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	° / P.L.	° / P.L.	° / P.L.	° / P.L.	° / P.L.
1 UT	+Nunki	–Aldebaran	–Elnath	–Capella	–Venus
0	80 57.5 2478	66 11.2 2534	79 24.0 2478	80 19.2 2729	110 3.1 2866
3	82 39.2 2493	64 30.8 2551	77 42.3 2493	78 43.2 2747	108 30.0 2882
6	84 20.6 2509	62 50.8 2569	76 0.9 2509	77 7.5 2766	106 57.3 2899
9	86 1.6 2524	61 11.2 2587	74 19.9 2525	75 32.3 2786	105 25.0 2915
12	87 42.3 2540	59 32.0 2605	72 39.3 2541	73 57.6 2806	103 53.0 2932
15	89 22.5 2556	57 53.2 2623	70 59.0 2557	72 23.3 2827	102 21.4 2949
18	91 2.4 2572	56 14.8 2642	69 19.1 2573	70 49.4 2848	100 50.1 2966
21	92 42.0 2588	54 36.8 2662	67 39.6 2589	69 16.0 2871	99 19.2 2984
2 UT	+Fomalhaut	–Aldebaran	–Elnath	–Capella	–Venus
0	46 15.6 2968	52 59.3 2680	66 0.4 2605	67 43.0 2893	97 48.7 3001
3	47 46.5 2965	51 22.2 2700	64 21.6 2621	66 10.6 2917	96 18.5 3018
6	49 17.4 2965	49 45.6 2720	62 43.2 2637	64 38.6 2941	94 48.7 3035
9	50 48.3 2966	48 9.4 2741	61 5.1 2653	63 7.2 2966	93 19.2 3053
12	52 19.3 2968	46 33.6 2762	59 27.4 2669	61 36.3 2992	91 50.1 3071
15	53 50.1 2972	44 58.3 2783	57 50.1 2685	60 5.9 3018	90 21.3 3088
18	55 20.9 2977	43 23.5 2805	56 13.1 2701	58 36.1 3046	88 52.9 3105
21	56 51.6 2982	41 49.1 2827	54 36.5 2717	57 6.8 3074	87 24.9 3122
3 UT	+Fomalhaut	–Aldebaran	–Elnath	–Saturn	–Venus
0	58 22.2 2989	40 15.3 2851	53 0.2 2733	83 45.6 2784	85 57.2 3139
3	59 52.6 2995	38 41.9 2875	51 24.3 2748	82 10.8 2799	84 29.8 3156
6	61 22.9 3003	37 9.1 2900	49 48.7 2763	80 36.3 2814	83 2.8 3173
9	62 53.1 3011	35 36.8 2926	48 13.4 2778	79 2.1 2830	81 36.1 3190
12	64 23.0 3020	34 5.0 2954	46 38.5 2793	77 28.3 2845	80 9.8 3206
15	65 52.8 3029	32 33.9 2983	45 3.9 2808	75 54.8 2860	78 43.8 3222
18	67 22.4 3038	31 3.3 3014	43 29.6 2822	74 21.7 2875	77 18.1 3239
21	68 51.8 3047	29 33.4 3048	41 55.6 2836	72 48.8 2889	75 52.7 3254
4 UT	+Fomalhaut	–Pollux	–Saturn	–Venus	–Sun
0	70 21.1 3057	70 51.2 2849	71 16.3 2903	74 27.6 3269	119 20.3 3213
3	71 50.1 3067	69 17.8 2862	69 44.0 2917	73 2.8 3285	117 54.4 3228
6	73 18.9 3076	67 44.7 2875	68 12.1 2930	71 38.4 3300	116 28.8 3241
9	74 47.6 3086	66 11.9 2888	66 40.4 2944	70 14.2 3315	115 3.5 3255
12	76 16.0 3096	64 39.3 2901	65 9.0 2957	68 50.3 3328	113 38.4 3268
15	77 44.2 3106	63 7.0 2913	63 37.9 2969	67 26.6 3343	112 13.6 3281
18	79 12.3 3116	61 35.0 2925	62 7.1 2982	66 3.3 3357	110 49.0 3293
21	80 40.1 3125	60 3.2 2936	60 36.5 2994	64 40.2 3370	109 24.7 3305
5 UT	+Diphda	–Pollux	–Saturn	–Venus	–Sun
0	55 46.5 3269	58 31.7 2947	59 6.2 3006	63 17.4 3383	108 0.6 3317
3	57 11.3 3268	57 0.3 2957	57 36.1 3017	61 54.8 3395	106 36.8 3328
6	58 36.1 3269	55 29.2 2968	56 6.2 3028	60 32.4 3408	105 13.1 3339
9	60 0.9 3269	53 58.4 2978	54 36.6 3039	59 10.3 3419	103 49.7 3349
12	61 25.6 3270	52 27.7 2987	53 7.2 3049	57 48.4 3431	102 26.5 3359
15	62 50.4 3271	50 57.2 2996	51 38.0 3060	56 26.7 3442	101 3.4 3369
18	64 15.1 3273	49 26.9 3005	50 9.1 3069	55 5.2 3453	99 40.6 3378
21	65 39.9 3274	47 56.8 3012	48 40.3 3078	53 44.0 3463	98 17.9 3386

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6 UT	+Hamal	−Pollux	−Saturn	−Venus	−Sun
0	29 44.4 3262	46 26.9 3020	47 11.7 3088	52 22.9 3473	96 55.3 3393
3	31 9.3 3249	44 57.1 3027	45 43.3 3097	51 2.0 3483	95 33.0 3402
6	32 34.5 3238	43 27.5 3034	44 15.1 3105	49 41.3 3492	94 10.7 3409
9	33 59.9 3228	41 58.0 3040	42 47.0 3113	48 20.7 3501	92 48.6 3415
12	35 25.5 3220	40 28.6 3046	41 19.1 3122	47 0.4 3509	91 26.6 3421
15	36 51.2 3214	38 59.3 3051	39 51.4 3129	45 40.1 3518	90 4.8 3427
18	38 17.1 3207	37 30.2 3056	38 23.9 3137	44 20.1 3525	88 43.0 3431
21	39 43.1 3203	36 1.1 3062	36 56.5 3145	43 0.1 3534	87 21.3 3437
7 UT	+Hamal	−Pollux	−Saturn	−Venus	−Sun
0	41 9.2 3198	34 32.2 3065	35 29.2 3152	41 40.4 3541	85 59.7 3440
3	42 35.4 3193	33 3.4 3068	34 2.1 3160	40 20.7 3548	84 38.2 3443
6	44 1.7 3189	31 34.6 3072	32 35.2 3168	39 1.2 3556	83 16.8 3447
9	45 28.0 3185	30 5.8 3075	31 8.4 3176	37 41.9 3562	81 55.4 3449
12	46 54.5 3181	28 37.2 3077	29 41.8 3184	36 22.6 3570	80 34.1 3451
15	48 21.0 3177	27 8.6 3079	28 15.3 3193	35 3.5 3577	79 12.7 3452
18	49 47.6 3174	25 40.0 3081	26 49.1 3204	33 44.5 3585	77 51.4 3454
21	51 14.2 3170	24 11.5 3082	25 23.0 3215	32 25.7 3592	76 30.2 3453
8 UT	+Aldebaran	+Elnath	−Pollux	−Venus	−Sun
0	22 53.6 3391	7 58.7 3136	22 42.9 3084	31 7.0 3600	75 8.9 3453
3	24 16.1 3356	9 26.1 3118	21 14.5 3085	29 48.4 3609	73 47.7 3453
6	25 39.2 3325	10 53.9 3105	19 46.0 3086	28 30.0 3618	72 26.4 3451
9	27 2.9 3299	12 22.0 3097	18 17.6 3087	27 11.8 3629	71 5.1 3450
12	28 27.1 3277	13 50.2 3089	16 49.2 3089	25 53.7 3642	69 43.8 3448
15	29 51.7 3256	15 18.5 3083	15 20.8 3091	24 35.9 3657	68 22.4 3445
18	31 16.8 3237	16 47.0 3077	13 52.5 3095	23 18.4 3673	67 1.0 3442
21	32 42.2 3220	18 15.7 3071	12 24.2 3100	22 1.1 3693	65 39.5 3438
9 UT	+Hamal	+Aldebaran	+Elnath	−Venus	−Sun
0	64 18.1 3127	34 7.9 3204	19 44.4 3065	20 44.2 3718	64 18.0 3435
3	65 45.7 3121	35 34.0 3190	21 13.3 3060	19 27.8 3749	62 56.4 3431
6	67 13.4 3115	37 0.3 3175	22 42.2 3054	18 11.9 3788	61 34.7 3425
9	68 41.3 3109	38 27.0 3162	24 11.3 3048	16 56.6 3837	60 12.9 3420
12	70 9.3 3102	39 53.9 3150	25 40.5 3041	15 42.2 3901	58 51.0 3415
15	71 37.4 3095	41 21.0 3137	27 9.9 3035	14 28.9 3986	57 29.0 3409
18	73 5.6 3088	42 48.4 3125	28 39.4 3028	13 17.0 4100	56 6.9 3403
21	74 34.0 3080	44 16.1 3113	30 9.0 3021	12 7.0 4259	54 44.7 3396
10 UT	+Hamal	+Aldebaran	+Capella	+Elnath	−Sun
0	76 2.6 3072	45 43.9 3101	36 3.1 3771	31 38.7 3014	53 22.4 3388
3	77 31.3 3064	47 12.1 3090	37 18.6 3713	33 8.7 3006	51 59.9 3381
6	79 0.2 3056	48 40.4 3078	38 35.2 3660	34 38.7 2999	50 37.3 3374
9	80 29.2 3048	50 9.0 3067	39 52.7 3612	36 9.0 2991	49 14.5 3366
12	81 58.4 3039	51 37.8 3056	41 11.0 3566	37 39.4 2982	47 51.6 3357
15	83 27.8 3031	53 6.9 3044	42 30.2 3525	39 9.9 2973	46 28.5 3349
18	84 57.4 3021	54 36.2 3032	43 50.1 3486	40 40.7 2964	45 5.2 3340
21	86 27.1 3012	56 5.7 3021	45 10.8 3450	42 11.7 2955	43 41.8 3331

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11 UT	+Aldebaran	+Elnath	+Pollux	+Saturn	–Sun
0	57 35.5 3010	43 42.8 2946	13 17.4 2973	13 14.1 3317	42 18.2 3322
3	59 5.5 2998	45 14.1 2936	14 48.2 2958	14 37.9 3245	40 54.5 3312
6	60 35.7 2987	46 45.7 2926	16 19.3 2944	16 3.2 3189	39 30.5 3303
9	62 6.2 2975	48 17.4 2916	17 50.6 2931	17 29.6 3142	38 6.4 3293
12	63 36.9 2963	49 49.4 2906	19 22.3 2918	18 56.9 3104	36 42.1 3284
15	65 7.9 2952	51 21.6 2895	20 54.2 2906	20 24.9 3071	35 17.6 3274
18	66 39.1 2939	52 54.0 2885	22 26.4 2894	21 53.7 3042	33 52.9 3264
21	68 10.6 2927	54 26.6 2874	23 58.8 2882	23 23.0 3017	32 28.0 3255
12 UT	+Elnath	+Pollux	+Saturn	+Venus	–Sun
0	55 59.4 2863	25 31.5 2870	24 52.9 2994	14 43.6 3696	31 3.0 3246
3	57 32.5 2852	27 4.4 2858	26 23.2 2973	16 0.5 3616	29 37.7 3237
6	59 5.9 2841	28 37.6 2846	27 54.0 2952	17 18.7 3550	28 12.3 3227
9	60 39.4 2830	30 11.1 2835	29 25.2 2934	18 38.2 3495	26 46.7 3219
12	62 13.2 2819	31 44.8 2823	30 56.8 2917	19 58.7 3449	25 20.9 3212
15	63 47.3 2807	33 18.7 2811	32 28.7 2899	21 20.0 3408	23 55.0 3204
18	65 21.6 2796	34 53.0 2799	34 1.1 2883	22 42.1 3372	22 29.0 3198
21	66 56.1 2785	36 27.4 2788	35 33.7 2867	24 4.9 3341	21 2.8 3194
13 UT	+Elnath	+Pollux	+Saturn	+Venus	–Sun
0	68 30.9 2773	38 2.2 2776	37 6.7 2852	25 28.3 3312	19 36.5 3191
3	70 5.9 2762	39 37.1 2764	38 40.1 2837	26 52.3 3286	18 10.2 3190
6	71 41.2 2750	41 12.4 2752	40 13.7 2823	28 16.7 3262	16 43.9 3194
9	73 16.8 2738	42 47.9 2740	41 47.7 2808	29 41.7 3238	15 17.6 3202
12	74 52.6 2727	44 23.6 2729	43 22.0 2795	31 7.1 3217	13 51.5 3218
15	76 28.6 2715	45 59.6 2717	44 56.5 2780	32 32.9 3197	12 25.7 3245
18	78 5.0 2704	47 35.9 2706	46 31.4 2768	33 59.1 3178	11 0.4 3291
21	79 41.5 2693	49 12.4 2694	48 6.6 2754	35 25.7 3159	9 36.1 3367
16 UT	+Sun	–Zubenelgen	–Antares	–Shaula	–Kaus Aust.
0	17 14.1 2922	34 34.6 2521	59 32.2 2518	75 0.8 2584	85 1.5 2544
3	18 46.0 2900	32 53.8 2512	57 51.4 2509	73 21.5 2576	83 21.3 2535
6	20 18.3 2882	31 12.9 2504	56 10.4 2500	71 42.0 2568	81 40.9 2527
9	21 51.0 2865	29 31.8 2496	54 29.2 2492	70 2.4 2561	80 0.3 2518
12	23 24.0 2850	27 50.5 2488	52 47.8 2483	68 22.6 2554	78 19.5 2510
15	24 57.4 2837	26 9.0 2481	51 6.2 2476	66 42.7 2549	76 38.6 2503
18	26 31.1 2823	24 27.3 2474	49 24.4 2468	65 2.6 2543	74 57.4 2495
21	28 5.0 2812	22 45.5 2468	47 42.4 2460	63 22.4 2537	73 16.1 2488
17 UT	+Sun	–Antares	–Shaula	–Kaus Aust.	–Nunki
0	29 39.2 2801	46 0.3 2452	61 42.0 2532	71 34.6 2481	78 26.0 2451
3	31 13.6 2791	44 18.0 2446	60 1.6 2528	69 53.0 2475	76 43.7 2445
6	32 48.3 2780	42 35.5 2439	58 21.0 2524	68 11.2 2468	75 1.2 2437
9	34 23.2 2771	40 52.8 2432	56 40.3 2521	66 29.2 2462	73 18.5 2430
12	35 58.3 2762	39 10.0 2426	54 59.6 2518	64 47.1 2456	71 35.6 2424
15	37 33.5 2754	37 27.1 2419	53 18.8 2515	63 4.9 2451	69 52.6 2417
18	39 9.0 2746	35 44.0 2414	51 38.0 2514	61 22.5 2446	68 9.5 2411
21	40 44.7 2738	34 0.7 2408	49 57.1 2513	59 40.0 2441	66 26.2 2404

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18 UT	+Sun	–Antares	–Shaula	–Kaus Aust.	–Nunki
0	42 20.5 2730	32 17.3 2402	48 16.2 2513	57 57.4 2436	64 42.7 2399
3	43 56.5 2723	30 33.8 2397	46 35.3 2514	56 14.7 2432	62 59.1 2393
6	45 32.6 2716	28 50.2 2392	44 54.4 2516	54 31.9 2428	61 15.4 2388
9	47 8.9 2710	27 6.4 2387	43 13.6 2520	52 49.0 2425	59 31.5 2382
12	48 45.3 2703	25 22.6 2383	41 32.8 2524	51 6.1 2422	57 47.5 2377
15	50 21.9 2697	23 38.6 2379	39 52.2 2530	49 23.0 2419	56 3.4 2372
18	51 58.6 2692	21 54.5 2376	38 11.7 2539	47 39.9 2417	54 19.2 2368
21	53 35.4 2686	20 10.4 2373	36 31.4 2548	45 56.7 2415	52 34.8 2363
19 UT	+Sun	+Zubenelgen	–Antares	–Kaus Aust.	–Nunki
0	55 12.4 2681	6 45.2 2439	18 26.1 2370	44 13.5 2414	50 50.4 2358
3	56 49.5 2675	8 27.9 2406	16 41.9 2369	42 30.3 2414	49 5.8 2354
6	58 26.7 2670	10 11.3 2386	14 57.5 2370	40 47.1 2414	47 21.1 2350
9	60 4.0 2666	11 55.2 2372	13 13.2 2372	39 3.9 2415	45 36.3 2346
12	61 41.4 2661	13 39.4 2361	11 29.0 2378	37 20.7 2417	43 51.5 2342
15	63 19.0 2657	15 23.9 2353	9 44.9 2392	35 37.5 2421	42 6.5 2338
18	64 56.6 2652	17 8.6 2346	8 1.2 2419	33 54.4 2425	40 21.4 2335
21	66 34.3 2648	18 53.5 2340	6 18.1 2483	32 11.4 2431	38 36.3 2332
20 UT	+Sun	–Kaus Aust.	–Nunki	–Al na'ir	–Fomalhaut
0	68 12.1 2644	30 28.6 2439	36 51.1 2328	72 4.6 2929	87 28.3 2511
3	69 50.0 2641	28 46.0 2449	35 5.8 2325	70 33.0 2939	85 47.3 2509
6	71 28.0 2637	27 3.6 2462	33 20.4 2323	69 1.5 2951	84 6.3 2507
9	73 6.1 2633	25 21.5 2479	31 35.0 2320	67 30.3 2964	82 25.3 2505
12	74 44.3 2630	23 39.8 2501	29 49.5 2318	65 59.3 2979	80 44.2 2505
15	76 22.5 2627	21 58.6 2529	28 4.0 2315	64 28.7 2996	79 3.1 2504
18	78 0.8 2624	20 18.0 2567	26 18.3 2313	62 58.4 3016	77 22.0 2504
21	79 39.1 2621	18 38.4 2616	24 32.7 2312	61 28.5 3037	75 40.9 2505
21 UT	+Sun	+Antares	–Nunki	–Fomalhaut	–Diphda
0	81 17.6 2618	9 48.1 2340	22 47.0 2311	73 59.8 2506	100 45.8 2529
3	82 56.1 2615	11 33.1 2327	21 1.3 2310	72 18.7 2507	99 5.2 2524
6	84 34.6 2613	13 18.5 2319	19 15.6 2310	70 37.6 2509	97 24.6 2520
9	86 13.2 2610	15 4.0 2312	17 29.8 2311	68 56.6 2512	95 43.9 2517
12	87 51.9 2609	16 49.7 2307	15 44.1 2313	67 15.7 2516	94 3.0 2514
15	89 30.6 2606	18 35.5 2302	13 58.5 2317	65 34.9 2521	92 22.2 2511
18	91 9.4 2604	20 21.4 2299	12 12.9 2324	63 54.2 2526	90 41.2 2510
21	92 48.2 2602	22 7.4 2296	10 27.5 2337	62 13.6 2532	89 0.2 2508
22 UT	+Sun	+Antares	–Fomalhaut	–Markab	–Diphda
0	94 27.1 2601	23 53.5 2293	60 33.1 2540	81 54.8 2643	87 19.2 2507
3	96 5.9 2599	25 39.7 2291	58 52.8 2547	80 16.9 2645	85 38.2 2507
6	97 44.9 2598	27 25.9 2289	57 12.7 2557	78 39.0 2648	83 57.1 2507
9	99 23.8 2597	29 12.1 2287	55 32.8 2568	77 1.2 2653	82 16.1 2508
12	101 2.8 2595	30 58.4 2285	53 53.2 2580	75 23.4 2657	80 35.1 2509
15	102 41.8 2595	32 44.8 2284	52 13.8 2594	73 45.8 2664	78 54.1 2512
18	104 20.8 2594	34 31.1 2283	50 34.8 2610	72 8.4 2671	77 13.1 2514
21	105 59.9 2594	36 17.5 2283	48 56.1 2628	70 31.1 2679	75 32.2 2517

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23 UT	+Sun	+Antares	+Shaula	+Nunki	–Diphda
0	107 38.9 2593	38 3.9 2282	24 38.4 2638	5 46.9 2384	73 51.4 2521
3	109 18.0 2593	39 50.3 2281	26 16.5 2596	7 30.9 2344	72 10.7 2526
6	110 57.1 2594	41 36.8 2281	27 55.5 2561	9 15.8 2323	70 30.1 2532
9	112 36.1 2593	43 23.2 2281	29 35.3 2531	11 1.2 2311	68 49.6 2538
12	114 15.2 2594	45 9.7 2281	31 15.8 2507	12 46.9 2303	67 9.3 2545
15	115 54.2 2594	46 56.1 2282	32 56.8 2487	14 32.8 2299	65 29.1 2553
18	117 33.3 2596	48 42.5 2282	34 38.3 2470	16 18.8 2296	63 49.2 2563
21	119 12.3 2597	50 28.9 2283	36 20.2 2455	18 4.9 2294	62 9.4 2573
24 UT	+Antares	+Shaula	+Kaus Aust.	+Nunki	–Diphda
0	52 15.3 2284	38 2.5 2443	27 28.7 2407	19 51.0 2293	60 29.9 2584
3	54 1.7 2286	39 45.0 2433	29 12.1 2395	21 37.2 2293	58 50.6 2598
6	55 48.0 2287	41 27.8 2425	30 55.8 2385	23 23.3 2293	57 11.7 2612
9	57 34.3 2289	43 10.8 2418	32 39.7 2378	25 9.5 2294	55 33.0 2628
12	59 20.6 2291	44 53.9 2412	34 23.8 2372	26 55.6 2296	53 54.8 2646
15	61 6.8 2293	46 37.2 2407	36 8.0 2368	28 41.7 2297	52 16.9 2666
18	62 52.9 2296	48 20.6 2404	37 52.4 2365	30 27.7 2299	50 39.5 2688
21	64 39.0 2299	50 4.1 2401	39 36.8 2362	32 13.7 2302	49 2.5 2713
25 UT	+Antares	+Shaula	+Kaus Aust.	+Nunki	–Hamal
0	66 25.0 2302	51 47.6 2399	41 21.2 2361	33 59.7 2304	82 16.5 2361
3	68 11.0 2305	53 31.2 2398	43 5.7 2361	35 45.5 2308	80 32.0 2365
6	69 56.8 2308	55 14.8 2398	44 50.2 2361	37 31.3 2311	78 47.6 2369
9	71 42.6 2313	56 58.5 2398	46 34.7 2362	39 17.1 2315	77 3.3 2374
12	73 28.2 2317	58 42.1 2399	48 19.2 2364	41 2.7 2319	75 19.1 2380
15	75 13.8 2321	60 25.7 2401	50 3.7 2365	42 48.2 2323	73 35.1 2385
18	76 59.3 2326	62 9.2 2403	51 48.1 2368	44 33.6 2328	71 51.1 2391
21	78 44.6 2331	63 52.7 2406	53 32.4 2371	46 18.9 2332	70 7.4 2398
26 UT	+Antares	+Shaula	+Kaus Aust.	+Nunki	–Hamal
0	80 29.8 2337	65 36.1 2410	55 16.7 2375	48 4.1 2338	68 23.7 2405
3	82 14.9 2342	67 19.5 2413	57 0.8 2379	49 49.2 2343	66 40.3 2412
6	83 59.9 2349	69 2.7 2418	58 44.9 2384	51 34.1 2349	64 57.0 2421
9	85 44.7 2355	70 45.9 2422	60 28.8 2389	53 18.9 2356	63 14.0 2429
12	87 29.3 2361	72 28.9 2428	62 12.6 2394	55 3.5 2362	61 31.1 2438
15	89 13.8 2369	74 11.8 2434	63 56.3 2401	56 48.0 2369	59 48.4 2448
18	90 58.1 2376	75 54.6 2440	65 39.9 2407	58 32.3 2376	58 6.0 2459
21	92 42.3 2383	77 37.2 2447	67 23.3 2413	60 16.4 2384	56 23.8 2470
27 UT	+Shaula	+Kaus Aust.	+Nunki	–Hamal	–Aldebaran
0	79 19.7 2453	69 6.5 2420	62 0.4 2391	54 41.9 2481	84 55.4 2440
3	81 2.0 2461	70 49.6 2429	63 44.2 2400	53 0.3 2494	83 12.8 2449
6	82 44.1 2469	72 32.5 2436	65 27.7 2408	51 18.9 2507	81 30.4 2457
9	84 26.0 2478	74 15.2 2445	67 11.1 2417	49 37.9 2521	79 48.2 2467
12	86 7.7 2486	75 57.7 2453	68 54.3 2426	47 57.1 2536	78 6.2 2476
15	87 49.3 2496	77 40.0 2462	70 37.2 2435	46 16.7 2552	76 24.4 2487
18	89 30.6 2505	79 22.1 2471	72 19.9 2445	44 36.7 2568	74 42.9 2497
21	91 11.7 2515	81 4.0 2481	74 2.4 2455	42 57.1 2587	73 1.6 2508

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28 UT	+Nunki	–Hamal	–Aldebaran	–Elnath	–Capella
0	75 44.7 2464	41 17.9 2606	71 20.6 2519	84 37.0 2464	85 14.6 2705
3	77 26.7 2475	39 39.1 2628	69 39.8 2531	82 54.9 2475	83 38.0 2717
6	79 8.5 2486	38 0.9 2650	67 59.3 2543	81 13.2 2486	82 1.8 2730
9	80 50.1 2497	36 23.1 2675	66 19.1 2555	79 31.6 2497	80 25.8 2743
12	82 31.3 2508	34 45.9 2702	64 39.2 2568	77 50.3 2508	78 50.1 2757
15	84 12.4 2519	33 9.3 2731	62 59.6 2581	76 9.3 2519	77 14.7 2772
18	85 53.1 2531	31 33.3 2765	61 20.2 2595	74 28.5 2531	75 39.6 2787
21	87 33.6 2542	29 58.1 2801	59 41.2 2609	72 48.0 2543	74 4.9 2803
29 UT	+Fomalhaut	–Aldebaran	–Elnath	–Capella	–Pollux
0	41 37.4 2987	58 2.5 2624	71 7.8 2555	72 30.5 2820	101 37.2 2555
3	43 7.9 2973	56 24.2 2639	69 27.9 2567	70 56.5 2838	99 57.3 2567
6	44 38.6 2962	54 46.1 2654	67 48.2 2579	69 22.9 2856	98 17.6 2579
9	46 9.6 2954	53 8.4 2670	66 8.8 2591	67 49.6 2875	96 38.2 2592
12	47 40.8 2948	51 31.1 2686	64 29.7 2604	66 16.8 2895	94 59.1 2604
15	49 12.1 2944	49 54.1 2703	62 50.9 2617	64 44.3 2916	93 20.3 2617
18	50 43.5 2942	48 17.6 2721	61 12.4 2630	63 12.4 2937	91 41.8 2630
21	52 14.9 2941	46 41.4 2738	59 34.2 2643	61 40.9 2960	90 3.6 2643
30 UT	+Fomalhaut	–Aldebaran	–Elnath	–Pollux	–Venus
0	53 46.3 2941	45 5.6 2757	57 56.2 2656	88 25.6 2656	120 45.8 3077
3	55 17.7 2943	43 30.2 2777	56 18.6 2669	86 48.0 2669	119 17.2 3091
6	56 49.1 2947	41 55.2 2797	54 41.2 2683	85 10.6 2682	117 48.9 3105
9	58 20.4 2950	40 20.7 2818	53 4.2 2695	83 33.6 2695	116 20.8 3118
12	59 51.7 2956	38 46.6 2841	51 27.4 2709	81 56.8 2709	114 53.0 3133
15	61 22.8 2961	37 13.0 2864	49 51.0 2722	80 20.3 2721	113 25.5 3146
18	62 53.8 2967	35 40.0 2888	48 14.8 2735	78 44.2 2734	111 58.3 3160
21	64 24.7 2974	34 7.4 2915	46 38.9 2748	77 8.3 2748	110 31.4 3174