

Mon May 1, 2017 UTC

UTC	+Sun		+Aldebaran		-Regulus		+Mars		-Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	62°40.5'	2564	33°20.4'	2240	46°47.8'	2240	37°04.5'	2513	92°07.6'	2211
1	63°13.7'	2569	33°56.2'	2245	46°12.0'	2245	37°38.1'	2516	91°31.5'	2215
2	63°46.9'	2574	34°32.0'	2250	45°36.2'	2250	38°11.8'	2520	90°55.5'	2220
3	64°20.1'	2579	35°07.8'	2254	45°00.5'	2254	38°45.3'	2523	90°19.5'	2225
4	64°53.2'	2584	35°43.5'	2259	44°24.8'	2259	39°18.9'	2527	89°43.5'	2229
5	65°26.3'	2589	36°19.1'	2264	43°49.1'	2264	39°52.4'	2531	89°07.6'	2234
6	65°59.4'	2594	36°54.7'	2269	43°13.5'	2269	40°25.9'	2534	88°31.7'	2239
7	66°32.4'	2599	37°30.3'	2273	42°37.9'	2273	40°59.4'	2538	87°55.9'	2244
8	67°05.4'	2604	38°05.9'	2278	42°02.4'	2278	41°32.9'	2542	87°20.1'	2248
9	67°38.3'	2609	38°41.4'	2283	41°26.9'	2283	42°06.3'	2546	86°44.4'	2253
10	68°11.2'	2614	39°16.9'	2288	40°51.4'	2288	42°39.7'	2550	86°08.7'	2258
11	68°44.1'	2619	39°52.3'	2293	40°16.0'	2293	43°13.0'	2554	85°33.0'	2263
12	69°16.9'	2624	40°27.7'	2298	39°40.6'	2298	43°46.3'	2559	84°57.4'	2268
13	69°49.7'	2629	41°03.0'	2302	39°05.2'	2302	44°19.6'	2563	84°21.8'	2273
14	70°22.5'	2634	41°38.3'	2307	38°29.9'	2307	44°52.9'	2567	83°46.2'	2277
15	70°55.2'	2639	42°13.6'	2312	37°54.6'	2312	45°26.1'	2571	83°10.7'	2282
16	71°27.9'	2645	42°48.8'	2317	37°19.4'	2317	45°59.3'	2576	82°35.2'	2287
17	72°00.5'	2650	43°24.0'	2322	36°44.2'	2322	46°32.4'	2580	81°59.8'	2292
18	72°33.1'	2655	43°59.2'	2327	36°09.1'	2327	47°05.6'	2585	81°24.4'	2297
19	73°05.7'	2660	44°34.3'	2332	35°33.9'	2332	47°38.7'	2589	80°49.0'	2302
20	73°38.2'	2665	45°09.4'	2337	34°58.9'	2337	48°11.7'	2594	80°13.7'	2307
21	74°10.7'	2671	45°44.4'	2342	34°23.8'	2342	48°44.7'	2598	79°38.4'	2312
22	74°43.1'	2676	46°19.4'	2347	33°48.9'	2347	49°17.7'	2603	79°03.2'	2317
23	75°15.5'	2681	46°54.4'	2352	33°13.9'	2352	49°50.7'	2607	78°28.0'	2322

Tue May 2, 2017 UTC

UTC	+Sun		-Regulus		+Aldebaran		+Betelgeuse		+Mars	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	75°47.9'	2686	32°39.0'	2357	47°29.3'	2357	31°05.6'	2705	50°23.6'	2612
1	76°20.2'	2692	32°04.1'	2362	48°04.1'	2362	31°37.7'	2699	50°56.5'	2617
2	76°52.5'	2697	31°29.3'	2367	48°39.0'	2367	32°10.0'	2693	51°29.3'	2622
3	77°24.7'	2702	30°54.5'	2372	49°13.8'	2372	32°42.2'	2688	52°02.1'	2626
4	77°56.9'	2708	30°19.7'	2377	49°48.5'	2376	33°14.6'	2683	52°34.9'	2631
5	78°29.1'	2713	29°45.0'	2382	50°23.2'	2381	33°46.9'	2679	53°07.6'	2636
6	79°01.2'	2718	29°10.4'	2387	50°57.9'	2386	34°19.3'	2675	53°40.3'	2640
7	79°33.3'	2724	28°35.7'	2392	51°32.5'	2391	34°51.7'	2672	54°13.0'	2645
8	80°05.3'	2729	28°01.1'	2397	52°07.1'	2396	35°24.1'	2669	54°45.6'	2650
9	80°37.4'	2734	27°26.6'	2402	52°41.7'	2401	35°56.6'	2667	55°18.2'	2655
10	81°09.3'	2740	26°52.1'	2407	53°16.2'	2406	36°29.0'	2665	55°50.8'	2660
11	81°41.3'	2745	26°17.6'	2412	53°50.7'	2411	37°01.5'	2663	56°23.3'	2665
12	82°13.1'	2750	25°43.2'	2417	54°25.1'	2416	37°34.0'	2661	56°55.8'	2669
13	82°45.0'	2755	25°08.8'	2422	54°59.5'	2421	38°06.5'	2660	57°28.2'	2674
14	83°16.8'	2761	24°34.4'	2427	55°33.9'	2426	38°39.0'	2659	58°00.7'	2679
15	83°48.6'	2766	24°00.1'	2432	56°08.2'	2431	39°11.6'	2659	58°33.0'	2684
16	84°20.3'	2771	23°25.9'	2437	56°42.5'	2436	39°44.1'	2658	59°05.4'	2689
17	84°52.0'	2777	22°51.6'	2442	57°16.7'	2441	40°16.6'	2658	59°37.7'	2694
18	85°23.7'	2782	22°17.4'	2447	57°50.9'	2446	40°49.2'	2658	60°09.9'	2699
19	85°55.3'	2787	21°43.3'	2452	58°25.1'	2451	41°21.7'	2658	60°42.2'	2704
20	86°26.9'	2793	21°09.2'	2457	58°59.2'	2456	41°54.2'	2659	61°14.4'	2708
21	86°58.4'	2798	20°35.1'	2462	59°33.3'	2461	42°26.8'	2659	61°46.5'	2713
22	87°29.9'	2803	20°01.0'	2467	60°07.3'	2466	42°59.3'	2660	62°18.7'	2718
23	88°01.4'	2809	19°27.0'	2472	60°41.3'	2471	43°31.8'	2661	62°50.7'	2723

Wed May 3, 2017 UTC

UTC	+Sun		-Regulus		+Betelgeuse		+Aldebaran		-Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	88°32.8'	2814	18°53.1'	2477	44°04.3'	2662	61°15.3'	2476	64°01.2'	2446
1	89°04.2'	2819	18°19.2'	2482	44°36.8'	2663	61°49.2'	2480	63°27.0'	2451
2	89°35.5'	2824	17°45.3'	2487	45°09.3'	2664	62°23.1'	2485	62°52.9'	2456
3	90°06.9'	2830	17°11.4'	2492	45°41.8'	2666	62°57.0'	2490	62°18.8'	2461
4	90°38.1'	2835	16°37.6'	2497	46°14.3'	2667	63°30.8'	2495	61°44.8'	2466
5	91°09.4'	2840	16°03.9'	2502	46°46.8'	2669	64°04.6'	2500	61°10.8'	2471
6	91°40.6'	2845	15°30.2'	2507	47°19.2'	2671	64°38.3'	2505	60°36.8'	2476
7	92°11.7'	2850	14°56.5'	2512	47°51.7'	2673	65°12.0'	2510	60°02.9'	2480
8	92°42.9'	2856	14°22.8'	2517	48°24.1'	2675	65°45.7'	2514	59°29.0'	2485
9	93°13.9'	2861	13°49.2'	2522	48°56.5'	2677	66°19.3'	2519	58°55.1'	2490
10	93°45.0'	2866	13°15.6'	2527	49°28.9'	2679	66°52.9'	2524	58°21.3'	2495
11	94°16.0'	2871	12°42.1'	2532	50°01.3'	2681	67°26.5'	2529	57°47.5'	2500
12	94°47.0'	2876	12°08.6'	2537	50°33.6'	2684	67°60.0'	2533	57°13.8'	2504
13	95°17.9'	2881	11°35.2'	2542	51°06.0'	2686	68°33.5'	2538	56°40.1'	2509
14	95°48.8'	2887	11°01.7'	2547	51°38.3'	2688	69°06.9'	2543	56°06.4'	2514
15	96°19.7'	2892	10°28.4'	2553	52°10.6'	2691	69°40.3'	2548	55°32.8'	2519
16	96°50.5'	2897	9°55.0'	2558	52°42.9'	2693	70°13.7'	2552	54°59.2'	2523
17	97°21.3'	2902	9°21.7'	2563	53°15.2'	2696	70°47.0'	2557	54°25.6'	2528
18	97°52.1'	2907	8°48.5'	2569	53°47.4'	2699	71°20.3'	2562	53°52.1'	2533
19	98°22.8'	2912	8°15.3'	2575	54°19.6'	2701	71°53.6'	2566	53°18.6'	2537
20	98°53.5'	2917	7°42.1'	2581	54°51.9'	2704	72°26.8'	2571	52°45.1'	2542
21	99°24.1'	2922	7°09.0'	2587	55°24.0'	2707	73°00.0'	2575	52°11.7'	2547
22	99°54.8'	2927	6°35.9'	2594	55°56.2'	2710	73°33.2'	2580	51°38.4'	2551
23	100°25.3'	2932	6°02.9'	2601	56°28.4'	2713	74°06.3'	2584	51°05.0'	2556

Thu May 4, 2017 UTC

UTC	+Sun		-Regulus		-Jupiter		+Pollux		-Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	100°55.9'	2937	5°29.9'	2609	50°31.7'	2561	31°57.7'	2818	59°25.7'	2623
1	101°26.4'	2942	4°57.0'	2619	49°58.4'	2565	32°29.1'	2816	58°52.9'	2628
2	101°56.9'	2947	4°24.2'	2630	49°25.2'	2570	33°00.5'	2814	58°20.1'	2632
3	102°27.3'	2952	3°51.5'	2646	48°52.0'	2574	33°31.9'	2812	57°47.4'	2637
4	102°57.7'	2957	3°18.8'	2667	48°18.8'	2579	34°03.3'	2811	57°14.7'	2642
5	103°28.1'	2961	2°46.4'	2702	47°45.7'	2583	34°34.7'	2809	56°42.1'	2647
6	103°58.4'	2966	2°14.2'	2764	47°12.6'	2588	35°06.1'	2809	56°09.4'	2652
7	104°28.7'	2971	–	–	46°39.5'	2592	35°37.5'	2808	55°36.9'	2657
8	104°59.0'	2976	–	–	46°06.5'	2597	36°09.0'	2807	55°04.3'	2662
9	105°29.3'	2981	–	–	45°33.5'	2601	36°40.4'	2807	54°31.8'	2667
10	105°59.5'	2985	–	–	45°00.5'	2606	37°11.8'	2807	53°59.3'	2671
11	106°29.6'	2990	–	–	44°27.6'	2610	37°43.3'	2807	53°26.9'	2676
12	106°59.8'	2995	–	–	43°54.7'	2614	38°14.7'	2807	52°54.5'	2681
13	107°29.9'	3000	–	–	43°21.8'	2619	38°46.1'	2808	52°22.2'	2686
14	107°59.9'	3004	2°14.6'	2740	42°49.0'	2623	39°17.6'	2808	51°49.8'	2691
15	108°30.0'	3009	2°46.5'	2715	42°16.2'	2628	39°49.0'	2809	51°17.5'	2696
16	108°60.0'	3014	3°18.6'	2702	41°43.5'	2632	40°20.4'	2810	50°45.3'	2700
17	109°30.0'	3018	3°50.8'	2696	41°10.7'	2636	40°51.8'	2811	50°13.1'	2705
18	109°59.9'	3023	4°23.1'	2693	40°38.0'	2640	41°23.2'	2812	49°40.9'	2710
19	110°29.8'	3027	4°55.4'	2692	40°05.4'	2645	41°54.7'	2813	49°08.7'	2715
20	110°59.7'	3032	5°27.7'	2692	39°32.7'	2649	42°26.0'	2814	48°36.6'	2720
21	111°29.6'	3037	5°59.9'	2693	39°00.1'	2653	42°57.4'	2815	48°04.5'	2725
22	111°59.4'	3041	6°32.2'	2695	38°27.6'	2657	43°28.8'	2817	47°32.5'	2730
23	112°29.2'	3046	7°04.5'	2698	37°55.0'	2662	44°00.2'	2818	47°00.5'	2734

Fri May 5, 2017 UTC

UTC	+Sun		+Regulus		-Jupiter		-Spica		+Pollux	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	112°58.9'	3050	7°36.7'	2700	37°22.5'	2666	46°28.5'	2739	44°31.5'	2820
1	113°28.7'	3055	8°08.9'	2703	36°50.0'	2670	45°56.6'	2744	45°02.9'	2821
2	113°58.4'	3059	8°41.1'	2706	36°17.6'	2674	45°24.7'	2749	45°34.2'	2823
3	114°28.0'	3063	9°13.3'	2709	35°45.2'	2678	44°52.8'	2754	46°05.5'	2825
4	114°57.7'	3068	9°45.5'	2713	35°12.8'	2682	44°21.0'	2759	46°36.9'	2826
5	115°27.3'	3072	10°17.6'	2716	34°40.4'	2687	43°49.2'	2764	47°08.2'	2828
6	115°56.8'	3076	10°49.7'	2719	34°08.1'	2691	43°17.5'	2769	47°39.4'	2830
7	116°26.4'	3081	11°21.8'	2723	33°35.8'	2695	42°45.8'	2773	48°10.7'	2832
8	116°55.9'	3085	11°53.8'	2726	33°03.6'	2699	42°14.1'	2778	48°42.0'	2834
9	117°25.4'	3089	12°25.8'	2730	32°31.3'	2703	41°42.4'	2783	49°13.2'	2836
10	117°54.8'	3094	12°57.8'	2733	31°59.1'	2707	41°10.8'	2788	49°44.4'	2838
11	118°24.3'	3098	13°29.8'	2737	31°27.0'	2711	40°39.3'	2793	50°15.7'	2840
12	118°53.7'	3102	14°01.8'	2740	30°54.8'	2715	40°07.7'	2798	50°46.9'	2842
13	119°23.0'	3106	14°33.7'	2744	30°22.7'	2719	39°36.2'	2804	51°18.0'	2844
14	119°52.4'	3111	15°05.6'	2747	29°50.6'	2723	39°04.8'	2809	51°49.2'	2847
15	120°21.7'	3115	15°37.5'	2751	29°18.6'	2727	38°33.3'	2814	52°20.4'	2849
16	120°51.0'	3119	16°09.3'	2754	28°46.6'	2731	38°01.9'	2819	52°51.5'	2851
17	121°20.3'	3123	16°41.1'	2758	28°14.6'	2735	37°30.6'	2824	53°22.6'	2853
18	121°49.5'	3127	17°12.9'	2761	27°42.6'	2739	36°59.3'	2829	53°53.7'	2856
19	122°18.7'	3131	17°44.7'	2765	27°10.7'	2743	36°28.0'	2835	54°24.8'	2858
20	122°47.9'	3135	18°16.4'	2768	26°38.8'	2747	35°56.8'	2840	54°55.9'	2860
21	123°17.0'	3139	18°48.2'	2772	26°06.9'	2751	35°25.6'	2846	55°26.9'	2862
22	123°46.1'	3143	19°19.9'	2775	25°35.0'	2755	34°54.4'	2851	55°58.0'	2865
23	124°15.2'	3147	19°51.5'	2778	25°03.2'	2759	34°23.3'	2857	56°29.0'	2867

Sat May 6, 2017 UTC

UTC	+Regulus		-Jupiter		-Spica		+Pollux		+Procyon	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	20°23.2'	2782	24°31.4'	2763	33°52.2'	2862	57°00.0'	2869	56°34.1'	2946
1	20°54.8'	2785	23°59.7'	2767	33°21.2'	2868	57°31.0'	2872	57°04.5'	2948
2	21°26.4'	2788	23°28.0'	2771	32°50.2'	2874	58°02.0'	2874	57°34.9'	2949
3	21°58.0'	2792	22°56.3'	2776	32°19.2'	2880	58°32.9'	2877	58°05.4'	2951
4	22°29.5'	2795	22°24.6'	2780	31°48.3'	2886	59°03.9'	2879	58°35.8'	2953
5	23°01.0'	2798	21°53.0'	2784	31°17.4'	2892	59°34.8'	2881	59°06.2'	2954
6	23°32.5'	2801	21°21.4'	2788	30°46.6'	2898	60°05.7'	2884	59°36.6'	2956
7	24°04.0'	2805	20°49.8'	2792	30°15.8'	2904	60°36.6'	2886	60°06.9'	2957
8	24°35.5'	2808	20°18.2'	2797	29°45.1'	2911	61°07.4'	2889	60°37.3'	2959
9	25°06.9'	2811	19°46.7'	2801	29°14.4'	2918	61°38.3'	2891	61°07.7'	2961
10	25°38.3'	2814	19°15.3'	2806	28°43.7'	2924	62°09.1'	2893	61°38.0'	2962
11	26°09.7'	2817	18°43.8'	2810	28°13.1'	2931	62°39.9'	2896	62°08.3'	2964
12	26°41.1'	2821	18°12.4'	2815	27°42.6'	2939	63°10.7'	2898	62°38.7'	2966
13	27°12.4'	2824	17°41.0'	2820	27°12.1'	2946	63°41.5'	2901	63°09.0'	2968
14	27°43.7'	2827	17°09.7'	2825	26°41.6'	2954	64°12.3'	2903	63°39.3'	2970
15	28°15.0'	2830	16°38.4'	2830	26°11.2'	2962	64°43.1'	2905	64°09.6'	2971
16	28°46.3'	2833	16°07.1'	2835	25°40.9'	2970	65°13.8'	2908	64°39.8'	2973
17	29°17.5'	2836	15°35.8'	2840	25°10.6'	2978	65°44.5'	2910	65°10.1'	2975
18	29°48.8'	2839	15°04.6'	2846	24°40.4'	2987	66°15.2'	2913	65°40.3'	2977
19	30°20.0'	2842	14°33.5'	2852	24°10.2'	2996	66°45.9'	2915	66°10.6'	2979
20	30°51.2'	2845	14°02.4'	2858	23°40.1'	3006	67°16.5'	2917	66°40.8'	2981
21	31°22.3'	2848	13°31.3'	2865	23°10.1'	3015	67°47.2'	2920	67°11.0'	2983
22	31°53.5'	2850	13°00.3'	2872	22°40.1'	3026	68°17.8'	2922	67°41.2'	2985
23	32°24.6'	2853	12°29.3'	2879	22°10.2'	3037	68°48.4'	2925	68°11.3'	2987

Sun May 7, 2017 UTC

UTC	−Jupiter		+Regulus		−Spica		−Antares		+Pollux	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	11°58.4′	2888	32°55.7′	2856	21°40.4′	3048	67°24.5′	2927	69°19.0′	2927
1	11°27.5′	2897	33°26.8′	2859	21°10.7′	3060	66°53.9′	2930	69°49.6′	2929
2	10°56.7′	2906	33°57.9′	2862	20°41.0′	3073	66°23.4′	2934	70°20.2′	2932
3	10°26.0′	2917	34°28.9′	2865	20°11.5′	3086	65°52.9′	2937	70°50.7′	2934
4	9°55.4′	2929	34°59.9′	2867	19°42.0′	3101	65°22.3′	2941	71°21.3′	2936
5	9°24.8′	2943	35°30.9′	2870	19°12.6′	3116	64°51.9′	2944	71°51.8′	2939
6	8°54.3′	2959	36°01.9′	2873	18°43.3′	3132	64°21.4′	2947	72°22.3′	2941
7	8°24.0′	2977	36°32.9′	2876	18°14.1′	3149	63°51.0′	2951	72°52.8′	2943
8	7°53.7′	2999	37°03.8′	2878	17°45.1′	3168	63°20.5′	2954	73°23.2′	2946
9	7°23.7′	3024	37°34.7′	2881	17°16.1′	3188	62°50.2′	2957	73°53.7′	2948
10	6°53.8′	3056	38°05.7′	2884	16°47.3′	3209	62°19.8′	2961	74°24.1′	2950
11	6°24.1′	3094	38°36.5′	2886	16°18.7′	3232	61°49.4′	2964	74°54.5′	2953
12	5°54.6′	3143	39°07.4′	2889	15°50.2′	3258	61°19.1′	2968	75°24.9′	2955
13	5°25.6′	3206	39°38.3′	2891	15°21.8′	3285	60°48.8′	2971	75°55.3′	2957
14	4°56.9′	3290	40°09.1′	2894	14°53.7′	3315	60°18.6′	2974	76°25.7′	2959
15	4°28.7′	3404	40°39.9′	2896	14°25.7′	3348	59°48.3′	2978	76°56.0′	2962
16	–	–	41°10.7′	2899	13°58.0′	3385	59°18.1′	2981	77°26.4′	2964
17	–	–	41°41.5′	2901	13°30.4′	3425	58°47.9′	2984	77°56.7′	2966
18	–	–	42°12.2′	2904	13°03.2′	3470	58°17.7′	2988	78°27.0′	2968
19	–	–	42°43.0′	2906	12°36.2′	3519	57°47.5′	2991	78°57.3′	2971
20	–	–	43°13.7′	2909	12°09.5′	3575	57°17.4′	2995	79°27.6′	2973
21	–	–	43°44.4′	2911	11°43.2′	3638	56°47.3′	2998	79°57.8′	2975
22	–	–	44°15.1′	2914	11°17.2′	3708	56°17.2′	3002	80°28.1′	2977
23	–	–	44°45.8′	2916	10°51.7′	3789	55°47.2′	3005	80°58.3′	2979

Mon May 8, 2017 UTC

UTC	+Regulus		−Antares		−Saturn		−Spica		+Pollux	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	45°16.5′	2918	55°17.1′	3008	71°40.8′	2908	10°26.6′	3880	81°28.5′	2982
1	45°47.1′	2921	54°47.1′	3012	71°10.0′	2911	10°02.0′	3986	81°58.7′	2984
2	46°17.7′	2923	54°17.1′	3015	70°39.3′	2913	9°38.1′	4107	82°28.9′	2986
3	46°48.3′	2925	53°47.2′	3019	70°08.7′	2915	9°14.8′	4248	82°59.1′	2988
4	47°18.9′	2928	53°17.2′	3022	69°38.0′	2918	–	–	83°29.2′	2990
5	47°49.5′	2930	52°47.3′	3026	69°07.4′	2920	–	–	83°59.4′	2992
6	48°20.1′	2932	52°17.4′	3030	68°36.7′	2922	–	–	84°29.5′	2995
7	48°50.6′	2934	51°47.5′	3033	68°06.1′	2924	–	–	84°59.6′	2997
8	49°21.1′	2937	51°17.7′	3037	67°35.5′	2927	–	–	85°29.7′	2999
9	49°51.6′	2939	50°47.9′	3040	67°04.9′	2929	–	–	85°59.8′	3001
10	50°22.1′	2941	50°18.1′	3044	66°34.4′	2931	–	–	86°29.8′	3003
11	50°52.6′	2943	49°48.3′	3048	66°03.8′	2933	–	–	86°59.9′	3005
12	51°23.1′	2945	49°18.6′	3052	65°33.3′	2935	–	–	87°29.9′	3007
13	51°53.5′	2947	48°48.9′	3055	65°02.7′	2938	–	–	87°59.9′	3009
14	52°24.0′	2949	48°19.2′	3059	64°32.2′	2940	–	–	88°29.9′	3011
15	52°54.4′	2951	47°49.5′	3063	64°01.7′	2942	–	–	88°59.9′	3013
16	53°24.8′	2954	47°19.9′	3067	63°31.3′	2944	–	–	89°29.9′	3015
17	53°55.2′	2956	46°50.3′	3071	63°00.8′	2946	–	–	89°59.9′	3017
18	54°25.6′	2958	46°20.7′	3075	62°30.4′	2948	–	–	90°29.8′	3019
19	54°56.0′	2960	45°51.1′	3079	61°59.9′	2950	–	–	90°59.8′	3022
20	55°26.3′	2962	45°21.6′	3083	61°29.5′	2952	–	–	91°29.7′	3024
21	55°56.6′	2964	44°52.1′	3087	60°59.1′	2954	–	–	91°59.6′	3026
22	56°27.0′	2966	44°22.6′	3091	60°28.7′	2956	–	–	92°29.5′	3028
23	56°57.3′	2967	43°53.2′	3095	59°58.3′	2958	–	–	92°59.4′	3030

Tue May 9, 2017 UTC

UTC	+Jupiter		-Antares		+Regulus		-Saturn		+Pollux	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	13°03.3'	2987	43°23.7'	3100	57°27.6'	2969	59°28.0'	2960	93°29.2'	3031
1	13°33.5'	2986	42°54.3'	3104	57°57.9'	2971	58°57.6'	2962	93°59.1'	3033
2	14°03.7'	2985	42°25.0'	3109	58°28.1'	2973	58°27.3'	2964	94°28.9'	3035
3	14°33.9'	2984	41°55.7'	3113	58°58.4'	2975	57°57.0'	2966	94°58.8'	3037
4	15°04.0'	2983	41°26.4'	3118	59°28.6'	2977	57°26.7'	2968	95°28.6'	3039
5	15°34.2'	2982	40°57.1'	3122	59°58.9'	2979	56°56.4'	2970	95°58.4'	3041
6	16°04.4'	2982	40°27.9'	3127	60°29.1'	2981	56°26.1'	2972	96°28.2'	3043
7	16°34.6'	2982	39°58.7'	3132	60°59.3'	2982	55°55.8'	2974	96°57.9'	3045
8	17°04.8'	2982	39°29.5'	3137	61°29.5'	2984	55°25.6'	2976	97°27.7'	3047
9	17°35.0'	2982	39°00.4'	3142	61°59.7'	2986	54°55.3'	2977	97°57.4'	3049
10	18°05.2'	2983	38°31.2'	3148	62°29.8'	2988	54°25.1'	2979	98°27.2'	3051
11	18°35.4'	2983	38°02.2'	3153	62°60.0'	2989	53°54.9'	2981	98°56.9'	3053
12	19°05.6'	2983	37°33.2'	3158	63°30.1'	2991	53°24.7'	2983	99°26.6'	3055
13	19°35.8'	2984	37°04.2'	3164	64°00.3'	2993	52°54.5'	2985	99°56.3'	3057
14	20°05.9'	2985	36°35.2'	3170	64°30.4'	2994	52°24.3'	2987	100°26.0'	3058
15	20°36.1'	2985	36°06.3'	3176	65°00.5'	2996	51°54.2'	2988	100°55.7'	3060
16	21°06.3'	2986	35°37.4'	3182	65°30.6'	2998	51°24.0'	2990	101°25.3'	3062
17	21°36.5'	2987	35°08.6'	3188	66°00.7'	2999	50°53.9'	2992	101°55.0'	3064
18	22°06.6'	2988	34°39.8'	3194	66°30.8'	3001	50°23.7'	2994	102°24.6'	3066
19	22°36.8'	2989	34°11.0'	3201	67°00.8'	3003	49°53.6'	2995	102°54.2'	3068
20	23°06.9'	2990	33°42.3'	3208	67°30.9'	3004	49°23.5'	2997	103°23.8'	3070
21	23°37.1'	2990	33°13.6'	3215	68°00.9'	3006	48°53.4'	2999	103°53.4'	3071
22	24°07.2'	2991	32°45.0'	3222	68°31.0'	3007	48°23.4'	3000	104°23.0'	3073
23	24°37.3'	2992	32°16.4'	3230	69°01.0'	3009	47°53.3'	3002	104°52.6'	3075

Wed May 10, 2017 UTC

UTC	+Jupiter		+Spica		-Saturn		-Antares		+Regulus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	25°07.5'	2993	16°51.8'	3315	47°23.2'	3004	31°47.9'	3238	69°31.0'	3010
1	25°37.6'	2994	17°19.8'	3300	46°53.2'	3006	31°19.4'	3246	70°01.0'	3012
2	26°07.7'	2995	17°47.8'	3286	46°23.2'	3007	30°51.0'	3254	70°31.0'	3013
3	26°37.8'	2997	18°16.0'	3274	45°53.1'	3009	30°22.7'	3263	71°01.0'	3015
4	27°07.9'	2998	18°44.2'	3262	45°23.1'	3010	29°54.4'	3272	71°30.9'	3016
5	27°38.0'	2999	19°12.5'	3252	44°53.1'	3012	29°26.1'	3281	72°00.9'	3018
6	28°08.1'	3000	19°40.9'	3242	44°23.1'	3014	28°57.9'	3291	72°30.8'	3019
7	28°38.1'	3001	20°09.4'	3233	43°53.2'	3015	28°29.8'	3301	73°00.8'	3021
8	29°08.2'	3002	20°37.9'	3225	43°23.2'	3017	28°01.8'	3312	73°30.7'	3022
9	29°38.3'	3003	21°06.4'	3217	42°53.2'	3019	27°33.8'	3323	74°00.6'	3023
10	30°08.3'	3004	21°35.0'	3210	42°23.3'	3020	27°05.9'	3335	74°30.5'	3025
11	30°38.4'	3005	22°03.7'	3204	41°53.4'	3022	26°38.0'	3347	75°00.4'	3026
12	31°08.4'	3006	22°32.4'	3198	41°23.4'	3023	26°10.3'	3360	75°30.3'	3027
13	31°38.4'	3007	23°01.1'	3192	40°53.5'	3025	25°42.6'	3374	76°00.2'	3029
14	32°08.4'	3008	23°29.9'	3187	40°23.6'	3027	25°15.0'	3388	76°30.1'	3030
15	32°38.5'	3009	23°58.7'	3182	39°53.8'	3028	24°47.5'	3403	76°59.9'	3031
16	33°08.5'	3010	24°27.5'	3178	39°23.9'	3030	24°20.1'	3419	77°29.8'	3032
17	33°38.5'	3011	24°56.4'	3174	38°54.0'	3031	23°52.8'	3435	77°59.6'	3034
18	34°08.5'	3012	25°25.2'	3170	38°24.2'	3033	23°25.6'	3453	78°29.5'	3035
19	34°38.4'	3013	25°54.2'	3167	37°54.3'	3034	22°58.5'	3472	78°59.3'	3036
20	35°08.4'	3014	26°23.1'	3163	37°24.5'	3036	22°31.5'	3492	79°29.1'	3037
21	35°38.4'	3015	26°52.1'	3160	36°54.6'	3037	22°04.7'	3513	79°58.9'	3039
22	36°08.4'	3016	27°21.0'	3157	36°24.8'	3039	21°37.9'	3535	80°28.8'	3040
23	36°38.3'	3017	27°50.0'	3155	35°55.0'	3041	21°11.3'	3559	80°58.6'	3041

Thu May 11, 2017 UTC

UTC	−Saturn		+Jupiter		+Spica		−Antares		+Regulus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	35°25.2'	3042	37°08.3'	3018	28°19.1'	3152	20°44.9'	3584	81°28.3'	3042
1	34°55.5'	3044	37°38.2'	3019	28°48.1'	3150	20°18.6'	3611	81°58.1'	3043
2	34°25.7'	3045	38°08.1'	3020	29°17.1'	3148	19°52.5'	3640	82°27.9'	3044
3	33°55.9'	3047	38°38.1'	3021	29°46.2'	3146	19°26.5'	3672	82°57.7'	3045
4	33°26.2'	3048	39°08.0'	3022	30°15.3'	3144	19°00.8'	3705	83°27.4'	3046
5	32°56.4'	3050	39°37.9'	3023	30°44.4'	3142	18°35.2'	3741	83°57.2'	3047
6	32°26.7'	3051	40°07.8'	3024	31°13.5'	3141	18°09.9'	3780	84°26.9'	3048
7	31°57.0'	3053	40°37.7'	3025	31°42.6'	3139	17°44.7'	3821	84°56.7'	3049
8	31°27.3'	3055	41°07.6'	3026	32°11.7'	3138	17°19.8'	3867	85°26.4'	3050
9	30°57.6'	3056	41°37.5'	3027	32°40.9'	3136	16°55.2'	3916	85°56.1'	3051
10	30°27.9'	3058	42°07.4'	3028	33°10.0'	3135	16°30.9'	3969	86°25.8'	3052
11	29°58.2'	3060	42°37.3'	3029	33°39.1'	3134	16°06.8'	4027	86°55.5'	3053
12	29°28.6'	3061	43°07.2'	3029	34°08.3'	3133	15°43.1'	4090	87°25.3'	3054
13	28°58.9'	3063	43°37.0'	3030	34°37.5'	3132	15°19.7'	4159	87°55.0'	3055
14	28°29.3'	3065	44°06.9'	3031	35°06.6'	3131	14°56.6'	4234	88°24.6'	3056
15	27°59.7'	3067	44°36.8'	3032	35°35.8'	3130	14°34.0'	4317	88°54.3'	3057
16	27°30.0'	3068	45°06.6'	3033	36°05.0'	3129	14°11.8'	4408	89°24.0'	3057
17	27°00.4'	3070	45°36.4'	3033	36°34.2'	3128	13°50.0'	4509	89°53.7'	3058
18	26°30.9'	3072	46°06.3'	3034	37°03.4'	3127	13°28.8'	4620	90°23.4'	3059
19	26°01.3'	3074	46°36.1'	3035	37°32.6'	3127	13°08.1'	4744	90°53.0'	3060
20	25°31.7'	3076	47°06.0'	3036	38°01.8'	3126	12°48.0'	4881	91°22.7'	3061
21	25°02.2'	3078	47°35.8'	3036	38°31.0'	3125	12°28.5'	5034	91°52.3'	3061
22	24°32.6'	3080	48°05.6'	3037	39°00.2'	3125	12°09.6'	5206	92°22.0'	3062
23	24°03.1'	3082	48°35.4'	3038	39°29.5'	3124	11°51.5'	5399	92°51.6'	3063

Fri May 12, 2017 UTC

UTC	−Saturn		+Spica		+Jupiter		+Regulus		−Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	23°33.6'	3084	39°58.7'	3123	49°05.2'	3038	93°21.3'	3063	60°16.2'	3755
1	23°04.1'	3087	40°27.9'	3123	49°35.0'	3039	93°50.9'	3064	59°50.9'	3762
2	22°34.6'	3089	40°57.1'	3122	50°04.8'	3039	94°20.5'	3065	59°25.7'	3770
3	22°05.2'	3092	41°26.4'	3122	50°34.6'	3040	94°50.2'	3065	59°00.5'	3778
4	21°35.7'	3094	41°55.6'	3121	51°04.4'	3041	95°19.8'	3066	58°35.3'	3787
5	21°06.3'	3097	42°24.9'	3121	51°34.2'	3041	95°49.4'	3067	58°10.3'	3795
6	20°36.9'	3100	42°54.1'	3121	52°04.0'	3042	96°19.0'	3067	57°45.2'	3804
7	20°07.5'	3103	43°23.4'	3120	52°33.8'	3042	96°48.6'	3068	57°20.2'	3812
8	19°38.1'	3106	43°52.6'	3120	53°03.6'	3043	97°18.2'	3068	56°55.3'	3821
9	19°08.8'	3109	44°21.9'	3119	53°33.4'	3043	97°47.8'	3069	56°30.4'	3831
10	18°39.5'	3113	44°51.1'	3119	54°03.1'	3044	98°17.4'	3069	56°05.6'	3840
11	18°10.2'	3117	45°20.4'	3119	54°32.9'	3044	98°47.0'	3070	55°40.8'	3850
12	17°40.9'	3121	45°49.6'	3118	55°02.7'	3044	99°16.6'	3070	55°16.0'	3859
13	17°11.6'	3125	46°18.9'	3118	55°32.4'	3045	99°46.2'	3070	54°51.4'	3870
14	16°42.4'	3130	46°48.2'	3117	56°02.2'	3045	100°15.8'	3071	54°26.8'	3880
15	16°13.2'	3135	47°17.4'	3117	56°32.0'	3046	100°45.4'	3071	54°02.2'	3891
16	15°44.1'	3141	47°46.7'	3117	57°01.7'	3046	101°15.0'	3071	53°37.7'	3902
17	15°15.0'	3147	48°16.0'	3116	57°31.5'	3046	101°44.6'	3072	53°13.3'	3913
18	14°45.9'	3154	48°45.3'	3116	58°01.2'	3047	102°14.1'	3072	52°48.9'	3924
19	14°16.9'	3161	49°14.5'	3116	58°31.0'	3047	102°43.7'	3072	52°24.6'	3936
20	13°47.9'	3169	49°43.8'	3115	59°00.7'	3047	103°13.3'	3073	52°00.4'	3948
21	13°19.0'	3178	50°13.1'	3115	59°30.5'	3047	103°42.9'	3073	51°36.2'	3960
22	12°50.1'	3188	50°42.4'	3114	60°00.2'	3047	104°12.4'	3073	51°12.1'	3973
23	12°21.3'	3200	51°11.7'	3114	60°30.0'	3048	104°42.0'	3073	50°48.0'	3986

Sat May 13, 2017 UTC

UTC	−Saturn		+Spica		+Jupiter		−Formalhaut		+Arcturus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	11°52.6′	3212	51°41.0′	3114	60°59.7′	3048	81°18.0′	3369	54°19.2′	3854
1	11°24.0′	3226	52°10.3′	3113	61°29.4′	3048	80°50.4′	3370	54°43.9′	3845
2	10°55.4′	3243	52°39.6′	3113	61°59.2′	3048	80°22.8′	3371	55°08.6′	3835
3	10°27.0′	3261	53°08.9′	3112	62°28.9′	3048	79°55.2′	3372	55°33.4′	3826
4	9°58.7′	3283	53°38.2′	3112	62°58.7′	3048	79°27.6′	3373	55°58.3′	3818
5	9°30.5′	3308	54°07.5′	3112	63°28.4′	3048	78°60.0′	3374	56°23.2′	3809
6	9°02.5′	3337	54°36.8′	3111	63°58.1′	3048	78°32.4′	3375	56°48.2′	3801
7	8°34.7′	3371	55°06.1′	3111	64°27.9′	3048	78°04.8′	3376	57°13.2′	3793
8	8°07.1′	3412	55°35.4′	3110	64°57.6′	3048	77°37.2′	3377	57°38.2′	3785
9	7°39.7′	3461	56°04.7′	3110	65°27.4′	3048	77°09.7′	3378	58°03.3′	3777
10	7°12.7′	3521	56°34.0′	3109	65°57.1′	3048	76°42.1′	3379	58°28.5′	3770
11	6°46.0′	3594	57°03.4′	3109	66°26.8′	3048	76°14.5′	3380	58°53.6′	3762
12	6°19.8′	3686	57°32.7′	3108	66°56.6′	3048	75°47.0′	3381	59°18.9′	3755
13	5°54.1′	3801	58°02.0′	3108	67°26.3′	3048	75°19.4′	3382	59°44.1′	3748
14	–	–	58°31.4′	3107	67°56.1′	3047	74°51.9′	3384	60°09.5′	3741
15	–	–	59°00.7′	3106	68°25.8′	3047	74°24.4′	3385	60°34.8′	3734
16	–	–	59°30.0′	3106	68°55.6′	3047	73°56.9′	3386	61°00.2′	3728
17	–	–	59°59.4′	3105	69°25.3′	3047	73°29.3′	3387	61°25.6′	3721
18	–	–	60°28.7′	3105	69°55.1′	3046	73°01.8′	3389	61°51.1′	3715
19	–	–	60°58.1′	3104	70°24.8′	3046	72°34.3′	3390	62°16.6′	3709
20	–	–	61°27.5′	3103	70°54.6′	3046	72°06.9′	3391	62°42.2′	3703
21	–	–	61°56.8′	3103	71°24.3′	3045	71°39.4′	3393	63°07.7′	3697
22	–	–	62°26.2′	3102	71°54.1′	3045	71°11.9′	3394	63°33.4′	3691
23	–	–	62°55.6′	3101	72°23.8′	3044	70°44.4′	3396	63°59.0′	3685

Sun May 14, 2017 UTC

UTC	+Antares		+Spica		+Jupiter		−Formalhaut		+Arcturus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	19°24.2′	3668	63°24.9′	3100	72°53.6′	3044	70°17.0′	3397	64°24.7′	3680
1	19°50.0′	3640	63°54.3′	3099	73°23.4′	3043	69°49.5′	3399	64°50.4′	3674
2	20°15.9′	3613	64°23.7′	3099	73°53.2′	3043	69°22.1′	3400	65°16.2′	3669
3	20°42.0′	3588	64°53.1′	3098	74°22.9′	3042	68°54.7′	3402	65°41.9′	3663
4	21°08.3′	3565	65°22.5′	3097	74°52.7′	3042	68°27.3′	3404	66°07.7′	3658
5	21°34.7′	3543	65°51.9′	3096	75°22.5′	3041	67°59.9′	3405	66°33.6′	3653
6	22°01.2′	3522	66°21.3′	3095	75°52.3′	3040	67°32.5′	3407	66°59.5′	3648
7	22°27.9′	3503	66°50.8′	3094	76°22.1′	3040	67°05.1′	3409	67°25.4′	3643
8	22°54.7′	3485	67°20.2′	3093	76°51.9′	3039	66°37.7′	3411	67°51.3′	3638
9	23°21.6′	3467	67°49.6′	3092	77°21.7′	3038	66°10.4′	3412	68°17.3′	3634
10	23°48.6′	3451	68°19.0′	3091	77°51.5′	3038	65°43.0′	3414	68°43.2′	3629
11	24°15.7′	3436	68°48.5′	3090	78°21.3′	3037	65°15.7′	3416	69°09.3′	3624
12	24°42.9′	3421	69°17.9′	3089	78°51.1′	3036	64°48.4′	3418	69°35.3′	3620
13	25°10.2′	3407	69°47.4′	3088	79°20.9′	3035	64°21.1′	3420	70°01.4′	3615
14	25°37.6′	3394	70°16.9′	3087	79°50.8′	3034	63°53.8′	3422	70°27.5′	3611
15	26°05.0′	3381	70°46.3′	3086	80°20.6′	3033	63°26.5′	3425	70°53.6′	3607
16	26°32.6′	3369	71°15.8′	3085	80°50.4′	3032	62°59.2′	3427	71°19.8′	3602
17	27°00.2′	3358	71°45.3′	3084	81°20.3′	3031	62°31.9′	3429	71°45.9′	3598
18	27°27.9′	3347	72°14.8′	3082	81°50.1′	3030	62°04.7′	3431	72°12.1′	3594
19	27°55.6′	3336	72°44.3′	3081	82°20.0′	3029	61°37.5′	3434	72°38.4′	3590
20	28°23.5′	3326	73°13.8′	3080	82°49.9′	3028	61°10.3′	3436	73°04.6′	3586
21	28°51.4′	3317	73°43.4′	3078	83°19.8′	3027	60°43.1′	3439	73°30.9′	3582
22	29°19.3′	3307	74°12.9′	3077	83°49.6′	3026	60°15.9′	3441	73°57.2′	3578
23	29°47.3′	3299	74°42.4′	3076	84°19.5′	3024	59°48.7′	3444	74°23.5′	3574

Mon May 15, 2017 UTC

UTC	+Saturn		+Antares		+Spica		+Jupiter		-Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	12°41.5'	3155	30°15.4'	3290	75°12.0'	3074	84°49.4'	3023	59°21.6'	3447
1	13°10.5'	3144	30°43.5'	3282	75°41.6'	3073	85°19.4'	3022	58°54.4'	3450
2	13°39.6'	3135	31°11.7'	3274	76°11.1'	3071	85°49.3'	3021	58°27.3'	3453
3	14°08.8'	3126	31°40.0'	3266	76°40.7'	3070	86°19.2'	3019	58°00.2'	3456
4	14°38.0'	3118	32°08.2'	3258	77°10.3'	3068	86°49.1'	3018	57°33.2'	3459
5	15°07.2'	3111	32°36.6'	3251	77°39.9'	3067	87°19.1'	3016	57°06.1'	3462
6	15°36.5'	3104	33°05.0'	3244	78°09.5'	3065	87°49.0'	3015	56°39.1'	3465
7	16°05.9'	3097	33°33.4'	3237	78°39.1'	3064	88°19.0'	3014	56°12.0'	3469
8	16°35.3'	3091	34°01.9'	3231	79°08.8'	3062	88°49.0'	3012	55°45.1'	3472
9	17°04.8'	3085	34°30.4'	3224	79°38.4'	3060	89°19.0'	3010	55°18.1'	3476
10	17°34.3'	3080	34°58.9'	3218	80°08.1'	3059	89°49.0'	3009	54°51.1'	3480
11	18°03.8'	3074	35°27.5'	3212	80°37.7'	3057	90°19.0'	3007	54°24.2'	3484
12	18°33.3'	3069	35°56.2'	3206	81°07.4'	3055	90°49.0'	3005	53°57.3'	3488
13	19°02.9'	3065	36°24.8'	3200	81°37.1'	3053	91°19.0'	3004	53°30.4'	3492
14	19°32.6'	3060	36°53.6'	3194	82°06.8'	3051	91°49.1'	3002	53°03.6'	3496
15	20°02.2'	3056	37°22.3'	3189	82°36.5'	3049	92°19.1'	3000	52°36.8'	3501
16	20°31.9'	3051	37°51.1'	3183	83°06.3'	3047	92°49.2'	2998	52°10.0'	3505
17	21°01.6'	3047	38°19.9'	3178	83°36.0'	3045	93°19.3'	2997	51°43.2'	3510
18	21°31.4'	3043	38°48.8'	3172	84°05.8'	3043	93°49.4'	2995	51°16.4'	3515
19	22°01.1'	3039	39°17.7'	3167	84°35.5'	3041	94°19.5'	2993	50°49.7'	3520
20	22°30.9'	3035	39°46.7'	3162	85°05.3'	3039	94°49.6'	2991	50°23.1'	3525
21	23°00.8'	3032	40°15.6'	3157	85°35.1'	3037	95°19.8'	2989	49°56.4'	3531
22	23°30.6'	3028	40°44.6'	3152	86°04.9'	3035	95°49.9'	2987	49°29.8'	3536
23	24°00.5'	3024	41°13.7'	3147	86°34.8'	3033	96°20.1'	2985	49°03.2'	3542

Tue May 16, 2017 UTC

UTC	+Saturn		+Antares		-Formalhaut		+Spica		+Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	24°30.4'	3021	41°42.7'	3142	48°36.7'	3548	87°04.6'	3031	96°50.2'	2982
1	25°00.3'	3017	42°11.8'	3137	48°10.2'	3555	87°34.5'	3028	97°20.4'	2980
2	25°30.3'	3014	42°41.0'	3132	47°43.7'	3561	88°04.3'	3026	97°50.7'	2978
3	26°00.3'	3010	43°10.1'	3128	47°17.3'	3568	88°34.2'	3024	98°20.9'	2976
4	26°30.3'	3007	43°39.3'	3123	46°50.9'	3575	89°04.1'	3021	98°51.1'	2973
5	27°00.3'	3003	44°08.6'	3118	46°24.6'	3582	89°34.1'	3019	99°21.4'	2971
6	27°30.4'	3000	44°37.8'	3114	45°58.3'	3590	90°04.0'	3017	99°51.6'	2969
7	28°00.4'	2996	45°07.1'	3109	45°32.0'	3598	90°34.0'	3014	100°21.9'	2966
8	28°30.5'	2993	45°36.5'	3104	45°05.8'	3606	91°03.9'	3012	100°52.2'	2964
9	29°00.6'	2989	46°05.8'	3100	44°39.7'	3615	91°33.9'	3009	101°22.6'	2961
10	29°30.8'	2986	46°35.2'	3095	44°13.5'	3624	92°03.9'	3006	101°52.9'	2959
11	30°01.0'	2983	47°04.6'	3091	43°47.5'	3633	92°34.0'	3004	102°23.3'	2956
12	30°31.1'	2979	47°34.1'	3086	43°21.5'	3643	93°04.0'	3001	102°53.6'	2954
13	31°01.4'	2976	48°03.6'	3082	42°55.6'	3653	93°34.1'	2998	103°24.0'	2951
14	31°31.6'	2972	48°33.1'	3077	42°29.7'	3663	94°04.2'	2996	103°54.4'	2948
15	32°01.9'	2969	49°02.6'	3073	42°03.9'	3674	94°34.3'	2993	104°24.9'	2945
16	32°32.2'	2965	49°32.2'	3069	41°38.1'	3685	95°04.4'	2990	104°55.3'	2943
17	33°02.5'	2962	50°01.8'	3064	41°12.5'	3697	95°34.5'	2987	105°25.8'	2940
18	33°32.8'	2958	50°31.4'	3060	40°46.8'	3709	96°04.7'	2984	105°56.3'	2937
19	34°03.2'	2955	51°01.1'	3055	40°21.3'	3722	96°34.9'	2982	106°26.8'	2934
20	34°33.6'	2951	51°30.8'	3051	39°55.8'	3736	97°05.1'	2979	106°57.3'	2931
21	35°04.0'	2948	52°00.5'	3047	39°30.5'	3750	97°35.3'	2976	107°27.9'	2928
22	35°34.4'	2944	52°30.2'	3042	39°05.2'	3764	98°05.5'	2972	107°58.5'	2925
23	36°04.9'	2941	53°00.0'	3038	38°39.9'	3780	98°35.8'	2969	108°29.0'	2922

Wed May 17, 2017 UTC

UTC	−Sun		+Saturn		+Antares		−Venus		−Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	113°09.0′	3319	36°35.3′	2937	53°29.8′	3033	68°42.7′	3239	38°14.8′	3796
1	112°41.1′	3315	37°05.9′	2933	53°59.7′	3029	68°14.2′	3236	37°49.8′	3812
2	112°13.1′	3311	37°36.4′	2930	54°29.5′	3024	67°45.7′	3233	37°24.8′	3830
3	111°45.1′	3308	38°06.9′	2926	54°59.4′	3020	67°17.2′	3229	36°60.0′	3848
4	111°17.1′	3304	38°37.5′	2922	55°29.4′	3016	66°48.7′	3226	36°35.2′	3867
5	110°49.0′	3300	39°08.2′	2919	55°59.3′	3011	66°20.2′	3223	36°10.6′	3887
6	110°21.0′	3296	39°38.8′	2915	56°29.3′	3007	65°51.6′	3219	35°46.1′	3908
7	109°52.9′	3292	40°09.5′	2911	56°59.3′	3002	65°23.0′	3216	35°21.7′	3929
8	109°24.8′	3288	40°40.2′	2907	57°29.4′	2998	64°54.4′	3212	34°57.4′	3952
9	108°56.6′	3284	41°10.9′	2903	57°59.5′	2993	64°25.8′	3209	34°33.3′	3976
10	108°28.5′	3280	41°41.6′	2899	58°29.6′	2989	63°57.1′	3205	34°09.3′	4001
11	108°00.3′	3276	42°12.4′	2895	58°59.8′	2984	63°28.4′	3201	33°45.4′	4028
12	107°32.1′	3272	42°43.2′	2891	59°29.9′	2980	62°59.7′	3197	33°21.6′	4055
13	107°03.8′	3268	43°14.0′	2887	60°00.2′	2975	62°31.0′	3194	32°58.1′	4084
14	106°35.6′	3264	43°44.9′	2883	60°30.4′	2970	62°02.2′	3190	32°34.6′	4115
15	106°07.3′	3260	44°15.8′	2879	61°00.7′	2966	61°33.4′	3186	32°11.4′	4147
16	105°38.9′	3255	44°46.7′	2875	61°31.0′	2961	61°04.6′	3182	31°48.3′	4181
17	105°10.6′	3251	45°17.6′	2871	62°01.3′	2956	60°35.8′	3178	31°25.4′	4216
18	104°42.2′	3247	45°48.6′	2867	62°31.7′	2952	60°06.9′	3174	31°02.6′	4253
19	104°13.8′	3242	46°19.6′	2863	63°02.1′	2947	59°38.0′	3170	30°40.1′	4293
20	103°45.3′	3238	46°50.7′	2859	63°32.5′	2942	59°09.1′	3166	30°17.8′	4334
21	103°16.9′	3233	47°21.7′	2854	64°03.0′	2938	58°40.2′	3162	29°55.7′	4378
22	102°48.4′	3229	47°52.8′	2850	64°33.5′	2933	58°11.2′	3158	29°33.8′	4423
23	102°19.8′	3224	48°24.0′	2846	65°04.1′	2928	57°42.2′	3153	29°12.1′	4472

Thu May 18, 2017 UTC

UTC	−Sun		+Saturn		+Antares		−Venus		+Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	101°51.3′	3220	48°55.1′	2841	65°34.6′	2923	57°13.2′	3149	111°20.0′	2880
1	101°22.7′	3215	49°26.3′	2837	66°05.2′	2919	56°44.1′	3145	111°51.0′	2876
2	100°54.1′	3210	49°57.5′	2832	66°35.9′	2914	56°15.0′	3141	112°21.9′	2872
3	100°25.4′	3205	50°28.8′	2828	67°06.6′	2909	55°45.9′	3136	112°52.9′	2868
4	99°56.7′	3201	51°00.1′	2823	67°37.3′	2904	55°16.8′	3132	113°23.9′	2864
5	99°28.0′	3196	51°31.4′	2819	68°08.0′	2899	54°47.6′	3127	113°54.9′	2860
6	98°59.3′	3191	52°02.7′	2814	68°38.8′	2894	54°18.4′	3123	114°25.9′	2856
7	98°30.5′	3186	52°34.1′	2810	69°09.6′	2889	53°49.2′	3118	114°57.0′	2851
8	98°01.7′	3181	53°05.5′	2805	69°40.5′	2884	53°19.9′	3114	115°28.1′	2847
9	97°32.9′	3176	53°37.0′	2800	70°11.3′	2879	52°50.6′	3109	115°59.3′	2843
10	97°04.0′	3171	54°08.5′	2796	70°42.3′	2874	52°21.3′	3104	116°30.5′	2839
11	96°35.1′	3166	54°40.0′	2791	71°13.2′	2869	51°51.9′	3100	117°01.7′	2834
12	96°06.1′	3161	55°11.6′	2786	71°44.2′	2864	51°22.5′	3095	117°32.9′	2830
13	95°37.2′	3156	55°43.1′	2781	72°15.2′	2859	50°53.1′	3090	118°04.2′	2825
14	95°08.1′	3151	56°14.8′	2776	72°46.3′	2854	50°23.6′	3085	118°35.5′	2821
15	94°39.1′	3145	56°46.4′	2771	73°17.4′	2849	49°54.2′	3080	119°06.8′	2817
16	94°10.0′	3140	57°18.1′	2767	73°48.5′	2843	49°24.6′	3075	119°38.2′	2812
17	93°40.9′	3135	57°49.9′	2762	74°19.7′	2838	48°55.1′	3070	120°09.6′	2808
18	93°11.7′	3129	58°21.6′	2757	74°50.9′	2833	48°25.5′	3065	120°41.0′	2803
19	92°42.6′	3124	58°53.4′	2752	75°22.2′	2828	47°55.9′	3060	121°12.5′	2799
20	92°13.3′	3119	59°25.3′	2747	75°53.5′	2822	47°26.2′	3055	121°44.0′	2794
21	91°44.1′	3113	59°57.2′	2741	76°24.8′	2817	46°56.5′	3050	122°15.5′	2789
22	91°14.8′	3108	60°29.1′	2736	76°56.2′	2812	46°26.8′	3045	122°47.1′	2785
23	90°45.4′	3102	61°01.0′	2731	77°27.6′	2806	45°57.0′	3040	123°18.7′	2780

Fri May 19, 2017 UTC

UTC	−Sun		+Saturn		−Venus		+Antares		+Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	90°16.1′	3097	61°33.0′	2726	45°27.3′	3035	77°59.0′	2801	38°17.3′	4379
1	89°46.7′	3091	62°05.0′	2721	44°57.4′	3030	78°30.5′	2796	38°39.2′	4335
2	89°17.2′	3085	62°37.1′	2715	44°27.6′	3024	79°02.0′	2790	39°01.3′	4293
3	88°47.7′	3080	63°09.2′	2710	43°57.7′	3019	79°33.6′	2785	39°23.6′	4252
4	88°18.2′	3074	63°41.4′	2705	43°27.7′	3014	80°05.2′	2779	39°46.2′	4212
5	87°48.6′	3068	64°13.6′	2699	42°57.7′	3008	80°36.8′	2774	40°08.9′	4173
6	87°19.0′	3063	64°45.8′	2694	42°27.7′	3003	81°08.5′	2768	40°31.9′	4136
7	86°49.4′	3057	65°18.0′	2689	41°57.7′	2998	81°40.2′	2763	40°55.0′	4099
8	86°19.7′	3051	65°50.4′	2683	41°27.6′	2992	82°12.0′	2757	41°18.4′	4064
9	85°50.0′	3045	66°22.7′	2678	40°57.5′	2987	82°43.8′	2752	41°41.9′	4030
10	85°20.2′	3039	66°55.1′	2672	40°27.3′	2981	83°15.6′	2746	42°05.6′	3996
11	84°50.4′	3033	67°27.5′	2667	39°57.1′	2976	83°47.5′	2740	42°29.5′	3964
12	84°20.6′	3028	67°60.0′	2661	39°26.9′	2970	84°19.4′	2735	42°53.6′	3932
13	83°50.7′	3022	68°32.5′	2656	38°56.6′	2965	84°51.4′	2729	43°17.9′	3901
14	83°20.8′	3016	69°05.0′	2650	38°26.3′	2959	85°23.4′	2724	43°42.3′	3871
15	82°50.8′	3010	69°37.6′	2644	37°55.9′	2953	85°55.4′	2718	44°06.9′	3842
16	82°20.8′	3004	70°10.3′	2639	37°25.5′	2948	86°27.5′	2712	44°31.7′	3813
17	81°50.8′	2997	70°43.0′	2633	36°55.1′	2942	86°59.6′	2706	44°56.6′	3786
18	81°20.7′	2991	71°15.7′	2627	36°24.6′	2936	87°31.8′	2701	45°21.7′	3759
19	80°50.6′	2985	71°48.5′	2622	35°54.1′	2931	88°04.0′	2695	45°47.0′	3732
20	80°20.4′	2979	72°21.3′	2616	35°23.5′	2925	88°36.3′	2689	46°12.4′	3706
21	79°50.2′	2973	72°54.1′	2610	34°52.9′	2919	89°08.6′	2683	46°37.9′	3681
22	79°19.9′	2967	73°27.0′	2604	34°22.3′	2914	89°40.9′	2678	47°03.6′	3657
23	78°49.6′	2961	73°60.0′	2598	33°51.6′	2908	90°13.3′	2672	47°29.5′	3633

Sat May 20, 2017 UTC

UTC	−Sun		−Venus		+Saturn		+Antares		+Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	78°19.3′	2954	33°20.9′	2902	74°32.9′	2592	90°45.8′	2666	47°55.5′	3609
1	77°48.9′	2948	32°50.1′	2896	75°06.0′	2587	91°18.2′	2660	48°21.6′	3586
2	77°18.4′	2942	32°19.3′	2890	75°39.0′	2581	91°50.8′	2654	48°47.9′	3564
3	76°48.0′	2935	31°48.5′	2885	76°12.2′	2575	92°23.3′	2648	49°14.3′	3542
4	76°17.4′	2929	31°17.6′	2879	76°45.3′	2569	92°55.9′	2643	49°40.9′	3520
5	75°46.9′	2923	30°46.7′	2873	77°18.5′	2563	93°28.6′	2637	50°07.5′	3499
6	75°16.3′	2916	30°15.7′	2867	77°51.8′	2557	94°01.3′	2631	50°34.3′	3479
7	74°45.6′	2910	29°44.7′	2862	78°25.1′	2551	94°34.0′	2625	51°01.3′	3459
8	74°14.9′	2904	29°13.7′	2856	78°58.4′	2545	95°06.8′	2619	51°28.3′	3439
9	73°44.2′	2897	28°42.6′	2850	79°31.8′	2539	95°39.6′	2613	51°55.5′	3419
10	73°13.4′	2891	28°11.5′	2844	80°05.3′	2533	96°12.5′	2607	52°22.8′	3400
11	72°42.5′	2885	27°40.3′	2838	80°38.8′	2527	96°45.4′	2601	52°50.2′	3382
12	72°11.7′	2878	27°09.1′	2833	81°12.3′	2521	97°18.4′	2595	53°17.8′	3364
13	71°40.7′	2872	26°37.8′	2827	81°45.9′	2515	97°51.4′	2590	53°45.4′	3346
14	71°09.8′	2865	26°06.5′	2821	82°19.5′	2509	98°24.4′	2584	54°13.2′	3328
15	70°38.7′	2859	25°35.2′	2816	82°53.2′	2503	98°57.5′	2578	54°41.1′	3311
16	70°07.7′	2852	25°03.8′	2810	83°26.9′	2496	99°30.7′	2572	55°09.1′	3294
17	69°36.6′	2846	24°32.4′	2804	84°00.7′	2490	100°03.9′	2566	55°37.2′	3277
18	69°05.4′	2839	24°01.0′	2799	84°34.5′	2484	100°37.1′	2560	56°05.4′	3261
19	68°34.2′	2833	23°29.5′	2793	85°08.3′	2478	101°10.4′	2554	56°33.7′	3245
20	68°02.9′	2826	22°57.9′	2788	85°42.2′	2472	101°43.7′	2548	57°02.1′	3229
21	67°31.7′	2820	22°26.4′	2783	86°16.2′	2466	102°17.1′	2542	57°30.7′	3214
22	67°00.3′	2813	21°54.7′	2777	86°50.2′	2460	102°50.5′	2536	57°59.3′	3199
23	66°28.9′	2807	21°23.1′	2772	87°24.3′	2453	103°23.9′	2531	58°28.0′	3184

Sun May 21, 2017 UTC

UTC	-Sun		-Venus		+Saturn		+Antares		+Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	65°57.5'	2800	20°51.4'	2767	87°58.4'	2447	103°57.4'	2525	58°56.8'	3169
1	65°26.0'	2794	20°19.7'	2762	88°32.5'	2441	104°31.0'	2519	59°25.8'	3155
2	64°54.5'	2787	19°47.9'	2757	89°06.7'	2435	105°04.6'	2513	59°54.8'	3140
3	64°22.9'	2781	19°16.1'	2752	89°41.0'	2429	105°38.2'	2507	60°23.9'	3126
4	63°51.3'	2774	18°44.3'	2748	90°15.3'	2423	106°11.9'	2501	60°53.1'	3113
5	63°19.6'	2768	18°12.4'	2743	90°49.6'	2416	106°45.6'	2496	61°22.4'	3099
6	62°47.9'	2761	17°40.5'	2739	91°24.0'	2410	107°19.4'	2490	61°51.8'	3086
7	62°16.1'	2755	17°08.6'	2735	91°58.5'	2404	107°53.2'	2484	62°21.3'	3073
8	61°44.3'	2749	16°36.6'	2731	92°33.0'	2398	108°27.1'	2478	62°50.8'	3060
9	61°12.4'	2742	16°04.6'	2727	93°07.5'	2392	109°01.0'	2473	63°20.5'	3047
10	60°40.5'	2736	15°32.6'	2724	93°42.1'	2386	109°35.0'	2467	63°50.3'	3035
11	60°08.5'	2729	15°00.5'	2721	94°16.7'	2379	110°09.0'	2461	64°20.1'	3022
12	59°36.5'	2723	14°28.5'	2719	94°51.4'	2373	110°43.0'	2455	64°50.0'	3010
13	59°04.5'	2717	13°56.4'	2717	95°26.2'	2367	111°17.1'	2450	65°20.0'	2998
14	58°32.4'	2710	13°24.3'	2715	96°00.9'	2361	111°51.2'	2444	65°50.1'	2987
15	58°00.2'	2704	12°52.2'	2715	96°35.8'	2355	112°25.4'	2439	66°20.3'	2975
16	57°28.0'	2697	12°20.1'	2715	97°10.7'	2349	112°59.6'	2433	66°50.5'	2964
17	56°55.8'	2691	11°47.9'	2716	97°45.6'	2343	113°33.9'	2428	67°20.8'	2952
18	56°23.5'	2685	11°15.8'	2718	98°20.6'	2337	114°08.2'	2422	67°51.2'	2941
19	55°51.2'	2679	10°43.8'	2722	98°55.6'	2330	114°42.5'	2417	68°21.7'	2931
20	55°18.8'	2672	10°11.7'	2727	99°30.7'	2324	115°16.9'	2411	68°52.3'	2920
21	54°46.4'	2666	9°39.7'	2735	100°05.8'	2318	115°51.4'	2406	69°22.9'	2909
22	54°13.9'	2660	9°07.7'	2745	100°41.0'	2312	116°25.9'	2401	69°53.6'	2899
23	53°41.4'	2654	8°35.8'	2758	101°16.3'	2306	117°00.4'	2395	70°24.4'	2889

Mon May 22, 2017 UTC

UTC	-Sun		-Venus		+Saturn		+Formalhaut		+Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	53°08.8'	2648	8°04.0'	2776	101°51.5'	2300	37°32.7'	3180	70°55.2'	2879
1	52°36.2'	2642	7°32.4'	2800	102°26.9'	2294	38°01.6'	3151	71°26.2'	2869
2	52°03.5'	2636	7°00.9'	2831	103°02.2'	2288	38°30.6'	3123	71°57.1'	2859
3	51°30.8'	2630	6°29.6'	2872	103°37.7'	2283	38°59.8'	3097	72°28.2'	2849
4	50°58.1'	2624	5°58.6'	2928	104°13.1'	2277	39°29.2'	3071	72°59.3'	2840
5	50°25.3'	2618	5°28.1'	3005	104°48.7'	2271	39°58.8'	3046	73°30.5'	2831
6	49°52.5'	2612	4°58.0'	3112	105°24.2'	2265	40°28.6'	3021	74°01.8'	2822
7	49°19.6'	2606	-	-	105°59.8'	2259	40°58.5'	2998	74°33.1'	2813
8	48°46.6'	2600	-	-	106°35.5'	2253	41°28.6'	2975	75°04.5'	2804
9	48°13.7'	2594	-	-	107°11.2'	2247	41°58.8'	2953	75°36.0'	2795
10	47°40.7'	2589	-	-	107°47.0'	2242	42°29.2'	2932	76°07.5'	2787
11	47°07.6'	2583	-	-	108°22.8'	2236	42°59.8'	2911	76°39.1'	2778
12	46°34.5'	2577	-	-	108°58.7'	2230	43°30.5'	2891	77°10.7'	2770
13	46°01.4'	2572	-	-	109°34.6'	2225	44°01.3'	2871	77°42.5'	2762
14	45°28.2'	2566	-	-	110°10.5'	2219	44°32.3'	2852	78°14.2'	2754
15	44°54.9'	2561	-	-	110°46.5'	2213	45°03.4'	2833	78°46.0'	2746
16	44°21.7'	2556	-	-	111°22.5'	2208	45°34.7'	2815	79°17.9'	2739
17	43°48.4'	2550	-	-	111°58.6'	2202	46°06.0'	2798	79°49.9'	2731
18	43°15.0'	2545	-	-	112°34.8'	2197	46°37.5'	2781	80°21.9'	2724
19	42°41.6'	2540	-	-	113°10.9'	2191	47°09.2'	2764	80°53.9'	2716
20	42°08.2'	2535	-	-	113°47.2'	2186	47°40.9'	2748	81°26.0'	2709
21	41°34.7'	2530	-	-	114°23.4'	2181	48°12.8'	2732	81°58.2'	2702
22	41°01.2'	2525	5°05.2'	2881	114°59.7'	2175	48°44.8'	2717	82°30.4'	2696
23	40°27.7'	2520	5°36.1'	2797	115°36.1'	2170	49°16.9'	2702	83°02.6'	2689

Tue May 23, 2017 UTC

UTC	+Venus		+Formalhaut		+Saturn		+Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	6°07.6'	2733	49°49.1'	2687	116°12.5'	2165	83°34.9'	2682
1	6°39.6'	2682	50°21.4'	2673	116°49.0'	2160	84°07.3'	2676
2	7°11.9'	2641	50°53.8'	2659	117°25.4'	2155	84°39.7'	2670
3	7°44.6'	2607	51°26.3'	2646	118°02.0'	2150	85°12.1'	2664
4	8°17.5'	2578	51°59.0'	2633	118°38.6'	2145	85°44.6'	2658
5	8°50.6'	2554	52°31.7'	2620	119°15.2'	2140	86°17.1'	2652
6	9°24.0'	2533	53°04.5'	2607	119°51.8'	2135	86°49.7'	2647
7	9°57.4'	2515	53°37.4'	2595	120°28.5'	2130	87°22.3'	2641
8	10°31.1'	2499	54°10.4'	2583	121°05.3'	2125	87°55.0'	2636
9	11°04.8'	2484	54°43.5'	2572	121°42.1'	2120	88°27.7'	2631
10	11°38.7'	2471	55°16.7'	2560	122°18.9'	2116	89°00.4'	2626
11	12°12.7'	2459	55°50.0'	2549	122°55.7'	2111	89°33.2'	2621
12	12°46.7'	2448	56°23.3'	2538	123°32.6'	2106	90°06.0'	2616
13	13°20.9'	2437	56°56.8'	2528	124°09.6'	2102	90°38.9'	2612
14	13°55.1'	2428	57°30.3'	2518	124°46.6'	2097	91°11.8'	2607
15	14°29.4'	2419	58°03.9'	2508	125°23.6'	2093	91°44.7'	2603
16	15°03.8'	2410	58°37.6'	2498	126°00.6'	2089	92°17.6'	2599
17	15°38.2'	2403	59°11.4'	2488	126°37.7'	2084	92°50.6'	2595
18	16°12.7'	2395	59°45.2'	2479	127°14.9'	2080	93°23.6'	2592
19	16°47.3'	2388	60°19.1'	2470	127°52.0'	2076	93°56.7'	2588
20	17°21.9'	2381	60°53.1'	2461	128°29.2'	2072	94°29.7'	2585
21	17°56.6'	2374	61°27.1'	2452	129°06.5'	2068	95°02.8'	2581
22	18°31.3'	2368	62°01.2'	2444	129°43.7'	2064	95°35.9'	2578
23	19°06.1'	2362	62°35.4'	2436	130°21.0'	2060	96°09.1'	2576

Wed May 24, 2017 UTC

UTC	+Venus		+Formalhaut		+Altair		+Deneb	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	19°40.9'	2356	63°09.7'	2427	96°42.2'	2573	80°20.3'	5287
1	20°15.8'	2351	63°44.0'	2420	97°15.4'	2570	80°38.1'	5271
2	20°50.7'	2345	64°18.3'	2412	97°48.6'	2568	80°55.9'	5255
3	21°25.7'	2340	64°52.8'	2405	98°21.8'	2566	81°13.8'	5239
4	22°00.7'	2335	65°27.3'	2397	98°55.1'	2564	81°31.8'	5224
5	22°35.8'	2330	66°01.8'	2390	99°28.3'	2562	81°49.8'	5210
6	23°10.8'	2325	66°36.4'	2384	100°01.6'	2561	82°07.9'	5196
7	23°46.0'	2321	67°11.1'	2377	100°34.8'	2559	82°26.0'	5183
8	24°21.1'	2316	67°45.8'	2370	101°08.1'	2558	82°44.2'	5170
9	24°56.3'	2312	68°20.5'	2364	101°41.4'	2557	83°02.4'	5158
10	25°31.6'	2308	68°55.4'	2358	102°14.7'	2557	83°20.7'	5146
11	26°06.8'	2304	69°30.2'	2352	102°48.0'	2556	83°39.1'	5134
12	26°42.1'	2300	70°05.1'	2346	103°21.3'	2556	83°57.5'	5123
13	27°17.5'	2296	70°40.1'	2341	103°54.6'	2556	84°15.9'	5113
14	27°52.8'	2293	71°15.1'	2335	104°27.9'	2556	84°34.4'	5103
15	28°28.2'	2289	71°50.1'	2330	105°01.2'	2556	84°52.9'	5094
16	29°03.6'	2286	72°25.2'	2325	105°34.6'	2557	85°11.5'	5085
17	29°39.1'	2282	73°00.3'	2320	106°07.9'	2557	85°30.1'	5076
18	30°14.6'	2279	73°35.5'	2316	106°41.2'	2558	85°48.7'	5069
19	30°50.1'	2276	74°10.7'	2311	107°14.4'	2560	86°07.4'	5061
20	31°25.6'	2273	74°45.9'	2307	107°47.7'	2561	86°26.1'	5054
21	32°01.1'	2270	75°21.2'	2302	108°21.0'	2563	86°44.9'	5048
22	32°36.7'	2267	75°56.5'	2298	108°54.3'	2565	87°03.6'	5042
23	33°12.3'	2265	76°31.9'	2295	109°27.5'	2567	87°22.4'	5036

Thu May 25, 2017 UTC

UTC	+Venus		+Formalhaut		+Altair		+Achernar	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	33°47.9'	2262	77°07.3'	2291	110°00.7'	2570	73°59.2'	5180
1	34°23.6'	2260	77°42.7'	2287	110°33.9'	2572	74°17.4'	5156
2	34°59.2'	2258	78°18.1'	2284	111°07.1'	2575	74°35.7'	5133
3	35°34.9'	2255	78°53.6'	2281	111°40.3'	2579	74°54.1'	5111
4	36°10.6'	2253	79°29.0'	2278	112°13.4'	2582	75°12.6'	5089
5	36°46.3'	2251	80°04.6'	2275	112°46.5'	2586	75°31.2'	5068
6	37°22.0'	2249	80°40.1'	2272	113°19.6'	2590	75°49.9'	5048
7	37°57.8'	2247	81°15.7'	2269	113°52.6'	2595	76°08.6'	5028
8	38°33.5'	2246	81°51.2'	2267	114°25.6'	2600	76°27.5'	5009
9	39°09.3'	2244	82°26.8'	2265	114°58.6'	2605	76°46.4'	4990
10	39°45.1'	2243	83°02.5'	2262	115°31.6'	2610	77°05.4'	4972
11	40°20.9'	2241	83°38.1'	2260	116°04.5'	2616	77°24.5'	4955
12	40°56.7'	2240	84°13.7'	2259	116°37.3'	2622	77°43.7'	4938
13	41°32.5'	2239	84°49.4'	2257	117°10.1'	2628	78°02.9'	4922
14	42°08.4'	2238	85°25.1'	2255	117°42.9'	2635	78°22.3'	4907
15	42°44.2'	2237	86°00.8'	2254	118°15.6'	2642	78°41.6'	4892
16	43°20.1'	2236	86°36.5'	2253	118°48.2'	2650	79°01.1'	4877
17	43°55.9'	2235	87°12.2'	2252	119°20.8'	2658	79°20.6'	4863
18	44°31.8'	2234	87°47.9'	2251	119°53.4'	2666	79°40.2'	4850
19	45°07.6'	2234	88°23.7'	2250	120°25.8'	2675	79°59.8'	4837
20	45°43.5'	2233	88°59.4'	2250	120°58.2'	2684	80°19.5'	4825
21	46°19.4'	2233	89°35.1'	2249	121°30.6'	2694	80°39.3'	4814
22	46°55.3'	2233	90°10.9'	2249	122°02.8'	2704	80°59.1'	4802
23	47°31.2'	2232	90°46.6'	2249	122°35.0'	2714	81°18.9'	4792

Sat May 27, 2017 UTC

UTC	-Pollux		-Regulus		-Procyon		-Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	32°36.3'	2206	67°23.8'	1988	34°34.9'	2386	110°45.2'	1980
1	32°00.2'	2216	66°45.9'	1990	34°00.2'	2401	110°07.2'	1982
2	31°24.2'	2226	66°07.9'	1992	33°25.7'	2418	109°29.2'	1984
3	30°48.3'	2237	65°30.0'	1995	32°51.3'	2435	108°51.2'	1986
4	30°12.4'	2249	64°52.1'	1997	32°17.1'	2453	108°13.2'	1989
5	29°36.7'	2261	64°14.2'	1999	31°43.0'	2472	107°35.3'	1991
6	29°01.0'	2274	63°36.3'	2002	31°09.0'	2492	106°57.3'	1993
7	28°25.5'	2288	62°58.5'	2004	30°35.2'	2513	106°19.4'	1996
8	27°50.1'	2303	62°20.7'	2007	30°01.6'	2535	105°41.5'	1999
9	27°14.8'	2319	61°42.9'	2010	29°28.1'	2559	105°03.7'	2001
10	26°39.6'	2335	61°05.1'	2012	28°54.8'	2584	104°25.8'	2004
11	26°04.5'	2353	60°27.4'	2015	28°21.7'	2611	103°48.0'	2007
12	25°29.6'	2372	59°49.6'	2018	27°48.8'	2639	103°10.2'	2010
13	24°54.9'	2392	59°11.9'	2021	27°16.1'	2670	102°32.4'	2013
14	24°20.3'	2413	58°34.3'	2024	26°43.7'	2702	101°54.7'	2016
15	23°45.9'	2436	57°56.6'	2028	26°11.5'	2736	101°17.0'	2019
16	23°11.6'	2461	57°19.0'	2031	25°39.5'	2772	100°39.3'	2023
17	22°37.6'	2487	56°41.4'	2034	25°07.8'	2811	100°01.6'	2026
18	22°03.7'	2516	56°03.9'	2037	24°36.4'	2853	99°24.0'	2029
19	21°30.1'	2547	55°26.3'	2041	24°05.3'	2897	98°46.4'	2033
20	20°56.7'	2580	54°48.8'	2044	23°34.5'	2945	98°08.8'	2036
21	20°23.6'	2616	54°11.3'	2048	23°04.1'	2996	97°31.3'	2040
22	19°50.8'	2655	53°33.9'	2052	22°34.0'	3052	96°53.8'	2044
23	19°18.2'	2697	52°56.5'	2055	22°04.3'	3111	96°16.3'	2047

Sun May 28, 2017 UTC

UTC	−Regulus		+Mars		−Pollux		−Jupiter		−Procyon	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	52°19.1′	2059	13°49.5′	2601	18°46.0′	2744	95°38.8′	2051	21°35.0′	3175
1	51°41.8′	2063	14°22.5′	2578	18°14.1′	2795	95°01.4′	2055	21°06.1′	3244
2	51°04.5′	2067	14°55.6′	2559	17°42.5′	2850	94°24.0′	2059	20°37.6′	3319
3	50°27.2′	2071	15°28.9′	2542	17°11.4′	2911	93°46.7′	2063	20°09.7′	3401
4	49°49.9′	2075	16°02.3′	2527	16°40.7′	2979	93°09.4′	2067	19°42.3′	3489
5	49°12.7′	2079	16°35.8′	2515	16°10.5′	3053	92°32.1′	2071	19°15.4′	3585
6	48°35.6′	2083	17°09.5′	2504	15°40.8′	3136	91°54.9′	2075	18°49.1′	3690
7	47°58.4′	2087	17°43.2′	2494	15°11.7′	3229	91°17.6′	2080	18°23.5′	3805
8	47°21.3′	2092	18°17.0′	2486	14°43.1′	3332	90°40.5′	2084	17°58.5′	3931
9	46°44.2′	2096	18°50.8′	2480	14°15.3′	3448	90°03.3′	2088	17°34.2′	4070
10	46°07.2′	2100	19°24.7′	2474	–	–	89°26.2′	2093	–	–
11	45°30.2′	2105	19°58.7′	2469	–	–	88°49.2′	2097	–	–
12	44°53.3′	2109	20°32.6′	2465	–	–	88°12.2′	2102	–	–
13	44°16.4′	2114	21°06.7′	2462	–	–	87°35.2′	2106	–	–
14	43°39.5′	2119	21°40.7′	2459	–	–	86°58.2′	2111	–	–
15	43°02.6′	2123	22°14.7′	2458	–	–	86°21.3′	2116	–	–
16	42°25.8′	2128	22°48.8′	2456	–	–	85°44.5′	2120	–	–
17	41°49.1′	2133	23°22.9′	2455	–	–	85°07.7′	2125	–	–
18	41°12.4′	2137	23°57.0′	2455	–	–	84°30.9′	2130	–	–
19	40°35.7′	2142	24°31.1′	2455	–	–	83°54.1′	2135	–	–
20	39°59.0′	2147	25°05.2′	2456	–	–	83°17.4′	2140	–	–
21	39°22.5′	2152	25°39.3′	2457	–	–	82°40.8′	2145	–	–
22	38°45.9′	2157	26°13.3′	2458	–	–	82°04.2′	2150	–	–
23	38°09.4′	2162	26°47.4′	2459	–	–	81°27.6′	2155	–	–

Mon May 29, 2017 UTC

UTC	+Sun		−Regulus		+Mars		+Betelgeuse		−Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	44°54.1′	2497	37°32.9′	2167	27°21.5′	2461	26°44.0′	2651	80°51.1′	2160
1	45°27.8′	2502	36°56.5′	2172	27°55.5′	2463	27°16.6′	2637	80°14.6′	2165
2	46°01.6′	2507	36°20.1′	2178	28°29.5′	2465	27°49.3′	2624	79°38.1′	2170
3	46°35.2′	2512	35°43.8′	2183	29°03.5′	2468	28°22.1′	2612	79°01.7′	2176
4	47°08.9′	2517	35°07.5′	2188	29°37.5′	2471	28°55.0′	2601	78°25.4′	2181
5	47°42.5′	2522	34°31.2′	2193	30°11.5′	2473	29°27.9′	2591	77°49.0′	2186
6	48°16.1′	2527	33°55.0′	2199	30°45.5′	2477	30°01.0′	2582	77°12.8′	2192
7	48°49.6′	2532	33°18.8′	2204	31°19.4′	2480	30°34.1′	2574	76°36.6′	2197
8	49°23.1′	2538	32°42.7′	2209	31°53.3′	2483	31°07.2′	2567	76°00.4′	2202
9	49°56.5′	2543	32°06.6′	2215	32°27.1′	2487	31°40.5′	2560	75°24.2′	2208
10	50°30.0′	2548	31°30.6′	2220	33°01.0′	2491	32°13.7′	2554	74°48.2′	2213
11	51°03.3′	2554	30°54.6′	2226	33°34.8′	2494	32°47.1′	2549	74°12.1′	2219
12	51°36.7′	2559	30°18.7′	2231	34°08.6′	2498	33°20.4′	2544	73°36.1′	2224
13	52°09.9′	2565	29°42.8′	2237	34°42.3′	2503	33°53.8′	2540	73°00.2′	2230
14	52°43.2′	2570	29°06.9′	2242	35°16.1′	2507	34°27.2′	2537	72°24.3′	2236
15	53°16.4′	2576	28°31.1′	2248	35°49.7′	2511	35°00.7′	2534	71°48.4′	2241
16	53°49.5′	2582	27°55.4′	2254	36°23.4′	2516	35°34.2′	2531	71°12.6′	2247
17	54°22.6′	2587	27°19.7′	2259	36°57.0′	2520	36°07.7′	2529	70°36.8′	2253
18	54°55.7′	2593	26°44.0′	2265	37°30.6′	2525	36°41.2′	2527	70°01.1′	2258
19	55°28.7′	2599	26°08.4′	2271	38°04.2′	2529	37°14.7′	2526	69°25.4′	2264
20	56°01.7′	2605	25°32.8′	2276	38°37.7′	2534	37°48.3′	2525	68°49.8′	2270
21	56°34.7′	2610	24°57.3′	2282	39°11.1′	2539	38°21.8′	2524	68°14.2′	2276
22	57°07.5′	2616	24°21.8′	2288	39°44.6′	2544	38°55.4′	2524	67°38.7′	2281
23	57°40.4′	2622	23°46.4′	2294	40°18.0′	2549	39°28.9′	2524	67°03.2′	2287

Tue May 30, 2017 UTC

UTC	+Sun		-Regulus		+Betelgeuse		+Mars		-Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	58°13.2'	2628	23°11.0'	2299	40°02.5'	2524	40°51.4'	2554	66°27.8'	2293
1	58°46.0'	2634	22°35.7'	2305	40°36.0'	2524	41°24.7'	2559	65°52.4'	2299
2	59°18.7'	2640	22°00.4'	2311	41°09.6'	2525	41°58.0'	2564	65°17.1'	2305
3	59°51.3'	2646	21°25.2'	2317	41°43.1'	2526	42°31.2'	2570	64°41.8'	2311
4	60°24.0'	2652	20°50.0'	2323	42°16.7'	2527	43°04.4'	2575	64°06.5'	2317
5	60°56.6'	2658	20°14.8'	2329	42°50.2'	2529	43°37.6'	2580	63°31.3'	2323
6	61°29.1'	2664	19°39.7'	2335	43°23.7'	2530	44°10.7'	2586	62°56.2'	2329
7	62°01.6'	2670	19°04.7'	2341	43°57.2'	2532	44°43.8'	2591	62°21.1'	2335
8	62°34.0'	2676	18°29.7'	2346	44°30.7'	2534	45°16.8'	2596	61°46.0'	2340
9	63°06.4'	2683	17°54.7'	2352	45°04.2'	2536	45°49.8'	2602	61°11.0'	2346
10	63°38.8'	2689	17°19.8'	2358	45°37.6'	2538	46°22.8'	2607	60°36.1'	2352
11	64°11.1'	2695	16°44.9'	2364	46°11.1'	2541	46°55.7'	2613	60°01.2'	2358
12	64°43.3'	2701	16°10.1'	2370	46°44.5'	2543	47°28.6'	2619	59°26.3'	2364
13	65°15.5'	2707	15°35.4'	2376	47°17.9'	2546	48°01.4'	2624	58°51.5'	2370
14	65°47.7'	2714	15°00.7'	2382	47°51.3'	2549	48°34.2'	2630	58°16.7'	2376
15	66°19.8'	2720	14°26.0'	2388	48°24.7'	2552	49°06.9'	2636	57°42.0'	2383
16	66°51.9'	2726	13°51.4'	2394	48°58.0'	2555	49°39.6'	2641	57°07.4'	2389
17	67°23.9'	2732	13°16.8'	2400	49°31.3'	2558	50°12.3'	2647	56°32.7'	2395
18	67°55.9'	2738	12°42.3'	2406	50°04.6'	2562	50°44.9'	2653	55°58.2'	2401
19	68°27.9'	2745	12°07.8'	2412	50°37.9'	2565	51°17.5'	2659	55°23.6'	2407
20	68°59.8'	2751	11°33.4'	2418	51°11.1'	2568	51°50.0'	2664	54°49.2'	2413
21	69°31.6'	2757	10°59.0'	2424	51°44.3'	2572	52°22.5'	2670	54°14.7'	2419
22	70°03.4'	2763	10°24.6'	2430	52°17.5'	2576	52°55.0'	2676	53°40.4'	2425
23	70°35.2'	2770	9°50.4'	2437	52°50.7'	2579	53°27.4'	2682	53°06.0'	2431

Wed May 31, 2017 UTC

UTC	+Sun		-Regulus		+Pollux		-Jupiter		+Betelgeuse	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	71°06.9'	2776	9°16.1'	2443	28°18.2'	2716	52°31.8'	2437	53°23.8'	2583
1	71°38.5'	2782	8°41.9'	2449	28°50.3'	2713	51°57.5'	2443	53°56.9'	2587
2	72°10.1'	2788	8°07.8'	2455	29°22.4'	2709	51°23.3'	2449	54°30.0'	2591
3	72°41.7'	2795	7°33.7'	2461	29°54.6'	2706	50°49.2'	2455	55°03.0'	2595
4	73°13.2'	2801	6°59.7'	2468	30°26.8'	2704	50°15.1'	2461	55°36.0'	2599
5	73°44.7'	2807	6°25.7'	2474	30°58.9'	2702	49°41.1'	2467	56°09.0'	2603
6	74°16.2'	2813	5°51.7'	2481	31°31.2'	2701	49°07.1'	2473	56°41.9'	2607
7	74°47.5'	2820	5°17.8'	2488	32°03.4'	2700	48°33.1'	2479	57°14.9'	2612
8	75°18.9'	2826	4°44.0'	2495	32°35.6'	2699	47°59.2'	2485	57°47.7'	2616
9	75°50.2'	2832	4°10.2'	2503	33°07.8'	2699	47°25.4'	2491	58°20.6'	2620
10	76°21.5'	2838	3°36.5'	2512	33°40.0'	2699	46°51.5'	2497	58°53.4'	2625
11	76°52.7'	2845	3°02.9'	2523	34°12.3'	2699	46°17.8'	2503	59°26.2'	2629
12	77°23.8'	2851	2°29.3'	2539	34°44.5'	2699	45°44.1'	2509	59°59.0'	2634
13	77°55.0'	2857	1°55.9'	2567	35°16.7'	2700	45°10.4'	2515	60°31.7'	2638
14	78°26.0'	2863	1°22.6'	2641	35°49.0'	2701	44°36.8'	2521	61°04.4'	2643
15	78°57.1'	2869	-	-	36°21.2'	2702	44°03.2'	2527	61°37.0'	2647
16	79°28.1'	2875	-	-	36°53.4'	2703	43°29.7'	2533	62°09.6'	2652
17	79°59.0'	2882	-	-	37°25.6'	2705	42°56.2'	2539	62°42.2'	2656
18	80°29.9'	2888	-	-	37°57.8'	2707	42°22.7'	2545	63°14.8'	2661
19	81°00.8'	2894	1°27.3'	2598	38°29.9'	2709	41°49.3'	2551	63°47.3'	2666
20	81°31.6'	2900	2°00.3'	2584	39°02.1'	2711	41°16.0'	2557	64°19.7'	2670
21	82°02.3'	2906	2°33.4'	2580	39°34.2'	2713	40°42.7'	2563	64°52.2'	2675
22	82°33.1'	2912	3°06.5'	2581	40°06.4'	2715	40°09.4'	2568	65°24.6'	2680
23	83°03.8'	2918	3°39.6'	2583	40°38.5'	2717	39°36.2'	2574	65°57.0'	2684