 3402	14 54.8 3479
18	71 11.9 3169	69 30.2 3165	42 36.9 3652	32 3.6 3401	13 34.0 3484
21	72 38.7 3167	70 57.0 3163	43 54.5 3621	33 25.8 3401	12 13.3 3493
14 UT	+Sun	–Antares	–Al na'ir	–Enif	–Fomalhaut
0	11 9.7 3444	39 26.4 3183	103 58.7 4046	117 17.0 3352	121 31.7 3552
3	12 31.1 3432	37 59.9 3189	102 47.8 4030	115 53.8 3340	120 12.3 3532
6	13 52.8 3421	36 33.5 3198	101 36.6 4015	114 30.4 3329	118 52.5 3513
9	15 14.7 3412	35 7.3 3207	100 25.2 4001	113 6.7 3317	117 32.3 3496
12	16 36.7 3404	33 41.3 3219	99 13.6 3988	111 42.9 3307	116 11.8 3479
15	17 58.9 3396	32 15.6 3232	98 1.7 3976	110 18.8 3297	114 51.1 3463
18	19 21.3 3389	30 50.1 3249	96 49.7 3966	108 54.6 3287	113 30.0 3449
21	20 43.7 3381	29 24.9 3268	95 37.5 3956	107 30.2 3277	112 8.6 3434
15 UT	+Sun	–Nunki	–Al na'ir	–Enif	–Fomalhaut
0	22 6.3 3375	59 49.4 3058	94 25.1 3947	106 5.5 3268	110 47.0 3421
3	23 29.1 3368	58 20.4 3055	93 12.6 3939	104 40.7 3259	109 25.1 3407
6	24 52.0 3361	56 51.3 3052	91 59.9 3931	103 15.8 3250	108 3.0 3395
9	26 15.0 3354	55 22.2 3049	90 47.1 3925	101 50.6 3242	106 40.6 3383
12	27 38.1 3348	53 53.0 3047	89 34.2 3920	100 25.3 3234	105 18.0 3371
15	29 1.4 3341	52 23.8 3044	88 21.2 3916	98 59.8 3226	103 55.2 3360
18	30 24.8 3333	50 54.5 3041	87 8.2 3912	97 34.2 3218	102 32.2 3349
21	31 48.3 3325	49 25.1 3038	85 55.1 3909	96 8.4 3210	101 9.0 3339
16 UT	+Sun	–Nunki	–Al na'ir	–Fomalhaut	–Markab
0	33 12.0 3319	47 55.7 3037	84 41.9 3908	99 45.5 3329	115 2.5 3231
3	34 35.8 3312	46 26.3 3035	83 28.7 3907	98 21.9 3319	113 36.9 3218
6	35 59.8 3303	44 56.8 3033	82 15.5 3907	96 58.1 3310	112 11.1 3205
9	37 23.9 3295	43 27.3 3032	81 2.3 3908	95 34.1 3301	110 45.1 3192
12	38 48.2 3287	41 57.7 3032	79 49.1 3911	94 9.9 3292	109 18.8 3180
15	40 12.6 3279	40 28.2 3032	78 36.0 3914	92 45.6 3284	107 52.2 3168
18	41 37.2 3270	38 58.6 3032	77 22.9 3918	91 21.1 3275	106 25.5 3156
21	43 2.0 3262	37 29.1 3034	76 9.9 3924	89 56.4 3268	104 58.4 3145
17 UT	+Sun	–Nunki	–Al na'ir	–Fomalhaut	–Markab
0	44 26.9 3252	35 59.6 3036	74 56.9 3931	88 31.6 3260	103 31.2 3133
3	45 52.0 3243	34 30.1 3040	73 44.1 3939	87 6.7 3252	102 3.7 3122
6	47 17.3 3234	33 0.8 3046	72 31.5 3949	85 41.5 3245	100 36.0 3111
9	48 42.8 3224	31 31.5 3053	71 19.0 3960	84 16.3 3238	99 8.1 3100
12	50 8.4 3214	30 2.4 3063	70 6.7 3973	82 50.9 3232	97 40.0 3089
15	51 34.3 3204	28 33.5 3076	68 54.6 3988	81 25.4 3226	96 11.6 3079
18	53 0.4 3193	27 4.9 3093	67 42.7 4004	79 59.8 3220	94 43.0 3068
21	54 26.6 3183	25 36.6 3115	66 31.1 4023	78 34.0 3214	93 14.2 3057

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18 UT	+Sun	–Al na'ir	–Enif	–Fomalhaut	–Markab
0	55 53.1 3172	65 19.9 4044	71 28.9 3102	77 8.1 3209	91 45.2 3047
3	57 19.8 3161	64 8.9 4068	70 0.7 3098	75 42.2 3205	90 16.0 3037
6	58 46.8 3149	62 58.4 4093	68 32.6 3094	74 16.1 3200	88 46.5 3026
9	60 13.9 3137	61 48.3 4122	67 4.3 3090	72 50.0 3196	87 16.8 3016
12	61 41.3 3125	60 38.6 4154	65 35.9 3087	71 23.8 3193	85 47.0 3006
15	63 9.0 3113	59 29.4 4189	64 7.5 3084	69 57.5 3190	84 16.9 2996
18	64 36.8 3101	58 20.9 4228	62 39.0 3082	68 31.1 3188	82 46.6 2986
21	66 5.0 3088	57 12.9 4272	61 10.5 3081	67 4.8 3187	81 16.1 2976
19 UT	+Sun	+Sabik	–Al na'ir	–Fomalhaut	–Markab
0	67 33.4 3074	14 36.1 2763	56 5.6 4320	65 38.3 3186	79 45.4 2967
3	69 2.1 3061	16 11.4 2744	54 59.0 4374	64 11.9 3187	78 14.5 2957
6	70 31.0 3048	17 47.1 2725	53 53.3 4432	62 45.5 3188	76 43.4 2948
9	72 0.2 3033	19 23.2 2708	52 48.4 4497	61 19.2 3191	75 12.1 2939
12	73 29.7 3019	20 59.6 2692	51 44.5 4569	59 52.8 3194	73 40.6 2930
15	74 59.5 3005	22 36.5 2676	50 41.6 4649	58 26.6 3200	72 9.0 2921
18	76 29.6 2990	24 13.7 2660	49 39.9 4738	57 0.4 3207	70 37.1 2913
21	78 0.0 2975	25 51.2 2644	48 39.5 4836	55 34.4 3215	69 5.1 2905
20 UT	+Sun	+Sabik	–Fomalhaut	–Markab	–Diphda
0	79 30.8 2960	27 29.1 2629	54 8.6 3226	67 32.9 2898	79 47.6 2912
3	81 1.8 2945	29 7.3 2613	52 42.9 3239	66 0.5 2891	78 15.6 2901
6	82 33.1 2930	30 45.9 2598	51 17.6 3255	64 28.1 2885	76 43.3 2891
9	84 4.8 2914	32 24.9 2583	49 52.5 3274	62 55.4 2879	75 10.8 2881
12	85 36.8 2898	34 4.2 2567	48 27.8 3296	61 22.7 2874	73 38.1 2872
15	87 9.2 2881	35 43.8 2551	47 3.6 3322	59 49.8 2870	72 5.2 2862
18	88 41.9 2866	37 23.9 2536	45 39.8 3354	58 16.9 2867	70 32.1 2855
21	90 14.9 2849	39 4.2 2520	44 16.7 3390	56 43.9 2865	68 58.8 2846
21 UT	+Sun	+Shaula	+Kaus Aust.	+Nunki	–Markab
0	91 48.3 2832	38 40.8 3161	28 23.6 3377	18 20.2 3006	55 10.8 2864
3	93 22.0 2816	40 7.7 3101	29 46.3 3275	19 50.3 2914	53 37.7 2865
6	94 56.1 2799	41 35.8 3045	31 10.9 3185	21 22.3 2837	52 4.7 2867
9	96 30.6 2782	43 5.1 2994	32 37.4 3105	22 56.0 2773	50 31.7 2872
12	98 5.5 2765	44 35.4 2946	34 5.4 3034	24 31.0 2717	48 58.8 2878
15	99 40.7 2749	46 6.7 2902	35 34.9 2970	26 7.3 2669	47 26.0 2888
18	101 16.2 2732	47 39.0 2860	37 5.8 2912	27 44.6 2626	45 53.4 2900
21	102 52.2 2714	49 12.2 2820	38 37.8 2858	29 23.0 2587	44 21.1 2915
22 UT	+Sun	+Sabik	+Shaula	+Kaus Aust.	+Nunki
0	104 28.5 2698	54 24.4 2376	50 46.2 2784	40 11.0 2810	31 2.1 2553
3	106 5.2 2680	56 8.6 2360	52 21.0 2749	41 45.2 2765	32 42.1 2520
6	107 42.3 2664	57 53.1 2344	53 56.6 2716	43 20.4 2724	34 22.9 2490
9	109 19.8 2647	59 38.0 2327	55 32.9 2685	44 56.6 2685	36 4.3 2462
12	110 57.6 2630	61 23.3 2312	57 9.9 2655	46 33.6 2649	37 46.4 2436
15	112 35.9 2613	63 9.0 2296	58 47.5 2627	48 11.4 2615	39 29.1 2411
18	114 14.5 2597	64 55.1 2280	60 25.8 2599	49 49.9 2583	41 12.4 2387
21	115 53.4 2581	66 41.6 2265	62 4.7 2574	51 29.2 2553	42 56.3 2365

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23 UT	+Sabik	+Shaula	+Kaus Aust.	+Nunki	–Betelgeuse
0	68 28.4 2250	63 44.2 2549	53 9.2 2524	44 40.7 2344	121 38.5 2352
3	70 15.6 2235	65 24.3 2526	54 49.8 2498	46 25.6 2323	119 53.8 2333
6	72 3.2 2220	67 4.9 2503	56 31.1 2472	48 11.0 2303	118 8.7 2315
9	73 51.1 2205	68 46.1 2482	58 13.0 2448	49 56.9 2284	116 23.1 2298
12	75 39.5 2191	70 27.7 2461	59 55.4 2425	51 43.3 2266	114 37.0 2281
15	77 28.1 2177	72 9.8 2442	61 38.4 2403	53 30.1 2248	112 50.6 2264
18	79 17.1 2164	73 52.4 2423	63 21.9 2382	55 17.4 2232	111 3.7 2249
21	81 6.5 2150	75 35.4 2406	65 5.9 2362	57 5.0 2216	109 16.5 2234
24 UT	+Rasalhague	+Kaus Aust.	+Nunki	+Altair	–Aldebaran
0	79 45.6 2809	66 50.4 2344	58 53.1 2200	46 24.2 2995	88 54.1 2135
3	81 19.9 2790	68 35.3 2326	60 41.5 2186	47 54.5 2934	87 4.0 2122
6	82 54.5 2773	70 20.6 2309	62 30.3 2172	49 26.1 2879	85 13.6 2110
9	84 29.6 2757	72 6.4 2294	64 19.5 2158	50 58.9 2828	83 22.9 2099
12	86 5.0 2743	73 52.5 2279	66 9.0 2145	52 32.7 2781	81 31.9 2088
15	87 40.7 2731	75 39.0 2265	67 58.8 2133	54 7.6 2739	79 40.6 2077
18	89 16.6 2721	77 25.8 2253	69 48.9 2122	55 43.4 2700	77 49.1 2067
21	90 52.8 2712	79 13.0 2241	71 39.3 2111	57 20.0 2664	75 57.2 2058
25 UT	+Kaus Aust.	+Nunki	+Altair	+Enif	–Aldebaran
0	81 0.4 2230	73 30.0 2101	58 57.5 2632	31 49.6 3107	74 5.2 2049
3	82 48.1 2220	75 21.0 2092	60 35.7 2603	33 17.7 2997	72 12.9 2041
6	84 36.1 2211	77 12.2 2084	62 14.5 2576	34 47.9 2903	70 20.4 2033
9	86 24.2 2203	79 3.5 2076	63 54.0 2552	36 20.1 2821	68 27.7 2026
12	88 12.6 2197	80 55.1 2069	65 34.0 2530	37 54.1 2750	66 34.8 2019
15	90 1.1 2191	82 46.9 2063	67 14.5 2510	39 29.7 2688	64 41.8 2014
18	91 49.8 2186	84 38.8 2057	68 55.5 2493	41 6.6 2634	62 48.6 2009
21	93 38.6 2183	86 30.9 2053	70 36.8 2478	42 44.7 2587	60 55.2 2004
26 UT	+Nunki	+Enif	+Fomalhaut	+Markab	–Aldebaran
0	88 23.1 2049	44 24.0 2544	41 18.9 2941	26 30.9 3471	59 1.8 2001
3	90 15.4 2046	46 4.1 2508	42 50.3 2873	27 51.8 3293	57 8.2 1998
6	92 7.7 2044	47 45.2 2476	44 23.2 2813	29 16.1 3144	55 14.6 1996
9	94 0.2 2043	49 26.9 2448	45 57.3 2761	30 43.4 3021	53 21.0 1994
12	95 52.6 2043	51 9.4 2424	47 32.7 2715	32 13.1 2917	51 27.3 1994
15	97 45.0 2043	52 52.3 2403	49 9.0 2674	33 45.1 2829	49 33.5 1994
18	99 37.5 2045	54 35.8 2385	50 46.2 2639	35 18.9 2755	47 39.8 1995
21	101 29.9 2047	56 19.8 2370	52 24.2 2609	36 54.3 2693	45 46.1 1996
27 UT	+Altair	+Enif	+Fomalhaut	+Markab	–Aldebaran
0	86 0.3 2420	58 4.1 2357	54 2.9 2582	38 31.1 2639	43 52.4 1998
3	87 43.4 2423	59 48.7 2347	55 42.2 2560	40 9.2 2594	41 58.8 2002
6	89 26.5 2426	61 33.5 2339	57 22.1 2540	41 48.2 2556	40 5.3 2006
9	91 9.4 2431	63 18.5 2332	59 2.3 2524	43 28.1 2523	38 11.9 2011
12	92 52.2 2438	65 3.7 2328	60 43.0 2510	45 8.8 2496	36 18.7 2016
15	94 34.9 2447	66 49.0 2326	62 24.0 2500	46 50.1 2473	34 25.5 2022
18	96 17.3 2457	68 34.4 2325	64 5.2 2492	48 31.9 2455	32 32.5 2029
21	97 59.6 2468	70 19.8 2326	65 46.6 2486	50 14.2 2440	30 39.7 2037

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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
28 UT	+Altair	+Enif	+Fomalhaut	+Markab	–Venus
0	99 41.5 2481	72 5.1 2328	67 28.1 2482	51 56.8 2428	126 32.1 2350
3	101 23.2 2496	73 50.4 2332	69 9.7 2480	53 39.7 2419	124 47.4 2360
6	103 4.4 2513	75 35.6 2337	70 51.4 2480	55 22.8 2413	123 2.8 2371
9	104 45.4 2531	77 20.7 2343	72 33.1 2482	57 6.1 2409	121 18.6 2382
12	106 25.8 2551	79 5.7 2350	74 14.7 2486	58 49.5 2407	119 34.6 2394
15	108 5.9 2572	80 50.4 2359	75 56.3 2491	60 32.9 2407	117 50.9 2407
18	109 45.4 2596	82 35.0 2370	77 37.7 2497	62 16.3 2409	116 7.5 2420
21	111 24.4 2621	84 19.3 2381	79 19.0 2505	63 59.7 2412	114 24.4 2434
29 UT	+Enif	+Fomalhaut	+Markab	–Regulus	–Venus
0	86 3.3 2393	81 0.0 2515	65 42.9 2417	93 59.1 2141	112 41.6 2449
3	87 47.0 2406	82 40.9 2526	67 26.1 2424	92 9.2 2155	110 59.2 2464
6	89 30.4 2421	84 21.5 2538	69 9.1 2432	90 19.6 2169	109 17.2 2480
9	91 13.5 2436	86 1.9 2551	70 51.9 2441	88 30.4 2184	107 35.5 2496
12	92 56.2 2452	87 41.9 2565	72 34.5 2451	86 41.5 2199	105 54.2 2513
15	94 38.6 2469	89 21.6 2581	74 16.9 2462	84 53.0 2215	104 13.3 2530
18	96 20.5 2487	91 0.9 2597	75 59.0 2474	83 5.0 2232	102 32.8 2548
21	98 2.0 2506	92 39.9 2615	77 40.8 2488	81 17.3 2248	100 52.6 2566
30 UT	+Fomalhaut	+Markab	–Alphard	–Regulus	–Venus
0	94 18.5 2634	79 22.3 2502	76 0.8 2534	79 30.1 2265	99 13.0 2584
3	95 56.6 2653	81 3.4 2517	74 20.3 2556	77 43.2 2282	97 33.7 2603
6	97 34.3 2674	82 44.3 2532	72 40.4 2579	75 56.8 2300	95 54.9 2623
9	99 11.5 2695	84 24.7 2549	71 1.0 2603	74 10.8 2318	94 16.5 2642
12	100 48.3 2718	86 4.8 2566	69 22.2 2628	72 25.3 2336	92 38.5 2662
15	102 24.6 2742	87 44.5 2584	67 43.9 2654	70 40.2 2355	91 1.0 2682
18	104 0.3 2766	89 23.8 2602	66 6.2 2681	68 55.5 2374	89 23.9 2702
21	105 35.5 2792	91 2.6 2621	64 29.2 2709	67 11.3 2392	87 47.3 2722
31 UT	–Pollux	–Procyon	–Alphard	–Regulus	–Venus
0	30 59.8 2772	32 31.8 2730	62 52.7 2737	65 27.6 2411	86 11.2 2743
3	29 24.7 2832	30 55.8 2783	61 16.9 2768	63 44.3 2430	84 35.4 2764
6	27 50.9 2900	29 21.0 2842	59 41.7 2798	62 1.4 2449	83 0.2 2784
9	26 18.6 2978	27 47.4 2910	58 7.2 2831	60 19.0 2468	81 25.4 2805
12	24 48.0 3068	26 15.3 2986	56 33.4 2865	58 37.1 2488	79 51.0 2826
15	23 19.2 3174	24 44.8 3074	55 0.4 2900	56 55.6 2507	78 17.1 2846
18	21 52.5 3301	23 16.2 3179	53 28.1 2937	55 14.5 2526	76 43.7 2867
21	20 28.3 3453	21 49.6 3302	51 56.6 2976	53 33.9 2546	75 10.7 2888