

Mon Jan 1, 2018 UTC

UTC	+Aldebaran		-Pollux		-Regulus		-Procyon		-Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	14°46.6'	1974	30°33.2'	2169	65°22.9'	1970	32°57.1'	2475	119°01.5'	2010
1	15°24.7'	1972	29°56.8'	2175	64°44.8'	1968	32°23.2'	2491	118°23.7'	2008
2	16°02.8'	1970	29°20.5'	2182	64°06.7'	1966	31°49.4'	2508	117°45.9'	2005
3	16°40.9'	1968	28°44.2'	2189	63°28.5'	1964	31°15.7'	2527	117°08.1'	2003
4	17°19.1'	1966	28°07.9'	2197	62°50.4'	1963	30°42.2'	2547	116°30.3'	2001
5	17°57.2'	1964	27°31.7'	2205	62°12.2'	1961	30°08.8'	2568	115°52.4'	1999
6	18°35.4'	1962	26°55.6'	2215	61°34.0'	1960	29°35.6'	2591	115°14.5'	1997
7	19°13.6'	1961	26°19.6'	2225	60°55.8'	1958	29°02.5'	2616	114°36.7'	1996
8	19°51.8'	1959	25°43.7'	2237	60°17.5'	1957	28°29.7'	2642	113°58.8'	1994
9	20°30.0'	1958	25°07.8'	2249	59°39.3'	1956	27°57.0'	2670	113°20.9'	1992
10	21°08.2'	1957	24°32.1'	2263	59°01.1'	1955	27°24.6'	2701	112°42.9'	1991
11	21°46.5'	1955	23°56.4'	2277	58°22.8'	1954	26°52.4'	2733	112°05.0'	1989
12	22°24.7'	1954	23°20.9'	2294	57°44.5'	1953	26°20.4'	2769	111°27.0'	1988
13	23°03.0'	1953	22°45.5'	2311	57°06.3'	1952	25°48.7'	2807	110°49.1'	1987
14	23°41.2'	1952	22°10.3'	2331	56°28.0'	1951	25°17.2'	2847	110°11.1'	1986
15	24°19.5'	1952	21°35.2'	2352	55°49.7'	1950	24°46.1'	2892	109°33.1'	1985
16	24°57.8'	1951	21°00.3'	2376	55°11.4'	1950	24°15.3'	2939	108°55.1'	1984
17	25°36.1'	1950	20°25.6'	2402	54°33.1'	1949	23°44.8'	2991	108°17.2'	1984
18	26°14.4'	1950	19°51.1'	2430	53°54.8'	1949	23°14.6'	3046	107°39.2'	1983
19	26°52.7'	1950	19°16.8'	2462	53°16.5'	1949	22°44.9'	3107	107°01.1'	1982
20	27°31.0'	1949	18°42.8'	2497	52°38.2'	1949	22°15.5'	3172	106°23.1'	1982
21	28°09.3'	1949	18°09.0'	2535	51°59.9'	1948	21°46.6'	3244	105°45.1'	1982
22	28°47.6'	1949	17°35.5'	2578	51°21.6'	1948	21°18.2'	3321	105°07.1'	1981
23	29°25.9'	1949	17°02.4'	2626	50°43.3'	1949	20°50.3'	3406	104°29.1'	1981

Tue Jan 2, 2018 UTC

UTC	+Aldebaran		-Regulus		-Pollux		-Spica		+Betelgeuse	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	30°04.2'	1949	50°05.0'	1949	16°29.6'	2680	103°51.1'	1981	16°59.3'	3511
1	30°42.5'	1949	49°26.7'	1949	15°57.2'	2739	103°13.0'	1981	17°26.0'	3402
2	31°20.8'	1950	48°48.3'	1949	15°25.3'	2807	102°35.0'	1982	17°53.5'	3304
3	31°59.1'	1950	48°10.0'	1950	14°53.9'	2883	101°57.0'	1982	18°21.5'	3215
4	32°37.4'	1951	47°31.7'	1950	14°23.0'	2969	101°19.0'	1982	18°50.1'	3134
5	33°15.7'	1951	46°53.5'	1951	13°52.7'	3067	100°41.0'	1983	19°19.3'	3061
6	33°54.0'	1952	46°15.2'	1952	13°23.1'	3179	100°03.0'	1983	19°48.9'	2995
7	34°32.2'	1953	45°36.9'	1953	–	–	99°25.0'	1984	20°19.0'	2934
8	35°10.5'	1954	44°58.6'	1954	–	–	98°47.0'	1985	20°49.6'	2878
9	35°48.8'	1955	44°20.4'	1955	–	–	98°09.0'	1986	21°20.5'	2828
10	36°27.0'	1956	43°42.1'	1956	–	–	97°31.0'	1987	21°51.8'	2781
11	37°05.3'	1957	43°03.9'	1957	–	–	96°53.0'	1988	22°23.4'	2739
12	37°43.5'	1958	42°25.6'	1958	–	–	96°15.1'	1989	22°55.3'	2700
13	38°21.7'	1959	41°47.4'	1960	–	–	95°37.1'	1990	23°27.6'	2664
14	38°59.9'	1961	41°09.2'	1961	–	–	94°59.2'	1992	24°00.0'	2631
15	39°38.1'	1962	40°31.0'	1963	–	–	94°21.2'	1993	24°32.8'	2600
16	40°16.3'	1964	39°52.8'	1964	–	–	93°43.3'	1995	25°05.8'	2572
17	40°54.5'	1966	39°14.6'	1966	–	–	93°05.4'	1997	25°38.9'	2546
18	41°32.7'	1967	38°36.5'	1968	–	–	92°27.5'	1998	26°12.3'	2522
19	42°10.8'	1969	37°58.3'	1970	–	–	91°49.7'	2000	26°45.9'	2500
20	42°48.9'	1971	37°20.2'	1972	–	–	91°11.8'	2002	27°19.6'	2480
21	43°27.0'	1973	36°42.1'	1974	–	–	90°34.0'	2004	27°53.5'	2461
22	44°05.1'	1976	36°04.0'	1976	–	–	89°56.2'	2007	28°27.6'	2444
23	44°43.2'	1978	35°26.0'	1979	–	–	89°18.4'	2009	29°01.7'	2427

Wed Jan 3, 2018 UTC

UTC	−Regulus		+Aldebaran		+Betelgeuse		−Spica		−Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	34°47.9'	1981	45°21.3'	1980	29°36.1'	2413	88°40.6'	2011	111°56.4'	2040
1	34°09.9'	1984	45°59.3'	1983	30°10.5'	2399	88°02.8'	2014	111°18.9'	2043
2	33°31.9'	1986	46°37.3'	1985	30°45.0'	2386	87°25.1'	2016	110°41.4'	2045
3	32°53.9'	1989	47°15.3'	1988	31°19.7'	2374	86°47.4'	2019	110°03.9'	2048
4	32°16.0'	1991	47°53.2'	1990	31°54.4'	2363	86°09.7'	2022	109°26.5'	2050
5	31°38.0'	1994	48°31.2'	1993	32°29.2'	2353	85°32.0'	2024	108°49.1'	2053
6	31°00.1'	1997	49°09.1'	1996	33°04.1'	2344	84°54.3'	2027	108°11.7'	2056
7	30°22.2'	2000	49°47.0'	1999	33°39.1'	2336	84°16.7'	2030	107°34.3'	2058
8	29°44.4'	2003	50°24.9'	2002	34°14.1'	2328	83°39.1'	2033	106°56.9'	2061
9	29°06.6'	2007	51°02.7'	2005	34°49.2'	2321	83°01.6'	2037	106°19.6'	2064
10	28°28.8'	2010	51°40.5'	2008	35°24.4'	2314	82°24.0'	2040	105°42.3'	2068
11	27°51.0'	2013	52°18.3'	2011	35°59.6'	2309	81°46.5'	2043	105°05.0'	2071
12	27°13.2'	2017	52°56.1'	2015	36°34.9'	2303	81°09.0'	2047	104°27.8'	2074
13	26°35.5'	2020	53°33.8'	2018	37°10.2'	2298	80°31.6'	2050	103°50.6'	2077
14	25°57.8'	2024	54°11.5'	2022	37°45.5'	2294	79°54.2'	2054	103°13.4'	2081
15	25°20.2'	2027	54°49.2'	2025	38°20.9'	2290	79°16.8'	2058	102°36.2'	2084
16	24°42.6'	2031	55°26.8'	2029	38°56.3'	2287	78°39.4'	2061	101°59.1'	2088
17	24°05.0'	2035	56°04.4'	2032	39°31.7'	2284	78°02.1'	2065	101°22.0'	2092
18	23°27.4'	2039	56°42.0'	2036	40°07.2'	2281	77°24.8'	2069	100°44.9'	2095
19	22°49.9'	2043	57°19.5'	2040	40°42.7'	2279	76°47.5'	2073	100°07.9'	2099
20	22°12.4'	2047	57°57.1'	2044	41°18.2'	2277	76°10.3'	2077	99°30.9'	2103
21	21°35.0'	2051	58°34.5'	2048	41°53.7'	2275	75°33.1'	2082	98°53.9'	2107
22	20°57.6'	2056	59°12.0'	2052	42°29.3'	2274	74°56.0'	2086	98°17.0'	2111
23	20°20.2'	2060	59°49.4'	2056	43°04.8'	2273	74°18.8'	2090	97°40.1'	2115

Thu Jan 4, 2018 UTC

UTC	−Regulus		+Aldebaran		+Betelgeuse		+Pollux		−Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	19°42.9'	2065	60°26.7'	2060	43°40.3'	2272	18°19.5'	2598	73°41.8'	2095
1	19°05.6'	2069	61°04.1'	2065	44°15.9'	2272	18°52.5'	2569	73°04.7'	2099
2	18°28.3'	2074	61°41.4'	2069	44°51.5'	2272	19°25.7'	2543	72°27.7'	2104
3	17°51.1'	2079	62°18.6'	2073	45°27.0'	2272	19°59.1'	2520	71°50.8'	2108
4	17°13.9'	2083	62°55.9'	2078	46°02.6'	2272	20°32.7'	2500	71°13.8'	2113
5	16°36.8'	2088	63°33.0'	2082	46°38.2'	2273	21°06.4'	2481	70°37.0'	2118
6	15°59.7'	2094	64°10.2'	2087	47°13.7'	2273	21°40.3'	2465	70°00.1'	2123
7	15°22.6'	2099	64°47.3'	2092	47°49.3'	2274	22°14.3'	2450	69°23.3'	2128
8	14°45.6'	2104	65°24.4'	2096	48°24.8'	2276	22°48.4'	2437	68°46.5'	2133
9	14°08.7'	2110	66°01.4'	2101	49°00.3'	2277	23°22.7'	2425	68°09.8'	2138
10	13°31.7'	2115	66°38.4'	2106	49°35.8'	2279	23°57.0'	2414	67°33.2'	2143
11	12°54.9'	2121	67°15.3'	2111	50°11.3'	2281	24°31.4'	2405	66°56.5'	2148
12	12°18.1'	2127	67°52.2'	2116	50°46.8'	2283	25°05.9'	2397	66°19.9'	2154
13	11°41.3'	2134	68°29.1'	2121	51°22.3'	2285	25°40.5'	2390	65°43.4'	2159
14	11°04.6'	2140	69°05.9'	2126	51°57.8'	2287	26°15.1'	2383	65°06.9'	2165
15	10°27.9'	2147	69°42.7'	2131	52°33.2'	2290	26°49.7'	2378	64°30.5'	2170
16	9°51.3'	2154	70°19.4'	2136	53°08.6'	2292	27°24.4'	2373	63°54.0'	2176
17	9°14.8'	2162	70°56.1'	2141	53°44.0'	2295	27°59.2'	2369	63°17.7'	2181
18	8°38.3'	2171	71°32.7'	2147	54°19.4'	2298	28°34.0'	2365	62°41.4'	2187
19	8°01.9'	2180	72°09.3'	2152	54°54.7'	2301	29°08.8'	2362	62°05.1'	2193
20	7°25.6'	2190	72°45.9'	2157	55°30.0'	2304	29°43.6'	2360	61°28.9'	2199
21	6°49.4'	2202	73°22.4'	2163	56°05.3'	2308	30°18.4'	2358	60°52.7'	2205
22	6°13.3'	2216	73°58.9'	2168	56°40.6'	2311	30°53.3'	2357	60°16.6'	2211
23	5°37.2'	2234	74°35.3'	2174	57°15.8'	2315	31°28.2'	2356	59°40.6'	2217

Fri Jan 5, 2018 UTC

UTC	−Regulus		+Pollux		−Spica		+Betelgeuse		+Procyon	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	5°01.4'	2256	32°03.0'	2356	59°04.5'	2223	57°51.1'	2318	33°17.4'	2659
1	4°25.7'	2285	32°37.9'	2355	58°28.6'	2229	58°26.2'	2322	33°49.9'	2649
2	3°50.2'	2328	33°12.8'	2356	57°52.7'	2235	59°01.4'	2326	34°22.5'	2641
3	3°15.1'	2397	33°47.7'	2356	57°16.8'	2241	59°36.5'	2330	34°55.2'	2633
4	−	−	34°22.6'	2357	56°41.0'	2248	60°11.6'	2334	35°27.9'	2626
5	−	−	34°57.4'	2358	56°05.2'	2254	60°46.7'	2338	36°00.7'	2620
6	−	−	35°32.3'	2360	55°29.5'	2261	61°21.7'	2343	36°33.5'	2614
7	−	−	36°07.1'	2361	54°53.9'	2267	61°56.7'	2347	37°06.4'	2609
8	−	−	36°42.0'	2363	54°18.3'	2274	62°31.6'	2351	37°39.3'	2604
9	−	−	37°16.8'	2365	53°42.7'	2280	63°06.5'	2356	38°12.2'	2600
10	−	−	37°51.6'	2368	53°07.2'	2287	63°41.4'	2361	38°45.2'	2596
11	−	−	38°26.4'	2370	52°31.8'	2294	64°16.2'	2365	39°18.2'	2593
12	−	−	39°01.1'	2373	51°56.4'	2301	64°51.1'	2370	39°51.2'	2591
13	2°59.7'	2417	39°35.9'	2376	51°21.1'	2308	65°25.8'	2375	40°24.3'	2588
14	3°34.1'	2377	40°10.6'	2379	50°45.8'	2315	66°00.5'	2380	40°57.3'	2587
15	4°08.8'	2354	40°45.3'	2382	50°10.6'	2322	66°35.2'	2385	41°30.4'	2585
16	4°43.7'	2340	41°20.0'	2386	49°35.5'	2329	67°09.9'	2390	42°03.5'	2584
17	5°18.7'	2333	41°54.6'	2389	49°00.4'	2336	67°44.5'	2395	42°36.6'	2583
18	5°53.7'	2329	42°29.2'	2393	48°25.3'	2343	68°19.0'	2400	43°09.7'	2583
19	6°28.8'	2328	43°03.8'	2397	47°50.3'	2350	68°53.6'	2405	43°42.8'	2582
20	7°03.9'	2329	43°38.3'	2401	47°15.4'	2358	69°28.1'	2411	44°15.9'	2582
21	7°39.0'	2330	44°12.9'	2405	46°40.6'	2365	70°02.5'	2416	44°49.0'	2583
22	8°14.1'	2333	44°47.4'	2409	46°05.7'	2372	70°36.9'	2422	45°22.1'	2583
23	8°49.2'	2336	45°21.8'	2413	45°31.0'	2380	71°11.3'	2427	45°55.2'	2584

Sat Jan 6, 2018 UTC

UTC	+Regulus		−Spica		+Pollux		+Procyon		−Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	9°24.2'	2340	44°56.3'	2387	45°56.2'	2418	46°28.3'	2585	68°23.9'	2386
1	9°59.2'	2345	44°21.7'	2395	46°30.6'	2422	47°01.4'	2587	67°49.3'	2392
2	10°34.2'	2349	43°47.1'	2403	47°05.0'	2427	47°34.4'	2588	67°14.7'	2399
3	11°09.1'	2354	43°12.6'	2411	47°39.3'	2431	48°07.5'	2590	66°40.2'	2405
4	11°44.0'	2359	42°38.2'	2419	48°13.6'	2436	48°40.6'	2592	66°05.7'	2412
5	12°18.9'	2365	42°03.8'	2426	48°47.8'	2441	49°13.6'	2594	65°31.3'	2418
6	12°53.7'	2370	41°29.5'	2434	49°22.0'	2445	49°46.6'	2596	64°56.9'	2425
7	13°28.4'	2376	40°55.2'	2443	49°56.2'	2450	50°19.6'	2599	64°22.5'	2431
8	14°03.2'	2381	40°21.0'	2451	50°30.3'	2455	50°52.6'	2601	63°48.3'	2438
9	14°37.8'	2387	39°46.9'	2459	51°04.4'	2460	51°25.6'	2604	63°14.0'	2444
10	15°12.5'	2393	39°12.9'	2467	51°38.4'	2465	51°58.5'	2607	62°39.8'	2451
11	15°47.0'	2399	38°38.9'	2476	52°12.5'	2471	52°31.4'	2610	62°05.7'	2457
12	16°21.6'	2405	38°04.9'	2484	52°46.4'	2476	53°04.3'	2613	61°31.7'	2464
13	16°56.1'	2411	37°31.1'	2493	53°20.4'	2481	53°37.2'	2616	60°57.6'	2471
14	17°30.5'	2417	36°57.3'	2502	53°54.2'	2486	54°10.1'	2619	60°23.7'	2477
15	18°04.9'	2423	36°23.5'	2511	54°28.1'	2492	54°42.9'	2623	59°49.7'	2484
16	18°39.3'	2429	35°49.9'	2520	55°01.9'	2497	55°15.7'	2626	59°15.9'	2490
17	19°13.5'	2435	35°16.3'	2529	55°35.7'	2502	55°48.4'	2630	58°42.1'	2497
18	19°47.8'	2441	34°42.8'	2538	56°09.4'	2508	56°21.2'	2634	58°08.3'	2504
19	20°22.0'	2447	34°09.3'	2548	56°43.1'	2513	56°53.9'	2638	57°34.6'	2510
20	20°56.2'	2453	33°36.0'	2557	57°16.7'	2519	57°26.6'	2642	57°00.9'	2517
21	21°30.3'	2460	33°02.7'	2567	57°50.3'	2524	57°59.3'	2646	56°27.3'	2524
22	22°04.3'	2466	32°29.4'	2577	58°23.8'	2530	58°31.9'	2650	55°53.8'	2530
23	22°38.3'	2472	31°56.3'	2587	58°57.4'	2535	59°04.5'	2654	55°20.2'	2537

Sun Jan 7, 2018 UTC

UTC	−Sun		+Regulus		−Spica		−Jupiter		+Pollux	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	113°26.8′	2818	23°12.3′	2478	31°23.2′	2597	54°46.8′	2543	59°30.8′	2541
1	112°55.4′	2825	23°46.2′	2484	30°50.2′	2608	54°13.4′	2550	60°04.2′	2547
2	112°24.1′	2832	24°20.1′	2491	30°17.3′	2618	53°40.0′	2557	60°37.6′	2552
3	111°52.8′	2839	24°53.9′	2497	29°44.5′	2629	53°06.7′	2563	61°11.0′	2558
4	111°21.6′	2846	25°27.6′	2503	29°11.7′	2640	52°33.5′	2570	61°44.3′	2564
5	110°50.5′	2852	26°01.4′	2509	28°39.1′	2652	52°00.3′	2577	62°17.5′	2569
6	110°19.4′	2859	26°35.0′	2515	28°06.5′	2663	51°27.1′	2583	62°50.7′	2575
7	109°48.3′	2866	27°08.6′	2522	27°34.0′	2675	50°54.0′	2590	63°23.9′	2581
8	109°17.3′	2873	27°42.2′	2528	27°01.6′	2688	50°21.0′	2597	63°57.0′	2586
9	108°46.3′	2879	28°15.7′	2534	26°29.3′	2701	49°48.0′	2603	64°30.1′	2592
10	108°15.4′	2886	28°49.2′	2540	25°57.0′	2714	49°15.0′	2610	65°03.1′	2598
11	107°44.5′	2893	29°22.6′	2546	25°24.9′	2727	48°42.1′	2616	65°36.1′	2603
12	107°13.7′	2899	29°56.0′	2552	24°52.9′	2741	48°09.3′	2623	66°09.0′	2609
13	106°42.9′	2906	30°29.4′	2559	24°21.0′	2756	47°36.5′	2630	66°41.9′	2615
14	106°12.2′	2913	31°02.7′	2565	23°49.2′	2771	47°03.7′	2636	67°14.8′	2620
15	105°41.5′	2919	31°35.9′	2571	23°17.5′	2787	46°31.0′	2643	67°47.6′	2626
16	105°10.9′	2926	32°09.1′	2577	22°45.9′	2803	45°58.4′	2649	68°20.4′	2632
17	104°40.3′	2932	32°42.2′	2583	22°14.4′	2820	45°25.8′	2656	68°53.1′	2638
18	104°09.7′	2939	33°15.3′	2589	21°43.1′	2838	44°53.3′	2663	69°25.8′	2643
19	103°39.3′	2946	33°48.4′	2595	21°11.9′	2857	44°20.8′	2669	69°58.5′	2649
20	103°08.8′	2952	34°21.4′	2601	20°40.8′	2877	43°48.3′	2676	70°31.1′	2655
21	102°38.4′	2959	34°54.4′	2607	20°09.9′	2898	43°15.9′	2682	71°03.6′	2660
22	102°08.0′	2965	35°27.3′	2613	19°39.1′	2920	42°43.5′	2689	71°36.1′	2666
23	101°37.7′	2971	36°00.2′	2619	19°08.4′	2943	42°11.2′	2695	72°08.6′	2672

Mon Jan 8, 2018 UTC

UTC	−Sun		+Regulus		−Spica		−Jupiter		−Mars	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	101°07.5′	2978	36°33.0′	2625	18°38.0′	2968	41°39.0′	2702	42°07.1′	2864
1	100°37.2′	2984	37°05.8′	2631	18°07.7′	2995	41°06.8′	2709	41°36.1′	2870
2	100°07.0′	2991	37°38.5′	2636	17°37.6′	3023	40°34.6′	2715	41°05.1′	2877
3	99°36.9′	2997	38°11.2′	2642	17°07.7′	3054	40°02.5′	2722	40°34.2′	2884
4	99°06.8′	3003	38°43.9′	2648	16°38.0′	3087	39°30.4′	2728	40°03.3′	2891
5	98°36.8′	3009	39°16.5′	2654	16°08.5′	3123	38°58.4′	2735	39°32.4′	2898
6	98°06.8′	3016	39°49.1′	2660	15°39.2′	3161	38°26.5′	2741	39°01.6′	2904
7	97°36.8′	3022	40°21.6′	2665	15°10.3′	3204	37°54.6′	2748	38°30.9′	2911
8	97°06.9′	3028	40°54.1′	2671	14°41.6′	3250	37°22.7′	2754	38°00.2′	2918
9	96°37.0′	3034	41°26.5′	2677	14°13.2′	3300	36°50.9′	2761	37°29.6′	2925
10	96°07.2′	3040	41°58.9′	2682	13°45.1′	3356	36°19.1′	2767	36°59.0′	2932
11	95°37.4′	3046	42°31.2′	2688	13°17.4′	3418	35°47.4′	2774	36°28.4′	2938
12	95°07.6′	3053	43°03.6′	2694	12°50.1′	3487	35°15.7′	2780	35°57.9′	2945
13	94°37.9′	3059	43°35.8′	2699	12°23.2′	3564	34°44.1′	2787	35°27.5′	2952
14	94°08.2′	3064	44°08.1′	2705	11°56.8′	3650	34°12.5′	2794	34°57.1′	2959
15	93°38.6′	3070	44°40.2′	2710	11°30.9′	3748	33°40.9′	2800	34°26.7′	2966
16	93°09.0′	3076	45°12.4′	2716	11°05.6′	3858	33°09.5′	2807	33°56.4′	2972
17	92°39.5′	3082	45°44.5′	2721	10°40.9′	3984	32°38.0′	2813	33°26.1′	2979
18	92°10.0′	3088	46°16.6′	2726	10°17.0′	4129	32°06.6′	2820	32°55.9′	2986
19	91°40.5′	3094	46°48.6′	2732	–	–	31°35.3′	2827	32°25.7′	2993
20	91°11.1′	3100	47°20.6′	2737	–	–	31°04.0′	2833	31°55.6′	3000
21	90°41.7′	3105	47°52.5′	2742	–	–	30°32.7′	2840	31°25.6′	3007
22	90°12.3′	3111	48°24.4′	2747	–	–	30°01.5′	2847	30°55.5′	3014
23	89°43.0′	3117	48°56.3′	2753	–	–	29°30.4′	2854	30°25.6′	3021

Tue Jan 9, 2018 UTC

UTC	-Sun		-Jupiter		-Mars		+Regulus		-Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	89°13.8'	3122	28°59.3'	2861	29°55.6'	3028	49°28.1'	2758	51°21.9'	2853
1	88°44.5'	3128	28°28.2'	2867	29°25.7'	3035	49°59.9'	2763	50°50.8'	2860
2	88°15.3'	3133	27°57.2'	2874	28°55.9'	3042	50°31.7'	2768	50°19.7'	2866
3	87°46.2'	3139	27°26.3'	2881	28°26.1'	3049	51°03.4'	2773	49°48.7'	2873
4	87°17.0'	3144	26°55.4'	2888	27°56.4'	3056	51°35.1'	2778	49°17.8'	2880
5	86°47.9'	3150	26°24.5'	2896	27°26.7'	3064	52°06.7'	2783	48°46.8'	2886
6	86°18.9'	3155	25°53.7'	2903	26°57.1'	3071	52°38.4'	2788	48°16.0'	2893
7	85°49.9'	3160	25°23.0'	2910	26°27.5'	3078	53°09.9'	2793	47°45.1'	2900
8	85°20.9'	3166	24°52.3'	2918	25°58.0'	3086	53°41.5'	2798	47°14.4'	2906
9	84°51.9'	3171	24°21.6'	2925	25°28.5'	3094	54°13.0'	2803	46°43.6'	2913
10	84°23.0'	3176	23°51.0'	2933	24°59.1'	3101	54°44.4'	2807	46°13.0'	2920
11	83°54.2'	3181	23°20.5'	2941	24°29.7'	3109	55°15.9'	2812	45°42.3'	2927
12	83°25.3'	3186	22°50.0'	2949	24°00.4'	3117	55°47.3'	2817	45°11.8'	2934
13	82°56.5'	3191	22°19.6'	2957	23°31.1'	3125	56°18.6'	2821	44°41.2'	2940
14	82°27.7'	3196	21°49.2'	2966	23°01.9'	3134	56°50.0'	2826	44°10.7'	2947
15	81°59.0'	3201	21°18.9'	2974	22°32.7'	3142	57°21.3'	2831	43°40.3'	2954
16	81°30.3'	3206	20°48.6'	2983	22°03.6'	3151	57°52.5'	2835	43°09.9'	2961
17	81°01.6'	3211	20°18.5'	2993	21°34.6'	3160	58°23.8'	2840	42°39.6'	2968
18	80°33.0'	3216	19°48.3'	3002	21°05.6'	3169	58°55.0'	2844	42°09.3'	2975
19	80°04.3'	3221	19°18.3'	3012	20°36.7'	3178	59°26.2'	2849	41°39.0'	2982
20	79°35.8'	3225	18°48.3'	3022	20°07.8'	3188	59°57.3'	2853	41°08.8'	2990
21	79°07.2'	3230	18°18.4'	3033	19°39.0'	3198	60°28.4'	2857	40°38.7'	2997
22	78°38.7'	3235	17°48.5'	3044	19°10.3'	3209	60°59.5'	2861	40°08.6'	3004
23	78°10.2'	3239	17°18.8'	3056	18°41.6'	3220	61°30.5'	2866	39°38.6'	3012

Wed Jan 10, 2018 UTC

UTC	-Sun		-Jupiter		-Mars		-Antares		+Regulus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	77°41.8'	3244	16°49.1'	3069	18°13.0'	3231	39°08.6'	3019	62°01.5'	2870
1	77°13.3'	3249	16°19.5'	3082	17°44.5'	3243	38°38.6'	3027	62°32.5'	2874
2	76°44.9'	3253	15°50.0'	3096	17°16.1'	3256	38°08.7'	3034	63°03.5'	2878
3	76°16.6'	3257	15°20.6'	3111	16°47.7'	3269	37°38.9'	3042	63°34.4'	2882
4	75°48.2'	3262	14°51.3'	3128	16°19.5'	3283	37°09.1'	3050	64°05.3'	2886
5	75°19.9'	3266	14°22.1'	3145	15°51.3'	3298	36°39.4'	3058	64°36.2'	2890
6	74°51.6'	3270	13°53.0'	3164	15°23.2'	3314	36°09.7'	3066	65°07.0'	2894
7	74°23.4'	3275	13°24.0'	3185	14°55.2'	3331	35°40.1'	3074	65°37.8'	2898
8	73°55.1'	3279	12°55.2'	3207	14°27.4'	3349	35°10.5'	3083	66°08.6'	2902
9	73°26.9'	3283	12°26.5'	3232	13°59.6'	3368	34°41.0'	3091	66°39.4'	2906
10	72°58.8'	3287	11°58.0'	3260	13°32.0'	3390	34°11.6'	3100	67°10.1'	2909
11	72°30.6'	3291	11°29.7'	3290	13°04.5'	3413	33°42.2'	3109	67°40.8'	2913
12	72°02.5'	3295	11°01.6'	3325	12°37.1'	3438	33°12.9'	3118	68°11.5'	2917
13	71°34.4'	3299	10°33.7'	3363	12°10.0'	3466	32°43.6'	3127	68°42.1'	2920
14	71°06.3'	3303	10°06.0'	3407	11°43.0'	3497	32°14.4'	3137	69°12.8'	2924
15	70°38.3'	3307	9°38.6'	3458	11°16.1'	3532	31°45.3'	3146	69°43.4'	2927
16	70°10.3'	3311	9°11.6'	3516	10°49.5'	3570	31°16.2'	3156	70°14.0'	2931
17	69°42.3'	3314	8°44.9'	3584	10°23.2'	3614	30°47.2'	3167	70°44.5'	2934
18	69°14.3'	3318	8°18.6'	3664	9°57.1'	3663	30°18.2'	3177	71°15.0'	2938
19	68°46.3'	3322	7°52.8'	3758	9°31.2'	3719	29°49.4'	3188	71°45.5'	2941
20	68°18.4'	3325	7°27.5'	3872	9°05.8'	3784	29°20.6'	3199	72°16.0'	2944
21	67°50.5'	3329	7°02.9'	4009	8°40.7'	3859	28°51.9'	3211	72°46.5'	2948
22	67°22.6'	3332	-	-	8°16.0'	3947	28°23.2'	3223	73°16.9'	2951
23	66°54.8'	3336	-	-	7°51.8'	4050	27°54.6'	3235	73°47.3'	2954

Thu Jan 11, 2018 UTC

UTC	−Sun		+Spica		−Antares		−Saturn		+Regulus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	66°26.9′	3339	21°31.0′	3201	27°26.2′	3248	48°18.4′	3006	74°17.7′	2957
1	65°59.1′	3343	21°59.7′	3193	26°57.8′	3262	47°48.4′	3009	74°48.1′	2960
2	65°31.3′	3346	22°28.5′	3187	26°29.4′	3276	47°18.4′	3012	75°18.4′	2963
3	65°03.6′	3349	22°57.3′	3181	26°01.2′	3290	46°48.4′	3016	75°48.8′	2966
4	64°35.8′	3352	23°26.1′	3175	25°33.1′	3305	46°18.4′	3019	76°19.1′	2969
5	64°08.1′	3356	23°55.0′	3170	25°05.1′	3321	45°48.5′	3022	76°49.4′	2972
6	63°40.4′	3359	24°23.9′	3165	24°37.1′	3338	45°18.6′	3025	77°19.6′	2975
7	63°12.7′	3362	24°52.9′	3161	24°09.3′	3355	44°48.7′	3028	77°49.9′	2978
8	62°45.0′	3365	25°21.9′	3157	23°41.6′	3373	44°18.8′	3031	78°20.1′	2981
9	62°17.4′	3368	25°50.9′	3153	23°14.0′	3393	43°48.9′	3034	78°50.3′	2983
10	61°49.8′	3371	26°19.9′	3150	22°46.5′	3413	43°19.1′	3037	79°20.5′	2986
11	61°22.1′	3374	26°48.9′	3147	22°19.2′	3434	42°49.3′	3040	79°50.6′	2989
12	60°54.6′	3377	27°18.0′	3145	21°52.0′	3457	42°19.5′	3042	80°20.8′	2991
13	60°27.0′	3379	27°47.1′	3142	21°24.9′	3481	41°49.7′	3045	80°50.9′	2994
14	59°59.4′	3382	28°16.2′	3140	20°58.0′	3506	41°19.9′	3048	81°21.0′	2997
15	59°31.9′	3385	28°45.3′	3138	20°31.2′	3533	40°50.2′	3051	81°51.1′	2999
16	59°04.4′	3388	29°14.4′	3136	20°04.6′	3562	40°20.5′	3053	82°21.2′	3001
17	58°36.9′	3390	29°43.6′	3134	19°38.2′	3592	39°50.8′	3056	82°51.3′	3004
18	58°09.4′	3393	30°12.7′	3133	19°12.0′	3625	39°21.1′	3059	83°21.3′	3006
19	57°41.9′	3395	30°41.9′	3131	18°45.9′	3660	38°51.4′	3061	83°51.3′	3008
20	57°14.4′	3398	31°11.1′	3130	18°20.1′	3698	38°21.8′	3064	84°21.4′	3011
21	56°47.0′	3400	31°40.3′	3129	17°54.5′	3738	37°52.1′	3066	84°51.4′	3013
22	56°19.6′	3403	32°09.5′	3128	17°29.1′	3782	37°22.5′	3069	85°21.3′	3015
23	55°52.2′	3405	32°38.7′	3127	17°04.0′	3829	36°52.9′	3071	85°51.3′	3017

Fri Jan 12, 2018 UTC

UTC	−Sun		−Saturn		+Spica		+Jupiter		−Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	55°24.8′	3407	36°23.3′	3074	33°07.9′	3126	8°45.9′	3603	16°39.2′	3881
1	54°57.4′	3410	35°53.8′	3076	33°37.1′	3126	9°12.1′	3552	16°14.6′	3936
2	54°30.0′	3412	35°24.2′	3078	34°06.3′	3125	9°38.5′	3508	15°50.4′	3996
3	54°02.7′	3414	34°54.7′	3081	34°35.5′	3124	10°05.3′	3470	15°26.5′	4062
4	53°35.4′	3416	34°25.2′	3083	35°04.7′	3124	10°32.3′	3438	15°02.9′	4134
5	53°08.0′	3418	33°55.7′	3085	35°33.9′	3124	10°59.5′	3409	14°39.8′	4213
6	52°40.7′	3420	33°26.2′	3088	36°03.2′	3123	11°26.8′	3385	14°17.0′	4300
7	52°13.4′	3422	32°56.7′	3090	36°32.4′	3123	11°54.4′	3363	13°54.7′	4395
8	51°46.1′	3424	32°27.2′	3092	37°01.6′	3123	12°22.0′	3344	13°32.9′	4501
9	51°18.9′	3426	31°57.8′	3094	37°30.9′	3122	12°49.8′	3327	13°11.6′	4618
10	50°51.6′	3428	31°28.4′	3096	38°00.1′	3122	13°17.7′	3312	12°50.9′	4747
11	50°24.4′	3430	30°59.0′	3099	38°29.3′	3122	13°45.7′	3299	12°30.8′	4892
12	49°57.1′	3432	30°29.6′	3101	38°58.6′	3122	14°13.7′	3287	12°11.4′	5054
13	49°29.9′	3434	30°00.2′	3103	39°27.8′	3122	14°41.9′	3277	11°52.6′	5235
14	49°02.7′	3435	29°30.8′	3105	39°57.1′	3122	15°10.1′	3267	–	–
15	48°35.5′	3437	29°01.5′	3107	40°26.3′	3122	15°38.4′	3259	–	–
16	48°08.3′	3439	28°32.1′	3109	40°55.5′	3122	16°06.7′	3251	–	–
17	47°41.1′	3440	28°02.8′	3111	41°24.8′	3122	16°35.1′	3244	–	–
18	47°13.9′	3442	27°33.5′	3113	41°54.0′	3122	17°03.5′	3238	–	–
19	46°46.8′	3443	27°04.2′	3116	42°23.3′	3122	17°32.0′	3232	–	–
20	46°19.6′	3445	26°34.9′	3118	42°52.5′	3122	18°00.5′	3227	–	–
21	45°52.5′	3446	26°05.6′	3120	43°21.7′	3122	18°29.0′	3223	–	–
22	45°25.3′	3448	25°36.4′	3122	43°51.0′	3122	18°57.6′	3218	–	–
23	44°58.2′	3449	25°07.2′	3124	44°20.2′	3122	19°26.2′	3214	–	–

Sat Jan 13, 2018 UTC

UTC	-Sun		-Saturn		+Jupiter		+Mars		+Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	44°31.1'	3450	24°37.9'	3126	19°54.8'	3211	17°14.2'	3438	44°49.5'	3122
1	44°04.0'	3452	24°08.7'	3128	20°23.5'	3207	17°41.4'	3432	45°18.7'	3122
2	43°36.9'	3453	23°39.5'	3131	20°52.1'	3204	18°08.7'	3426	45°47.9'	3122
3	43°09.8'	3454	23°10.3'	3133	21°20.8'	3202	18°35.9'	3421	46°17.2'	3122
4	42°42.7'	3455	22°41.2'	3135	21°49.5'	3199	19°03.2'	3416	46°46.4'	3122
5	42°15.6'	3456	22°12.0'	3138	22°18.2'	3197	19°30.5'	3412	47°15.7'	3122
6	41°48.5'	3458	21°42.9'	3140	22°47.0'	3194	19°57.9'	3408	47°44.9'	3122
7	41°21.5'	3459	21°13.8'	3142	23°15.7'	3192	20°25.3'	3404	48°14.1'	3122
8	40°54.4'	3460	20°44.7'	3145	23°44.5'	3190	20°52.7'	3401	48°43.4'	3122
9	40°27.4'	3461	20°15.6'	3148	24°13.3'	3189	21°20.1'	3397	49°12.6'	3122
10	40°00.3'	3462	19°46.5'	3150	24°42.1'	3187	21°47.5'	3394	49°41.8'	3122
11	39°33.3'	3463	19°17.5'	3153	25°10.9'	3186	22°15.0'	3392	50°11.1'	3122
12	39°06.3'	3464	18°48.4'	3156	25°39.7'	3184	22°42.5'	3389	50°40.3'	3122
13	38°39.2'	3464	18°19.4'	3159	26°08.5'	3183	23°10.0'	3387	51°09.5'	3122
14	38°12.2'	3465	17°50.5'	3163	26°37.4'	3181	23°37.5'	3384	51°38.8'	3122
15	37°45.2'	3466	17°21.5'	3166	27°06.2'	3180	24°05.0'	3382	52°08.0'	3122
16	37°18.2'	3467	16°52.5'	3170	27°35.0'	3179	24°32.5'	3380	52°37.2'	3122
17	36°51.2'	3468	16°23.6'	3174	28°03.9'	3178	25°00.1'	3378	53°06.5'	3122
18	36°24.2'	3468	15°54.7'	3178	28°32.8'	3177	25°27.6'	3377	53°35.7'	3122
19	35°57.2'	3469	15°25.9'	3183	29°01.6'	3176	25°55.2'	3375	54°05.0'	3122
20	35°30.2'	3470	14°57.0'	3188	29°30.5'	3175	26°22.8'	3373	54°34.2'	3122
21	35°03.2'	3470	14°28.2'	3193	29°59.4'	3174	26°50.4'	3372	55°03.4'	3122
22	34°36.2'	3471	13°59.5'	3199	30°28.3'	3173	27°18.0'	3370	55°32.7'	3122
23	34°09.2'	3472	13°30.8'	3205	30°57.2'	3172	27°45.6'	3369	56°01.9'	3122

Sun Jan 14, 2018 UTC

UTC	-Saturn		+Jupiter		+Mars		+Spica		+Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	13°02.1'	3213	31°26.1'	3172	28°13.2'	3367	56°31.1'	3122	13°34.1'	4434
1	12°33.4'	3220	31°55.0'	3171	28°40.9'	3366	57°00.4'	3122	13°55.7'	4342
2	12°04.8'	3229	32°23.9'	3170	29°08.5'	3365	57°29.6'	3121	14°17.8'	4258
3	11°36.3'	3239	32°52.8'	3169	29°36.2'	3364	57°58.9'	3121	14°40.3'	4183
4	11°07.9'	3250	33°21.7'	3169	30°03.8'	3363	58°28.1'	3121	15°03.2'	4114
5	10°39.5'	3263	33°50.7'	3168	30°31.5'	3361	58°57.4'	3121	15°26.5'	4051
6	10°11.2'	3278	34°19.6'	3167	30°59.1'	3360	59°26.6'	3121	15°50.1'	3994
7	9°43.0'	3294	34°48.5'	3166	31°26.8'	3359	59°55.8'	3120	16°14.0'	3941
8	9°14.9'	3314	35°17.5'	3166	31°54.5'	3358	60°25.1'	3120	16°38.2'	3893
9	8°46.9'	3337	35°46.4'	3165	32°22.2'	3357	60°54.3'	3120	17°02.7'	3848
10	8°19.1'	3364	36°15.4'	3164	32°49.9'	3356	61°23.6'	3120	17°27.4'	3807
11	7°51.4'	3396	36°44.3'	3164	33°17.6'	3355	61°52.8'	3119	17°52.4'	3769
12	7°24.0'	3434	37°13.3'	3163	33°45.3'	3354	62°22.1'	3119	18°17.6'	3734
13	6°56.7'	3482	37°42.2'	3162	34°13.0'	3353	62°51.4'	3119	18°43.0'	3702
14	6°29.8'	3540	38°11.2'	3162	34°40.7'	3353	63°20.6'	3118	19°08.6'	3671
15	6°03.3'	3614	38°40.2'	3161	35°08.5'	3352	63°49.9'	3118	19°34.4'	3643
16	5°37.2'	3707	39°09.2'	3160	35°36.2'	3351	64°19.1'	3118	20°00.3'	3617
17	5°11.6'	3829	39°38.1'	3160	36°03.9'	3350	64°48.4'	3117	20°26.4'	3593
18	-	-	40°07.1'	3159	36°31.7'	3349	65°17.7'	3117	20°52.6'	3570
19	-	-	40°36.1'	3158	36°59.4'	3348	65°47.0'	3117	21°19.0'	3549
20	-	-	41°05.1'	3158	37°27.2'	3347	66°16.2'	3116	21°45.5'	3529
21	-	-	41°34.1'	3157	37°54.9'	3346	66°45.5'	3116	22°12.1'	3510
22	-	-	42°03.1'	3156	38°22.7'	3345	67°14.8'	3115	22°38.8'	3492
23	-	-	42°32.1'	3156	38°50.5'	3344	67°44.1'	3115	23°05.7'	3476

Mon Jan 15, 2018 UTC

UTC	+Jupiter		+Antares		+Mars		+Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	43°01.1'	3155	23°32.6'	3460	39°18.3'	3344	68°13.4'	3114
1	43°30.2'	3154	23°59.7'	3445	39°46.0'	3343	68°42.7'	3114
2	43°59.2'	3153	24°26.8'	3431	40°13.8'	3342	69°11.9'	3113
3	44°28.2'	3153	24°54.1'	3418	40°41.6'	3341	69°41.2'	3113
4	44°57.2'	3152	25°21.4'	3406	41°09.4'	3340	70°10.5'	3112
5	45°26.3'	3151	25°48.8'	3394	41°37.2'	3339	70°39.9'	3112
6	45°55.3'	3150	26°16.2'	3382	42°05.1'	3338	71°09.2'	3111
7	46°24.4'	3150	26°43.8'	3372	42°32.9'	3337	71°38.5'	3110
8	46°53.4'	3149	27°11.4'	3362	43°00.7'	3336	72°07.8'	3110
9	47°22.5'	3148	27°39.0'	3352	43°28.5'	3335	72°37.1'	3109
10	47°51.5'	3147	28°06.8'	3343	43°56.4'	3334	73°06.4'	3109
11	48°20.6'	3146	28°34.6'	3334	44°24.2'	3334	73°35.8'	3108
12	48°49.7'	3145	29°02.4'	3325	44°52.1'	3333	74°05.1'	3107
13	49°18.8'	3145	29°30.3'	3317	45°19.9'	3332	74°34.4'	3107
14	49°47.9'	3144	29°58.3'	3309	45°47.8'	3331	75°03.8'	3106
15	50°16.9'	3143	30°26.3'	3302	46°15.6'	3330	75°33.1'	3105
16	50°46.0'	3142	30°54.3'	3295	46°43.5'	3329	76°02.5'	3104
17	51°15.1'	3141	31°22.4'	3288	47°11.4'	3328	76°31.8'	3104
18	51°44.3'	3140	31°50.5'	3282	47°39.3'	3327	77°01.2'	3103
19	52°13.4'	3139	32°18.7'	3275	48°07.2'	3326	77°30.6'	3102
20	52°42.5'	3138	32°47.0'	3269	48°35.1'	3325	77°59.9'	3101
21	53°11.6'	3137	33°15.2'	3263	49°03.0'	3324	78°29.3'	3101
22	53°40.8'	3136	33°43.5'	3258	49°30.9'	3323	78°58.7'	3100
23	54°09.9'	3135	34°11.9'	3252	49°58.8'	3322	79°28.1'	3099

Tue Jan 16, 2018 UTC

UTC	+Saturn		+Antares		+Jupiter		+Mars	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	10°57.8'	3231	34°40.2'	3247	54°39.0'	3135	50°26.7'	3320
1	11°26.4'	3220	35°08.6'	3242	55°08.2'	3134	50°54.7'	3319
2	11°54.9'	3210	35°37.1'	3237	55°37.4'	3133	51°22.6'	3318
3	12°23.6'	3201	36°05.6'	3232	56°06.5'	3131	51°50.5'	3317
4	12°52.3'	3194	36°34.1'	3227	56°35.7'	3130	52°18.5'	3316
5	13°21.1'	3186	37°02.6'	3223	57°04.9'	3129	52°46.5'	3315
6	13°49.9'	3180	37°31.2'	3218	57°34.1'	3128	53°14.4'	3314
7	14°18.7'	3174	37°59.8'	3214	58°03.3'	3127	53°42.4'	3313
8	14°47.6'	3169	38°28.4'	3210	58°32.5'	3126	54°10.4'	3312
9	15°16.5'	3163	38°57.1'	3206	59°01.7'	3125	54°38.4'	3310
10	15°45.5'	3159	39°25.7'	3202	59°30.9'	3124	55°06.4'	3309
11	16°14.5'	3154	39°54.5'	3198	60°00.1'	3123	55°34.4'	3308
12	16°43.5'	3150	40°23.2'	3194	60°29.4'	3122	56°02.4'	3307
13	17°12.6'	3146	40°51.9'	3190	60°58.6'	3121	56°30.4'	3306
14	17°41.6'	3143	41°20.7'	3187	61°27.8'	3120	56°58.4'	3304
15	18°10.7'	3139	41°49.5'	3183	61°57.1'	3118	57°26.5'	3303
16	18°39.9'	3136	42°18.4'	3180	62°26.4'	3117	57°54.5'	3302
17	19°09.0'	3133	42°47.2'	3176	62°55.6'	3116	58°22.6'	3301
18	19°38.2'	3130	43°16.1'	3173	63°24.9'	3115	58°50.6'	3299
19	20°07.4'	3127	43°45.0'	3170	63°54.2'	3114	59°18.7'	3298
20	20°36.6'	3124	44°13.9'	3166	64°23.5'	3112	59°46.8'	3297
21	21°05.8'	3121	44°42.8'	3163	64°52.8'	3111	60°14.9'	3295
22	21°35.0'	3119	45°11.8'	3160	65°22.1'	3110	60°42.9'	3294
23	22°04.3'	3116	45°40.8'	3157	65°51.4'	3109	61°11.1'	3293

Fri Jan 19, 2018 UTC

UTC	–Aldebaran		–Formalhaut		–Rigel	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	110°13.1'	2971	25°02.0'	5064	112°57.3'	3555
1	109°42.8'	2969	24°43.3'	5148	112°30.8'	3549
2	109°12.5'	2967	24°25.0'	5236	112°04.3'	3543
3	108°42.2'	2966	24°07.0'	5329	111°37.8'	3537
4	108°11.9'	2964	23°49.4'	5429	111°11.2'	3531
5	107°41.6'	2962	23°32.2'	5535	110°44.6'	3526
6	107°11.3'	2960	23°15.4'	5648	110°17.9'	3520
7	106°40.9'	2958	22°59.1'	5768	109°51.3'	3514
8	106°10.5'	2956	22°43.2'	5896	109°24.5'	3509
9	105°40.2'	2954	22°27.8'	6034	108°57.8'	3504
10	105°09.8'	2952	22°12.8'	6181	108°31.0'	3498
11	104°39.4'	2950	21°58.4'	6338	108°04.2'	3493
12	104°08.9'	2948	21°44.4'	6507	107°37.4'	3488
13	103°38.5'	2946	21°31.0'	6689	107°10.5'	3483
14	103°08.1'	2944	21°18.1'	6885	106°43.6'	3478
15	102°37.6'	2941	21°05.9'	7097	106°16.6'	3473
16	102°07.1'	2939	20°54.1'	7327	105°49.7'	3468
17	101°36.6'	2937	20°43.0'	7577	105°22.7'	3464
18	101°06.1'	2935	20°32.6'	7849	104°55.7'	3459
19	100°35.6'	2933	20°22.7'	8148	104°28.6'	3454
20	100°05.0'	2931	20°13.5'	8477	104°01.5'	3450
21	99°34.5'	2928	20°05.0'	8841	103°34.4'	3445
22	99°03.9'	2926	19°57.2'	9248	103°07.3'	3441
23	98°33.3'	2924	19°50.0'	9706	102°40.1'	3437

Sat Jan 20, 2018 UTC

UTC	–Aldebaran		–Betelgeuse		–Rigel		–Capella	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	98°02.7'	2922	115°34.8'	3044	102°12.9'	3433	109°16.3'	3492
1	97°32.1'	2919	115°05.0'	3040	101°45.7'	3428	108°49.5'	3487
2	97°01.5'	2917	114°35.3'	3037	101°18.4'	3424	108°22.6'	3481
3	96°30.8'	2915	114°05.4'	3034	100°51.2'	3420	107°55.7'	3475
4	96°00.2'	2913	113°35.6'	3030	100°23.9'	3416	107°28.7'	3470
5	95°29.5'	2910	113°05.7'	3027	99°56.5'	3412	107°01.7'	3465
6	94°58.8'	2908	112°35.9'	3024	99°29.2'	3408	106°34.7'	3459
7	94°28.1'	2905	112°05.9'	3021	99°01.8'	3404	106°07.7'	3454
8	93°57.3'	2903	111°36.0'	3017	98°34.4'	3401	105°40.6'	3449
9	93°26.6'	2901	111°06.1'	3014	98°07.0'	3397	105°13.5'	3444
10	92°55.8'	2898	110°36.1'	3011	97°39.6'	3393	104°46.3'	3439
11	92°25.0'	2896	110°06.1'	3008	97°12.1'	3390	104°19.1'	3434
12	91°54.2'	2893	109°36.1'	3005	96°44.6'	3386	103°51.9'	3429
13	91°23.4'	2891	109°06.0'	3001	96°17.1'	3383	103°24.7'	3424
14	90°52.6'	2888	108°36.0'	2998	95°49.6'	3379	102°57.4'	3419
15	90°21.7'	2885	108°05.9'	2995	95°22.0'	3376	102°30.1'	3415
16	89°50.8'	2883	107°35.8'	2992	94°54.4'	3372	102°02.8'	3410
17	89°19.9'	2880	107°05.7'	2988	94°26.8'	3369	101°35.4'	3406
18	88°49.0'	2878	106°35.5'	2985	93°59.2'	3366	101°08.0'	3401
19	88°18.1'	2875	106°05.3'	2982	93°31.6'	3363	100°40.6'	3397
20	87°47.1'	2872	105°35.1'	2979	93°03.9'	3360	100°13.1'	3392
21	87°16.2'	2870	105°04.9'	2976	92°36.2'	3356	99°45.7'	3388
22	86°45.2'	2867	104°34.7'	2972	92°08.5'	3353	99°18.2'	3384
23	86°14.2'	2864	104°04.4'	2969	91°40.8'	3350	98°50.6'	3380

Sun Jan 21, 2018 UTC

UTC	+Sun		-Aldebaran		-Betelgeuse		-Rigel	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	43°16.6'	3234	85°43.2'	2861	103°34.1'	2966	91°13.1'	3347
1	43°45.1'	3231	85°12.1'	2859	103°03.8'	2963	90°45.3'	3345
2	44°13.6'	3228	84°41.0'	2856	102°33.5'	2959	90°17.5'	3342
3	44°42.1'	3225	84°10.0'	2853	102°03.1'	2956	89°49.7'	3339
4	45°10.7'	3222	83°38.8'	2850	101°32.8'	2953	89°21.9'	3336
5	45°39.3'	3218	83°07.7'	2847	101°02.4'	2950	88°54.1'	3333
6	46°07.9'	3215	82°36.6'	2844	100°31.9'	2947	88°26.2'	3331
7	46°36.5'	3212	82°05.4'	2841	100°01.5'	2943	87°58.4'	3328
8	47°05.1'	3209	81°34.2'	2839	99°31.0'	2940	87°30.5'	3326
9	47°33.8'	3205	81°03.0'	2836	99°00.5'	2937	87°02.6'	3323
10	48°02.5'	3202	80°31.8'	2833	98°30.0'	2933	86°34.7'	3321
11	48°31.2'	3199	80°00.5'	2830	97°59.5'	2930	86°06.7'	3318
12	48°59.9'	3195	79°29.2'	2826	97°28.9'	2927	85°38.8'	3316
13	49°28.6'	3192	78°57.9'	2823	96°58.4'	2924	85°10.8'	3313
14	49°57.4'	3189	78°26.6'	2820	96°27.8'	2920	84°42.8'	3311
15	50°26.2'	3185	77°55.3'	2817	95°57.1'	2917	84°14.8'	3309
16	50°55.0'	3182	77°23.9'	2814	95°26.5'	2914	83°46.8'	3307
17	51°23.9'	3178	76°52.5'	2811	94°55.8'	2910	83°18.8'	3305
18	51°52.7'	3175	76°21.1'	2808	94°25.1'	2907	82°50.8'	3303
19	52°21.6'	3171	75°49.7'	2805	93°54.4'	2904	82°22.7'	3301
20	52°50.5'	3168	75°18.2'	2801	93°23.6'	2900	81°54.7'	3299
21	53°19.4'	3164	74°46.8'	2798	92°52.9'	2897	81°26.6'	3297
22	53°48.4'	3160	74°15.3'	2795	92°22.1'	2894	80°58.5'	3295
23	54°17.4'	3157	73°43.7'	2791	91°51.3'	2890	80°30.4'	3293

Mon Jan 22, 2018 UTC

UTC	+Sun		-Aldebaran		-Betelgeuse		-Rigel		+Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	54°46.4'	3153	73°12.2'	2788	91°20.4'	2887	80°02.3'	3292	28°04.9'	4242
1	55°15.4'	3149	72°40.6'	2785	90°49.6'	2884	79°34.2'	3290	28°27.5'	4189
2	55°44.5'	3146	72°09.0'	2781	90°18.7'	2880	79°06.1'	3288	28°50.4'	4139
3	56°13.5'	3142	71°37.4'	2778	89°47.7'	2877	78°37.9'	3287	29°13.5'	4091
4	56°42.7'	3138	71°05.7'	2775	89°16.8'	2873	78°09.8'	3285	29°36.9'	4045
5	57°11.8'	3134	70°34.1'	2771	88°45.9'	2870	77°41.6'	3284	30°00.5'	4001
6	57°40.9'	3131	70°02.4'	2768	88°14.9'	2866	77°13.5'	3283	30°24.4'	3959
7	58°10.1'	3127	69°30.6'	2764	87°43.9'	2863	76°45.3'	3281	30°48.5'	3919
8	58°39.3'	3123	68°58.9'	2761	87°12.8'	2860	76°17.1'	3280	31°12.9'	3880
9	59°08.6'	3119	68°27.1'	2757	86°41.8'	2856	75°48.9'	3279	31°37.4'	3843
10	59°37.8'	3115	67°55.3'	2753	86°10.7'	2853	75°20.7'	3278	32°02.2'	3807
11	60°07.1'	3111	67°23.5'	2750	85°39.6'	2849	74°52.5'	3277	32°27.2'	3773
12	60°36.4'	3107	66°51.6'	2746	85°08.4'	2846	74°24.3'	3276	32°52.3'	3740
13	61°05.8'	3103	66°19.7'	2743	84°37.3'	2842	73°56.1'	3275	33°17.7'	3709
14	61°35.1'	3099	65°47.8'	2739	84°06.1'	2839	73°27.8'	3275	33°43.2'	3678
15	62°04.5'	3095	65°15.9'	2735	83°34.9'	2835	72°59.6'	3274	34°09.0'	3649
16	62°33.9'	3091	64°43.9'	2731	83°03.6'	2832	72°31.4'	3273	34°34.8'	3621
17	63°03.4'	3087	64°12.0'	2728	82°32.4'	2828	72°03.1'	3273	35°00.9'	3594
18	63°32.9'	3083	63°39.9'	2724	82°01.1'	2825	71°34.9'	3272	35°27.1'	3567
19	64°02.4'	3078	63°07.9'	2720	81°29.8'	2821	71°06.7'	3272	35°53.5'	3542
20	64°31.9'	3074	62°35.8'	2716	80°58.5'	2818	70°38.4'	3272	36°20.1'	3517
21	65°01.5'	3070	62°03.7'	2712	80°27.1'	2814	70°10.2'	3272	36°46.8'	3493
22	65°31.1'	3066	61°31.6'	2708	79°55.7'	2810	69°41.9'	3272	37°13.6'	3470
23	66°00.7'	3061	60°59.4'	2704	79°24.3'	2807	69°13.7'	3272	37°40.6'	3448

Tue Jan 23, 2018 UTC

UTC	+Sun		-Aldebaran		-Betelgeuse		+Formalhaut		-Pollux	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	66°30.3'	3057	60°27.2'	2701	78°52.9'	2803	38°07.7'	3427	104°29.6'	2752
1	67°00.0'	3053	59°55.0'	2697	78°21.4'	2800	38°35.0'	3406	103°57.7'	2748
2	67°29.7'	3048	59°22.8'	2693	77°49.9'	2796	39°02.4'	3385	103°25.9'	2744
3	67°59.5'	3044	58°50.5'	2689	77°18.4'	2793	39°29.9'	3366	102°54.0'	2740
4	68°29.2'	3040	58°18.2'	2685	76°46.8'	2789	39°57.5'	3347	102°22.0'	2735
5	68°59.0'	3035	57°45.8'	2680	76°15.3'	2785	40°25.3'	3328	101°50.1'	2731
6	69°28.8'	3031	57°13.5'	2676	75°43.7'	2782	40°53.2'	3310	101°18.1'	2727
7	69°58.7'	3026	56°41.1'	2672	75°12.1'	2778	41°21.2'	3292	100°46.1'	2723
8	70°28.6'	3022	56°08.7'	2668	74°40.4'	2775	41°49.3'	3275	100°14.0'	2718
9	70°58.5'	3017	55°36.2'	2664	74°08.7'	2771	42°17.5'	3258	99°41.9'	2714
10	71°28.5'	3012	55°03.7'	2660	73°37.0'	2767	42°45.8'	3242	99°09.8'	2710
11	71°58.5'	3008	54°31.2'	2656	73°05.3'	2764	43°14.3'	3226	98°37.7'	2705
12	72°28.5'	3003	53°58.6'	2651	72°33.6'	2760	43°42.8'	3211	98°05.5'	2701
13	72°58.5'	2999	53°26.0'	2647	72°01.8'	2757	44°11.5'	3196	97°33.3'	2696
14	73°28.6'	2994	52°53.4'	2643	71°30.0'	2753	44°40.2'	3181	97°01.0'	2692
15	73°58.7'	2989	52°20.8'	2638	70°58.2'	2749	45°09.1'	3166	96°28.7'	2688
16	74°28.9'	2985	51°48.1'	2634	70°26.3'	2746	45°38.0'	3152	95°56.4'	2683
17	74°59.0'	2980	51°15.4'	2630	69°54.4'	2742	46°07.0'	3139	95°24.1'	2679
18	75°29.3'	2975	50°42.6'	2625	69°22.5'	2739	46°36.2'	3125	94°51.7'	2674
19	75°59.5'	2970	50°09.9'	2621	68°50.6'	2735	47°05.4'	3112	94°19.3'	2670
20	76°29.8'	2965	49°37.0'	2617	68°18.6'	2732	47°34.7'	3099	93°46.8'	2665
21	77°00.1'	2961	49°04.2'	2612	67°46.6'	2728	48°04.1'	3086	93°14.4'	2661
22	77°30.4'	2956	48°31.3'	2608	67°14.6'	2725	48°33.6'	3074	92°41.8'	2656
23	78°00.8'	2951	47°58.4'	2603	66°42.6'	2721	49°03.1'	3062	92°09.3'	2652

Wed Jan 24, 2018 UTC

UTC	+Sun		-Aldebaran		-Betelgeuse		+Formalhaut		-Pollux	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	78°31.2'	2946	47°25.4'	2599	66°10.5'	2717	49°32.8'	3050	91°36.7'	2647
1	79°01.7'	2941	46°52.5'	2594	65°38.4'	2714	50°02.5'	3038	91°04.1'	2643
2	79°32.2'	2936	46°19.4'	2590	65°06.3'	2710	50°32.3'	3026	90°31.4'	2638
3	80°02.7'	2931	45°46.4'	2585	64°34.1'	2707	51°02.2'	3015	89°58.8'	2634
4	80°33.2'	2926	45°13.3'	2580	64°02.0'	2704	51°32.2'	3004	89°26.0'	2629
5	81°03.8'	2921	44°40.2'	2576	63°29.8'	2700	52°02.2'	2993	88°53.3'	2624
6	81°34.4'	2916	44°07.0'	2571	62°57.6'	2697	52°32.3'	2982	88°20.5'	2620
7	82°05.1'	2911	43°33.8'	2566	62°25.3'	2693	53°02.5'	2971	87°47.7'	2615
8	82°35.8'	2906	43°00.6'	2562	61°53.0'	2690	53°32.8'	2961	87°14.8'	2610
9	83°06.5'	2901	42°27.3'	2557	61°20.7'	2687	54°03.2'	2951	86°41.9'	2606
10	83°37.3'	2895	41°54.0'	2552	60°48.4'	2683	54°33.6'	2941	86°09.0'	2601
11	84°08.1'	2890	41°20.7'	2548	60°16.1'	2680	55°04.1'	2931	85°36.0'	2596
12	84°38.9'	2885	40°47.3'	2543	59°43.7'	2677	55°34.6'	2921	85°03.0'	2592
13	85°09.8'	2880	40°13.9'	2538	59°11.3'	2674	56°05.2'	2911	84°30.0'	2587
14	85°40.7'	2875	39°40.5'	2533	58°38.9'	2670	56°35.9'	2901	83°56.9'	2582
15	86°11.7'	2870	39°07.0'	2529	58°06.4'	2667	57°06.7'	2892	83°23.8'	2578
16	86°42.7'	2864	38°33.5'	2524	57°34.0'	2664	57°37.5'	2883	82°50.7'	2573
17	87°13.7'	2859	37°59.9'	2519	57°01.5'	2661	58°08.4'	2874	82°17.5'	2568
18	87°44.8'	2854	37°26.3'	2514	56°29.0'	2658	58°39.4'	2864	81°44.3'	2564
19	88°15.9'	2849	36°52.7'	2509	55°56.4'	2655	59°10.4'	2856	81°11.0'	2559
20	88°47.0'	2843	36°19.0'	2504	55°23.9'	2652	59°41.5'	2847	80°37.8'	2554
21	89°18.2'	2838	35°45.3'	2500	54°51.3'	2650	60°12.6'	2838	80°04.4'	2549
22	89°49.4'	2833	35°11.6'	2495	54°18.7'	2647	60°43.9'	2829	79°31.1'	2545
23	90°20.6'	2827	34°37.8'	2490	53°46.1'	2644	61°15.1'	2821	78°57.7'	2540

Thu Jan 25, 2018 UTC

UTC	+Sun		-Aldebaran		-Betelgeuse		-Pollux		+Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	90°51.9'	2822	34°04.0'	2485	53°13.5'	2641	78°24.2'	2535	61°46.5'	2812
1	91°23.3'	2817	33°30.1'	2480	52°40.8'	2639	77°50.8'	2530	62°17.9'	2804
2	91°54.6'	2811	32°56.2'	2475	52°08.1'	2636	77°17.3'	2526	62°49.3'	2796
3	92°26.0'	2806	32°22.3'	2470	51°35.4'	2634	76°43.7'	2521	63°20.9'	2788
4	92°57.5'	2800	31°48.3'	2465	51°02.7'	2632	76°10.2'	2516	63°52.4'	2779
5	93°29.0'	2795	31°14.3'	2460	50°30.0'	2629	75°36.5'	2512	64°24.1'	2772
6	94°00.5'	2789	30°40.2'	2455	49°57.2'	2627	75°02.9'	2507	64°55.8'	2764
7	94°32.1'	2784	30°06.2'	2450	49°24.5'	2625	74°29.2'	2502	65°27.5'	2756
8	95°03.7'	2779	29°32.0'	2445	48°51.7'	2623	73°55.5'	2497	65°59.3'	2748
9	95°35.3'	2773	28°57.9'	2440	48°18.9'	2621	73°21.7'	2493	66°31.2'	2740
10	96°07.0'	2768	28°23.6'	2435	47°46.1'	2620	72°47.9'	2488	67°03.1'	2733
11	96°38.7'	2762	27°49.4'	2430	47°13.2'	2618	72°14.1'	2483	67°35.1'	2725
12	97°10.5'	2757	27°15.1'	2425	46°40.4'	2617	71°40.2'	2479	68°07.1'	2718
13	97°42.3'	2751	26°40.8'	2420	46°07.6'	2615	71°06.3'	2474	68°39.2'	2711
14	98°14.1'	2746	26°06.4'	2415	45°34.7'	2614	70°32.4'	2469	69°11.4'	2703
15	98°46.0'	2740	25°32.0'	2410	45°01.8'	2613	69°58.4'	2464	69°43.6'	2696
16	99°17.9'	2735	24°57.6'	2405	44°29.0'	2612	69°24.4'	2460	70°15.8'	2689
17	99°49.9'	2729	24°23.1'	2400	43°56.1'	2612	68°50.3'	2455	70°48.1'	2682
18	100°21.9'	2724	23°48.6'	2395	43°23.2'	2611	68°16.2'	2451	71°20.5'	2675
19	100°54.0'	2718	23°14.0'	2390	42°50.3'	2611	67°42.1'	2446	71°52.9'	2668
20	101°26.0'	2713	22°39.4'	2385	42°17.4'	2611	67°07.9'	2441	72°25.3'	2661
21	101°58.2'	2707	22°04.7'	2380	41°44.5'	2611	66°33.7'	2437	72°57.9'	2654
22	102°30.3'	2702	21°30.1'	2375	41°11.7'	2611	65°59.5'	2432	73°30.4'	2648
23	103°02.5'	2696	20°55.3'	2370	40°38.8'	2612	65°25.2'	2428	74°03.0'	2641

Fri Jan 26, 2018 UTC

UTC	+Sun		-Aldebaran		-Betelgeuse		-Pollux		+Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	103°34.8'	2691	20°20.6'	2365	40°05.9'	2613	64°50.9'	2423	74°35.7'	2634
1	104°07.1'	2685	19°45.8'	2360	39°33.0'	2614	64°16.6'	2419	75°08.4'	2628
2	104°39.4'	2680	19°10.9'	2355	39°00.1'	2615	63°42.2'	2414	75°41.2'	2621
3	105°11.8'	2674	18°36.0'	2351	38°27.3'	2617	63°07.8'	2410	76°14.0'	2615
4	105°44.2'	2669	18°01.1'	2346	37°54.4'	2619	62°33.3'	2405	76°46.8'	2609
5	106°16.6'	2664	17°26.2'	2341	37°21.6'	2622	61°58.8'	2401	77°19.7'	2602
6	106°49.1'	2658	16°51.2'	2336	36°48.8'	2624	61°24.3'	2397	77°52.7'	2596
7	107°21.7'	2653	16°16.1'	2331	36°16.0'	2628	60°49.8'	2392	78°25.7'	2590
8	107°54.2'	2647	15°41.0'	2327	35°43.2'	2631	60°15.2'	2388	78°58.8'	2584
9	108°26.9'	2642	15°05.9'	2322	35°10.5'	2635	59°40.6'	2384	79°31.9'	2578
10	108°59.5'	2636	14°30.8'	2317	34°37.8'	2640	59°05.9'	2380	80°05.0'	2572
11	109°32.2'	2631	13°55.6'	2313	34°05.1'	2645	58°31.2'	2376	80°38.2'	2566
12	110°05.0'	2626	13°20.4'	2308	33°32.5'	2650	57°56.5'	2371	81°11.4'	2560
13	110°37.7'	2620	12°45.1'	2304	32°59.9'	2657	57°21.7'	2367	81°44.7'	2554
14	111°10.6'	2615	12°09.8'	2299	32°27.4'	2664	56°47.0'	2363	82°18.0'	2549
15	111°43.4'	2609	11°34.5'	2295	31°54.9'	2671	56°12.1'	2359	82°51.4'	2543
16	112°16.3'	2604	10°59.1'	2291	31°22.4'	2679	55°37.3'	2355	83°24.8'	2537
17	112°49.3'	2599	10°23.7'	2287	30°50.1'	2688	55°02.4'	2352	83°58.2'	2532
18	113°22.2'	2593	9°48.2'	2283	30°17.8'	2698	54°27.5'	2348	84°31.7'	2527
19	113°55.3'	2588	9°12.8'	2280	29°45.5'	2709	53°52.5'	2344	85°05.3'	2521
20	114°28.3'	2583	8°37.3'	2277	29°13.4'	2721	53°17.6'	2340	85°38.8'	2516
21	115°01.4'	2578	8°01.8'	2274	28°41.3'	2734	52°42.6'	2337	86°12.5'	2511
22	115°34.6'	2572	7°26.2'	2272	28°09.3'	2748	52°07.5'	2333	86°46.1'	2506
23	116°07.8'	2567	6°50.7'	2271	27°37.5'	2763	51°32.5'	2330	87°19.8'	2500

Sat Jan 27, 2018 UTC

UTC	+Sun		-Aldebaran		-Pollux		-Betelgeuse		+Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	116°41.0'	2562	6°15.1'	2271	50°57.4'	2326	27°05.7'	2780	87°53.5'	2495
1	117°14.2'	2557	5°39.5'	2273	50°22.3'	2323	26°34.1'	2798	88°27.3'	2491
2	117°47.5'	2552	5°04.0'	2277	49°47.1'	2320	26°02.6'	2818	89°01.1'	2486
3	118°20.9'	2547	4°28.5'	2286	49°11.9'	2316	25°31.2'	2839	89°35.0'	2481
4	118°54.3'	2542	3°53.0'	2302	48°36.7'	2313	24°60.0'	2862	90°08.9'	2476
5	119°27.7'	2537	3°17.7'	2332	48°01.5'	2310	24°29.0'	2888	90°42.8'	2472
6	120°01.1'	2532	2°42.6'	2390	47°26.3'	2307	23°58.1'	2916	91°16.8'	2467
7	120°34.6'	2527	-	-	46°51.0'	2305	23°27.4'	2946	91°50.8'	2463
8	121°08.2'	2522	-	-	46°15.7'	2302	22°57.0'	2979	92°24.8'	2458
9	121°41.7'	2517	-	-	45°40.4'	2299	22°26.8'	3015	92°58.9'	2454
10	122°15.4'	2512	-	-	45°05.1'	2297	21°56.8'	3054	93°33.0'	2450
11	122°49.0'	2507	-	-	44°29.7'	2294	21°27.1'	3097	94°07.1'	2446
12	123°22.7'	2502	-	-	43°54.3'	2292	20°57.7'	3144	94°41.3'	2442
13	123°56.4'	2497	-	-	43°18.9'	2290	20°28.6'	3196	95°15.5'	2438
14	124°30.2'	2493	-	-	42°43.5'	2288	19°59.9'	3253	95°49.7'	2434
15	125°04.0'	2488	2°52.7'	2274	42°08.1'	2286	19°31.5'	3315	96°23.9'	2430
16	125°37.8'	2483	3°28.3'	2240	41°32.7'	2285	19°03.5'	3384	96°58.2'	2426
17	126°11.7'	2479	4°04.1'	2218	40°57.2'	2283	18°36.0'	3460	97°32.6'	2423
18	126°45.6'	2474	4°40.1'	2202	40°21.7'	2282	18°08.9'	3543	98°06.9'	2419
19	127°19.5'	2469	5°16.2'	2189	39°46.3'	2281	17°42.4'	3636	98°41.3'	2416
20	127°53.5'	2465	5°52.5'	2179	39°10.8'	2280	17°16.4'	3738	99°15.7'	2413
21	128°27.5'	2460	6°28.8'	2170	38°35.3'	2279	16°51.1'	3852	99°50.1'	2409
22	129°01.6'	2456	7°05.2'	2163	37°59.8'	2279	16°26.4'	3980	100°24.6'	2406
23	129°35.7'	2452	7°41.7'	2156	37°24.3'	2279	16°02.4'	4121	100°59.0'	2403

Sun Jan 28, 2018 UTC

UTC	+Aldebaran		-Pollux		-Procyon		-Regulus		+Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	8°18.2'	2150	36°48.8'	2278	38°48.6'	2505	71°52.0'	2138	101°33.5'	2400
1	8°54.8'	2144	36°13.3'	2279	38°14.9'	2511	71°15.4'	2134	102°08.1'	2398
2	9°31.4'	2139	35°37.8'	2279	37°41.2'	2518	70°38.7'	2130	102°42.6'	2395
3	10°08.1'	2134	35°02.3'	2280	37°07.6'	2525	70°01.9'	2126	103°17.2'	2392
4	10°44.8'	2129	34°26.8'	2281	36°34.1'	2533	69°25.1'	2122	103°51.8'	2390
5	11°21.5'	2125	33°51.3'	2282	36°00.6'	2542	68°48.3'	2118	104°26.4'	2388
6	11°58.3'	2120	33°15.8'	2284	35°27.2'	2551	68°11.5'	2114	105°01.0'	2386
7	12°35.1'	2116	32°40.3'	2286	34°53.8'	2561	67°34.6'	2111	105°35.6'	2383
8	13°12.0'	2112	32°04.9'	2289	34°20.6'	2572	66°57.7'	2107	106°10.3'	2382
9	13°48.9'	2108	31°29.5'	2292	33°47.4'	2584	66°20.8'	2103	106°45.0'	2380
10	14°25.8'	2104	30°54.1'	2295	33°14.3'	2596	65°43.8'	2100	107°19.6'	2378
11	15°02.8'	2100	30°18.7'	2299	32°41.3'	2610	65°06.8'	2096	107°54.3'	2377
12	15°39.8'	2096	29°43.4'	2303	32°08.4'	2624	64°29.8'	2093	108°29.1'	2375
13	16°16.8'	2093	29°08.1'	2308	31°35.6'	2640	63°52.7'	2090	109°03.8'	2374
14	16°53.9'	2089	28°32.8'	2314	31°02.9'	2657	63°15.6'	2086	109°38.5'	2373
15	17°30.9'	2086	27°57.6'	2320	30°30.4'	2675	62°38.5'	2083	110°13.3'	2372
16	18°08.1'	2082	27°22.4'	2327	29°58.0'	2694	62°01.4'	2080	110°48.0'	2371
17	18°45.2'	2079	26°47.3'	2335	29°25.7'	2715	61°24.2'	2077	111°22.8'	2370
18	19°22.4'	2076	26°12.3'	2343	28°53.6'	2738	60°47.0'	2074	111°57.5'	2370
19	19°59.6'	2072	25°37.3'	2353	28°21.7'	2762	60°09.8'	2071	112°32.3'	2369
20	20°36.8'	2069	25°02.4'	2363	27°49.9'	2789	59°32.6'	2068	113°07.1'	2369
21	21°14.1'	2066	24°27.6'	2375	27°18.3'	2817	58°55.3'	2065	113°41.8'	2369
22	21°51.4'	2063	23°52.8'	2388	26°47.0'	2847	58°18.0'	2062	114°16.6'	2369
23	22°28.7'	2060	23°18.2'	2402	26°15.8'	2880	57°40.7'	2059	114°51.4'	2370

Mon Jan 29, 2018 UTC

UTC	+Aldebaran		-Pollux		-Regulus		-Procyon		-Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	23°06.0'	2058	22°43.7'	2417	57°03.3'	2057	25°44.9'	2915	110°46.0'	2093
1	23°43.4'	2055	22°09.3'	2435	56°26.0'	2054	25°14.2'	2954	110°08.9'	2090
2	24°20.7'	2052	21°35.0'	2454	55°48.6'	2051	24°43.8'	2995	109°31.8'	2087
3	24°58.2'	2050	21°00.9'	2475	55°11.2'	2049	24°13.7'	3040	108°54.7'	2084
4	25°35.6'	2047	20°27.0'	2498	54°33.7'	2046	23°43.9'	3088	108°17.6'	2082
5	26°13.0'	2045	19°53.2'	2524	53°56.3'	2044	23°14.5'	3141	107°40.4'	2079
6	26°50.5'	2042	19°19.7'	2552	53°18.8'	2042	22°45.4'	3198	107°03.3'	2076
7	27°28.0'	2040	18°46.4'	2584	52°41.3'	2040	22°16.6'	3259	106°26.1'	2074
8	28°05.5'	2038	18°13.3'	2619	52°03.8'	2037	21°48.3'	3327	105°48.9'	2072
9	28°43.0'	2036	17°40.4'	2659	51°26.2'	2035	21°20.4'	3400	105°11.6'	2069
10	29°20.6'	2034	17°07.9'	2703	50°48.7'	2033	20°53.0'	3480	104°34.4'	2067
11	29°58.1'	2032	16°35.7'	2752	50°11.1'	2031	20°26.1'	3567	103°57.1'	2065
12	30°35.7'	2030	16°03.9'	2807	49°33.5'	2029	19°59.7'	3663	103°19.8'	2063
13	31°13.3'	2028	15°32.4'	2870	48°55.9'	2028	19°33.9'	3768	102°42.5'	2061
14	31°50.9'	2026	15°01.4'	2940	48°18.3'	2026	19°08.7'	3883	102°05.1'	2059
15	32°28.6'	2024	14°31.0'	3020	47°40.7'	2024	18°44.1'	4009	101°27.8'	2057
16	33°06.2'	2023	14°01.0'	3111	47°03.0'	2023	18°20.3'	4149	100°50.4'	2055
17	33°43.9'	2021	13°31.7'	3215	46°25.4'	2021	–	–	100°13.0'	2054
18	34°21.6'	2020	13°03.1'	3333	45°47.7'	2020	–	–	99°35.7'	2052
19	34°59.2'	2018	–	–	45°10.0'	2018	–	–	98°58.2'	2051
20	35°36.9'	2017	–	–	44°32.3'	2017	–	–	98°20.8'	2049
21	36°14.7'	2016	–	–	43°54.6'	2016	–	–	97°43.4'	2048
22	36°52.4'	2015	–	–	43°16.9'	2015	–	–	97°06.0'	2047
23	37°30.1'	2013	–	–	42°39.2'	2014	–	–	96°28.5'	2046

Tue Jan 30, 2018 UTC

UTC	+Aldebaran		-Regulus		+Betelgeuse		-Spica		-Arcturus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	38°07.8'	2012	42°01.4'	2013	23°15.3'	2725	95°51.0'	2045	96°40.2'	2472
1	38°45.6'	2012	41°23.7'	2012	23°47.4'	2689	95°13.6'	2044	96°06.3'	2470
2	39°23.4'	2011	40°45.9'	2011	24°19.7'	2656	94°36.1'	2043	95°32.3'	2468
3	40°01.1'	2010	40°08.2'	2011	24°52.2'	2625	93°58.6'	2042	94°58.3'	2467
4	40°38.9'	2009	39°30.4'	2010	25°25.0'	2597	93°21.1'	2041	94°24.3'	2465
5	41°16.7'	2009	38°52.7'	2009	25°58.0'	2570	92°43.6'	2041	93°50.3'	2464
6	41°54.4'	2008	38°14.9'	2009	26°31.2'	2545	92°06.1'	2040	93°16.3'	2463
7	42°32.2'	2008	37°37.1'	2009	27°04.6'	2522	91°28.6'	2040	92°42.2'	2462
8	43°10.0'	2007	36°59.3'	2008	27°38.2'	2501	90°51.1'	2039	92°08.2'	2462
9	43°47.8'	2007	36°21.5'	2008	28°11.9'	2481	90°13.6'	2039	91°34.2'	2461
10	44°25.6'	2007	35°43.7'	2008	28°45.8'	2462	89°36.0'	2039	91°00.1'	2461
11	45°03.4'	2007	35°06.0'	2008	29°19.8'	2444	88°58.5'	2039	90°26.1'	2460
12	45°41.2'	2007	34°28.2'	2008	29°54.0'	2428	88°21.0'	2039	89°52.0'	2460
13	46°19.0'	2007	33°50.4'	2008	30°28.3'	2412	87°43.5'	2039	89°18.0'	2461
14	46°56.8'	2007	33°12.6'	2008	31°02.7'	2398	87°06.0'	2039	88°43.9'	2461
15	47°34.6'	2007	32°34.8'	2009	31°37.3'	2384	86°28.5'	2039	88°09.9'	2462
16	48°12.4'	2008	31°57.0'	2009	32°11.9'	2372	85°50.9'	2040	87°35.8'	2462
17	48°50.2'	2008	31°19.3'	2010	32°46.7'	2360	85°13.4'	2040	87°01.8'	2463
18	49°28.0'	2009	30°41.5'	2010	33°21.5'	2349	84°35.9'	2041	86°27.8'	2464
19	50°05.8'	2009	30°03.7'	2011	33°56.5'	2338	83°58.4'	2042	85°53.8'	2466
20	50°43.5'	2010	29°25.9'	2012	34°31.5'	2329	83°20.9'	2042	85°19.8'	2467
21	51°21.3'	2010	28°48.2'	2012	35°06.6'	2320	82°43.4'	2043	84°45.8'	2469
22	51°59.1'	2011	28°10.4'	2013	35°41.8'	2311	82°05.9'	2044	84°11.8'	2471
23	52°36.8'	2012	27°32.7'	2014	36°17.0'	2303	81°28.5'	2045	83°37.8'	2473

Wed Jan 31, 2018 UTC

UTC	−Regulus		+Aldebaran		+Betelgeuse		−Spica		−Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	26°55.0′	2016	53°14.6′	2013	36°52.3′	2296	80°51.0′	2046	107°57.0′	2056
1	26°17.3′	2017	53°52.3′	2014	37°27.7′	2289	80°13.5′	2047	107°19.6′	2057
2	25°39.5′	2018	54°30.1′	2015	38°03.1′	2282	79°36.1′	2049	106°42.2′	2058
3	25°01.8′	2019	55°07.8′	2017	38°38.6′	2276	78°58.7′	2050	106°04.9′	2060
4	24°24.2′	2021	55°45.5′	2018	39°14.1′	2271	78°21.2′	2052	105°27.6′	2061
5	23°46.5′	2023	56°23.2′	2019	39°49.7′	2266	77°43.8′	2053	104°50.2′	2062
6	23°08.8′	2024	57°00.9′	2021	40°25.3′	2261	77°06.4′	2055	104°12.9′	2064
7	22°31.2′	2026	57°38.6′	2022	41°00.9′	2256	76°29.1′	2057	103°35.6′	2065
8	21°53.5′	2028	58°16.2′	2024	41°36.6′	2252	75°51.7′	2058	102°58.3′	2067
9	21°15.9′	2030	58°53.9′	2026	42°12.3′	2249	75°14.3′	2060	102°21.0′	2068
10	20°38.3′	2032	59°31.5′	2028	42°48.1′	2245	74°37.0′	2062	101°43.8′	2070
11	20°00.7′	2034	60°09.1′	2030	43°23.9′	2242	73°59.7′	2065	101°06.5′	2072
12	19°23.2′	2036	60°46.7′	2032	43°59.7′	2239	73°22.4′	2067	100°29.3′	2074
13	18°45.6′	2039	61°24.3′	2034	44°35.5′	2237	72°45.1′	2069	99°52.0′	2076
14	18°08.1′	2041	62°01.9′	2036	45°11.3′	2235	72°07.8′	2072	99°14.8′	2078
15	17°30.6′	2044	62°39.4′	2038	45°47.2′	2233	71°30.6′	2074	98°37.7′	2080
16	16°53.1′	2047	63°16.9′	2040	46°23.1′	2231	70°53.4′	2077	98°00.5′	2082
17	16°15.7′	2050	63°54.5′	2043	46°59.0′	2230	70°16.2′	2079	97°23.3′	2085
18	15°38.3′	2053	64°31.9′	2045	47°34.9′	2228	69°39.0′	2082	96°46.2′	2087
19	15°00.9′	2056	65°09.4′	2048	48°10.8′	2227	69°01.9′	2085	96°09.1′	2090
20	14°23.5′	2059	65°46.8′	2050	48°46.7′	2227	68°24.7′	2088	95°32.0′	2092
21	13°46.2′	2063	66°24.3′	2053	49°22.7′	2226	67°47.6′	2091	94°55.0′	2095
22	13°08.8′	2067	67°01.7′	2056	49°58.6′	2226	67°10.6′	2094	94°17.9′	2098
23	12°31.6′	2071	67°39.0′	2059	50°34.6′	2225	66°33.5′	2097	93°40.9′	2100