

Fri Jun 1, 2018 UTC

UTC	−Mars		+Antares		+Jupiter		+Spica		−Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	28°36.7'	3163	28°08.0'	3270	51°38.9'	3007	73°17.0'	3065	60°26.2'	3350
1	28°07.7'	3165	28°36.2'	3264	52°08.9'	3008	73°46.7'	3067	59°58.5'	3355
2	27°38.8'	3168	29°04.5'	3259	52°38.9'	3010	74°16.3'	3068	59°30.8'	3360
3	27°09.8'	3170	29°32.8'	3253	53°09.0'	3011	74°45.9'	3069	59°03.1'	3365
4	26°40.9'	3173	30°01.2'	3248	53°38.9'	3012	75°15.5'	3071	58°35.5'	3370
5	26°12.0'	3175	30°29.6'	3244	54°08.9'	3014	75°45.1'	3072	58°07.9'	3375
6	25°43.1'	3178	30°58.0'	3239	54°38.9'	3015	76°14.6'	3073	57°40.3'	3380
7	25°14.3'	3180	31°26.5'	3235	55°08.9'	3016	76°44.2'	3074	57°12.7'	3386
8	24°45.4'	3183	31°55.0'	3231	55°38.8'	3017	77°13.8'	3076	56°45.2'	3391
9	24°16.6'	3186	32°23.5'	3227	56°08.8'	3019	77°43.3'	3077	56°17.7'	3396
10	23°47.8'	3188	32°52.0'	3224	56°38.7'	3020	78°12.9'	3078	55°50.3'	3402
11	23°19.0'	3191	33°20.6'	3221	57°08.7'	3021	78°42.4'	3079	55°22.9'	3407
12	22°50.2'	3194	33°49.2'	3217	57°38.6'	3022	79°11.9'	3081	54°55.5'	3413
13	22°21.5'	3197	34°17.8'	3214	58°08.5'	3023	79°41.4'	3082	54°28.1'	3419
14	21°52.7'	3200	34°46.4'	3212	58°38.4'	3024	80°11.0'	3083	54°00.8'	3425
15	21°24.0'	3204	35°15.0'	3209	59°08.3'	3025	80°40.5'	3084	53°33.6'	3431
16	20°55.3'	3207	35°43.7'	3206	59°38.2'	3027	81°09.9'	3085	53°06.3'	3437
17	20°26.6'	3210	36°12.4'	3204	60°08.1'	3028	81°39.4'	3086	52°39.1'	3443
18	19°58.0'	3214	36°41.1'	3201	60°38.0'	3029	82°08.9'	3087	52°12.0'	3450
19	19°29.4'	3218	37°09.8'	3199	61°07.9'	3030	82°38.4'	3088	51°44.9'	3456
20	19°00.8'	3222	37°38.5'	3197	61°37.7'	3031	83°07.9'	3089	51°17.8'	3463
21	18°32.2'	3226	38°07.2'	3195	62°07.6'	3031	83°37.3'	3090	50°50.8'	3469
22	18°03.6'	3230	38°36.0'	3193	62°37.4'	3032	84°06.8'	3091	50°23.8'	3476
23	17°35.1'	3235	39°04.8'	3191	63°07.3'	3033	84°36.2'	3092	49°56.8'	3483

Sat Jun 2, 2018 UTC

UTC	+Saturn		−Mars		+Antares		+Jupiter		−Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	11°30.8'	3081	17°06.6'	3240	39°33.5'	3189	63°37.1'	3034	49°29.9'	3491
1	12°00.3'	3078	16°38.2'	3245	40°02.3'	3188	64°07.0'	3035	49°03.1'	3498
2	12°29.9'	3076	16°09.8'	3251	40°31.1'	3186	64°36.8'	3036	48°36.2'	3506
3	12°59.4'	3074	15°41.4'	3257	40°59.9'	3184	65°06.6'	3036	48°09.5'	3513
4	13°29.0'	3072	15°13.0'	3264	41°28.7'	3183	65°36.4'	3037	47°42.8'	3521
5	13°58.6'	3071	14°44.7'	3271	41°57.6'	3181	66°06.3'	3038	47°16.1'	3529
6	14°28.1'	3070	14°16.5'	3279	42°26.4'	3180	66°36.1'	3039	46°49.5'	3538
7	14°57.7'	3069	13°48.3'	3287	42°55.3'	3179	67°05.9'	3039	46°22.9'	3546
8	15°27.3'	3068	13°20.1'	3297	43°24.1'	3177	67°35.7'	3040	45°56.4'	3555
9	15°56.9'	3067	12°52.0'	3307	43°53.0'	3176	68°05.5'	3040	45°29.9'	3564
10	16°26.5'	3066	12°24.0'	3318	44°21.9'	3175	68°35.3'	3041	45°03.5'	3573
11	16°56.2'	3066	11°56.1'	3331	44°50.8'	3173	69°05.1'	3042	44°37.2'	3583
12	17°25.8'	3065	11°28.2'	3346	45°19.7'	3172	69°34.8'	3042	44°10.9'	3592
13	17°55.4'	3065	11°00.4'	3362	45°48.6'	3171	70°04.6'	3043	43°44.6'	3602
14	18°25.0'	3064	10°32.8'	3381	46°17.5'	3170	70°34.4'	3043	43°18.4'	3613
15	18°54.7'	3064	10°05.2'	3402	46°46.4'	3169	71°04.2'	3043	42°52.3'	3623
16	19°24.3'	3063	9°37.8'	3426	47°15.3'	3167	71°33.9'	3044	42°26.3'	3634
17	19°53.9'	3063	9°10.6'	3455	47°44.2'	3166	72°03.7'	3044	42°00.3'	3645
18	20°23.6'	3063	8°43.5'	3488	48°13.2'	3165	72°33.5'	3044	41°34.4'	3657
19	20°53.2'	3062	8°16.6'	3527	48°42.1'	3164	73°03.3'	3045	41°08.5'	3669
20	21°22.9'	3062	7°50.0'	3573	49°11.1'	3163	73°33.0'	3045	40°42.8'	3681
21	21°52.5'	3061	7°23.6'	3629	49°40.1'	3162	74°02.8'	3045	40°17.0'	3694
22	22°22.1'	3061	6°57.6'	3697	50°09.0'	3161	74°32.5'	3045	39°51.4'	3707
23	22°51.8'	3061	6°32.0'	3781	50°38.0'	3160	75°02.3'	3045	39°25.9'	3721

Sun Jun 3, 2018 UTC

UTC	+Saturn		-Mars		+Antares		+Jupiter		-Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	23°21.5'	3060	6°06.9'	3885	51°07.0'	3158	75°32.1'	3045	39°00.4'	3735
1	23°51.1'	3060	5°42.3'	4016	51°36.0'	3157	76°01.8'	3045	38°35.0'	3749
2	24°20.8'	3060	–	–	52°05.0'	3156	76°31.6'	3045	38°09.7'	3764
3	24°50.4'	3059	–	–	52°34.0'	3155	77°01.3'	3045	37°44.5'	3780
4	25°20.1'	3059	–	–	53°03.0'	3154	77°31.1'	3045	37°19.4'	3796
5	25°49.8'	3058	–	–	53°32.0'	3153	78°00.9'	3045	36°54.3'	3813
6	26°19.4'	3058	–	–	54°01.1'	3152	78°30.6'	3045	36°29.4'	3830
7	26°49.1'	3057	–	–	54°30.1'	3151	79°00.4'	3045	36°04.5'	3848
8	27°18.8'	3057	–	–	54°59.2'	3149	79°30.1'	3045	35°39.8'	3867
9	27°48.5'	3056	–	–	55°28.2'	3148	79°59.9'	3044	35°15.2'	3886
10	28°18.1'	3056	–	–	55°57.3'	3147	80°29.7'	3044	34°50.7'	3907
11	28°47.8'	3055	–	–	56°26.3'	3146	80°59.4'	3044	34°26.3'	3928
12	29°17.5'	3054	–	–	56°55.4'	3145	81°29.2'	3043	34°02.0'	3949
13	29°47.2'	3054	–	–	57°24.5'	3143	81°59.0'	3043	33°37.8'	3972
14	30°16.9'	3053	–	–	57°53.6'	3142	82°28.8'	3042	33°13.8'	3996
15	30°46.6'	3052	–	–	58°22.7'	3141	82°58.5'	3042	32°49.8'	4021
16	31°16.3'	3052	–	–	58°51.8'	3139	83°28.3'	3041	32°26.1'	4046
17	31°46.1'	3051	–	–	59°20.9'	3138	83°58.1'	3041	32°02.4'	4073
18	32°15.8'	3050	–	–	59°50.1'	3137	84°27.9'	3040	31°39.0'	4101
19	32°45.5'	3049	–	–	60°19.2'	3135	84°57.7'	3039	31°15.6'	4131
20	33°15.2'	3048	–	–	60°48.4'	3134	85°27.5'	3039	30°52.4'	4162
21	33°45.0'	3047	5°46.6'	3854	61°17.5'	3133	85°57.3'	3038	30°29.4'	4194
22	34°14.7'	3046	6°11.4'	3753	61°46.7'	3131	86°27.1'	3037	30°06.6'	4227
23	34°44.5'	3045	6°36.6'	3671	62°15.9'	3130	86°56.9'	3036	29°43.9'	4262

Mon Jun 4, 2018 UTC

UTC	+Saturn		+Mars		+Antares		+Jupiter		-Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	35°14.2'	3044	7°02.4'	3604	62°45.1'	3128	87°26.7'	3035	29°21.4'	4299
1	35°44.0'	3043	7°28.6'	3549	63°14.2'	3127	87°56.6'	3034	28°59.1'	4338
2	36°13.8'	3042	7°55.1'	3503	63°43.5'	3125	88°26.4'	3034	28°37.0'	4379
3	36°43.6'	3041	8°21.8'	3464	64°12.7'	3123	88°56.2'	3033	28°15.1'	4421
4	37°13.4'	3040	8°48.9'	3431	64°41.9'	3122	89°26.1'	3031	27°53.5'	4466
5	37°43.2'	3038	9°16.1'	3402	65°11.1'	3120	89°55.9'	3030	27°32.0'	4513
6	38°13.0'	3037	9°43.5'	3377	65°40.4'	3118	90°25.8'	3029	27°10.8'	4563
7	38°42.8'	3036	10°11.1'	3356	66°09.7'	3117	90°55.7'	3028	26°49.8'	4615
8	39°12.6'	3034	10°38.8'	3336	66°38.9'	3115	91°25.6'	3027	26°29.1'	4670
9	39°42.4'	3033	11°06.6'	3319	67°08.2'	3113	91°55.4'	3026	26°08.6'	4728
10	40°12.3'	3031	11°34.6'	3304	67°37.5'	3111	92°25.3'	3024	25°48.4'	4789
11	40°42.1'	3030	12°02.6'	3290	68°06.8'	3110	92°55.2'	3023	25°28.5'	4854
12	41°12.0'	3028	12°30.7'	3278	68°36.1'	3108	93°25.2'	3021	25°08.9'	4922
13	41°41.9'	3027	12°58.9'	3266	69°05.5'	3106	93°55.1'	3020	24°49.5'	4995
14	42°11.8'	3025	13°27.2'	3256	69°34.8'	3104	94°25.0'	3018	24°30.6'	5071
15	42°41.7'	3023	13°55.6'	3246	70°04.2'	3102	94°55.0'	3017	24°11.9'	5152
16	43°11.6'	3022	14°24.0'	3238	70°33.6'	3100	95°24.9'	3015	23°53.6'	5239
17	43°41.5'	3020	14°52.5'	3229	71°02.9'	3098	95°54.9'	3014	23°35.6'	5330
18	44°11.4'	3018	15°21.0'	3222	71°32.3'	3096	96°24.9'	3012	23°18.0'	5427
19	44°41.4'	3016	15°49.6'	3214	72°01.8'	3094	96°54.8'	3010	23°00.8'	5530
20	45°11.3'	3014	16°18.2'	3207	72°31.2'	3091	97°24.8'	3008	22°44.0'	5640
21	45°41.3'	3012	16°46.8'	3201	73°00.6'	3089	97°54.9'	3007	22°27.7'	5757
22	46°11.3'	3010	17°15.6'	3195	73°30.1'	3087	98°24.9'	3005	22°11.7'	5882
23	46°41.3'	3008	17°44.3'	3189	73°59.6'	3085	98°54.9'	3003	21°56.2'	6016

Tue Jun 5, 2018 UTC

UTC	−Sun		+Mars		+Saturn		+Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	109°43.1′	3402	18°13.1′	3183	47°11.3′	3006	74°29.1′	3082
1	109°15.6′	3400	18°41.9′	3178	47°41.3′	3004	74°58.6′	3080
2	108°48.2′	3397	19°10.8′	3172	48°11.4′	3002	75°28.1′	3078
3	108°20.8′	3395	19°39.7′	3167	48°41.4′	3000	75°57.6′	3075
4	107°53.3′	3392	20°08.6′	3162	49°11.5′	2997	76°27.2′	3073
5	107°25.8′	3390	20°37.6′	3157	49°41.6′	2995	76°56.8′	3070
6	106°58.3′	3387	21°06.6′	3153	50°11.7′	2993	77°26.3′	3068
7	106°30.8′	3384	21°35.6′	3148	50°41.8′	2990	77°55.9′	3065
8	106°03.3′	3382	22°04.7′	3143	51°12.0′	2988	78°25.6′	3063
9	105°35.8′	3379	22°33.8′	3139	51°42.1′	2985	78°55.2′	3060
10	105°08.2′	3376	23°02.9′	3135	52°12.3′	2983	79°24.9′	3057
11	104°40.6′	3373	23°32.1′	3130	52°42.5′	2980	79°54.5′	3054
12	104°13.0′	3370	24°01.3′	3126	53°12.7′	2977	80°24.2′	3052
13	103°45.4′	3367	24°30.5′	3122	53°42.9′	2975	80°54.0′	3049
14	103°17.8′	3364	24°59.7′	3117	54°13.2′	2972	81°23.7′	3046
15	102°50.1′	3361	25°29.0′	3113	54°43.4′	2969	81°53.5′	3043
16	102°22.5′	3358	25°58.3′	3109	55°13.7′	2966	82°23.2′	3040
17	101°54.8′	3355	26°27.6′	3105	55°44.0′	2963	82°53.0′	3037
18	101°27.1′	3351	26°57.0′	3100	56°14.4′	2960	83°22.8′	3034
19	100°59.3′	3348	27°26.3′	3096	56°44.7′	2957	83°52.7′	3031
20	100°31.6′	3345	27°55.8′	3092	57°15.1′	2954	84°22.5′	3028
21	100°03.8′	3341	28°25.2′	3088	57°45.5′	2951	84°52.4′	3025
22	99°36.0′	3338	28°54.7′	3084	58°15.9′	2948	85°22.3′	3022
23	99°08.2′	3334	29°24.2′	3080	58°46.3′	2945	85°52.2′	3018

Wed Jun 6, 2018 UTC

UTC	−Sun		+Mars		+Saturn		+Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	98°40.3′	3331	29°53.7′	3075	59°16.8′	2942	86°22.2′	3015
1	98°12.5′	3327	30°23.2′	3071	59°47.2′	2938	86°52.1′	3012
2	97°44.6′	3324	30°52.8′	3067	60°17.7′	2935	87°22.1′	3008
3	97°16.7′	3320	31°22.4′	3063	60°48.3′	2932	87°52.1′	3005
4	96°48.7′	3316	31°52.1′	3058	61°18.8′	2928	88°22.2′	3002
5	96°20.8′	3312	32°21.7′	3054	61°49.4′	2925	88°52.2′	2998
6	95°52.8′	3309	32°51.4′	3050	62°20.0′	2921	89°22.3′	2995
7	95°24.8′	3305	33°21.2′	3046	62°50.6′	2918	89°52.4′	2991
8	94°56.7′	3301	33°50.9′	3041	63°21.2′	2914	90°22.6′	2988
9	94°28.7′	3297	34°20.7′	3037	63°51.9′	2911	90°52.7′	2984
10	94°00.6′	3293	34°50.5′	3032	64°22.6′	2907	91°22.9′	2980
11	93°32.5′	3289	35°20.4′	3028	64°53.3′	2903	91°53.1′	2977
12	93°04.4′	3285	35°50.3′	3024	65°24.1′	2899	92°23.4′	2973
13	92°36.2′	3280	36°20.2′	3019	65°54.9′	2895	92°53.6′	2969
14	92°08.0′	3276	36°50.1′	3015	66°25.7′	2892	93°23.9′	2965
15	91°39.8′	3272	37°20.1′	3010	66°56.5′	2888	93°54.2′	2961
16	91°11.5′	3267	37°50.1′	3005	67°27.4′	2884	94°24.6′	2957
17	90°43.3′	3263	38°20.1′	3001	67°58.2′	2880	94°54.9′	2953
18	90°15.0′	3259	38°50.2′	2996	68°29.2′	2876	95°25.3′	2950
19	89°46.6′	3254	39°20.3′	2992	69°00.1′	2872	95°55.7′	2946
20	89°18.3′	3250	39°50.4′	2987	69°31.1′	2867	96°26.2′	2941
21	88°49.9′	3245	40°20.6′	2982	70°02.1′	2863	96°56.7′	2937
22	88°21.4′	3241	40°50.8′	2977	70°33.1′	2859	97°27.2′	2933
23	87°53.0′	3236	41°21.0′	2973	71°04.2′	2855	97°57.7′	2929

Thu Jun 7, 2018 UTC

UTC	−Sun		+Mars		+Saturn		+Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	87°24.5′	3231	41°51.3′	2968	71°35.3′	2850	98°28.3′	2925
1	86°56.0′	3226	42°21.6′	2963	72°06.4′	2846	98°58.9′	2921
2	86°27.5′	3222	42°51.9′	2958	72°37.6′	2842	99°29.5′	2917
3	85°58.9′	3217	43°22.2′	2953	73°08.8′	2837	100°00.2′	2912
4	85°30.3′	3212	43°52.6′	2948	73°40.0′	2833	100°30.8′	2908
5	85°01.6′	3207	44°23.1′	2943	74°11.2′	2828	101°01.6′	2904
6	84°33.0′	3202	44°53.5′	2938	74°42.5′	2824	101°32.3′	2899
7	84°04.3′	3197	45°24.0′	2933	75°13.8′	2819	102°03.1′	2895
8	83°35.5′	3192	45°54.6′	2928	75°45.2′	2814	102°33.9′	2890
9	83°06.7′	3187	46°25.2′	2923	76°16.6′	2810	103°04.7′	2886
10	82°37.9′	3182	46°55.8′	2918	76°48.0′	2805	103°35.6′	2881
11	82°09.1′	3176	47°26.4′	2912	77°19.4′	2800	104°06.5′	2877
12	81°40.2′	3171	47°57.1′	2907	77°50.9′	2795	104°37.4′	2872
13	81°11.3′	3166	48°27.8′	2902	78°22.4′	2790	105°08.4′	2868
14	80°42.4′	3161	48°58.6′	2897	78°54.0′	2785	105°39.4′	2863
15	80°13.4′	3155	49°29.4′	2891	79°25.6′	2781	106°10.4′	2858
16	79°44.4′	3150	50°00.2′	2886	79°57.2′	2776	106°41.5′	2854
17	79°15.3′	3145	50°31.1′	2880	80°28.9′	2771	107°12.6′	2849
18	78°46.2′	3139	51°02.0′	2875	81°00.6′	2766	107°43.7′	2844
19	78°17.1′	3134	51°32.9′	2870	81°32.3′	2760	108°14.9′	2840
20	77°48.0′	3128	52°03.9′	2864	82°04.1′	2755	108°46.1′	2835
21	77°18.8′	3122	52°35.0′	2859	82°35.9′	2750	109°17.4′	2830
22	76°49.5′	3117	53°06.0′	2853	83°07.8′	2745	109°48.6′	2825
23	76°20.3′	3111	53°37.1′	2847	83°39.7′	2740	110°19.9′	2820

Fri Jun 8, 2018 UTC

UTC	−Sun		+Mars		+Saturn		+Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	75°50.9′	3106	54°08.3′	2842	84°11.6′	2735	31°25.6′	3776
1	75°21.6′	3100	54°39.5′	2836	84°43.6′	2729	31°50.7′	3740
2	74°52.2′	3094	55°10.7′	2830	85°15.6′	2724	32°16.1′	3706
3	74°22.8′	3088	55°42.0′	2825	85°47.6′	2719	32°41.7′	3673
4	73°53.3′	3082	56°13.3′	2819	86°19.7′	2713	33°07.4′	3641
5	73°23.8′	3077	56°44.6′	2813	86°51.8′	2708	33°33.4′	3610
6	72°54.3′	3071	57°16.0′	2807	87°24.0′	2702	33°59.5′	3581
7	72°24.7′	3065	57°47.4′	2802	87°56.2′	2697	34°25.8′	3552
8	71°55.1′	3059	58°18.9′	2796	88°28.4′	2691	34°52.3′	3524
9	71°25.4′	3053	58°50.4′	2790	89°00.7′	2686	35°18.9′	3498
10	70°55.7′	3047	59°22.0′	2784	89°33.1′	2680	35°45.7′	3472
11	70°25.9′	3041	59°53.6′	2778	90°05.4′	2675	36°12.7′	3446
12	69°56.1′	3035	60°25.3′	2772	90°37.8′	2669	36°39.9′	3422
13	69°26.3′	3029	60°57.0′	2766	91°10.3′	2663	37°07.1′	3398
14	68°56.4′	3023	61°28.7′	2760	91°42.8′	2658	37°34.6′	3375
15	68°26.5′	3017	62°00.5′	2754	92°15.3′	2652	38°02.2′	3353
16	67°56.6′	3011	62°32.3′	2748	92°47.9′	2646	38°29.9′	3331
17	67°26.6′	3004	63°04.2′	2742	93°20.5′	2641	38°57.8′	3310
18	66°56.5′	2998	63°36.1′	2736	93°53.2′	2635	39°25.8′	3289
19	66°26.4′	2992	64°08.0′	2730	94°25.9′	2629	39°53.9′	3269
20	65°56.3′	2986	64°40.0′	2724	94°58.6′	2623	40°22.2′	3250
21	65°26.1′	2979	65°12.1′	2718	95°31.4′	2618	40°50.5′	3231
22	64°55.9′	2973	65°44.2′	2711	96°04.3′	2612	41°19.1′	3212
23	64°25.7′	2967	66°16.3′	2705	96°37.2′	2606	41°47.7′	3194

Sat Jun 9, 2018 UTC

UTC	−Sun		+Mars		+Formalhaut		+Saturn	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	63°55.4′	2961	66°48.5′	2699	42°16.5′	3176	97°10.1′	2600
1	63°25.0′	2954	67°20.7′	2693	42°45.3′	3159	97°43.1′	2594
2	62°54.6′	2948	67°53.0′	2687	43°14.3′	3142	98°16.1′	2588
3	62°24.2′	2942	68°25.3′	2680	43°43.4′	3125	98°49.1′	2582
4	61°53.7′	2935	68°57.7′	2674	44°12.7′	3109	99°22.2′	2576
5	61°23.2′	2929	69°30.1′	2668	44°42.0′	3093	99°55.4′	2570
6	60°52.6′	2923	70°02.6′	2662	45°11.4′	3078	100°28.6′	2564
7	60°22.0′	2916	70°35.1′	2655	45°41.0′	3062	101°01.8′	2558
8	59°51.4′	2910	71°07.6′	2649	46°10.6′	3047	101°35.1′	2552
9	59°20.7′	2903	71°40.2′	2643	46°40.3′	3033	102°08.5′	2546
10	58°49.9′	2897	72°12.9′	2636	47°10.2′	3018	102°41.9′	2540
11	58°19.1′	2891	72°45.6′	2630	47°40.1′	3004	103°15.3′	2534
12	57°48.3′	2884	73°18.3′	2624	48°10.2′	2990	103°48.8′	2528
13	57°17.4′	2878	73°51.1′	2617	48°40.3′	2977	104°22.3′	2522
14	56°46.5′	2871	74°23.9′	2611	49°10.5′	2963	104°55.8′	2516
15	56°15.5′	2865	74°56.8′	2605	49°40.9′	2950	105°29.5′	2510
16	55°44.5′	2858	75°29.8′	2598	50°11.3′	2937	106°03.1′	2504
17	55°13.4′	2852	76°02.8′	2592	50°41.8′	2925	106°36.8′	2498
18	54°42.3′	2846	76°35.8′	2586	51°12.4′	2912	107°10.6′	2492
19	54°11.1′	2839	77°08.9′	2579	51°43.1′	2900	107°44.4′	2486
20	53°39.9′	2833	77°42.0′	2573	52°13.8′	2888	108°18.2′	2480
21	53°08.7′	2826	78°15.2′	2566	52°44.7′	2876	108°52.1′	2474
22	52°37.4′	2820	78°48.4′	2560	53°15.6′	2864	109°26.1′	2468
23	52°06.0′	2813	79°21.7′	2554	53°46.7′	2853	110°00.1′	2461

Sun Jun 10, 2018 UTC

UTC	−Sun		+Formalhaut		+Mars		+Saturn	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	51°34.6′	2807	54°17.8′	2841	79°55.0′	2547	110°34.1′	2455
1	51°03.2′	2801	54°49.0′	2830	80°28.4′	2541	111°08.2′	2449
2	50°31.7′	2794	55°20.2′	2819	81°01.8′	2535	111°42.4′	2443
3	50°00.2′	2788	55°51.6′	2808	81°35.3′	2528	112°16.5′	2437
4	49°28.6′	2782	56°23.0′	2798	82°08.8′	2522	112°50.8′	2431
5	48°57.0′	2775	56°54.5′	2787	82°42.4′	2516	113°25.0′	2425
6	48°25.3′	2769	57°26.1′	2777	83°16.0′	2509	113°59.4′	2419
7	47°53.6′	2763	57°57.8′	2766	83°49.7′	2503	114°33.7′	2413
8	47°21.9′	2756	58°29.5′	2756	84°23.4′	2497	115°08.2′	2407
9	46°50.0′	2750	59°01.3′	2746	84°57.1′	2490	115°42.6′	2401
10	46°18.2′	2744	59°33.2′	2736	85°31.0′	2484	116°17.2′	2395
11	45°46.3′	2738	60°05.1′	2726	86°04.8′	2478	116°51.7′	2389
12	45°14.4′	2732	60°37.2′	2717	86°38.7′	2472	117°26.3′	2383
13	44°42.4′	2725	61°09.3′	2707	87°12.7′	2465	118°01.0′	2377
14	44°10.3′	2719	61°41.4′	2698	87°46.7′	2459	118°35.7′	2371
15	43°38.2′	2713	62°13.7′	2689	88°20.8′	2453	119°10.5′	2365
16	43°06.1′	2707	62°46.0′	2680	88°54.9′	2447	119°45.3′	2359
17	42°34.0′	2701	63°18.4′	2671	89°29.0′	2441	120°20.1′	2353
18	42°01.7′	2695	63°50.8′	2662	90°03.2′	2435	120°55.0′	2347
19	41°29.5′	2689	64°23.3′	2653	90°37.5′	2429	121°30.0′	2342
20	40°57.2′	2683	64°55.9′	2644	91°11.8′	2422	122°05.0′	2336
21	40°24.8′	2677	65°28.5′	2636	91°46.1′	2416	122°40.0′	2330
22	39°52.4′	2672	66°01.2′	2627	92°20.5′	2410	123°15.1′	2324
23	39°20.0′	2666	66°34.0′	2619	92°55.0′	2404	123°50.2′	2318

Mon Jun 11, 2018 UTC

UTC	+Formalhaut		+Mars		+Altair		+Achernar	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	67°06.8'	2611	93°29.5'	2398	100°47.1'	2927	68°50.9'	5697
1	67°39.7'	2603	94°04.0'	2392	101°17.6'	2923	69°07.0'	5663
2	68°12.7'	2595	94°38.6'	2386	101°48.2'	2920	69°23.3'	5629
3	68°45.7'	2587	95°13.2'	2381	102°18.9'	2917	69°39.8'	5595
4	69°18.7'	2579	95°47.9'	2375	102°49.5'	2914	69°56.3'	5563
5	69°51.9'	2571	96°22.6'	2369	103°20.2'	2912	70°13.0'	5531
6	70°25.1'	2563	96°57.4'	2363	103°50.9'	2909	70°29.8'	5500
7	70°58.3'	2556	97°32.2'	2357	104°21.6'	2907	70°46.7'	5469
8	71°31.6'	2549	98°07.1'	2351	104°52.3'	2905	71°03.7'	5439
9	72°05.0'	2541	98°42.0'	2346	105°23.1'	2903	71°20.8'	5409
10	72°38.4'	2534	99°17.0'	2340	105°53.8'	2901	71°38.1'	5381
11	73°11.9'	2527	99°52.0'	2335	106°24.6'	2899	71°55.5'	5352
12	73°45.4'	2520	100°27.0'	2329	106°55.3'	2898	72°13.0'	5325
13	74°19.0'	2513	101°02.1'	2323	107°26.1'	2897	72°30.6'	5298
14	74°52.7'	2506	101°37.3'	2318	107°56.9'	2896	72°48.3'	5271
15	75°26.3'	2500	102°12.5'	2312	108°27.7'	2895	73°06.1'	5245
16	76°00.1'	2493	102°47.7'	2307	108°58.5'	2894	73°24.1'	5220
17	76°33.9'	2487	103°23.0'	2302	109°29.3'	2894	73°42.1'	5195
18	77°07.7'	2480	103°58.3'	2296	110°00.2'	2894	74°00.2'	5171
19	77°41.6'	2474	104°33.6'	2291	110°31.0'	2894	74°18.5'	5147
20	78°15.6'	2468	105°09.0'	2286	111°01.8'	2894	74°36.8'	5124
21	78°49.6'	2462	105°44.5'	2281	111°32.6'	2895	74°55.3'	5101
22	79°23.6'	2456	106°20.0'	2275	112°03.4'	2896	75°13.8'	5079
23	79°57.7'	2450	106°55.5'	2270	112°34.2'	2897	75°32.4'	5057

Tue Jun 12, 2018 UTC

UTC	+Formalhaut		+Mars		+Altair		+Achernar	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	80°31.8'	2444	107°31.1'	2265	113°05.0'	2898	75°51.2'	5036
1	81°06.0'	2438	108°06.7'	2260	113°35.8'	2900	76°10.0'	5016
2	81°40.2'	2433	108°42.3'	2255	114°06.6'	2902	76°28.9'	4996
3	82°14.5'	2427	109°18.0'	2251	114°37.3'	2904	76°47.9'	4976
4	82°48.8'	2422	109°53.8'	2246	115°08.1'	2906	77°07.0'	4957
5	83°23.1'	2417	110°29.6'	2241	115°38.8'	2909	77°26.1'	4938
6	83°57.5'	2411	111°05.4'	2236	116°09.5'	2912	77°45.4'	4920
7	84°32.0'	2406	111°41.2'	2232	116°40.2'	2915	78°04.7'	4902
8	85°06.5'	2401	112°17.1'	2227	117°10.9'	2919	78°24.1'	4885
9	85°41.0'	2397	112°53.0'	2223	117°41.5'	2923	78°43.6'	4868
10	86°15.5'	2392	113°29.0'	2218	118°12.1'	2928	79°03.1'	4852
11	86°50.1'	2387	114°05.0'	2214	118°42.7'	2932	79°22.8'	4836
12	87°24.7'	2383	114°41.1'	2209	119°13.2'	2938	79°42.5'	4821
13	87°59.4'	2378	115°17.1'	2205	119°43.7'	2943	80°02.2'	4806
14	88°34.1'	2374	115°53.2'	2201	120°14.2'	2949	80°22.1'	4792
15	89°08.8'	2370	116°29.4'	2197	120°44.6'	2955	80°42.0'	4778
16	89°43.6'	2366	117°05.6'	2193	121°15.0'	2962	81°02.0'	4764
17	90°18.4'	2362	117°41.8'	2189	121°45.3'	2969	81°22.0'	4751
18	90°53.2'	2358	118°18.0'	2185	122°15.6'	2977	81°42.1'	4738
19	91°28.1'	2354	118°54.3'	2181	122°45.9'	2985	82°02.2'	4726
20	92°03.0'	2351	119°30.6'	2177	123°16.0'	2994	82°22.5'	4714
21	92°37.9'	2347	120°07.0'	2173	123°46.1'	3003	82°42.7'	4703
22	93°12.9'	2344	120°43.4'	2170	124°16.2'	3013	83°03.0'	4692
23	93°47.8'	2341	121°19.8'	2166	124°46.2'	3023	83°23.4'	4682

Wed Jun 13, 2018 UTC

UTC	+Formalhaut		+Achernar	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	94°22.8'	2337	83°43.8'	4672
1	94°57.9'	2334	84°04.3'	4662
2	95°32.9'	2332	84°24.8'	4653
3	96°08.0'	2329	84°45.3'	4644
4	96°43.1'	2326	85°05.9'	4636
5	97°18.2'	2324	85°26.6'	4628
6	97°53.3'	2321	85°47.2'	4621
7	98°28.5'	2319	86°07.9'	4614
8	99°03.7'	2317	86°28.7'	4607
9	99°38.9'	2315	86°49.5'	4601
10	100°14.1'	2313	87°10.3'	4595
11	100°49.3'	2311	87°31.1'	4590
12	101°24.5'	2310	87°51.9'	4585
13	101°59.8'	2308	88°12.8'	4580
14	102°35.1'	2307	88°33.7'	4576
15	103°10.3'	2306	88°54.6'	4573
16	103°45.6'	2305	89°15.6'	4570
17	104°20.9'	2304	89°36.5'	4567
18	104°56.2'	2303	89°57.5'	4565
19	105°31.5'	2302	90°18.5'	4563
20	106°06.8'	2302	90°39.4'	4561
21	106°42.2'	2302	91°00.4'	4560
22	107°17.5'	2301	91°21.4'	4560
23	107°52.8'	2301	91°42.4'	4560

Fri Jun 15, 2018 UTC

UTC	-Regulus		-Venus		-Pollux		-Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	49°41.9'	2022	21°15.3'	2396	15°47.1'	2671	103°32.8'	2055
1	49°04.2'	2023	20°40.8'	2398	15°14.6'	2726	102°55.4'	2055
2	48°26.5'	2023	20°06.2'	2400	14°42.6'	2789	102°18.1'	2055
3	47°48.9'	2024	19°31.7'	2402	14°11.0'	2859	101°40.7'	2055
4	47°11.2'	2024	18°57.2'	2405	13°40.0'	2939	101°03.3'	2056
5	46°33.6'	2025	18°22.7'	2407	13°09.5'	3031	100°25.9'	2056
6	45°55.9'	2025	17°48.2'	2410	12°39.6'	3136	99°48.6'	2057
7	45°18.3'	2026	17°13.8'	2414	–	–	99°11.2'	2057
8	44°40.7'	2027	16°39.4'	2418	–	–	98°33.8'	2058
9	44°03.1'	2028	16°05.0'	2422	–	–	97°56.5'	2059
10	43°25.4'	2029	15°30.6'	2426	–	–	97°19.1'	2059
11	42°47.8'	2030	14°56.3'	2432	–	–	96°41.8'	2060
12	42°10.2'	2031	14°22.0'	2437	–	–	96°04.4'	2061
13	41°32.7'	2033	13°47.8'	2444	–	–	95°27.1'	2063
14	40°55.1'	2034	13°13.6'	2451	–	–	94°49.8'	2064
15	40°17.5'	2035	12°39.5'	2459	–	–	94°12.5'	2065
16	39°40.0'	2037	12°05.4'	2468	–	–	93°35.2'	2066
17	39°02.4'	2039	11°31.5'	2479	–	–	92°57.9'	2068
18	38°24.9'	2040	10°57.6'	2491	–	–	92°20.6'	2069
19	37°47.4'	2042	10°23.7'	2505	–	–	91°43.4'	2071
20	37°09.9'	2044	9°50.0'	2522	–	–	91°06.1'	2073
21	36°32.4'	2046	9°16.5'	2541	–	–	90°28.9'	2074
22	35°55.0'	2048	8°43.0'	2564	–	–	89°51.7'	2076
23	35°17.5'	2050	8°09.8'	2592	–	–	89°14.5'	2078

Sat Jun 16, 2018 UTC

UTC	–Regulus		–Venus		–Spica		–Jupiter	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	34°40.1'	2052	7°36.8'	2626	88°37.3'	2080	108°49.4'	2037
1	34°02.7'	2054	7°04.0'	2669	88°00.1'	2082	108°11.8'	2039
2	33°25.3'	2056	6°31.5'	2723	87°23.0'	2084	107°34.3'	2041
3	32°47.9'	2059	5°59.5'	2794	86°45.9'	2086	106°56.8'	2043
4	32°10.6'	2061	5°28.0'	2887	86°08.7'	2089	106°19.3'	2046
5	31°33.2'	2064	–	–	85°31.7'	2091	105°41.9'	2048
6	30°55.9'	2066	–	–	84°54.6'	2093	105°04.4'	2050
7	30°18.7'	2069	–	–	84°17.5'	2096	104°27.0'	2052
8	29°41.4'	2072	–	–	83°40.5'	2099	103°49.6'	2055
9	29°04.2'	2074	–	–	83°03.5'	2101	103°12.2'	2057
10	28°26.9'	2077	–	–	82°26.5'	2104	102°34.9'	2060
11	27°49.7'	2080	–	–	81°49.5'	2107	101°57.5'	2063
12	27°12.6'	2083	–	–	81°12.6'	2110	101°20.2'	2065
13	26°35.4'	2087	–	–	80°35.7'	2112	100°42.9'	2068
14	25°58.3'	2090	–	–	79°58.8'	2115	100°05.7'	2071
15	25°21.3'	2093	–	–	79°21.9'	2118	99°28.4'	2074
16	24°44.2'	2097	–	–	78°45.1'	2122	98°51.2'	2077
17	24°07.2'	2100	–	–	78°08.3'	2125	98°14.0'	2080
18	23°30.2'	2104	–	–	77°31.5'	2128	97°36.8'	2083
19	22°53.2'	2108	–	–	76°54.7'	2131	96°59.7'	2086
20	22°16.3'	2111	–	–	76°18.0'	2135	96°22.6'	2089
21	21°39.4'	2115	5°18.0'	2874	75°41.3'	2138	95°45.5'	2093
22	21°02.5'	2119	5°49.0'	2803	75°04.6'	2142	95°08.4'	2096
23	20°25.7'	2124	6°20.4'	2751	74°28.0'	2145	94°31.4'	2099

Sun Jun 17, 2018 UTC

UTC	+Sun		–Regulus		+Venus		+Pollux		–Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	44°29.3'	2419	19°48.9'	2128	6°52.3'	2711	17°55.3'	2571	73°51.4'	2149
1	45°03.6'	2423	19°12.1'	2132	7°24.4'	2680	18°28.5'	2545	73°14.8'	2153
2	45°38.0'	2426	18°35.4'	2137	7°56.8'	2656	19°01.9'	2523	72°38.3'	2156
3	46°12.3'	2430	17°58.7'	2142	8°29.3'	2638	19°35.5'	2503	72°01.7'	2160
4	46°46.6'	2433	17°22.1'	2147	9°02.0'	2623	20°09.2'	2485	71°25.3'	2164
5	47°20.9'	2437	16°45.5'	2152	9°34.8'	2611	20°43.0'	2469	70°48.8'	2168
6	47°55.1'	2440	16°08.9'	2157	10°07.7'	2602	21°17.0'	2455	70°12.4'	2172
7	48°29.3'	2444	15°32.4'	2163	10°40.7'	2595	21°51.1'	2442	69°36.0'	2176
8	49°03.5'	2448	14°56.0'	2168	11°13.7'	2590	22°25.3'	2430	68°59.6'	2180
9	49°37.6'	2452	14°19.5'	2175	11°46.7'	2586	22°59.6'	2420	68°23.3'	2184
10	50°11.7'	2456	13°43.2'	2181	12°19.8'	2583	23°34.0'	2411	67°47.0'	2189
11	50°45.8'	2460	13°06.9'	2188	12°52.9'	2581	24°08.4'	2402	67°10.8'	2193
12	51°19.9'	2464	12°30.6'	2196	13°26.0'	2580	24°42.9'	2395	66°34.6'	2197
13	51°53.9'	2468	11°54.4'	2204	13°59.2'	2579	25°17.5'	2389	65°58.4'	2202
14	52°27.9'	2472	11°18.3'	2213	14°32.3'	2579	25°52.1'	2383	65°22.3'	2206
15	53°01.9'	2476	10°42.2'	2222	15°05.4'	2580	26°26.7'	2378	64°46.2'	2211
16	53°35.8'	2480	10°06.3'	2233	15°38.6'	2581	27°01.4'	2374	64°10.1'	2215
17	54°09.7'	2484	9°30.4'	2246	16°11.7'	2582	27°36.2'	2370	63°34.1'	2220
18	54°43.5'	2489	8°54.6'	2260	16°44.8'	2584	28°11.0'	2367	62°58.1'	2224
19	55°17.4'	2493	8°19.0'	2276	17°17.9'	2586	28°45.7'	2364	62°22.1'	2229
20	55°51.2'	2497	7°43.4'	2295	17°51.0'	2588	29°20.6'	2362	61°46.2'	2234
21	56°24.9'	2502	7°08.1'	2319	18°24.0'	2591	29°55.4'	2360	61°10.3'	2239
22	56°58.7'	2506	6°32.9'	2349	18°57.1'	2593	30°30.2'	2358	60°34.5'	2244
23	57°32.3'	2511	5°58.0'	2386	19°30.1'	2596	31°05.1'	2357	59°58.7'	2248

Mon Jun 18, 2018 UTC

UTC	+Sun		-Regulus		+Pollux		+Venus		-Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	58°06.0'	2515	5°23.3'	2437	31°40.0'	2356	20°03.1'	2600	59°23.0'	2253
1	58°39.6'	2520	4°49.1'	2506	32°14.8'	2356	20°36.1'	2603	58°47.3'	2258
2	59°13.2'	2525	4°15.4'	2607	32°49.7'	2356	21°09.0'	2606	58°11.6'	2264
3	59°46.8'	2529	–	–	33°24.6'	2356	21°41.9'	2610	57°36.0'	2269
4	60°20.3'	2534	–	–	33°59.5'	2356	22°14.8'	2614	57°00.4'	2274
5	60°53.8'	2539	–	–	34°34.4'	2357	22°47.7'	2617	56°24.8'	2279
6	61°27.2'	2543	–	–	35°09.2'	2358	23°20.5'	2621	55°49.3'	2284
7	62°00.6'	2548	–	–	35°44.1'	2359	23°53.4'	2625	55°13.9'	2290
8	62°34.0'	2553	–	–	36°18.9'	2360	24°26.1'	2629	54°38.5'	2295
9	63°07.3'	2558	–	–	36°53.8'	2362	24°58.9'	2634	54°03.1'	2300
10	63°40.6'	2563	–	–	37°28.6'	2363	25°31.6'	2638	53°27.8'	2306
11	64°13.8'	2568	–	–	38°03.4'	2365	26°04.3'	2642	52°52.5'	2311
12	64°47.1'	2573	–	–	38°38.2'	2367	26°37.0'	2647	52°17.2'	2317
13	65°20.2'	2578	–	–	39°13.0'	2369	27°09.6'	2651	51°42.0'	2323
14	65°53.4'	2582	–	–	39°47.8'	2371	27°42.2'	2656	51°06.9'	2328
15	66°26.5'	2587	4°08.4'	2589	40°22.6'	2374	28°14.7'	2660	50°31.8'	2334
16	66°59.6'	2592	4°41.4'	2524	40°57.3'	2376	28°47.2'	2665	49°56.7'	2340
17	67°32.6'	2598	5°15.0'	2480	41°32.0'	2379	29°19.7'	2669	49°21.7'	2346
18	68°05.6'	2603	5°48.9'	2449	42°06.7'	2382	29°52.2'	2674	48°46.8'	2351
19	68°38.5'	2608	6°23.0'	2427	42°41.4'	2384	30°24.6'	2679	48°11.8'	2357
20	69°11.5'	2613	6°57.3'	2411	43°16.0'	2387	30°57.0'	2684	47°37.0'	2363
21	69°44.3'	2618	7°31.8'	2400	43°50.7'	2390	31°29.3'	2689	47°02.2'	2369
22	70°17.2'	2623	8°06.3'	2392	44°25.3'	2393	32°01.6'	2693	46°27.4'	2376
23	70°50.0'	2628	8°40.9'	2387	44°59.8'	2397	32°33.9'	2698	45°52.7'	2382

Tue Jun 19, 2018 UTC

UTC	+Sun		+Regulus		-Spica		+Pollux		+Venus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	71°22.7'	2633	9°15.5'	2383	45°18.0'	2388	45°34.4'	2400	33°06.1'	2703
1	71°55.4'	2638	9°50.2'	2381	44°43.4'	2394	46°08.9'	2403	33°38.3'	2708
2	72°28.1'	2644	10°24.8'	2380	44°08.8'	2401	46°43.4'	2407	34°10.5'	2713
3	73°00.8'	2649	10°59.5'	2380	43°34.3'	2407	47°17.9'	2410	34°42.6'	2718
4	73°33.4'	2654	11°34.2'	2381	42°59.8'	2414	47°52.3'	2414	35°14.7'	2723
5	74°05.9'	2659	12°08.9'	2382	42°25.4'	2420	48°26.8'	2417	35°46.7'	2728
6	74°38.5'	2664	12°43.6'	2384	41°51.0'	2427	49°01.1'	2421	36°18.7'	2733
7	75°10.9'	2670	13°18.2'	2386	41°16.7'	2434	49°35.5'	2425	36°50.7'	2739
8	75°43.4'	2675	13°52.9'	2388	40°42.5'	2441	50°09.8'	2428	37°22.7'	2744
9	76°15.8'	2680	14°27.5'	2391	40°08.3'	2447	50°44.1'	2432	37°54.6'	2749
10	76°48.2'	2685	15°02.1'	2394	39°34.1'	2454	51°18.4'	2436	38°26.4'	2754
11	77°20.5'	2691	15°36.6'	2397	39°00.0'	2462	51°52.7'	2440	38°58.2'	2759
12	77°52.8'	2696	16°11.2'	2401	38°26.0'	2469	52°26.9'	2444	39°30.0'	2764
13	78°25.0'	2701	16°45.7'	2404	37°52.0'	2476	53°01.0'	2448	40°01.8'	2769
14	78°57.3'	2707	17°20.2'	2408	37°18.1'	2484	53°35.2'	2452	40°33.5'	2775
15	79°29.4'	2712	17°54.7'	2412	36°44.2'	2491	54°09.3'	2456	41°05.2'	2780
16	80°01.6'	2717	18°29.1'	2416	36°10.4'	2499	54°43.4'	2460	41°36.8'	2785
17	80°33.7'	2722	19°03.5'	2420	35°36.6'	2506	55°17.4'	2464	42°08.4'	2790
18	81°05.7'	2728	19°37.9'	2424	35°02.9'	2514	55°51.5'	2468	42°39.9'	2796
19	81°37.7'	2733	20°12.2'	2428	34°29.3'	2523	56°25.4'	2473	43°11.5'	2801
20	82°09.7'	2738	20°46.5'	2432	33°55.7'	2531	56°59.4'	2477	43°42.9'	2806
21	82°41.7'	2743	21°20.8'	2437	33°22.2'	2539	57°33.3'	2481	44°14.4'	2811
22	83°13.6'	2749	21°55.0'	2441	32°48.8'	2548	58°07.2'	2485	44°45.8'	2816
23	83°45.4'	2754	22°29.2'	2445	32°15.4'	2556	58°41.1'	2489	45°17.2'	2822

Wed Jun 20, 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	84°17.2'	2759	23°03.4'	2450	31°42.1'	2565	51°04.7'	2437	59°14.9'	2494
1	84°49.0'	2764	23°37.5'	2454	31°08.9'	2575	50°30.5'	2442	59°48.7'	2498
2	85°20.8'	2770	24°11.6'	2459	30°35.7'	2584	49°56.3'	2448	60°22.4'	2502
3	85°52.5'	2775	24°45.7'	2463	30°02.6'	2594	49°22.2'	2453	60°56.2'	2507
4	86°24.2'	2780	25°19.7'	2468	29°29.6'	2604	48°48.0'	2458	61°29.8'	2511
5	86°55.8'	2785	25°53.7'	2472	28°56.7'	2614	48°14.0'	2463	62°03.5'	2515
6	87°27.4'	2791	26°27.7'	2477	28°23.8'	2624	47°39.9'	2469	62°37.1'	2520
7	87°58.9'	2796	27°01.6'	2481	27°51.0'	2635	47°06.0'	2474	63°10.7'	2524
8	88°30.5'	2801	27°35.5'	2486	27°18.3'	2646	46°32.0'	2479	63°44.3'	2528
9	89°01.9'	2806	28°09.3'	2490	26°45.7'	2658	45°58.1'	2485	64°17.8'	2533
10	89°33.4'	2811	28°43.2'	2495	26°13.1'	2670	45°24.3'	2490	64°51.3'	2537
11	90°04.8'	2817	29°16.9'	2499	25°40.7'	2682	44°50.4'	2495	65°24.7'	2542
12	90°36.2'	2822	29°50.7'	2504	25°08.3'	2695	44°16.7'	2500	65°58.1'	2546
13	91°07.5'	2827	30°24.4'	2509	24°36.1'	2709	43°42.9'	2506	66°31.5'	2550
14	91°38.8'	2832	30°58.1'	2513	24°03.9'	2723	43°09.2'	2511	67°04.9'	2555
15	92°10.0'	2837	31°31.7'	2518	23°31.9'	2738	42°35.6'	2516	67°38.2'	2559
16	92°41.3'	2842	32°05.3'	2522	22°59.9'	2753	42°02.0'	2522	68°11.5'	2564
17	93°12.4'	2847	32°38.9'	2527	22°28.1'	2769	41°28.4'	2527	68°44.7'	2568
18	93°43.6'	2853	33°12.4'	2532	21°56.4'	2786	40°54.9'	2532	69°18.0'	2572
19	94°14.7'	2858	33°45.9'	2536	21°24.8'	2804	40°21.4'	2538	69°51.1'	2577
20	94°45.8'	2863	34°19.4'	2541	20°53.3'	2823	39°47.9'	2543	70°24.3'	2581
21	95°16.8'	2868	34°52.8'	2545	20°22.0'	2844	39°14.5'	2548	70°57.4'	2586
22	95°47.8'	2873	35°26.2'	2550	19°50.8'	2865	38°41.1'	2554	71°30.5'	2590
23	96°18.8'	2878	35°59.5'	2554	19°19.8'	2888	38°07.8'	2559	72°03.5'	2594

Thu Jun 21, 2018 UTC

UTC	+Sun		+Regulus		-Jupiter		-Spica		-Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	96°49.7'	2883	36°32.8'	2559	37°34.5'	2565	18°49.0'	2912	64°09.1'	2620
1	97°20.6'	2888	37°06.1'	2563	37°01.3'	2570	18°18.3'	2939	63°36.3'	2625
2	97°51.5'	2893	37°39.4'	2568	36°28.1'	2575	17°47.8'	2967	63°03.5'	2630
3	98°22.3'	2898	38°12.6'	2572	35°54.9'	2581	17°17.5'	2998	62°30.8'	2635
4	98°53.1'	2903	38°45.8'	2577	35°21.8'	2586	16°47.4'	3031	61°58.0'	2641
5	99°23.8'	2908	39°18.9'	2581	34°48.7'	2592	16°17.5'	3066	61°25.4'	2646
6	99°54.5'	2912	39°52.0'	2586	34°15.7'	2597	15°47.9'	3106	60°52.8'	2651
7	100°25.2'	2917	40°25.1'	2590	33°42.7'	2603	15°18.6'	3148	60°20.2'	2657
8	100°55.9'	2922	40°58.2'	2595	33°09.8'	2609	14°49.5'	3195	59°47.6'	2662
9	101°26.5'	2927	41°31.2'	2599	32°36.8'	2614	14°20.8'	3247	59°15.1'	2667
10	101°57.1'	2932	42°04.2'	2604	32°04.0'	2620	13°52.4'	3305	58°42.7'	2673
11	102°27.6'	2937	42°37.1'	2608	31°31.2'	2626	13°24.3'	3369	58°10.2'	2678
12	102°58.1'	2941	43°10.0'	2612	30°58.4'	2631	12°56.7'	3440	57°37.8'	2683
13	103°28.6'	2946	43°42.9'	2617	30°25.6'	2637	12°29.5'	3520	57°05.5'	2689
14	103°59.1'	2951	44°15.7'	2621	29°52.9'	2643	12°02.8'	3610	56°33.2'	2694
15	104°29.5'	2956	44°48.6'	2625	29°20.3'	2649	11°36.7'	3712	56°00.9'	2699
16	104°59.9'	2960	45°21.3'	2630	28°47.7'	2655	11°11.2'	3828	55°28.7'	2705
17	105°30.2'	2965	45°54.1'	2634	28°15.1'	2661	10°46.3'	3961	54°56.5'	2710
18	106°00.5'	2970	46°26.8'	2638	27°42.6'	2667	-	-	54°24.4'	2715
19	106°30.8'	2974	46°59.5'	2642	27°10.2'	2673	-	-	53°52.2'	2721
20	107°01.0'	2979	47°32.1'	2646	26°37.7'	2680	-	-	53°20.2'	2726
21	107°31.3'	2983	48°04.8'	2651	26°05.4'	2686	-	-	52°48.2'	2732
22	108°01.4'	2988	48°37.4'	2655	25°33.0'	2693	-	-	52°16.2'	2737
23	108°31.6'	2993	49°09.9'	2659	25°00.8'	2699	-	-	51°44.2'	2743

Fri Jun 22, 2018 UTC

UTC	+Sun		-Jupiter		+Regulus		-Antares		-Saturn	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	109°01.7'	2997	24°28.5'	2706	49°42.4'	2663	51°12.3'	2748	76°35.1'	2638
1	109°31.8'	3002	23°56.4'	2713	50°14.9'	2667	50°40.4'	2754	76°02.4'	2642
2	110°01.9'	3006	23°24.2'	2720	50°47.4'	2671	50°08.6'	2759	75°29.8'	2646
3	110°31.9'	3010	22°52.2'	2728	51°19.8'	2675	49°36.8'	2765	74°57.1'	2651
4	111°01.9'	3015	22°20.2'	2735	51°52.2'	2679	49°05.1'	2770	74°24.5'	2655
5	111°31.9'	3019	21°48.2'	2743	52°24.6'	2683	48°33.4'	2776	73°52.0'	2659
6	112°01.8'	3024	21°16.3'	2751	52°57.0'	2687	48°01.7'	2782	73°19.5'	2663
7	112°31.7'	3028	20°44.4'	2760	53°29.3'	2691	47°30.1'	2787	72°47.0'	2667
8	113°01.6'	3032	20°12.7'	2768	54°01.6'	2695	46°58.5'	2793	72°14.5'	2671
9	113°31.4'	3037	19°40.9'	2777	54°33.8'	2699	46°27.0'	2799	71°42.0'	2675
10	114°01.3'	3041	19°09.3'	2787	55°06.1'	2703	45°55.5'	2805	71°09.6'	2679
11	114°31.1'	3045	18°37.7'	2797	55°38.3'	2707	45°24.0'	2811	70°37.2'	2682
12	115°00.8'	3049	18°06.2'	2807	56°10.4'	2711	44°52.6'	2816	70°04.9'	2686
13	115°30.5'	3054	17°34.8'	2818	56°42.6'	2715	44°21.2'	2822	69°32.6'	2690
14	116°00.3'	3058	17°03.4'	2830	57°14.7'	2719	43°49.9'	2828	69°00.3'	2694
15	116°29.9'	3062	16°32.1'	2842	57°46.8'	2722	43°18.6'	2834	68°28.0'	2698
16	116°59.6'	3066	16°00.9'	2856	58°18.8'	2726	42°47.4'	2841	67°55.8'	2702
17	117°29.2'	3070	15°29.9'	2870	58°50.8'	2730	42°16.2'	2847	67°23.6'	2705
18	117°58.8'	3074	14°58.9'	2885	59°22.8'	2734	41°45.1'	2853	66°51.4'	2709
19	118°28.3'	3078	14°28.0'	2902	59°54.8'	2737	41°13.9'	2859	66°19.2'	2713
20	118°57.9'	3082	13°57.2'	2920	60°26.8'	2741	40°42.9'	2866	65°47.1'	2717
21	119°27.4'	3086	13°26.6'	2940	60°58.7'	2745	40°11.9'	2872	65°15.0'	2720
22	119°56.9'	3090	12°56.1'	2962	61°30.6'	2748	39°40.9'	2879	64°42.9'	2724
23	120°26.3'	3094	12°25.8'	2986	62°02.4'	2752	39°10.0'	2886	64°10.9'	2728

Sat Jun 23, 2018 UTC

UTC	-Jupiter		-Antares		-Saturn		+Regulus		+Spica	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	11°55.6'	3013	38°39.1'	2892	63°38.9'	2731	62°34.3'	2756	11°08.5'	3856
1	11°25.6'	3044	38°08.3'	2899	63°06.9'	2735	63°06.1'	2759	11°33.2'	3763
2	10°55.9'	3078	37°37.5'	2906	62°34.9'	2738	63°37.9'	2763	11°58.4'	3682
3	10°26.3'	3117	37°06.8'	2913	62°03.0'	2742	64°09.6'	2766	12°24.1'	3611
4	9°57.1'	3162	36°36.1'	2921	61°31.1'	2745	64°41.4'	2770	12°50.3'	3548
5	9°28.1'	3214	36°05.5'	2928	60°59.2'	2749	65°13.1'	2773	13°16.8'	3493
6	8°59.5'	3275	35°34.9'	2936	60°27.3'	2752	65°44.8'	2777	13°43.6'	3443
7	8°31.2'	3347	35°04.4'	2943	59°55.5'	2756	66°16.4'	2780	14°10.8'	3400
8	8°03.5'	3433	34°33.9'	2951	59°23.7'	2759	66°48.0'	2783	14°38.2'	3361
9	7°36.3'	3536	34°03.5'	2959	58°51.9'	2763	67°19.7'	2787	15°05.9'	3326
10	7°09.7'	3662	33°33.1'	2968	58°20.1'	2766	67°51.2'	2790	15°33.8'	3295
11	-	-	33°02.9'	2976	57°48.4'	2769	68°22.8'	2794	16°01.9'	3266
12	-	-	32°32.6'	2985	57°16.7'	2773	68°54.3'	2797	16°30.1'	3241
13	-	-	32°02.4'	2994	56°45.0'	2776	69°25.8'	2800	16°58.6'	3218
14	-	-	31°32.3'	3003	56°13.3'	2779	69°57.3'	2803	17°27.2'	3198
15	-	-	31°02.3'	3012	55°41.7'	2783	70°28.8'	2807	17°55.9'	3179
16	-	-	30°32.3'	3022	55°10.1'	2786	71°00.2'	2810	18°24.8'	3162
17	-	-	30°02.4'	3032	54°38.5'	2789	71°31.7'	2813	18°53.7'	3147
18	-	-	29°32.5'	3043	54°06.9'	2792	72°03.1'	2816	19°22.8'	3133
19	-	-	29°02.7'	3053	53°35.4'	2795	72°34.4'	2819	19°52.0'	3121
20	-	-	28°33.0'	3065	53°03.8'	2799	73°05.8'	2822	20°21.2'	3109
21	-	-	28°03.4'	3076	52°32.3'	2802	73°37.1'	2826	20°50.5'	3099
22	-	-	27°33.9'	3088	52°00.9'	2805	74°08.4'	2829	21°19.9'	3090
23	-	-	27°04.4'	3101	51°29.4'	2808	74°39.7'	2832	21°49.4'	3081

Sun Jun 24, 2018 UTC

UTC	+Spica		-Antares		-Saturn		+Regulus		-Mars	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	22°18.9'	3073	26°35.0'	3114	50°58.0'	2811	75°10.9'	2835	84°22.1'	2859
1	22°48.5'	3066	26°05.7'	3127	50°26.6'	2814	75°42.2'	2838	83°51.0'	2862
2	23°18.1'	3059	25°36.5'	3142	49°55.2'	2817	76°13.4'	2841	83°20.0'	2865
3	23°47.8'	3053	25°07.4'	3157	49°23.8'	2820	76°44.6'	2844	82°49.0'	2868
4	24°17.5'	3048	24°38.4'	3172	48°52.5'	2823	77°15.8'	2847	82°18.0'	2871
5	24°47.2'	3043	24°09.5'	3189	48°21.2'	2826	77°46.9'	2849	81°47.0'	2874
6	25°17.0'	3039	23°40.7'	3206	47°49.9'	2829	78°18.1'	2852	81°16.0'	2877
7	25°46.8'	3035	23°12.0'	3224	47°18.6'	2832	78°49.2'	2855	80°45.1'	2879
8	26°16.6'	3031	22°43.5'	3243	46°47.3'	2835	79°20.3'	2858	80°14.2'	2882
9	26°46.5'	3028	22°15.0'	3264	46°16.1'	2838	79°51.3'	2861	79°43.3'	2885
10	27°16.3'	3025	21°46.7'	3285	45°44.9'	2841	80°22.4'	2864	79°12.4'	2888
11	27°46.2'	3022	21°18.6'	3308	45°13.7'	2843	80°53.4'	2866	78°41.5'	2890
12	28°16.2'	3020	20°50.6'	3332	44°42.5'	2846	81°24.4'	2869	78°10.7'	2893
13	28°46.1'	3017	20°22.7'	3358	44°11.3'	2849	81°55.4'	2872	77°39.9'	2896
14	29°16.1'	3015	19°55.0'	3386	43°40.2'	2852	82°26.4'	2875	77°09.1'	2898
15	29°46.0'	3014	19°27.5'	3416	43°09.1'	2855	82°57.3'	2877	76°38.3'	2901
16	30°16.0'	3012	19°00.2'	3447	42°38.0'	2857	83°28.3'	2880	76°07.5'	2903
17	30°46.0'	3011	18°33.0'	3481	42°06.9'	2860	83°59.2'	2883	75°36.8'	2906
18	31°16.0'	3010	18°06.1'	3518	41°35.9'	2863	84°30.1'	2885	75°06.0'	2909
19	31°46.0'	3009	17°39.4'	3558	41°04.8'	2865	85°00.9'	2888	74°35.3'	2911
20	32°16.0'	3008	17°13.0'	3600	40°33.8'	2868	85°31.8'	2891	74°04.6'	2914
21	32°46.0'	3007	16°46.8'	3647	40°02.8'	2871	86°02.6'	2893	73°34.0'	2916
22	33°16.0'	3007	16°20.9'	3697	39°31.8'	2873	86°33.5'	2896	73°03.3'	2919
23	33°46.0'	3006	15°55.3'	3752	39°00.9'	2876	87°04.3'	2898	72°32.7'	2921

Mon Jun 25, 2018 UTC

UTC	+Jupiter		-Saturn		+Spica		-Mars		-Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	14°26.6'	3055	38°29.9'	2879	34°16.1'	3006	72°02.0'	2923	15°30.0'	3812
1	14°56.3'	3047	37°59.0'	2881	34°46.1'	3006	71°31.4'	2926	15°05.0'	3878
2	15°26.1'	3039	37°28.1'	2884	35°16.1'	3006	71°00.8'	2928	14°40.5'	3950
3	15°55.9'	3032	36°57.2'	2886	35°46.2'	3005	70°30.3'	2931	14°16.3'	4029
4	16°25.7'	3026	36°26.3'	2889	36°16.2'	3006	69°59.7'	2933	13°52.6'	4117
5	16°55.6'	3021	35°55.5'	2892	36°46.2'	3006	69°29.2'	2935	13°29.3'	4214
6	17°25.5'	3016	35°24.7'	2894	37°16.3'	3006	68°58.7'	2938	13°06.6'	4322
7	17°55.5'	3012	34°53.9'	2897	37°46.3'	3006	68°28.2'	2940	12°44.4'	4443
8	18°25.5'	3009	34°23.1'	2899	38°16.3'	3006	67°57.7'	2942	12°22.9'	4577
9	18°55.5'	3006	33°52.3'	2902	38°46.4'	3007	67°27.2'	2945	12°01.9'	4728
10	19°25.5'	3003	33°21.5'	2904	39°16.4'	3007	66°56.7'	2947	11°41.7'	4898
11	19°55.6'	3001	32°50.8'	2906	39°46.4'	3008	66°26.3'	2949	-	-
12	20°25.6'	2999	32°20.0'	2909	40°16.4'	3008	65°55.9'	2952	-	-
13	20°55.7'	2997	31°49.3'	2911	40°46.4'	3009	65°25.5'	2954	-	-
14	21°25.8'	2996	31°18.6'	2914	41°16.4'	3010	64°55.1'	2956	-	-
15	21°55.9'	2995	30°48.0'	2916	41°46.4'	3010	64°24.7'	2958	-	-
16	22°26.0'	2994	30°17.3'	2919	42°16.4'	3011	63°54.3'	2960	-	-
17	22°56.1'	2993	29°46.7'	2921	42°46.4'	3012	63°24.0'	2963	-	-
18	23°26.2'	2992	29°16.1'	2924	43°16.4'	3013	62°53.6'	2965	-	-
19	23°56.4'	2992	28°45.5'	2926	43°46.4'	3013	62°23.3'	2967	-	-
20	24°26.5'	2991	28°14.9'	2928	44°16.4'	3014	61°53.0'	2969	-	-
21	24°56.6'	2991	27°44.3'	2931	44°46.4'	3015	61°22.7'	2971	-	-
22	25°26.8'	2991	27°13.7'	2933	45°16.3'	3016	60°52.5'	2973	-	-
23	25°56.9'	2991	26°43.2'	2936	45°46.3'	3017	60°22.2'	2975	-	-

Tue Jun 26, 2018 UTC

UTC	−Saturn		+Jupiter		+Spica		−Mars		+Regulus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	26°12.7′	2938	26°27.0′	2991	46°16.2′	3018	59°52.0′	2977	99°48.9′	2955
1	25°42.2′	2940	26°57.2′	2991	46°46.2′	3019	59°21.7′	2979	100°19.3′	2957
2	25°11.7′	2943	27°27.3′	2992	47°16.1′	3020	58°51.5′	2981	100°49.6′	2959
3	24°41.2′	2945	27°57.4′	2992	47°46.1′	3021	58°21.3′	2984	101°20.0′	2961
4	24°10.8′	2948	28°27.6′	2993	48°16.0′	3022	57°51.1′	2986	101°50.3′	2963
5	23°40.3′	2950	28°57.7′	2993	48°45.9′	3023	57°21.0′	2988	102°20.7′	2965
6	23°09.9′	2953	29°27.8′	2994	49°15.8′	3024	56°50.8′	2990	102°51.0′	2967
7	22°39.5′	2955	29°57.9′	2994	49°45.7′	3025	56°20.7′	2992	103°21.3′	2969
8	22°09.1′	2958	30°28.0′	2995	50°15.6′	3026	55°50.5′	2994	103°51.6′	2971
9	21°38.8′	2960	30°58.1′	2996	50°45.5′	3027	55°20.4′	2996	104°21.8′	2973
10	21°08.4′	2963	31°28.2′	2996	51°15.4′	3028	54°50.3′	2998	104°52.1′	2975
11	20°38.1′	2966	31°58.3′	2997	51°45.3′	3029	54°20.2′	2999	105°22.4′	2976
12	20°07.8′	2968	32°28.4′	2998	52°15.2′	3030	53°50.2′	3001	105°52.6′	2978
13	19°37.5′	2971	32°58.5′	2999	52°45.0′	3031	53°20.1′	3003	106°22.8′	2980
14	19°07.2′	2974	33°28.6′	3000	53°14.9′	3033	52°50.1′	3005	106°53.0′	2982
15	18°37.0′	2977	33°58.6′	3001	53°44.7′	3034	52°20.0′	3007	107°23.2′	2984
16	18°06.7′	2980	34°28.7′	3002	54°14.6′	3035	51°50.0′	3009	107°53.4′	2985
17	17°36.5′	2983	34°58.8′	3003	54°44.4′	3036	51°20.0′	3011	108°23.6′	2987
18	17°06.3′	2986	35°28.8′	3004	55°14.2′	3037	50°50.0′	3013	108°53.7′	2989
19	16°36.2′	2989	35°58.9′	3005	55°44.0′	3038	50°20.0′	3015	109°23.9′	2991
20	16°06.0′	2992	36°28.9′	3006	56°13.8′	3039	49°50.0′	3017	109°54.0′	2992
21	15°35.9′	2996	36°58.9′	3007	56°43.6′	3040	49°20.1′	3019	110°24.1′	2994
22	15°05.8′	2999	37°29.0′	3008	57°13.4′	3042	48°50.1′	3021	110°54.3′	2996
23	14°35.7′	3003	37°59.0′	3009	57°43.2′	3043	48°20.2′	3022	111°24.4′	2997

Wed Jun 27, 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	14°05.7′	3007	38°29.0′	3010	47°50.3′	3024	58°13.0′	3044	14°33.7′	3993
1	13°35.6′	3012	38°59.0′	3011	47°20.4′	3026	58°42.8′	3045	14°57.6′	3931
2	13°05.6′	3016	39°29.0′	3012	46°50.5′	3028	59°12.5′	3046	15°21.9′	3875
3	12°35.7′	3022	39°59.0′	3013	46°20.6′	3030	59°42.3′	3047	15°46.5′	3823
4	12°05.8′	3027	40°29.0′	3014	45°50.8′	3032	60°12.0′	3048	16°11.4′	3777
5	11°35.9′	3033	40°58.9′	3015	45°20.9′	3034	60°41.8′	3049	16°36.5′	3734
6	11°06.0′	3040	41°28.9′	3016	44°51.1′	3036	61°11.5′	3050	17°01.9′	3695
7	10°36.2′	3047	41°58.9′	3017	44°21.3′	3037	61°41.2′	3052	17°27.5′	3659
8	10°06.5′	3055	42°28.8′	3018	43°51.4′	3039	62°10.9′	3053	17°53.4′	3626
9	9°36.8′	3065	42°58.8′	3020	43°21.6′	3041	62°40.6′	3054	18°19.4′	3596
10	9°07.2′	3075	43°28.7′	3021	42°51.9′	3043	63°10.4′	3055	18°45.6′	3568
11	8°37.6′	3088	43°58.6′	3022	42°22.1′	3045	63°40.0′	3056	19°12.0′	3542
12	8°08.1′	3102	44°28.5′	3023	41°52.3′	3047	64°09.7′	3057	19°38.5′	3518
13	7°38.8′	3120	44°58.5′	3024	41°22.6′	3049	64°39.4′	3058	20°05.2′	3496
14	7°09.5′	3141	45°28.4′	3025	40°52.8′	3051	65°09.1′	3059	20°32.0′	3476
15	6°40.4′	3166	45°58.3′	3026	40°23.1′	3053	65°38.7′	3060	20°59.0′	3457
16	6°11.5′	3198	46°28.1′	3027	39°53.4′	3055	66°08.4′	3061	21°26.1′	3439
17	5°42.7′	3238	46°58.0′	3028	39°23.7′	3056	66°38.1′	3062	21°53.2′	3423
18	5°14.3′	3291	47°27.9′	3029	38°54.0′	3058	67°07.7′	3063	22°20.5′	3408
19	4°46.1′	3361	47°57.8′	3030	38°24.4′	3060	67°37.3′	3064	22°47.9′	3393
20	4°18.5′	3458	48°27.6′	3031	37°54.7′	3062	68°07.0′	3065	23°15.4′	3380
21	–	–	48°57.5′	3032	37°25.1′	3064	68°36.6′	3066	23°42.9′	3368
22	–	–	49°27.3′	3033	36°55.4′	3066	69°06.2′	3067	24°10.6′	3356
23	–	–	49°57.2′	3034	36°25.8′	3069	69°35.8′	3068	24°38.3′	3345

Thu Jun 28, 2018 UTC

UTC	−Mars		+Antares		+Jupiter		+Spica		−Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	35°56.2'	3071	25°06.0'	3335	50°27.0'	3035	70°05.4'	3069	63°25.7'	3328
1	35°26.6'	3073	25°33.9'	3325	50°56.8'	3036	70°35.0'	3070	62°57.8'	3332
2	34°57.1'	3075	26°01.8'	3316	51°26.7'	3037	71°04.6'	3071	62°29.9'	3336
3	34°27.5'	3077	26°29.7'	3308	51°56.5'	3038	71°34.2'	3072	62°02.1'	3340
4	33°58.0'	3079	26°57.8'	3300	52°26.3'	3039	72°03.7'	3073	61°34.3'	3344
5	33°28.4'	3081	27°25.8'	3292	52°56.1'	3040	72°33.3'	3074	61°06.5'	3348
6	32°58.9'	3084	27°53.9'	3285	53°25.9'	3041	73°02.9'	3075	60°38.8'	3352
7	32°29.4'	3086	28°22.1'	3278	53°55.7'	3042	73°32.4'	3076	60°11.0'	3356
8	31°59.9'	3088	28°50.3'	3272	54°25.4'	3043	74°02.0'	3077	59°43.3'	3361
9	31°30.5'	3091	29°18.5'	3266	54°55.2'	3044	74°31.5'	3078	59°15.6'	3365
10	31°01.0'	3093	29°46.8'	3260	55°25.0'	3045	75°01.1'	3079	58°48.0'	3370
11	30°31.6'	3096	30°15.1'	3255	55°54.8'	3046	75°30.6'	3080	58°20.4'	3374
12	30°02.2'	3098	30°43.5'	3250	56°24.5'	3047	76°00.1'	3081	57°52.8'	3379
13	29°32.8'	3101	31°11.9'	3245	56°54.3'	3048	76°29.6'	3081	57°25.2'	3384
14	29°03.4'	3104	31°40.3'	3241	57°24.0'	3049	76°59.1'	3082	56°57.7'	3388
15	28°34.0'	3107	32°08.8'	3236	57°53.7'	3049	77°28.6'	3083	56°30.2'	3393
16	28°04.7'	3110	32°37.2'	3232	58°23.5'	3050	77°58.1'	3084	56°02.7'	3398
17	27°35.4'	3113	33°05.7'	3228	58°53.2'	3051	78°27.6'	3085	55°35.3'	3403
18	27°06.1'	3116	33°34.3'	3225	59°22.9'	3052	78°57.1'	3086	55°07.9'	3409
19	26°36.8'	3119	34°02.8'	3221	59°52.6'	3053	79°26.6'	3086	54°40.5'	3414
20	26°07.5'	3123	34°31.4'	3218	60°22.3'	3053	79°56.1'	3087	54°13.2'	3419
21	25°38.3'	3126	35°00.0'	3215	60°52.0'	3054	80°25.6'	3088	53°45.9'	3425
22	25°09.1'	3130	35°28.6'	3212	61°21.7'	3055	80°55.0'	3089	53°18.6'	3430
23	24°39.9'	3134	35°57.3'	3209	61°51.4'	3056	81°24.5'	3089	52°51.4'	3436

Fri Jun 29, 2018 UTC

UTC	+Saturn		−Mars		+Antares		+Jupiter		−Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	10°12.8'	3093	24°10.7'	3138	36°25.9'	3206	62°21.1'	3056	52°24.2'	3442
1	10°42.3'	3088	23°41.6'	3142	36°54.6'	3203	62°50.8'	3057	51°57.0'	3448
2	11°11.7'	3084	23°12.5'	3146	37°23.3'	3201	63°20.5'	3058	51°29.9'	3454
3	11°41.2'	3080	22°43.4'	3151	37°52.0'	3199	63°50.2'	3059	51°02.8'	3461
4	12°10.8'	3077	22°14.4'	3156	38°20.7'	3196	64°19.8'	3059	50°35.8'	3467
5	12°40.3'	3075	21°45.4'	3161	38°49.5'	3194	64°49.5'	3060	50°08.8'	3474
6	13°09.9'	3072	21°16.4'	3167	39°18.2'	3192	65°19.1'	3060	49°41.8'	3481
7	13°39.4'	3070	20°47.5'	3173	39°47.0'	3190	65°48.8'	3061	49°14.9'	3488
8	14°09.0'	3068	20°18.6'	3179	40°15.8'	3188	66°18.5'	3062	48°48.0'	3495
9	14°38.6'	3067	19°49.7'	3186	40°44.6'	3186	66°48.1'	3062	48°21.2'	3502
10	15°08.2'	3065	19°20.9'	3193	41°13.4'	3184	67°17.7'	3063	47°54.4'	3510
11	15°37.9'	3064	18°52.1'	3201	41°42.2'	3182	67°47.4'	3063	47°27.6'	3517
12	16°07.5'	3063	18°23.4'	3209	42°11.1'	3181	68°17.0'	3064	47°00.9'	3525
13	16°37.1'	3062	17°54.8'	3218	42°39.9'	3179	68°46.7'	3064	46°34.3'	3533
14	17°06.8'	3061	17°26.2'	3227	43°08.8'	3178	69°16.3'	3065	46°07.7'	3542
15	17°36.4'	3061	16°57.6'	3238	43°37.6'	3176	69°45.9'	3065	45°41.2'	3550
16	18°06.1'	3060	16°29.2'	3249	44°06.5'	3175	70°15.5'	3066	45°14.7'	3559
17	18°35.7'	3059	16°00.8'	3261	44°35.4'	3173	70°45.1'	3066	44°48.2'	3568
18	19°05.4'	3059	15°32.4'	3275	45°04.3'	3172	71°14.8'	3067	44°21.8'	3578
19	19°35.1'	3058	15°04.2'	3290	45°33.2'	3170	71°44.4'	3067	43°55.5'	3587
20	20°04.7'	3058	14°36.1'	3306	46°02.1'	3169	72°14.0'	3067	43°29.2'	3597
21	20°34.4'	3058	14°08.1'	3324	46°31.0'	3168	72°43.6'	3068	43°03.0'	3607
22	21°04.1'	3057	13°40.2'	3344	46°60.0'	3167	73°13.2'	3068	42°36.9'	3618
23	21°33.8'	3057	13°12.4'	3366	47°28.9'	3165	73°42.8'	3068	42°10.8'	3629

Sat Jun 30, 2018 UTC

UTC	+Saturn		-Mars		+Antares		+Jupiter		-Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	22°03.4'	3056	12°44.7'	3391	47°57.8'	3164	74°12.4'	3069	41°44.8'	3640
1	22°33.1'	3056	12°17.2'	3419	48°26.8'	3163	74°42.0'	3069	41°18.8'	3652
2	23°02.8'	3056	11°49.9'	3450	48°55.8'	3162	75°11.6'	3069	40°53.0'	3664
3	23°32.5'	3056	11°22.8'	3485	49°24.7'	3161	75°41.2'	3069	40°27.2'	3676
4	24°02.2'	3055	10°55.9'	3525	49°53.7'	3160	76°10.8'	3070	40°01.4'	3689
5	24°31.9'	3055	10°29.3'	3571	50°22.7'	3159	76°40.4'	3070	39°35.8'	3702
6	25°01.6'	3055	10°02.9'	3624	50°51.7'	3158	77°10.0'	3070	39°10.2'	3716
7	25°31.3'	3054	9°36.9'	3685	51°20.7'	3157	77°39.6'	3070	38°44.7'	3730
8	26°01.0'	3054	9°11.2'	3756	51°49.7'	3156	78°09.2'	3070	38°19.3'	3745
9	26°30.7'	3054	8°45.9'	3840	52°18.7'	3154	78°38.7'	3070	37°53.9'	3760
10	27°00.4'	3054	8°21.1'	3938	52°47.7'	3153	79°08.3'	3070	37°28.7'	3776
11	27°30.1'	3053	7°56.9'	4055	53°16.8'	3152	79°37.9'	3071	37°03.5'	3792
12	27°59.8'	3053	7°33.3'	4195	53°45.8'	3151	80°07.5'	3071	36°38.5'	3809
13	28°29.5'	3053	-	-	54°14.8'	3150	80°37.1'	3071	36°13.5'	3827
14	28°59.2'	3052	-	-	54°43.9'	3149	81°06.7'	3071	35°48.6'	3845
15	29°28.9'	3052	-	-	55°12.9'	3148	81°36.3'	3071	35°23.9'	3864
16	29°58.6'	3052	-	-	55°42.0'	3147	82°05.9'	3070	34°59.2'	3884
17	30°28.3'	3051	-	-	56°11.1'	3146	82°35.4'	3070	34°34.7'	3904
18	30°58.0'	3051	-	-	56°40.1'	3145	83°05.0'	3070	34°10.3'	3926
19	31°27.7'	3051	-	-	57°09.2'	3144	83°34.6'	3070	33°46.0'	3948
20	31°57.5'	3050	-	-	57°38.3'	3143	84°04.2'	3070	33°21.8'	3971
21	32°27.2'	3050	-	-	58°07.4'	3142	84°33.8'	3070	32°57.8'	3995
22	32°56.9'	3049	-	-	58°36.5'	3141	85°03.4'	3070	32°33.9'	4021
23	33°26.7'	3049	-	-	59°05.6'	3140	85°33.0'	3069	32°10.1'	4047