

Tue May 1, 2018 UTC

UTC	+Jupiter		-Saturn		-Mars		-Formalhaut		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	4°26.7'	0.9709	47°10.0'	0.7550	61°44.5'	0.7724	103°06.0'	0.7812	70°15.5'	0.8199
1	4°46.0'	0.9260	46°38.3'	0.7554	61°14.1'	0.7728	102°36.2'	0.7814	69°48.2'	0.8207
2	5°07.3'	0.8930	46°06.7'	0.7557	60°43.8'	0.7731	102°06.5'	0.7817	69°21.0'	0.8215
3	5°30.4'	0.8683	45°35.1'	0.7561	60°13.4'	0.7735	101°36.7'	0.7819	68°53.9'	0.8223
4	5°54.7'	0.8495	45°03.5'	0.7565	59°43.1'	0.7739	101°07.0'	0.7822	68°26.8'	0.8232
5	6°20.2'	0.8348	44°32.0'	0.7568	59°12.8'	0.7742	100°37.3'	0.7824	67°59.7'	0.8240
6	6°46.5'	0.8233	44°00.5'	0.7572	58°42.5'	0.7746	100°07.5'	0.7827	67°32.7'	0.8249
7	7°13.6'	0.8141	43°29.0'	0.7575	58°12.3'	0.7750	99°37.9'	0.7830	67°05.8'	0.8258
8	7°41.2'	0.8066	42°57.6'	0.7579	57°42.0'	0.7753	99°08.2'	0.7832	66°38.9'	0.8267
9	8°09.3'	0.8006	42°26.1'	0.7582	57°11.8'	0.7757	98°38.5'	0.7835	66°12.1'	0.8276
10	8°37.8'	0.7956	41°54.7'	0.7586	56°41.7'	0.7760	98°08.9'	0.7838	65°45.3'	0.8285
11	9°06.6'	0.7915	41°23.3'	0.7589	56°11.5'	0.7764	97°39.3'	0.7841	65°18.6'	0.8294
12	9°35.7'	0.7881	40°52.0'	0.7593	55°41.4'	0.7768	97°09.7'	0.7844	64°51.9'	0.8304
13	10°05.0'	0.7852	40°20.6'	0.7596	55°11.3'	0.7771	96°40.1'	0.7846	64°25.3'	0.8313
14	10°34.5'	0.7827	39°49.3'	0.7600	54°41.2'	0.7775	96°10.6'	0.7849	63°58.8'	0.8323
15	11°04.2'	0.7807	39°18.0'	0.7603	54°11.2'	0.7778	95°41.0'	0.7852	63°32.3'	0.8333
16	11°34.0'	0.7789	38°46.8'	0.7607	53°41.2'	0.7782	95°11.5'	0.7855	63°05.9'	0.8344
17	12°04.0'	0.7774	38°15.5'	0.7610	53°11.2'	0.7786	94°42.0'	0.7858	62°39.5'	0.8354
18	12°34.0'	0.7761	37°44.3'	0.7614	52°41.2'	0.7789	94°12.6'	0.7861	62°13.2'	0.8365
19	13°04.2'	0.7750	37°13.2'	0.7617	52°11.3'	0.7793	93°43.1'	0.7865	61°47.0'	0.8375
20	13°34.4'	0.7741	36°42.0'	0.7621	51°41.3'	0.7796	93°13.7'	0.7868	61°20.8'	0.8386
21	14°04.7'	0.7733	36°10.9'	0.7624	51°11.4'	0.7800	92°44.3'	0.7871	60°54.7'	0.8397
22	14°35.0'	0.7726	35°39.8'	0.7628	50°41.6'	0.7803	92°14.9'	0.7874	60°28.7'	0.8409
23	15°05.4'	0.7720	35°08.7'	0.7631	50°11.7'	0.7807	91°45.5'	0.7877	60°02.7'	0.8420

Wed May 2, 2018 UTC

UTC	+Jupiter		-Saturn		-Mars		-Formalhaut		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	15°35.8'	0.7715	34°37.6'	0.7634	49°41.9'	0.7810	91°16.2'	0.7880	59°36.9'	0.8432
1	16°06.3'	0.7711	34°06.6'	0.7638	49°12.1'	0.7814	90°46.8'	0.7884	59°11.0'	0.8444
2	16°36.8'	0.7708	33°35.6'	0.7641	48°42.3'	0.7817	90°17.5'	0.7887	58°45.3'	0.8457
3	17°07.3'	0.7705	33°04.6'	0.7645	48°12.6'	0.7821	89°48.2'	0.7890	58°19.6'	0.8469
4	17°37.8'	0.7702	32°33.6'	0.7648	47°42.8'	0.7824	89°19.0'	0.7893	57°54.0'	0.8482
5	18°08.4'	0.7700	32°02.7'	0.7652	47°13.1'	0.7828	88°49.8'	0.7897	57°28.5'	0.8495
6	18°38.9'	0.7699	31°31.8'	0.7655	46°43.4'	0.7831	88°20.5'	0.7900	57°03.0'	0.8508
7	19°09.5'	0.7697	31°00.9'	0.7659	46°13.8'	0.7835	87°51.3'	0.7904	56°37.6'	0.8521
8	19°40.1'	0.7697	30°30.0'	0.7662	45°44.1'	0.7838	87°22.2'	0.7907	56°12.3'	0.8535
9	20°10.7'	0.7696	29°59.2'	0.7665	45°14.5'	0.7842	86°53.0'	0.7910	55°47.1'	0.8549
10	20°41.3'	0.7696	29°28.4'	0.7669	44°44.9'	0.7845	86°23.9'	0.7914	55°22.0'	0.8564
11	21°11.9'	0.7696	28°57.6'	0.7672	44°15.4'	0.7849	85°54.8'	0.7917	54°56.9'	0.8578
12	21°42.5'	0.7696	28°26.8'	0.7676	43°45.8'	0.7852	85°25.7'	0.7921	54°31.9'	0.8593
13	22°13.1'	0.7696	27°56.1'	0.7679	43°16.3'	0.7856	84°56.7'	0.7924	54°07.0'	0.8608
14	22°43.7'	0.7697	27°25.4'	0.7683	42°46.8'	0.7859	84°27.7'	0.7928	53°42.2'	0.8624
15	23°14.3'	0.7697	26°54.7'	0.7686	42°17.4'	0.7862	83°58.7'	0.7932	53°17.5'	0.8640
16	23°44.9'	0.7698	26°24.0'	0.7689	41°47.9'	0.7866	83°29.7'	0.7935	52°52.9'	0.8656
17	24°15.4'	0.7699	25°53.4'	0.7693	41°18.5'	0.7869	83°00.7'	0.7939	52°28.4'	0.8673
18	24°46.0'	0.7700	25°22.8'	0.7696	40°49.1'	0.7872	82°31.8'	0.7942	52°04.0'	0.8690
19	25°16.6'	0.7701	24°52.2'	0.7700	40°19.7'	0.7876	82°02.9'	0.7946	51°39.6'	0.8707
20	25°47.1'	0.7702	24°21.6'	0.7703	39°50.4'	0.7879	81°34.0'	0.7950	51°15.4'	0.8725
21	26°17.7'	0.7704	23°51.1'	0.7707	39°21.0'	0.7882	81°05.1'	0.7953	50°51.2'	0.8743
22	26°48.2'	0.7705	23°20.5'	0.7710	38°51.7'	0.7886	80°36.3'	0.7957	50°27.2'	0.8761
23	27°18.8'	0.7707	22°50.0'	0.7714	38°22.4'	0.7889	80°07.5'	0.7961	50°03.2'	0.8780

Thu May 3, 2018 UTC

UTC	+Jupiter		-Saturn		-Mars		-Formalhaut		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	27°49.3'	0.7708	22°19.6'	0.7717	37°53.2'	0.7892	79°38.7'	0.7965	49°39.4'	0.8800
1	28°19.8'	0.7710	21°49.1'	0.7721	37°23.9'	0.7896	79°09.9'	0.7968	49°15.7'	0.8820
2	28°50.3'	0.7711	21°18.7'	0.7724	36°54.7'	0.7899	78°41.2'	0.7972	48°52.1'	0.8840
3	29°20.8'	0.7713	20°48.3'	0.7728	36°25.5'	0.7902	78°12.5'	0.7976	48°28.5'	0.8861
4	29°51.3'	0.7715	20°17.9'	0.7731	35°56.3'	0.7905	77°43.8'	0.7980	48°05.1'	0.8882
5	30°21.7'	0.7716	19°47.6'	0.7735	35°27.2'	0.7909	77°15.1'	0.7984	47°41.9'	0.8904
6	30°52.2'	0.7718	19°17.2'	0.7738	34°58.0'	0.7912	76°46.5'	0.7988	47°18.7'	0.8927
7	31°22.6'	0.7720	18°46.9'	0.7742	34°28.9'	0.7915	76°17.9'	0.7991	46°55.7'	0.8950
8	31°53.1'	0.7722	18°16.7'	0.7746	33°59.8'	0.7918	75°49.3'	0.7995	46°32.7'	0.8973
9	32°23.5'	0.7723	17°46.4'	0.7750	33°30.8'	0.7921	75°20.7'	0.7999	46°09.9'	0.8997
10	32°53.9'	0.7725	17°16.2'	0.7754	33°01.7'	0.7925	74°52.2'	0.8003	45°47.3'	0.9022
11	33°24.3'	0.7727	16°46.0'	0.7758	32°32.7'	0.7928	74°23.7'	0.8007	45°24.7'	0.9048
12	33°54.6'	0.7729	16°15.8'	0.7762	32°03.7'	0.7931	73°55.2'	0.8011	45°02.3'	0.9074
13	34°25.0'	0.7731	15°45.7'	0.7766	31°34.7'	0.7934	73°26.8'	0.8015	44°40.0'	0.9101
14	34°55.4'	0.7733	15°15.6'	0.7770	31°05.7'	0.7937	72°58.3'	0.8019	44°17.9'	0.9129
15	35°25.7'	0.7735	14°45.5'	0.7775	30°36.8'	0.7940	72°29.9'	0.8023	43°55.9'	0.9157
16	35°56.0'	0.7736	14°15.5'	0.7780	30°07.9'	0.7944	72°01.6'	0.8027	43°34.0'	0.9186
17	36°26.3'	0.7738	13°45.5'	0.7784	29°39.0'	0.7947	71°33.2'	0.8031	43°12.3'	0.9216
18	36°56.6'	0.7740	13°15.5'	0.7790	29°10.1'	0.7950	71°04.9'	0.8035	42°50.8'	0.9247
19	37°26.9'	0.7742	12°45.5'	0.7795	28°41.2'	0.7953	70°36.6'	0.8040	42°29.3'	0.9279
20	37°57.2'	0.7744	12°15.6'	0.7801	28°12.4'	0.7956	70°08.3'	0.8044	42°08.1'	0.9312
21	38°27.5'	0.7746	11°45.8'	0.7807	27°43.6'	0.7959	69°40.1'	0.8048	41°47.0'	0.9345
22	38°57.7'	0.7748	11°15.9'	0.7814	27°14.8'	0.7962	69°11.9'	0.8052	41°26.1'	0.9380
23	39°27.9'	0.7749	10°46.2'	0.7821	26°46.0'	0.7966	68°43.7'	0.8056	41°05.3'	0.9416

Fri May 4, 2018 UTC

UTC	+Jupiter		-Saturn		-Mars		-Formalhaut		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	39°58.2'	0.7751	10°16.4'	0.7829	26°17.2'	0.7969	68°15.5'	0.8061	40°44.7'	0.9453
1	40°28.4'	0.7753	9°46.8'	0.7838	25°48.5'	0.7972	67°47.4'	0.8065	40°24.3'	0.9491
2	40°58.6'	0.7755	9°17.2'	0.7849	25°19.8'	0.7975	67°19.3'	0.8069	40°04.1'	0.9530
3	41°28.8'	0.7757	8°47.6'	0.7860	24°51.1'	0.7978	66°51.2'	0.8073	39°44.0'	0.9570
4	41°58.9'	0.7758	8°18.2'	0.7873	24°22.4'	0.7982	66°23.1'	0.8078	39°24.1'	0.9612
5	42°29.1'	0.7760	7°48.8'	0.7889	23°53.8'	0.7985	65°55.1'	0.8082	39°04.5'	0.9655
6	42°59.2'	0.7762	7°19.5'	0.7907	23°25.1'	0.7988	65°27.1'	0.8087	38°45.0'	0.9700
7	43°29.4'	0.7763	6°50.4'	0.7930	22°56.5'	0.7992	64°59.2'	0.8091	38°25.7'	0.9746
8	43°59.5'	0.7765	6°21.4'	0.7957	22°27.9'	0.7995	64°31.2'	0.8096	38°06.6'	0.9793
9	44°29.6'	0.7767	5°52.6'	0.7991	21°59.4'	0.7998	64°03.3'	0.8100	37°47.7'	0.9842
10	44°59.7'	0.7768	5°24.0'	0.8035	21°30.8'	0.8002	63°35.5'	0.8105	37°29.1'	0.9893
11	45°29.8'	0.7770	4°55.7'	0.8092	21°02.3'	0.8006	63°07.6'	0.8109	37°10.6'	0.9946
12	45°59.9'	0.7771	4°27.8'	0.8171	20°33.8'	0.8009	62°39.8'	0.8114	36°52.4'	1.0000
13	46°30.0'	0.7773	4°00.3'	0.8281	20°05.4'	0.8013	62°12.0'	0.8119	36°34.4'	1.0057
14	47°00.0'	0.7774	3°33.6'	0.8441	19°36.9'	0.8017	61°44.2'	0.8124	36°16.6'	1.0115
15	47°30.1'	0.7776	3°07.8'	0.8688	19°08.5'	0.8021	61°16.5'	0.8128	35°59.1'	1.0176
16	48°00.1'	0.7777	2°43.5'	0.9091	18°40.1'	0.8025	60°48.8'	0.8133	35°41.8'	1.0238
17	48°30.1'	0.7779	2°21.3'	0.9796	18°11.8'	0.8029	60°21.1'	0.8138	35°24.8'	1.0303
18	49°00.2'	0.7780	2°02.4'	1.1153	17°43.4'	0.8034	59°53.5'	0.8143	35°08.0'	1.0371
19	49°30.2'	0.7781	1°48.6'	1.4310	17°15.1'	0.8038	59°25.9'	0.8148	34°51.4'	1.0441
20	50°00.2'	0.7783	1°41.9'	1.9917	16°46.8'	0.8043	58°58.3'	0.8153	34°35.2'	1.0514
21	50°30.2'	0.7784	1°43.8'	1.2587	16°18.6'	0.8048	58°30.8'	0.8158	34°19.2'	1.0590
22	51°00.2'	0.7785	1°53.7'	1.0468	15°50.4'	0.8054	58°03.3'	0.8163	34°03.5'	1.0668
23	51°30.1'	0.7786	2°09.8'	0.9458	15°22.2'	0.8059	57°35.8'	0.8169	33°48.0'	1.0750

Sat May 5, 2018 UTC

UTC	+Jupiter		+Saturn		-Mars		-Formalhaut		+Antares	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	52°00.1'	0.7788	2°30.2'	0.8910	14°54.1'	0.8065	57°08.4'	0.8174	31°37.7'	0.8015
1	52°30.1'	0.7789	2°53.4'	0.8588	14°26.0'	0.8072	56°41.0'	0.8179	32°06.2'	0.8011
2	53°00.0'	0.7790	3°18.3'	0.8386	13°57.9'	0.8079	56°13.6'	0.8185	32°34.6'	0.8007
3	53°29.9'	0.7791	3°44.4'	0.8253	13°29.9'	0.8087	55°46.3'	0.8190	33°03.1'	0.8004
4	53°59.9'	0.7792	4°11.3'	0.8161	13°01.9'	0.8095	55°19.0'	0.8196	33°31.6'	0.8000
5	54°29.8'	0.7793	4°38.8'	0.8096	12°34.0'	0.8104	54°51.7'	0.8202	34°00.1'	0.7997
6	54°59.7'	0.7794	5°06.7'	0.8047	12°06.2'	0.8114	54°24.4'	0.8208	34°28.7'	0.7994
7	55°29.6'	0.7795	5°34.9'	0.8011	11°38.4'	0.8125	53°57.3'	0.8214	34°57.3'	0.7991
8	55°59.6'	0.7796	6°03.4'	0.7983	11°10.6'	0.8138	53°30.1'	0.8219	35°25.8'	0.7988
9	56°29.5'	0.7796	6°32.0'	0.7961	10°43.0'	0.8152	53°03.0'	0.8226	35°54.5'	0.7985
10	56°59.4'	0.7797	7°00.8'	0.7943	10°15.5'	0.8167	52°35.9'	0.8232	36°23.1'	0.7983
11	57°29.2'	0.7798	7°29.7'	0.7929	9°48.0'	0.8185	52°08.8'	0.8238	36°51.7'	0.7980
12	57°59.1'	0.7799	7°58.7'	0.7917	9°20.7'	0.8206	51°41.8'	0.8245	37°20.4'	0.7978
13	58°29.0'	0.7799	8°27.8'	0.7908	8°53.5'	0.8230	51°14.9'	0.8251	37°49.1'	0.7975
14	58°58.9'	0.7800	8°56.9'	0.7900	8°26.4'	0.8257	50°47.9'	0.8258	38°17.7'	0.7973
15	59°28.8'	0.7801	9°26.1'	0.7893	7°59.5'	0.8290	50°21.1'	0.8265	38°46.5'	0.7971
16	59°58.6'	0.7801	9°55.4'	0.7887	7°32.8'	0.8329	49°54.2'	0.8272	39°15.2'	0.7969
17	60°28.5'	0.7802	10°24.7'	0.7882	7°06.4'	0.8376	49°27.4'	0.8279	39°43.9'	0.7967
18	60°58.4'	0.7802	10°54.0'	0.7878	6°40.2'	0.8434	49°00.7'	0.8286	40°12.7'	0.7964
19	61°28.2'	0.7803	11°23.3'	0.7874	6°14.4'	0.8505	48°34.0'	0.8293	40°41.4'	0.7962
20	61°58.1'	0.7803	11°52.7'	0.7871	5°49.0'	0.8594	48°07.3'	0.8301	41°10.2'	0.7961
21	62°27.9'	0.7803	12°22.1'	0.7868	5°24.1'	0.8708	47°40.7'	0.8309	41°39.0'	0.7959
22	62°57.8'	0.7804	12°51.5'	0.7865	4°59.9'	0.8856	47°14.1'	0.8317	42°07.8'	0.7957
23	63°27.6'	0.7804	13°20.9'	0.7863	4°36.5'	0.9053	46°47.6'	0.8325	42°36.6'	0.7955

Sun May 6, 2018 UTC

UTC	-Sun		+Jupiter		+Saturn		-Mars		-Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	112°41.9'	0.8231	63°57.5'	0.7804	13°50.3'	0.7861	4°14.1'	0.9319	46°21.1'	0.8333
1	112°14.9'	0.8231	64°27.3'	0.7804	14°19.8'	0.7859	3°53.0'	0.9691	45°54.7'	0.8342
2	111°47.8'	0.8231	64°57.2'	0.7804	14°49.3'	0.7857	3°33.7'	1.0225	45°28.3'	0.8350
3	111°20.8'	0.8231	65°27.0'	0.7804	15°18.7'	0.7856	3°16.6'	1.1023	45°02.0'	0.8360
4	110°53.7'	0.8231	65°56.8'	0.7804	15°48.2'	0.7854	3°02.4'	1.2282	44°35.7'	0.8369
5	110°26.7'	0.8231	66°26.7'	0.7804	16°17.7'	0.7853	2°51.8'	1.4510	44°09.5'	0.8378
6	109°59.6'	0.8231	66°56.5'	0.7804	16°47.2'	0.7852	2°45.4'	2.0510	43°43.4'	0.8388
7	109°32.6'	0.8231	67°26.4'	0.7804	17°16.8'	0.7850	2°43.8'	1.7357	43°17.3'	0.8398
8	109°05.5'	0.8231	67°56.2'	0.7804	17°46.3'	0.7849	2°47.1'	1.3555	42°51.3'	0.8409
9	108°38.5'	0.8230	68°26.1'	0.7804	18°15.8'	0.7848	2°55.0'	1.1767	42°25.3'	0.8419
10	108°11.4'	0.8230	68°55.9'	0.7803	18°45.4'	0.7847	3°07.0'	1.0703	41°59.4'	0.8430
11	107°44.4'	0.8230	69°25.8'	0.7803	19°14.9'	0.7846	3°22.3'	1.0013	41°33.6'	0.8442
12	107°17.3'	0.8229	69°55.6'	0.7803	19°44.5'	0.7844	3°40.3'	0.9544	41°07.8'	0.8453
13	106°50.2'	0.8229	70°25.5'	0.7802	20°14.1'	0.7843	4°00.3'	0.9214	40°42.1'	0.8465
14	106°23.2'	0.8228	70°55.3'	0.7802	20°43.6'	0.7842	4°21.8'	0.8975	40°16.5'	0.8478
15	105°56.1'	0.8227	71°25.2'	0.7801	21°13.2'	0.7841	4°44.6'	0.8797	39°50.9'	0.8491
16	105°29.0'	0.8227	71°55.0'	0.7801	21°42.8'	0.7840	5°08.4'	0.8662	39°25.4'	0.8504
17	105°01.9'	0.8226	72°24.9'	0.7800	22°12.4'	0.7839	5°32.9'	0.8558	39°00.0'	0.8518
18	104°34.9'	0.8225	72°54.8'	0.7799	22°42.0'	0.7838	5°57.9'	0.8475	38°34.7'	0.8532
19	104°07.8'	0.8225	73°24.7'	0.7799	23°11.6'	0.7836	6°23.5'	0.8409	38°09.5'	0.8547
20	103°40.7'	0.8224	73°54.5'	0.7798	23°41.3'	0.7835	6°49.5'	0.8355	37°44.3'	0.8563
21	103°13.6'	0.8223	74°24.4'	0.7797	24°10.9'	0.7834	7°15.8'	0.8311	37°19.3'	0.8579
22	102°46.5'	0.8222	74°54.3'	0.7796	24°40.5'	0.7833	7°42.3'	0.8274	36°54.3'	0.8595
23	102°19.4'	0.8221	75°24.2'	0.7795	25°10.2'	0.7832	8°09.1'	0.8243	36°29.4'	0.8612

Mon May 7, 2018 UTC

UTC	−Sun		+Jupiter		+Saturn		+Mars		−Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	101°52.3′	0.8220	75°54.1′	0.7794	25°39.8′	0.7830	8°36.1′	0.8216	36°04.6′	0.8630
1	101°25.2′	0.8219	76°24.0′	0.7793	26°09.5′	0.7829	9°03.2′	0.8193	35°40.0′	0.8649
2	100°58.0′	0.8217	76°53.9′	0.7792	26°39.2′	0.7827	9°30.5′	0.8173	35°15.4′	0.8668
3	100°30.9′	0.8216	77°23.9′	0.7791	27°08.9′	0.7826	9°57.9′	0.8156	34°50.9′	0.8688
4	100°03.7′	0.8215	77°53.8′	0.7790	27°38.5′	0.7825	10°25.4′	0.8141	34°26.6′	0.8709
5	99°36.6′	0.8213	78°23.7′	0.7789	28°08.2′	0.7823	10°53.1′	0.8127	34°02.4′	0.8731
6	99°09.4′	0.8212	78°53.7′	0.7788	28°38.0′	0.7822	11°20.8′	0.8115	33°38.2′	0.8754
7	98°42.3′	0.8211	79°23.7′	0.7786	29°07.7′	0.7820	11°48.6′	0.8104	33°14.3′	0.8777
8	98°15.1′	0.8209	79°53.6′	0.7785	29°37.4′	0.7818	12°16.4′	0.8094	32°50.4′	0.8802
9	97°47.9′	0.8208	80°23.6′	0.7783	30°07.2′	0.7817	12°44.3′	0.8084	32°26.7′	0.8828
10	97°20.7′	0.8206	80°53.6′	0.7782	30°36.9′	0.7815	13°12.3′	0.8076	32°03.1′	0.8855
11	96°53.5′	0.8204	81°23.6′	0.7780	31°06.7′	0.7813	13°40.3′	0.8068	31°39.7′	0.8883
12	96°26.3′	0.8202	81°53.6′	0.7779	31°36.5′	0.7812	14°08.4′	0.8061	31°16.4′	0.8913
13	95°59.1′	0.8201	82°23.6′	0.7777	32°06.3′	0.7810	14°36.6′	0.8054	30°53.3′	0.8944
14	95°31.8′	0.8199	82°53.6′	0.7776	32°36.1′	0.7808	15°04.7′	0.8048	30°30.3′	0.8976
15	95°04.6′	0.8197	83°23.7′	0.7774	33°05.9′	0.7806	15°32.9′	0.8042	30°07.5′	0.9010
16	94°37.3′	0.8195	83°53.7′	0.7772	33°35.7′	0.7804	16°01.2′	0.8036	29°44.9′	0.9046
17	94°10.0′	0.8193	84°23.8′	0.7770	34°05.6′	0.7802	16°29.5′	0.8031	29°22.5′	0.9083
18	93°42.7′	0.8191	84°53.9′	0.7768	34°35.4′	0.7800	16°57.8′	0.8025	29°00.3′	0.9123
19	93°15.4′	0.8189	85°24.0′	0.7767	35°05.3′	0.7798	17°26.2′	0.8020	28°38.3′	0.9164
20	92°48.1′	0.8187	85°54.1′	0.7765	35°35.2′	0.7796	17°54.6′	0.8015	28°16.4′	0.9207
21	92°20.8′	0.8184	86°24.2′	0.7763	36°05.1′	0.7794	18°23.0′	0.8011	27°54.8′	0.9253
22	91°53.4′	0.8182	86°54.3′	0.7760	36°35.0′	0.7791	18°51.5′	0.8006	27°33.5′	0.9301
23	91°26.1′	0.8180	87°24.5′	0.7758	37°04.9′	0.7789	19°20.0′	0.8002	27°12.3′	0.9352

Tue May 8, 2018 UTC

UTC	−Sun		+Jupiter		+Saturn		+Mars		−Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	90°58.7′	0.8177	87°54.6′	0.7756	37°34.9′	0.7787	19°48.5′	0.7997	26°51.4′	0.9406
1	90°31.3′	0.8175	88°24.8′	0.7754	38°04.9′	0.7784	20°17.0′	0.7993	26°30.8′	0.9462
2	90°03.9′	0.8172	88°55.0′	0.7752	38°34.8′	0.7782	20°45.6′	0.7989	26°10.4′	0.9522
3	89°36.5′	0.8170	89°25.2′	0.7749	39°04.8′	0.7779	21°14.2′	0.7985	25°50.3′	0.9584
4	89°09.1′	0.8167	89°55.4′	0.7747	39°34.8′	0.7777	21°42.8′	0.7981	25°30.5′	0.9651
5	88°41.6′	0.8164	90°25.7′	0.7745	40°04.9′	0.7774	22°11.5′	0.7977	25°11.0′	0.9722
6	88°14.2′	0.8162	90°55.9′	0.7742	40°34.9′	0.7772	22°40.2′	0.7973	24°51.8′	0.9796
7	87°46.7′	0.8159	91°26.2′	0.7740	41°05.0′	0.7769	23°08.9′	0.7969	24°32.9′	0.9875
8	87°19.2′	0.8156	91°56.5′	0.7737	41°35.1′	0.7766	23°37.6′	0.7965	24°14.4′	0.9959
9	86°51.6′	0.8153	92°26.8′	0.7734	42°05.2′	0.7764	24°06.4′	0.7961	23°56.2′	1.0048
10	86°24.1′	0.8150	92°57.1′	0.7732	42°35.3′	0.7761	24°35.2′	0.7957	23°38.4′	1.0143
11	85°56.5′	0.8147	93°27.5′	0.7729	43°05.4′	0.7758	25°04.0′	0.7953	23°21.0′	1.0244
12	85°29.0′	0.8144	93°57.8′	0.7726	43°35.6′	0.7755	25°32.8′	0.7949	23°04.0′	1.0352
13	85°01.4′	0.8141	94°28.2′	0.7723	44°05.8′	0.7752	26°01.7′	0.7945	22°47.4′	1.0466
14	84°33.8′	0.8138	94°58.6′	0.7720	44°36.0′	0.7749	26°30.6′	0.7941	22°31.2′	1.0589
15	84°06.1′	0.8135	95°29.0′	0.7718	45°06.2′	0.7746	26°59.5′	0.7937	22°15.5′	1.0719
16	83°38.5′	0.8131	95°59.5′	0.7715	45°36.5′	0.7743	27°28.4′	0.7933	22°00.3′	1.0859
17	83°10.8′	0.8128	96°30.0′	0.7712	46°06.7′	0.7740	27°57.4′	0.7929	21°45.5′	1.1010
18	82°43.1′	0.8125	97°00.4′	0.7709	46°37.0′	0.7737	28°26.4′	0.7925	21°31.2′	1.1171
19	82°15.4′	0.8121	97°30.9′	0.7705	47°07.3′	0.7734	28°55.4′	0.7921	21°17.5′	1.1344
20	81°47.6′	0.8118	98°01.5′	0.7702	47°37.7′	0.7730	29°24.5′	0.7917	21°04.3′	1.1531
21	81°19.9′	0.8114	98°32.0′	0.7699	48°08.0′	0.7727	29°53.6′	0.7913	20°51.6′	1.1734
22	80°52.1′	0.8111	99°02.6′	0.7696	48°38.4′	0.7724	30°22.7′	0.7909	20°39.6′	1.1953
23	80°24.3′	0.8107	99°33.2′	0.7693	49°08.8′	0.7720	30°51.8′	0.7905	20°28.1′	1.2190

Wed May 9, 2018 UTC

UTC	−Sun		+Jupiter		+Saturn		+Mars	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	79°56.4′	0.8104	100°03.8′	0.7689	49°39.2′	0.7717	31°20.9′	0.7901
1	79°28.6′	0.8100	100°34.5′	0.7686	50°09.7′	0.7713	31°50.1′	0.7897
2	79°00.7′	0.8096	101°05.1′	0.7682	50°40.2′	0.7710	32°19.4′	0.7893
3	78°32.8′	0.8092	101°35.8′	0.7679	51°10.7′	0.7706	32°48.6′	0.7888
4	78°04.9′	0.8088	102°06.5′	0.7675	51°41.2′	0.7702	33°17.9′	0.7884
5	77°36.9′	0.8085	102°37.3′	0.7672	52°11.7′	0.7699	33°47.2′	0.7880
6	77°08.9′	0.8081	103°08.1′	0.7668	52°42.3′	0.7695	34°16.5′	0.7876
7	76°40.9′	0.8077	103°38.8′	0.7665	53°12.9′	0.7691	34°45.9′	0.7871
8	76°12.9′	0.8073	104°09.7′	0.7661	53°43.5′	0.7687	35°15.2′	0.7867
9	75°44.9′	0.8069	104°40.5′	0.7657	54°14.2′	0.7684	35°44.7′	0.7863
10	75°16.8′	0.8064	105°11.4′	0.7654	54°44.9′	0.7680	36°14.1′	0.7858
11	74°48.7′	0.8060	105°42.3′	0.7650	55°15.6′	0.7676	36°43.6′	0.7854
12	74°20.5′	0.8056	106°13.2′	0.7646	55°46.3′	0.7672	37°13.1′	0.7849
13	73°52.4′	0.8052	106°44.1′	0.7642	56°17.1′	0.7668	37°42.6′	0.7845
14	73°24.2′	0.8047	107°15.1′	0.7638	56°47.9′	0.7664	38°12.2′	0.7840
15	72°56.0′	0.8043	107°46.1′	0.7634	57°18.7′	0.7660	38°41.8′	0.7836
16	72°27.7′	0.8039	108°17.2′	0.7630	57°49.6′	0.7655	39°11.4′	0.7831
17	71°59.4′	0.8034	108°48.2′	0.7626	58°20.5′	0.7651	39°41.1′	0.7826
18	71°31.1′	0.8030	109°19.3′	0.7622	58°51.4′	0.7647	40°10.8′	0.7822
19	71°02.8′	0.8025	109°50.5′	0.7618	59°22.3′	0.7643	40°40.5′	0.7817
20	70°34.4′	0.8021	110°21.6′	0.7614	59°53.3′	0.7638	41°10.2′	0.7812
21	70°06.0′	0.8016	110°52.8′	0.7609	60°24.3′	0.7634	41°40.0′	0.7808
22	69°37.6′	0.8012	111°24.0′	0.7605	60°55.3′	0.7630	42°09.8′	0.7803
23	69°09.2′	0.8007	111°55.2′	0.7601	61°26.4′	0.7625	42°39.7′	0.7798

Thu May 10, 2018 UTC

UTC	−Sun		+Jupiter		+Saturn		+Mars	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	68°40.7′	0.8002	112°26.5′	0.7597	61°57.5′	0.7621	43°09.6′	0.7793
1	68°12.2′	0.7997	112°57.8′	0.7592	62°28.6′	0.7616	43°39.5′	0.7788
2	67°43.6′	0.7993	113°29.2′	0.7588	62°59.8′	0.7612	44°09.5′	0.7783
3	67°15.1′	0.7988	114°00.5′	0.7584	63°31.0′	0.7607	44°39.4′	0.7778
4	66°46.4′	0.7983	114°31.9′	0.7579	64°02.2′	0.7603	45°09.5′	0.7773
5	66°17.8′	0.7978	115°03.4′	0.7575	64°33.5′	0.7598	45°39.5′	0.7768
6	65°49.1′	0.7973	115°34.8′	0.7570	65°04.8′	0.7593	46°09.6′	0.7763
7	65°20.4′	0.7968	116°06.3′	0.7566	65°36.1′	0.7588	46°39.7′	0.7758
8	64°51.7′	0.7963	116°37.8′	0.7561	66°07.5′	0.7584	47°09.9′	0.7753
9	64°22.9′	0.7958	117°09.4′	0.7556	66°38.9′	0.7579	47°40.1′	0.7748
10	63°54.1′	0.7953	117°41.0′	0.7552	67°10.3′	0.7574	48°10.3′	0.7743
11	63°25.3′	0.7948	118°12.6′	0.7547	67°41.8′	0.7569	48°40.6′	0.7738
12	62°56.4′	0.7943	118°44.3′	0.7542	68°13.3′	0.7564	49°10.9′	0.7732
13	62°27.5′	0.7938	119°16.0′	0.7538	68°44.8′	0.7560	49°41.2′	0.7727
14	61°58.6′	0.7933	119°47.7′	0.7533	69°16.4′	0.7555	50°11.6′	0.7722
15	61°29.6′	0.7928	120°19.5′	0.7528	69°48.0′	0.7550	50°42.0′	0.7717
16	61°00.6′	0.7922	120°51.3′	0.7524	70°19.6′	0.7545	51°12.5′	0.7711
17	60°31.5′	0.7917	121°23.1′	0.7519	70°51.3′	0.7540	51°43.0′	0.7706
18	60°02.5′	0.7912	121°55.0′	0.7514	71°23.0′	0.7535	52°13.5′	0.7700
19	59°33.4′	0.7907	122°26.9′	0.7509	71°54.8′	0.7530	52°44.1′	0.7695
20	59°04.2′	0.7901	122°58.8′	0.7504	72°26.6′	0.7524	53°14.7′	0.7690
21	58°35.0′	0.7896	123°30.8′	0.7499	72°58.4′	0.7519	53°45.3′	0.7684
22	58°05.8′	0.7891	124°02.8′	0.7494	73°30.3′	0.7514	54°16.0′	0.7679
23	57°36.6′	0.7885	124°34.9′	0.7489	74°02.2′	0.7509	54°46.7′	0.7673

Fri May 11, 2018 UTC

UTC	−Sun		+Saturn		+Mars		+Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	57°07.3′	0.7880	74°34.1′	0.7504	55°17.5′	0.7668	25°37.1′	0.9287
1	56°37.9′	0.7875	75°06.1′	0.7499	55°48.3′	0.7662	25°58.3′	0.9214
2	56°08.6′	0.7869	75°38.1′	0.7493	56°19.1′	0.7657	26°19.9′	0.9144
3	55°39.2′	0.7864	76°10.2′	0.7488	56°50.0′	0.7651	26°41.8′	0.9078
4	55°09.7′	0.7858	76°42.3′	0.7483	57°20.9′	0.7645	27°04.1′	0.9015
5	54°40.3′	0.7853	77°14.4′	0.7477	57°51.9′	0.7640	27°26.7′	0.8955
6	54°10.8′	0.7847	77°46.6′	0.7472	58°22.9′	0.7634	27°49.6′	0.8898
7	53°41.2′	0.7842	78°18.8′	0.7467	58°53.9′	0.7628	28°12.8′	0.8843
8	53°11.6′	0.7837	78°51.1′	0.7461	59°25.0′	0.7623	28°36.3′	0.8791
9	52°42.0′	0.7831	79°23.4′	0.7456	59°56.1′	0.7617	29°00.0′	0.8741
10	52°12.3′	0.7826	79°55.7′	0.7451	60°27.2′	0.7611	29°24.1′	0.8693
11	51°42.6′	0.7820	80°28.1′	0.7445	60°58.4′	0.7606	29°48.4′	0.8647
12	51°12.9′	0.7815	81°00.5′	0.7440	61°29.7′	0.7600	30°13.0′	0.8603
13	50°43.1′	0.7809	81°33.0′	0.7434	62°01.0′	0.7594	30°37.8′	0.8561
14	50°13.3′	0.7803	82°05.5′	0.7429	62°32.3′	0.7588	31°02.9′	0.8521
15	49°43.5′	0.7798	82°38.0′	0.7423	63°03.6′	0.7583	31°28.2′	0.8482
16	49°13.6′	0.7792	83°10.6′	0.7418	63°35.1′	0.7577	31°53.7′	0.8445
17	48°43.7′	0.7787	83°43.2′	0.7412	64°06.5′	0.7571	32°19.5′	0.8409
18	48°13.7′	0.7781	84°15.8′	0.7407	64°38.0′	0.7565	32°45.4′	0.8375
19	47°43.7′	0.7776	84°48.6′	0.7401	65°09.5′	0.7559	33°11.6′	0.8342
20	47°13.7′	0.7770	85°21.3′	0.7396	65°41.1′	0.7554	33°38.0′	0.8310
21	46°43.6′	0.7765	85°54.1′	0.7390	66°12.7′	0.7548	34°04.5′	0.8279
22	46°13.5′	0.7759	86°26.9′	0.7385	66°44.4′	0.7542	34°31.3′	0.8249
23	45°43.3′	0.7754	86°59.8′	0.7379	67°16.1′	0.7536	34°58.2′	0.8221

Sat May 12, 2018 UTC

UTC	−Sun		+Saturn		+Mars		+Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	45°13.1′	0.7749	87°32.7′	0.7374	67°47.8′	0.7530	35°25.3′	0.8193
1	44°42.9′	0.7743	88°05.6′	0.7368	68°19.6′	0.7524	35°52.6′	0.8166
2	44°12.6′	0.7738	88°38.6′	0.7363	68°51.4′	0.7518	36°20.1′	0.8140
3	43°42.3′	0.7732	89°11.7′	0.7357	69°23.3′	0.7513	36°47.7′	0.8115
4	43°12.0′	0.7727	89°44.8′	0.7351	69°55.2′	0.7507	37°15.5′	0.8091
5	42°41.6′	0.7721	90°17.9′	0.7346	70°27.2′	0.7501	37°43.4′	0.8067
6	42°11.2′	0.7716	90°51.0′	0.7340	70°59.2′	0.7495	38°11.5′	0.8044
7	41°40.7′	0.7711	91°24.3′	0.7335	71°31.2′	0.7489	38°39.8′	0.8022
8	41°10.2′	0.7706	91°57.5′	0.7329	72°03.3′	0.7483	39°08.1′	0.8001
9	40°39.7′	0.7700	92°30.8′	0.7324	72°35.5′	0.7477	39°36.7′	0.7980
10	40°09.1′	0.7695	93°04.1′	0.7318	73°07.6′	0.7472	40°05.3′	0.7959
11	39°38.5′	0.7690	93°37.5′	0.7312	73°39.8′	0.7466	40°34.1′	0.7940
12	39°07.9′	0.7685	94°10.9′	0.7307	74°12.1′	0.7460	41°03.1′	0.7920
13	38°37.2′	0.7680	94°44.4′	0.7301	74°44.4′	0.7454	41°32.1′	0.7902
14	38°06.5′	0.7675	95°17.9′	0.7296	75°16.8′	0.7448	42°01.3′	0.7883
15	37°35.8′	0.7670	95°51.5′	0.7290	75°49.2′	0.7442	42°30.6′	0.7866
16	37°05.0′	0.7665	96°25.0′	0.7285	76°21.6′	0.7437	43°00.0′	0.7848
17	36°34.2′	0.7660	96°58.7′	0.7279	76°54.1′	0.7431	43°29.6′	0.7831
18	36°03.3′	0.7655	97°32.4′	0.7274	77°26.6′	0.7425	43°59.2′	0.7815
19	35°32.4′	0.7650	98°06.1′	0.7268	77°59.2′	0.7419	44°29.0′	0.7799
20	35°01.5′	0.7645	98°39.8′	0.7263	78°31.8′	0.7413	44°58.9′	0.7783
21	34°30.5′	0.7641	99°13.7′	0.7257	79°04.4′	0.7408	45°28.9′	0.7768
22	33°59.6′	0.7636	99°47.5′	0.7252	79°37.1′	0.7402	45°59.0′	0.7753
23	33°28.5′	0.7632	100°21.4′	0.7246	80°09.9′	0.7396	46°29.2′	0.7738

Sun May 13, 2018 UTC

UTC	+Saturn		+Mars		+Formalhaut		+Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	100°55.3'	0.7241	80°42.6'	0.7391	46°59.5'	0.7724	81°30.9'	0.7827
1	101°29.3'	0.7235	81°15.5'	0.7385	47°29.9'	0.7710	82°00.6'	0.7820
2	102°03.3'	0.7230	81°48.3'	0.7379	48°00.3'	0.7697	82°30.3'	0.7814
3	102°37.4'	0.7224	82°21.3'	0.7373	48°30.9'	0.7683	83°00.1'	0.7807
4	103°11.5'	0.7219	82°54.2'	0.7368	49°01.6'	0.7670	83°29.9'	0.7800
5	103°45.6'	0.7214	83°27.2'	0.7362	49°32.4'	0.7657	83°59.8'	0.7794
6	104°19.8'	0.7208	84°00.2'	0.7357	50°03.3'	0.7645	84°29.7'	0.7787
7	104°54.1'	0.7203	84°33.3'	0.7351	50°34.2'	0.7633	84°59.7'	0.7781
8	105°28.3'	0.7198	85°06.5'	0.7345	51°05.3'	0.7620	85°29.7'	0.7775
9	106°02.7'	0.7192	85°39.6'	0.7340	51°36.4'	0.7609	85°59.8'	0.7769
10	106°37.0'	0.7187	86°12.8'	0.7334	52°07.6'	0.7597	86°29.8'	0.7763
11	107°11.4'	0.7182	86°46.1'	0.7329	52°38.9'	0.7586	86°60.0'	0.7757
12	107°45.9'	0.7177	87°19.4'	0.7323	53°10.3'	0.7575	87°30.1'	0.7751
13	108°20.3'	0.7172	87°52.7'	0.7318	53°41.8'	0.7564	88°00.4'	0.7746
14	108°54.9'	0.7166	88°26.1'	0.7313	54°13.3'	0.7553	88°30.6'	0.7740
15	109°29.4'	0.7161	88°59.5'	0.7307	54°44.9'	0.7543	89°00.9'	0.7735
16	110°04.0'	0.7156	89°33.0'	0.7302	55°16.6'	0.7532	89°31.2'	0.7730
17	110°38.7'	0.7151	90°06.5'	0.7296	55°48.4'	0.7522	90°01.6'	0.7725
18	111°13.4'	0.7146	90°40.0'	0.7291	56°20.3'	0.7512	90°32.0'	0.7720
19	111°48.1'	0.7141	91°13.6'	0.7286	56°52.2'	0.7503	91°02.4'	0.7715
20	112°22.9'	0.7136	91°47.2'	0.7281	57°24.2'	0.7493	91°32.9'	0.7710
21	112°57.7'	0.7131	92°20.9'	0.7276	57°56.2'	0.7484	92°03.4'	0.7706
22	113°32.5'	0.7126	92°54.6'	0.7270	58°28.4'	0.7475	92°33.9'	0.7701
23	114°07.4'	0.7121	93°28.4'	0.7265	59°00.6'	0.7465	93°04.5'	0.7697

Mon May 14, 2018 UTC

UTC	+Saturn		+Mars		+Formalhaut		+Deneb	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	114°42.3'	0.7116	94°02.2'	0.7260	59°32.8'	0.7457	78°59.2'	1.0683
1	115°17.3'	0.7111	94°36.0'	0.7255	60°05.1'	0.7448	79°14.6'	1.0663
2	115°52.3'	0.7107	95°09.8'	0.7250	60°37.5'	0.7439	79°30.1'	1.0643
3	116°27.4'	0.7102	95°43.8'	0.7245	61°10.0'	0.7431	79°45.6'	1.0624
4	117°02.4'	0.7097	96°17.7'	0.7240	61°42.5'	0.7423	80°01.2'	1.0606
5	117°37.6'	0.7092	96°51.7'	0.7235	62°15.1'	0.7415	80°16.8'	1.0588
6	118°12.7'	0.7088	97°25.7'	0.7230	62°47.8'	0.7407	80°32.5'	1.0570
7	118°47.9'	0.7083	97°59.8'	0.7226	63°20.5'	0.7399	80°48.3'	1.0553
8	119°23.1'	0.7079	98°33.9'	0.7221	63°53.2'	0.7391	81°04.2'	1.0536
9	119°58.4'	0.7074	99°08.0'	0.7216	64°26.0'	0.7384	81°20.1'	1.0520
10	120°33.7'	0.7070	99°42.2'	0.7211	64°58.9'	0.7376	81°36.1'	1.0504
11	121°09.1'	0.7065	100°16.4'	0.7207	65°31.8'	0.7369	81°52.1'	1.0488
12	121°44.4'	0.7061	100°50.6'	0.7202	66°04.8'	0.7362	82°08.2'	1.0473
13	122°19.9'	0.7056	101°24.9'	0.7198	66°37.9'	0.7355	82°24.3'	1.0459
14	122°55.3'	0.7052	101°59.2'	0.7193	67°11.0'	0.7348	82°40.5'	1.0444
15	123°30.8'	0.7048	102°33.6'	0.7189	67°44.1'	0.7341	82°56.8'	1.0431
16	124°06.3'	0.7044	103°08.0'	0.7184	68°17.3'	0.7335	83°13.1'	1.0417
17	124°41.9'	0.7040	103°42.4'	0.7180	68°50.6'	0.7328	83°29.4'	1.0405
18	125°17.5'	0.7035	104°16.8'	0.7175	69°23.9'	0.7322	83°45.8'	1.0392
19	125°53.1'	0.7031	104°51.3'	0.7171	69°57.2'	0.7316	84°02.3'	1.0380
20	126°28.7'	0.7027	105°25.9'	0.7167	70°30.6'	0.7310	84°18.7'	1.0369
21	127°04.4'	0.7023	106°00.4'	0.7163	71°04.1'	0.7304	84°35.3'	1.0358
22	127°40.2'	0.7019	106°35.0'	0.7159	71°37.5'	0.7298	84°51.9'	1.0347
23	128°15.9'	0.7016	107°09.6'	0.7155	72°11.1'	0.7292	85°08.5'	1.0337

Thu May 17, 2018 UTC

UTC	-Venus		-Regulus		-Pollux		-Procyon		+Aldebaran	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	11°39.3'	0.7703	73°30.7'	0.6904	38°16.1'	0.7016	40°31.1'	0.7276	6°45.2'	0.6963
1	11°08.8'	0.7747	72°54.0'	0.6903	37°40.3'	0.7019	39°57.4'	0.7284	7°21.4'	0.6953
2	10°38.5'	0.7799	72°17.2'	0.6903	37°04.6'	0.7021	39°23.8'	0.7294	7°57.7'	0.6945
3	10°08.6'	0.7859	71°40.5'	0.6902	36°28.8'	0.7024	38°50.2'	0.7303	8°34.1'	0.6938
4	9°39.2'	0.7930	71°03.8'	0.6901	35°53.1'	0.7027	38°16.7'	0.7314	9°10.5'	0.6933
5	9°10.2'	0.8015	70°27.0'	0.6900	35°17.4'	0.7030	37°43.3'	0.7325	9°47.0'	0.6928
6	8°41.7'	0.8117	69°50.3'	0.6900	34°41.8'	0.7033	37°10.0'	0.7336	10°23.5'	0.6924
7	8°14.0'	0.8241	69°13.5'	0.6899	34°06.1'	0.7037	36°36.8'	0.7349	11°00.1'	0.6921
8	7°47.0'	0.8393	68°36.8'	0.6899	33°30.5'	0.7041	36°03.6'	0.7362	11°36.7'	0.6918
9	7°20.9'	0.8580	68°00.0'	0.6898	32°54.9'	0.7045	35°30.6'	0.7375	12°13.3'	0.6916
10	6°56.0'	0.8814	67°23.2'	0.6898	32°19.4'	0.7050	34°57.6'	0.7390	12°49.9'	0.6914
11	6°32.3'	0.9112	66°46.5'	0.6897	31°43.9'	0.7055	34°24.8'	0.7405	13°26.5'	0.6912
12	6°10.2'	0.9494	66°09.7'	0.6897	31°08.4'	0.7061	33°52.1'	0.7422	14°03.2'	0.6910
13	5°50.0'	0.9995	65°32.9'	0.6897	30°33.0'	0.7067	33°19.5'	0.7439	14°39.8'	0.6909
14	5°32.0'	1.0666	64°56.1'	0.6897	29°57.6'	0.7073	32°47.0'	0.7457	15°16.5'	0.6908
15	5°16.5'	1.1596	64°19.4'	0.6897	29°22.3'	0.7080	32°14.7'	0.7477	15°53.2'	0.6907
16	5°04.1'	1.2956	63°42.6'	0.6897	28°47.1'	0.7087	31°42.5'	0.7497	16°29.9'	0.6906
17	4°55.0'	1.5194	63°05.8'	0.6897	28°11.9'	0.7095	31°10.5'	0.7519	17°06.6'	0.6905
18	4°49.5'	2.0607	62°29.0'	0.6897	27°36.7'	0.7103	30°38.6'	0.7542	17°43.3'	0.6905
19	4°48.0'	1.8796	61°52.3'	0.6897	27°01.7'	0.7112	30°06.9'	0.7567	18°20.0'	0.6904
20	4°50.3'	1.4615	61°15.5'	0.6897	26°26.7'	0.7122	29°35.4'	0.7593	18°56.7'	0.6904
21	4°56.6'	1.2627	60°38.7'	0.6898	25°51.7'	0.7133	29°04.1'	0.7621	19°33.4'	0.6904
22	5°06.4'	1.1378	60°01.9'	0.6898	25°16.9'	0.7144	28°32.9'	0.7650	20°10.2'	0.6904
23	5°19.5'	1.0512	59°25.2'	0.6898	24°42.2'	0.7156	28°02.0'	0.7682	20°46.9'	0.6904

Fri May 18, 2018 UTC

UTC	+Venus		-Arcturus		-Spica		-Acrux		-Regulus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	5°35.5'	0.9882	111°22.7'	0.7431	112°34.5'	0.6935	110°33.1'	1.0591	58°48.4'	0.6899
1	5°54.0'	0.9409	110°50.1'	0.7427	111°58.1'	0.6935	110°17.4'	1.0558	58°11.6'	0.6899
2	6°14.6'	0.9047	110°17.6'	0.7424	111°21.6'	0.6935	110°01.6'	1.0527	57°34.9'	0.6900
3	6°37.0'	0.8764	109°45.0'	0.7420	110°45.2'	0.6935	109°45.7'	1.0497	56°58.1'	0.6901
4	7°01.0'	0.8541	109°12.4'	0.7417	110°08.7'	0.6936	109°29.6'	1.0467	56°21.4'	0.6901
5	7°26.1'	0.8362	108°39.8'	0.7414	109°32.3'	0.6936	109°13.4'	1.0438	55°44.6'	0.6902
6	7°52.4'	0.8217	108°07.1'	0.7411	108°55.8'	0.6937	108°57.2'	1.0411	55°07.9'	0.6903
7	8°19.5'	0.8098	107°34.5'	0.7408	108°19.4'	0.6937	108°40.8'	1.0383	54°31.2'	0.6904
8	8°47.4'	0.8000	107°01.8'	0.7406	107°42.9'	0.6938	108°24.3'	1.0357	53°54.5'	0.6905
9	9°15.9'	0.7919	106°29.1'	0.7404	107°06.5'	0.6939	108°07.7'	1.0331	53°17.7'	0.6906
10	9°45.0'	0.7850	105°56.3'	0.7402	106°30.1'	0.6939	107°51.0'	1.0306	52°41.0'	0.6907
11	10°14.5'	0.7792	105°23.6'	0.7400	105°53.7'	0.6940	107°34.3'	1.0282	52°04.3'	0.6908
12	10°44.5'	0.7742	104°50.8'	0.7398	105°17.2'	0.6941	107°17.4'	1.0259	51°27.7'	0.6909
13	11°14.7'	0.7700	104°18.1'	0.7396	104°40.8'	0.6942	107°00.4'	1.0236	50°51.0'	0.6910
14	11°45.3'	0.7663	103°45.3'	0.7395	104°04.4'	0.6943	106°43.4'	1.0214	50°14.3'	0.6911
15	12°16.1'	0.7631	103°12.5'	0.7394	103°28.1'	0.6944	106°26.3'	1.0192	49°37.7'	0.6913
16	12°47.2'	0.7604	102°39.7'	0.7393	102°51.7'	0.6945	106°09.0'	1.0172	49°01.0'	0.6914
17	13°18.5'	0.7580	102°06.9'	0.7392	102°15.3'	0.6947	105°51.7'	1.0151	48°24.4'	0.6915
18	13°49.9'	0.7559	101°34.1'	0.7391	101°38.9'	0.6948	105°34.4'	1.0132	47°47.8'	0.6917
19	14°21.5'	0.7540	101°01.2'	0.7391	101°02.6'	0.6949	105°16.9'	1.0113	47°11.2'	0.6918
20	14°53.2'	0.7524	100°28.4'	0.7390	100°26.3'	0.6950	104°59.4'	1.0095	46°34.6'	0.6920
21	15°25.0'	0.7509	99°55.6'	0.7390	99°49.9'	0.6952	104°41.7'	1.0077	45°58.0'	0.6921
22	15°57.0'	0.7497	99°22.8'	0.7390	99°13.6'	0.6953	104°24.1'	1.0060	45°21.4'	0.6923
23	16°29.0'	0.7485	98°49.9'	0.7390	98°37.3'	0.6955	104°06.3'	1.0043	44°44.8'	0.6925



## Sat May 19, 2018 UTC

UTC	+Sun		+Venus		-Rigel Kentaurus		-Arcturus		-Hadar	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	48°02.8'	0.7249	17°01.1'	0.7475	119°02.8'	0.9568	98°17.1'	0.7390	114°44.6'	0.9457
1	48°36.7'	0.7250	17°33.3'	0.7466	118°42.9'	0.9538	97°44.3'	0.7391	114°24.2'	0.9433
2	49°10.6'	0.7251	18°05.6'	0.7459	118°22.9'	0.9508	97°11.5'	0.7391	114°03.7'	0.9410
3	49°44.5'	0.7253	18°37.9'	0.7452	118°02.7'	0.9479	96°38.6'	0.7392	113°43.1'	0.9388
4	50°18.4'	0.7254	19°10.2'	0.7445	117°42.4'	0.9451	96°05.8'	0.7393	113°22.3'	0.9366
5	50°52.3'	0.7256	19°42.7'	0.7440	117°22.0'	0.9424	95°33.0'	0.7394	113°01.5'	0.9345
6	51°26.1'	0.7258	20°15.1'	0.7435	117°01.4'	0.9398	95°00.2'	0.7395	112°40.6'	0.9325
7	51°60.0'	0.7259	20°47.6'	0.7431	116°40.7'	0.9372	94°27.4'	0.7396	112°19.5'	0.9305
8	52°33.8'	0.7261	21°20.1'	0.7427	116°19.9'	0.9348	93°54.6'	0.7397	111°58.4'	0.9286
9	53°07.6'	0.7263	21°52.7'	0.7424	115°59.0'	0.9324	93°21.8'	0.7399	111°37.2'	0.9267
10	53°41.4'	0.7265	22°25.2'	0.7421	115°38.0'	0.9301	92°49.1'	0.7400	111°15.9'	0.9250
11	54°15.2'	0.7267	22°57.8'	0.7419	115°16.9'	0.9278	92°16.3'	0.7402	110°54.5'	0.9232
12	54°49.0'	0.7269	23°30.5'	0.7417	114°55.6'	0.9256	91°43.6'	0.7404	110°33.0'	0.9216
13	55°22.8'	0.7271	24°03.1'	0.7415	114°34.2'	0.9235	91°10.9'	0.7406	110°11.5'	0.9199
14	55°56.5'	0.7273	24°35.7'	0.7414	114°12.8'	0.9215	90°38.2'	0.7408	109°49.8'	0.9184
15	56°30.2'	0.7275	25°08.4'	0.7413	113°51.2'	0.9196	90°05.5'	0.7410	109°28.1'	0.9169
16	57°03.9'	0.7277	25°41.0'	0.7412	113°29.5'	0.9177	89°32.8'	0.7413	109°06.3'	0.9155
17	57°37.6'	0.7280	26°13.7'	0.7411	113°07.8'	0.9158	89°00.1'	0.7415	108°44.4'	0.9141
18	58°11.3'	0.7282	26°46.4'	0.7411	112°45.9'	0.9140	88°27.5'	0.7418	108°22.5'	0.9127
19	58°45.0'	0.7284	27°19.0'	0.7411	112°24.0'	0.9123	87°54.9'	0.7421	108°00.5'	0.9114
20	59°18.6'	0.7287	27°51.7'	0.7411	112°02.0'	0.9107	87°22.3'	0.7424	107°38.4'	0.9102
21	59°52.2'	0.7289	28°24.4'	0.7411	111°39.9'	0.9091	86°49.7'	0.7427	107°16.3'	0.9090
22	60°25.8'	0.7292	28°57.0'	0.7412	111°17.7'	0.9075	86°17.2'	0.7430	106°54.1'	0.9078
23	60°59.4'	0.7294	29°29.7'	0.7412	110°55.4'	0.9060	85°44.6'	0.7433	106°31.8'	0.9067

## Sun May 20, 2018 UTC

UTC	+Sun		+Venus		-Jupiter		-Rigel Kentaurus		-Arcturus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	61°33.0'	0.7297	30°02.4'	0.7413	106°29.5'	0.6950	110°33.0'	0.9046	85°12.1'	0.7437
1	62°06.5'	0.7299	30°35.0'	0.7414	105°53.1'	0.6953	110°10.6'	0.9032	84°39.6'	0.7440
2	62°40.0'	0.7302	31°07.7'	0.7415	105°16.8'	0.6955	109°48.1'	0.9019	84°07.2'	0.7444
3	63°13.5'	0.7305	31°40.3'	0.7416	104°40.5'	0.6958	109°25.6'	0.9006	83°34.8'	0.7448
4	63°47.0'	0.7307	32°12.9'	0.7418	104°04.3'	0.6960	109°02.9'	0.8994	83°02.4'	0.7452
5	64°20.5'	0.7310	32°45.6'	0.7419	103°28.0'	0.6963	108°40.2'	0.8982	82°30.0'	0.7456
6	64°53.9'	0.7313	33°18.2'	0.7421	102°51.8'	0.6966	108°17.5'	0.8970	81°57.7'	0.7460
7	65°27.3'	0.7316	33°50.8'	0.7422	102°15.6'	0.6969	107°54.7'	0.8959	81°25.4'	0.7464
8	66°00.7'	0.7319	34°23.4'	0.7424	101°39.4'	0.6971	107°31.8'	0.8949	80°53.1'	0.7468
9	66°34.1'	0.7322	34°55.9'	0.7426	101°03.3'	0.6974	107°08.9'	0.8939	80°20.8'	0.7473
10	67°07.5'	0.7324	35°28.5'	0.7428	100°27.2'	0.6977	106°45.9'	0.8929	79°48.6'	0.7478
11	67°40.8'	0.7327	36°01.0'	0.7430	99°51.1'	0.6980	106°22.9'	0.8920	79°16.5'	0.7482
12	68°14.1'	0.7330	36°33.6'	0.7432	99°15.0'	0.6983	105°59.8'	0.8911	78°44.3'	0.7487
13	68°47.4'	0.7333	37°06.1'	0.7434	98°38.9'	0.6986	105°36.6'	0.8903	78°12.2'	0.7492
14	69°20.6'	0.7337	37°38.6'	0.7436	98°02.9'	0.6989	105°13.5'	0.8895	77°40.1'	0.7498
15	69°53.9'	0.7340	38°11.1'	0.7438	97°26.9'	0.6992	104°50.2'	0.8887	77°08.1'	0.7503
16	70°27.1'	0.7343	38°43.5'	0.7441	96°50.9'	0.6995	104°27.0'	0.8880	76°36.1'	0.7508
17	71°00.3'	0.7346	39°16.0'	0.7443	96°14.9'	0.6998	104°03.7'	0.8873	76°04.2'	0.7514
18	71°33.4'	0.7349	39°48.4'	0.7446	95°39.0'	0.7001	103°40.4'	0.8867	75°32.3'	0.7519
19	72°06.6'	0.7352	40°20.8'	0.7448	95°03.1'	0.7004	103°17.0'	0.8860	75°00.4'	0.7525
20	72°39.7'	0.7355	40°53.2'	0.7451	94°27.2'	0.7007	102°53.6'	0.8855	74°28.6'	0.7531
21	73°12.8'	0.7359	41°25.6'	0.7453	93°51.3'	0.7010	102°30.2'	0.8849	73°56.8'	0.7537
22	73°45.9'	0.7362	41°58.0'	0.7456	93°15.5'	0.7013	102°06.7'	0.8844	73°25.1'	0.7544
23	74°18.9'	0.7365	42°30.3'	0.7459	92°39.7'	0.7016	101°43.2'	0.8839	72°53.4'	0.7550

Mon May 21, 2018 UTC

UTC	+Sun		+Venus		-Jupiter		-Antares		-Rigel Kentaurus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	74°51.9'	0.7368	43°02.6'	0.7461	92°03.9'	0.7019	115°12.5'	0.7111	101°19.7'	0.8835
1	75°24.9'	0.7372	43°34.9'	0.7464	91°28.2'	0.7023	114°37.5'	0.7114	100°56.2'	0.8831
2	75°57.9'	0.7375	44°07.2'	0.7467	90°52.4'	0.7026	114°02.5'	0.7116	100°32.6'	0.8827
3	76°30.8'	0.7379	44°39.4'	0.7470	90°16.7'	0.7029	113°27.6'	0.7119	100°09.0'	0.8823
4	77°03.7'	0.7382	45°11.7'	0.7473	89°41.1'	0.7032	112°52.6'	0.7122	99°45.4'	0.8820
5	77°36.6'	0.7385	45°43.9'	0.7476	89°05.4'	0.7035	112°17.7'	0.7124	99°21.8'	0.8817
6	78°09.5'	0.7389	46°16.0'	0.7479	88°29.8'	0.7039	111°42.8'	0.7127	98°58.2'	0.8815
7	78°42.3'	0.7392	46°48.2'	0.7482	87°54.2'	0.7042	111°07.9'	0.7130	98°34.5'	0.8813
8	79°15.2'	0.7396	47°20.4'	0.7485	87°18.6'	0.7045	110°33.1'	0.7133	98°10.9'	0.8811
9	79°47.9'	0.7399	47°52.5'	0.7488	86°43.1'	0.7049	109°58.2'	0.7136	97°47.2'	0.8809
10	80°20.7'	0.7403	48°24.6'	0.7491	86°07.6'	0.7052	109°23.4'	0.7138	97°23.5'	0.8807
11	80°53.4'	0.7406	48°56.6'	0.7495	85°32.1'	0.7055	108°48.6'	0.7141	96°59.8'	0.8806
12	81°26.1'	0.7410	49°28.7'	0.7498	84°56.6'	0.7059	108°13.9'	0.7144	96°36.1'	0.8806
13	81°58.8'	0.7413	50°00.7'	0.7501	84°21.2'	0.7062	107°39.1'	0.7147	96°12.4'	0.8805
14	82°31.5'	0.7417	50°32.7'	0.7504	83°45.8'	0.7065	107°04.4'	0.7150	95°48.7'	0.8805
15	83°04.1'	0.7420	51°04.7'	0.7507	83°10.4'	0.7069	106°29.7'	0.7153	95°25.0'	0.8805
16	83°36.7'	0.7424	51°36.7'	0.7511	82°35.1'	0.7072	105°55.0'	0.7156	95°01.3'	0.8805
17	84°09.3'	0.7427	52°08.6'	0.7514	81°59.7'	0.7076	105°20.4'	0.7159	94°37.6'	0.8805
18	84°41.8'	0.7431	52°40.5'	0.7517	81°24.4'	0.7079	104°45.8'	0.7163	94°13.9'	0.8806
19	85°14.4'	0.7435	53°12.4'	0.7521	80°49.2'	0.7082	104°11.2'	0.7166	93°50.2'	0.8807
20	85°46.9'	0.7438	53°44.2'	0.7524	80°13.9'	0.7086	103°36.6'	0.7169	93°26.5'	0.8808
21	86°19.3'	0.7442	54°16.1'	0.7528	79°38.7'	0.7089	103°02.1'	0.7172	93°02.8'	0.8810
22	86°51.8'	0.7445	54°47.9'	0.7531	79°03.5'	0.7093	102°27.5'	0.7175	92°39.2'	0.8812
23	87°24.2'	0.7449	55°19.6'	0.7534	78°28.4'	0.7096	101°53.0'	0.7178	92°15.5'	0.8814

Tue May 22, 2018 UTC

UTC	+Sun		+Venus		-Jupiter		-Antares		-Rigel Kentaurus	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	87°56.6'	0.7453	55°51.4'	0.7538	77°53.3'	0.7100	101°18.6'	0.7182	91°51.9'	0.8816
1	88°28.9'	0.7456	56°23.1'	0.7541	77°18.2'	0.7103	100°44.1'	0.7185	91°28.2'	0.8819
2	89°01.3'	0.7460	56°54.8'	0.7545	76°43.1'	0.7107	100°09.7'	0.7188	91°04.6'	0.8821
3	89°33.6'	0.7464	57°26.5'	0.7548	76°08.0'	0.7110	99°35.3'	0.7191	90°41.0'	0.8824
4	90°05.8'	0.7467	57°58.2'	0.7552	75°33.0'	0.7113	99°01.0'	0.7195	90°17.4'	0.8828
5	90°38.1'	0.7471	58°29.8'	0.7555	74°58.0'	0.7117	98°26.6'	0.7198	89°53.8'	0.8831
6	91°10.3'	0.7475	59°01.4'	0.7559	74°23.1'	0.7120	97°52.3'	0.7201	89°30.2'	0.8835
7	91°42.5'	0.7479	59°33.0'	0.7562	73°48.1'	0.7124	97°18.0'	0.7204	89°06.7'	0.8839
8	92°14.7'	0.7482	60°04.5'	0.7566	73°13.2'	0.7128	96°43.7'	0.7208	88°43.2'	0.8843
9	92°46.8'	0.7486	60°36.1'	0.7569	72°38.4'	0.7131	96°09.5'	0.7211	88°19.7'	0.8848
10	93°18.9'	0.7490	61°07.6'	0.7573	72°03.5'	0.7135	95°35.3'	0.7215	87°56.2'	0.8852
11	93°51.0'	0.7493	61°39.1'	0.7576	71°28.7'	0.7138	95°01.1'	0.7218	87°32.8'	0.8857
12	94°23.1'	0.7497	62°10.5'	0.7580	70°53.9'	0.7142	94°27.0'	0.7221	87°09.4'	0.8863
13	94°55.1'	0.7501	62°41.9'	0.7584	70°19.1'	0.7145	93°52.8'	0.7225	86°46.0'	0.8868
14	95°27.1'	0.7505	63°13.3'	0.7587	69°44.4'	0.7149	93°18.7'	0.7228	86°22.6'	0.8874
15	95°59.1'	0.7508	63°44.7'	0.7591	69°09.7'	0.7152	92°44.6'	0.7231	85°59.3'	0.8880
16	96°31.0'	0.7512	64°16.1'	0.7594	68°35.0'	0.7156	92°10.6'	0.7235	85°36.0'	0.8886
17	97°02.9'	0.7516	64°47.4'	0.7598	68°00.4'	0.7159	91°36.6'	0.7238	85°12.7'	0.8892
18	97°34.8'	0.7519	65°18.7'	0.7601	67°25.7'	0.7163	91°02.6'	0.7242	84°49.5'	0.8899
19	98°06.7'	0.7523	65°49.9'	0.7605	66°51.2'	0.7166	90°28.6'	0.7245	84°26.3'	0.8906
20	98°38.5'	0.7527	66°21.2'	0.7609	66°16.6'	0.7170	89°54.7'	0.7249	84°03.1'	0.8913
21	99°10.4'	0.7531	66°52.4'	0.7612	65°42.1'	0.7173	89°20.7'	0.7252	83°40.0'	0.8920
22	99°42.1'	0.7534	67°23.6'	0.7616	65°07.5'	0.7177	88°46.9'	0.7256	83°16.9'	0.8928
23	100°13.9'	0.7538	67°54.8'	0.7620	64°33.1'	0.7181	88°13.0'	0.7259	82°53.9'	0.8936

Wed May 23, 2018 UTC

UTC	+Sun		+Venus		-Jupiter		-Saturn		-Vega	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	100°45.6'	0.7542	68°25.9'	0.7623	63°58.6'	0.7184	115°30.6'	0.7196	102°19.7'	1.0458
1	101°17.3'	0.7546	68°57.0'	0.7627	63°24.2'	0.7188	114°56.3'	0.7199	102°03.5'	1.0446
2	101°49.0'	0.7549	69°28.1'	0.7630	62°49.8'	0.7191	114°22.0'	0.7203	101°47.2'	1.0435
3	102°20.6'	0.7553	69°59.2'	0.7634	62°15.4'	0.7195	113°47.7'	0.7206	101°30.9'	1.0425
4	102°52.3'	0.7557	70°30.2'	0.7638	61°41.1'	0.7198	113°13.4'	0.7210	101°14.6'	1.0414
5	103°23.9'	0.7561	71°01.2'	0.7641	61°06.8'	0.7202	112°39.2'	0.7213	100°58.3'	1.0404
6	103°55.4'	0.7564	71°32.2'	0.7645	60°32.5'	0.7205	112°05.0'	0.7216	100°41.9'	1.0395
7	104°27.0'	0.7568	72°03.2'	0.7648	59°58.2'	0.7209	111°30.9'	0.7220	100°25.4'	1.0386
8	104°58.5'	0.7572	72°34.1'	0.7652	59°24.0'	0.7213	110°56.7'	0.7223	100°09.0'	1.0377
9	105°30.0'	0.7575	73°05.0'	0.7656	58°49.8'	0.7216	110°22.6'	0.7226	99°52.4'	1.0369
10	106°01.4'	0.7579	73°35.9'	0.7659	58°15.6'	0.7220	109°48.5'	0.7230	99°35.9'	1.0361
11	106°32.8'	0.7583	74°06.7'	0.7663	57°41.5'	0.7223	109°14.4'	0.7233	99°19.3'	1.0353
12	107°04.3'	0.7587	74°37.6'	0.7667	57°07.4'	0.7227	108°40.4'	0.7237	99°02.8'	1.0346
13	107°35.6'	0.7590	75°08.4'	0.7670	56°33.3'	0.7230	108°06.4'	0.7240	98°46.1'	1.0339
14	108°07.0'	0.7594	75°39.1'	0.7674	55°59.2'	0.7234	107°32.4'	0.7243	98°29.5'	1.0333
15	108°38.3'	0.7598	76°09.9'	0.7677	55°25.2'	0.7237	106°58.4'	0.7247	98°12.8'	1.0327
16	109°09.6'	0.7602	76°40.6'	0.7681	54°51.2'	0.7241	106°24.5'	0.7250	97°56.1'	1.0321
17	109°40.9'	0.7605	77°11.3'	0.7685	54°17.2'	0.7245	105°50.6'	0.7253	97°39.4'	1.0316
18	110°12.1'	0.7609	77°42.0'	0.7688	53°43.3'	0.7248	105°16.7'	0.7257	97°22.7'	1.0311
19	110°43.3'	0.7613	78°12.7'	0.7692	53°09.4'	0.7252	104°42.9'	0.7260	97°05.9'	1.0306
20	111°14.5'	0.7616	78°43.3'	0.7695	52°35.5'	0.7255	104°09.0'	0.7263	96°49.1'	1.0302
21	111°45.7'	0.7620	79°13.9'	0.7699	52°01.6'	0.7259	103°35.2'	0.7267	96°32.3'	1.0298
22	112°16.8'	0.7624	79°44.5'	0.7702	51°27.8'	0.7262	103°01.5'	0.7270	96°15.5'	1.0294
23	112°47.9'	0.7627	80°15.0'	0.7706	50°53.9'	0.7266	102°27.7'	0.7273	95°58.7'	1.0291

Thu May 24, 2018 UTC

UTC	+Sun		+Venus		-Jupiter		-Saturn		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	113°19.0'	0.7631	80°45.5'	0.7710	50°20.2'	0.7270	101°54.0'	0.7276	118°32.3'	0.8053
1	113°50.1'	0.7635	81°16.0'	0.7713	49°46.4'	0.7273	101°20.3'	0.7280	118°04.1'	0.8049
2	114°21.1'	0.7638	81°46.5'	0.7717	49°12.7'	0.7277	100°46.6'	0.7283	117°35.9'	0.8045
3	114°52.1'	0.7642	82°17.0'	0.7720	48°39.0'	0.7280	100°13.0'	0.7286	117°07.7'	0.8040
4	115°23.1'	0.7646	82°47.4'	0.7724	48°05.3'	0.7284	99°39.3'	0.7290	116°39.4'	0.8036
5	115°54.0'	0.7649	83°17.8'	0.7727	47°31.7'	0.7288	99°05.8'	0.7293	116°11.1'	0.8033
6	116°25.0'	0.7653	83°48.2'	0.7731	46°58.1'	0.7291	98°32.2'	0.7296	115°42.8'	0.8029
7	116°55.9'	0.7657	84°18.5'	0.7734	46°24.5'	0.7295	97°58.6'	0.7299	115°14.5'	0.8026
8	117°26.7'	0.7660	84°48.9'	0.7738	45°50.9'	0.7298	97°25.1'	0.7303	114°46.1'	0.8023
9	117°57.6'	0.7664	85°19.2'	0.7741	45°17.4'	0.7302	96°51.6'	0.7306	114°17.7'	0.8020
10	118°28.4'	0.7668	85°49.4'	0.7745	44°43.9'	0.7306	96°18.1'	0.7309	113°49.3'	0.8017
11	118°59.2'	0.7671	86°19.7'	0.7748	44°10.4'	0.7309	95°44.7'	0.7312	113°20.9'	0.8015
12	119°30.0'	0.7675	86°49.9'	0.7752	43°37.0'	0.7313	95°11.3'	0.7316	112°52.5'	0.8012
13	120°00.7'	0.7679	87°20.1'	0.7755	43°03.6'	0.7317	94°37.9'	0.7319	112°24.1'	0.8010
14	120°31.4'	0.7682	87°50.3'	0.7759	42°30.2'	0.7320	94°04.5'	0.7322	111°55.6'	0.8008
15	121°02.1'	0.7686	88°20.5'	0.7762	41°56.8'	0.7324	93°31.1'	0.7325	111°27.1'	0.8006
16	121°32.8'	0.7690	88°50.6'	0.7766	41°23.5'	0.7328	92°57.8'	0.7328	110°58.6'	0.8005
17	122°03.4'	0.7693	89°20.7'	0.7769	40°50.2'	0.7331	92°24.5'	0.7331	110°30.1'	0.8003
18	122°34.0'	0.7697	89°50.8'	0.7773	40°16.9'	0.7335	91°51.2'	0.7335	110°01.6'	0.8002
19	123°04.6'	0.7701	90°20.9'	0.7776	39°43.6'	0.7339	91°18.0'	0.7338	109°33.1'	0.8001
20	123°35.2'	0.7704	90°50.9'	0.7780	39°10.4'	0.7343	90°44.8'	0.7341	109°04.6'	0.7999
21	124°05.7'	0.7708	91°20.9'	0.7783	38°37.2'	0.7346	90°11.6'	0.7344	108°36.1'	0.7998
22	124°36.2'	0.7712	91°50.9'	0.7787	38°04.1'	0.7350	89°38.4'	0.7347	108°07.5'	0.7998
23	125°06.7'	0.7715	92°20.9'	0.7790	37°30.9'	0.7354	89°05.2'	0.7350	107°39.0'	0.7997

Fri May 25, 2018 UTC

UTC	+Venus		-Jupiter		-Saturn		-Mars		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	92°50.8'	0.7793	36°57.8'	0.7358	88°32.1'	0.7354	113°48.7'	0.7489	107°10.4'	0.7996
1	93°20.7'	0.7797	36°24.8'	0.7362	87°59.0'	0.7357	113°16.6'	0.7492	106°41.9'	0.7996
2	93°50.6'	0.7800	35°51.7'	0.7365	87°25.9'	0.7360	112°44.5'	0.7495	106°13.3'	0.7996
3	94°20.5'	0.7804	35°18.7'	0.7369	86°52.9'	0.7363	112°12.5'	0.7498	105°44.8'	0.7995
4	94°50.3'	0.7807	34°45.7'	0.7373	86°19.8'	0.7366	111°40.5'	0.7501	105°16.2'	0.7995
5	95°20.1'	0.7811	34°12.8'	0.7377	85°46.8'	0.7369	111°08.4'	0.7504	104°47.6'	0.7995
6	95°49.9'	0.7814	33°39.8'	0.7381	85°13.8'	0.7372	110°36.5'	0.7507	104°19.1'	0.7996
7	96°19.7'	0.7817	33°06.9'	0.7385	84°40.9'	0.7375	110°04.5'	0.7510	103°50.5'	0.7996
8	96°49.5'	0.7821	32°34.1'	0.7389	84°07.9'	0.7378	109°32.6'	0.7513	103°22.0'	0.7996
9	97°19.2'	0.7824	32°01.2'	0.7394	83°35.0'	0.7381	109°00.7'	0.7516	102°53.4'	0.7997
10	97°48.9'	0.7827	31°28.4'	0.7398	83°02.1'	0.7384	108°28.8'	0.7519	102°24.9'	0.7997
11	98°18.6'	0.7831	30°55.7'	0.7402	82°29.2'	0.7388	107°56.9'	0.7522	101°56.3'	0.7998
12	98°48.3'	0.7834	30°22.9'	0.7406	81°56.4'	0.7391	107°25.1'	0.7525	101°27.8'	0.7999
13	99°17.9'	0.7838	29°50.2'	0.7411	81°23.6'	0.7394	106°53.2'	0.7528	100°59.2'	0.8000
14	99°47.5'	0.7841	29°17.5'	0.7415	80°50.8'	0.7397	106°21.4'	0.7531	100°30.7'	0.8001
15	100°17.1'	0.7844	28°44.9'	0.7419	80°18.0'	0.7400	105°49.7'	0.7534	100°02.2'	0.8002
16	100°46.7'	0.7848	28°12.3'	0.7424	79°45.2'	0.7403	105°17.9'	0.7537	99°33.7'	0.8003
17	101°16.2'	0.7851	27°39.7'	0.7429	79°12.5'	0.7406	104°46.2'	0.7540	99°05.2'	0.8004
18	101°45.7'	0.7854	27°07.2'	0.7433	78°39.8'	0.7409	104°14.4'	0.7543	98°36.7'	0.8006
19	102°15.2'	0.7858	26°34.7'	0.7438	78°07.1'	0.7412	103°42.8'	0.7546	98°08.2'	0.8007
20	102°44.7'	0.7861	26°02.2'	0.7443	77°34.4'	0.7415	103°11.1'	0.7549	97°39.7'	0.8009
21	103°14.2'	0.7864	25°29.8'	0.7448	77°01.8'	0.7418	102°39.4'	0.7552	97°11.2'	0.8010
22	103°43.6'	0.7867	24°57.4'	0.7453	76°29.2'	0.7421	102°07.8'	0.7555	96°42.8'	0.8012
23	104°13.0'	0.7871	24°25.0'	0.7459	75°56.6'	0.7424	101°36.2'	0.7558	96°14.3'	0.8014

Sat May 26, 2018 UTC

UTC	+Venus		-Jupiter		-Saturn		-Mars		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	104°42.4'	0.7874	23°52.7'	0.7464	75°24.0'	0.7427	101°04.6'	0.7561	95°45.9'	0.8016
1	105°11.8'	0.7877	23°20.4'	0.7470	74°51.4'	0.7430	100°33.1'	0.7564	95°17.4'	0.8018
2	105°41.1'	0.7881	22°48.2'	0.7476	74°18.9'	0.7433	100°01.5'	0.7567	94°49.0'	0.8020
3	106°10.5'	0.7884	22°16.0'	0.7482	73°46.4'	0.7436	99°30.0'	0.7570	94°20.6'	0.8022
4	106°39.8'	0.7887	21°43.9'	0.7488	73°13.9'	0.7439	98°58.5'	0.7573	93°52.3'	0.8024
5	107°09.0'	0.7890	21°11.8'	0.7495	72°41.4'	0.7441	98°27.0'	0.7576	93°23.9'	0.8027
6	107°38.3'	0.7894	20°39.7'	0.7502	72°09.0'	0.7444	97°55.6'	0.7579	92°55.5'	0.8029
7	108°07.5'	0.7897	20°07.7'	0.7509	71°36.6'	0.7447	97°24.1'	0.7582	92°27.2'	0.8032
8	108°36.7'	0.7900	19°35.8'	0.7516	71°04.2'	0.7450	96°52.7'	0.7584	91°58.9'	0.8034
9	109°05.9'	0.7903	19°03.9'	0.7524	70°31.8'	0.7453	96°21.3'	0.7587	91°30.6'	0.8037
10	109°35.1'	0.7907	18°32.1'	0.7532	69°59.4'	0.7456	95°50.0'	0.7590	91°02.3'	0.8040
11	110°04.2'	0.7910	18°00.3'	0.7541	69°27.1'	0.7459	95°18.6'	0.7593	90°34.0'	0.8042
12	110°33.4'	0.7913	17°28.6'	0.7551	68°54.8'	0.7462	94°47.3'	0.7596	90°05.8'	0.8045
13	111°02.5'	0.7916	16°57.0'	0.7561	68°22.5'	0.7465	94°16.0'	0.7599	89°37.5'	0.8048
14	111°31.6'	0.7920	16°25.4'	0.7571	67°50.2'	0.7468	93°44.7'	0.7602	89°09.3'	0.8051
15	112°00.6'	0.7923	15°53.9'	0.7583	67°18.0'	0.7471	93°13.4'	0.7605	88°41.1'	0.8055
16	112°29.7'	0.7926	15°22.5'	0.7595	66°45.7'	0.7473	92°42.2'	0.7608	88°13.0'	0.8058
17	112°58.7'	0.7929	14°51.2'	0.7609	66°13.5'	0.7476	92°10.9'	0.7610	87°44.8'	0.8061
18	113°27.7'	0.7933	14°20.0'	0.7623	65°41.4'	0.7479	91°39.7'	0.7613	87°16.7'	0.8065
19	113°56.6'	0.7936	13°48.9'	0.7639	65°09.2'	0.7482	91°08.5'	0.7616	86°48.6'	0.8068
20	114°25.6'	0.7939	13°17.9'	0.7657	64°37.1'	0.7485	90°37.4'	0.7619	86°20.5'	0.8072
21	114°54.5'	0.7942	12°47.0'	0.7677	64°04.9'	0.7488	90°06.2'	0.7622	85°52.4'	0.8075
22	115°23.4'	0.7945	12°16.3'	0.7699	63°32.8'	0.7491	89°35.1'	0.7625	85°24.4'	0.8079
23	115°52.3'	0.7949	11°45.7'	0.7723	63°00.8'	0.7493	89°04.0'	0.7627	84°56.4'	0.8083

Sun May 27, 2018 UTC

UTC	+Venus		-Jupiter		-Saturn		-Mars		-Formalhaut	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	116°21.2'	0.7952	11°15.3'	0.7751	62°28.7'	0.7496	88°32.9'	0.7630	118°26.0'	0.7826
1	116°50.0'	0.7955	10°45.1'	0.7782	61°56.7'	0.7499	88°01.9'	0.7633	117°56.3'	0.7826
2	117°18.9'	0.7958	10°15.1'	0.7819	61°24.6'	0.7502	87°30.8'	0.7636	117°26.6'	0.7826
3	117°47.7'	0.7961	9°45.3'	0.7860	60°52.7'	0.7505	86°59.8'	0.7639	116°56.9'	0.7826
4	118°16.5'	0.7965	9°15.9'	0.7909	60°20.7'	0.7508	86°28.8'	0.7642	116°27.2'	0.7826
5	118°45.2'	0.7968	8°46.7'	0.7967	59°48.7'	0.7510	85°57.8'	0.7644	115°57.5'	0.7826
6	119°14.0'	0.7971	8°18.0'	0.8035	59°16.8'	0.7513	85°26.8'	0.7647	115°27.8'	0.7826
7	119°42.7'	0.7974	7°49.7'	0.8117	58°44.9'	0.7516	84°55.9'	0.7650	114°58.1'	0.7826
8	120°11.4'	0.7977	7°21.9'	0.8217	58°13.0'	0.7519	84°25.0'	0.7653	114°28.4'	0.7826
9	120°40.1'	0.7981	6°54.8'	0.8340	57°41.1'	0.7522	83°54.1'	0.7656	113°58.8'	0.7827
10	121°08.7'	0.7984	6°28.4'	0.8494	57°09.3'	0.7525	83°23.2'	0.7658	113°29.1'	0.7827
11	121°37.3'	0.7987	6°02.9'	0.8689	56°37.4'	0.7527	82°52.3'	0.7661	112°59.4'	0.7828
12	122°06.0'	0.7990	5°38.6'	0.8942	56°05.6'	0.7530	82°21.5'	0.7664	112°29.7'	0.7828
13	122°34.6'	0.7993	5°15.6'	0.9273	55°33.9'	0.7533	81°50.7'	0.7667	112°00.0'	0.7829
14	123°03.1'	0.7996	4°54.3'	0.9719	55°02.1'	0.7536	81°19.9'	0.7669	111°30.3'	0.7830
15	123°31.7'	0.8000	4°35.1'	1.0332	54°30.3'	0.7538	80°49.1'	0.7672	111°00.7'	0.7831
16	124°00.2'	0.8003	4°18.5'	1.1205	53°58.6'	0.7541	80°18.3'	0.7675	110°31.0'	0.7832
17	124°28.7'	0.8006	4°04.8'	1.2518	53°26.9'	0.7544	79°47.6'	0.7678	110°01.4'	0.7832
18	124°57.2'	0.8009	3°54.7'	1.4730	52°55.2'	0.7547	79°16.8'	0.7680	109°31.7'	0.7833
19	125°25.7'	0.8012	3°48.7'	2.0193	52°23.6'	0.7550	78°46.1'	0.7683	109°02.1'	0.7834
20	125°54.1'	0.8015	3°47.0'	1.8234	51°51.9'	0.7552	78°15.4'	0.7686	108°32.4'	0.7836
21	126°22.5'	0.8019	3°49.7'	1.4121	51°20.3'	0.7555	77°44.8'	0.7689	108°02.8'	0.7837
22	126°51.0'	0.8022	3°56.6'	1.2192	50°48.7'	0.7558	77°14.1'	0.7691	107°33.2'	0.7838
23	127°19.3'	0.8025	4°07.5'	1.1008	50°17.1'	0.7561	76°43.5'	0.7694	107°03.6'	0.7839

Mon May 28, 2018 UTC

UTC	+Jupiter		-Saturn		-Mars		-Formalhaut		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	4°21.8'	1.0210	49°45.5'	0.7563	76°12.9'	0.7697	106°34.0'	0.7840	73°25.4'	0.8208
1	4°38.9'	0.9647	49°14.0'	0.7566	75°42.3'	0.7699	106°04.4'	0.7842	72°58.2'	0.8214
2	4°58.4'	0.9237	48°42.5'	0.7569	75°11.7'	0.7702	105°34.8'	0.7843	72°31.1'	0.8220
3	5°19.9'	0.8931	48°10.9'	0.7572	74°41.2'	0.7705	105°05.2'	0.7844	72°04.0'	0.8227
4	5°42.9'	0.8698	47°39.5'	0.7574	74°10.6'	0.7708	104°35.6'	0.7846	71°36.9'	0.8234
5	6°07.2'	0.8519	47°08.0'	0.7577	73°40.1'	0.7710	104°06.1'	0.7847	71°09.9'	0.8240
6	6°32.5'	0.8377	46°36.5'	0.7580	73°09.6'	0.7713	103°36.5'	0.7849	70°42.9'	0.8247
7	6°58.7'	0.8265	46°05.1'	0.7582	72°39.1'	0.7716	103°07.0'	0.7851	70°15.9'	0.8254
8	7°25.5'	0.8175	45°33.7'	0.7585	72°08.7'	0.7718	102°37.5'	0.7852	69°49.0'	0.8261
9	7°52.9'	0.8101	45°02.3'	0.7588	71°38.3'	0.7721	102°07.9'	0.7854	69°22.1'	0.8269
10	8°20.8'	0.8041	44°31.0'	0.7591	71°07.8'	0.7724	101°38.4'	0.7856	68°55.3'	0.8276
11	8°49.1'	0.7991	43°59.6'	0.7593	70°37.4'	0.7726	101°09.0'	0.7857	68°28.6'	0.8283
12	9°17.7'	0.7949	43°28.3'	0.7596	70°07.0'	0.7729	100°39.5'	0.7859	68°01.8'	0.8291
13	9°46.5'	0.7914	42°57.0'	0.7599	69°36.7'	0.7732	100°10.0'	0.7861	67°35.1'	0.8299
14	10°15.6'	0.7884	42°25.7'	0.7601	69°06.3'	0.7734	99°40.5'	0.7863	67°08.5'	0.8307
15	10°44.9'	0.7858	41°54.4'	0.7604	68°36.0'	0.7737	99°11.1'	0.7865	66°41.9'	0.8315
16	11°14.4'	0.7837	41°23.2'	0.7607	68°05.7'	0.7740	98°41.7'	0.7867	66°15.4'	0.8323
17	11°44.0'	0.7818	40°51.9'	0.7610	67°35.4'	0.7742	98°12.3'	0.7869	65°48.9'	0.8332
18	12°13.8'	0.7802	40°20.7'	0.7612	67°05.1'	0.7745	97°42.9'	0.7871	65°22.5'	0.8340
19	12°43.6'	0.7788	39°49.5'	0.7615	66°34.9'	0.7748	97°13.5'	0.7873	64°56.1'	0.8349
20	13°13.6'	0.7776	39°18.4'	0.7618	66°04.6'	0.7750	96°44.1'	0.7875	64°29.8'	0.8358
21	13°43.6'	0.7766	38°47.2'	0.7620	65°34.4'	0.7753	96°14.7'	0.7877	64°03.5'	0.8367
22	14°13.7'	0.7757	38°16.1'	0.7623	65°04.2'	0.7755	95°45.4'	0.7879	63°37.3'	0.8376
23	14°43.9'	0.7749	37°44.9'	0.7626	64°34.1'	0.7758	95°16.0'	0.7881	63°11.1'	0.8386

Tue May 29, 2018 UTC

UTC	+Jupiter		-Saturn		-Mars		-Formalhaut		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	15°14.1'	0.7742	37°13.9'	0.7628	64°03.9'	0.7761	94°46.7'	0.7884	62°45.0'	0.8395
1	15°44.4'	0.7736	36°42.8'	0.7631	63°33.7'	0.7763	94°17.4'	0.7886	62°19.0'	0.8405
2	16°14.7'	0.7731	36°11.7'	0.7634	63°03.6'	0.7766	93°48.1'	0.7888	61°53.0'	0.8415
3	16°45.1'	0.7726	35°40.7'	0.7636	62°33.5'	0.7769	93°18.9'	0.7890	61°27.1'	0.8425
4	17°15.5'	0.7722	35°09.7'	0.7639	62°03.4'	0.7771	92°49.6'	0.7893	61°01.2'	0.8435
5	17°45.9'	0.7719	34°38.7'	0.7642	61°33.4'	0.7774	92°20.4'	0.7895	60°35.4'	0.8446
6	18°16.3'	0.7716	34°07.7'	0.7644	61°03.3'	0.7776	91°51.1'	0.7897	60°09.7'	0.8457
7	18°46.8'	0.7714	33°36.7'	0.7647	60°33.3'	0.7779	91°21.9'	0.7900	59°44.0'	0.8468
8	19°17.2'	0.7712	33°05.8'	0.7650	60°03.2'	0.7781	90°52.7'	0.7902	59°18.4'	0.8479
9	19°47.7'	0.7710	32°34.8'	0.7652	59°33.2'	0.7784	90°23.6'	0.7905	58°52.8'	0.8491
10	20°18.2'	0.7709	32°03.9'	0.7655	59°03.3'	0.7787	89°54.4'	0.7907	58°27.3'	0.8502
11	20°48.7'	0.7707	31°33.1'	0.7658	58°33.3'	0.7789	89°25.3'	0.7910	58°01.9'	0.8514
12	21°19.2'	0.7707	31°02.2'	0.7660	58°03.3'	0.7792	88°56.1'	0.7912	57°36.6'	0.8527
13	21°49.8'	0.7706	30°31.3'	0.7663	57°33.4'	0.7794	88°27.0'	0.7915	57°11.3'	0.8539
14	22°20.3'	0.7705	30°00.5'	0.7666	57°03.5'	0.7797	87°57.9'	0.7918	56°46.1'	0.8552
15	22°50.8'	0.7705	29°29.7'	0.7668	56°33.6'	0.7799	87°28.9'	0.7920	56°21.0'	0.8565
16	23°21.4'	0.7705	28°58.9'	0.7671	56°03.7'	0.7802	86°59.8'	0.7923	55°55.9'	0.8578
17	23°51.9'	0.7705	28°28.1'	0.7674	55°33.9'	0.7804	86°30.8'	0.7926	55°31.0'	0.8592
18	24°22.4'	0.7705	27°57.4'	0.7676	55°04.0'	0.7807	86°01.7'	0.7928	55°06.1'	0.8606
19	24°52.9'	0.7706	27°26.6'	0.7679	54°34.2'	0.7809	85°32.7'	0.7931	54°41.3'	0.8620
20	25°23.5'	0.7706	26°55.9'	0.7682	54°04.4'	0.7812	85°03.7'	0.7934	54°16.5'	0.8634
21	25°54.0'	0.7707	26°25.2'	0.7685	53°34.6'	0.7814	84°34.8'	0.7937	53°51.9'	0.8649
22	26°24.5'	0.7707	25°54.5'	0.7687	53°04.8'	0.7817	84°05.8'	0.7939	53°27.3'	0.8664
23	26°55.0'	0.7708	25°23.9'	0.7690	52°35.1'	0.7819	83°36.9'	0.7942	53°02.8'	0.8680

Wed May 30, 2018 UTC

UTC	+Jupiter		-Saturn		-Mars		-Formalhaut		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	27°25.5'	0.7709	24°53.3'	0.7693	52°05.3'	0.7822	83°08.0'	0.7945	52°38.4'	0.8696
1	27°56.1'	0.7710	24°22.6'	0.7695	51°35.6'	0.7824	82°39.1'	0.7948	52°14.1'	0.8712
2	28°26.5'	0.7711	23°52.0'	0.7698	51°05.9'	0.7827	82°10.2'	0.7951	51°49.9'	0.8729
3	28°57.0'	0.7712	23°21.5'	0.7701	50°36.2'	0.7829	81°41.4'	0.7954	51°25.8'	0.8746
4	29°27.5'	0.7713	22°50.9'	0.7704	50°06.5'	0.7831	81°12.5'	0.7957	51°01.8'	0.8763
5	29°58.0'	0.7714	22°20.3'	0.7707	49°36.9'	0.7834	80°43.7'	0.7960	50°37.8'	0.8781
6	30°28.5'	0.7715	21°49.8'	0.7710	49°07.2'	0.7836	80°14.9'	0.7963	50°14.0'	0.8800
7	30°58.9'	0.7717	21°19.3'	0.7712	48°37.6'	0.7839	79°46.2'	0.7966	49°50.3'	0.8819
8	31°29.4'	0.7718	20°48.8'	0.7715	48°08.0'	0.7841	79°17.4'	0.7969	49°26.6'	0.8838
9	31°59.8'	0.7719	20°18.4'	0.7718	47°38.4'	0.7844	78°48.7'	0.7972	49°03.1'	0.8858
10	32°30.3'	0.7721	19°47.9'	0.7721	47°08.8'	0.7846	78°20.0'	0.7975	48°39.7'	0.8878
11	33°00.7'	0.7722	19°17.5'	0.7724	46°39.3'	0.7848	77°51.3'	0.7979	48°16.4'	0.8899
12	33°31.1'	0.7723	18°47.1'	0.7728	46°09.7'	0.7851	77°22.6'	0.7982	47°53.2'	0.8920
13	34°01.5'	0.7725	18°16.8'	0.7731	45°40.2'	0.7853	76°54.0'	0.7985	47°30.1'	0.8942
14	34°31.9'	0.7726	17°46.4'	0.7734	45°10.7'	0.7855	76°25.3'	0.7988	47°07.2'	0.8964
15	35°02.3'	0.7728	17°16.1'	0.7737	44°41.2'	0.7858	75°56.7'	0.7992	46°44.3'	0.8988
16	35°32.6'	0.7729	16°45.8'	0.7741	44°11.7'	0.7860	75°28.2'	0.7995	46°21.6'	0.9011
17	36°03.0'	0.7731	16°15.5'	0.7744	43°42.3'	0.7863	74°59.6'	0.7998	45°59.0'	0.9036
18	36°33.4'	0.7732	15°45.2'	0.7748	43°12.8'	0.7865	74°31.1'	0.8002	45°36.5'	0.9061
19	37°03.7'	0.7734	15°15.0'	0.7752	42°43.4'	0.7867	74°02.5'	0.8005	45°14.2'	0.9086
20	37°34.0'	0.7735	14°44.8'	0.7756	42°14.0'	0.7870	73°34.1'	0.8009	44°51.9'	0.9113
21	38°04.4'	0.7737	14°14.6'	0.7760	41°44.6'	0.7872	73°05.6'	0.8012	44°29.9'	0.9140
22	38°34.7'	0.7739	13°44.5'	0.7764	41°15.2'	0.7874	72°37.1'	0.8016	44°07.9'	0.9168
23	39°05.0'	0.7740	13°14.3'	0.7769	40°45.8'	0.7877	72°08.7'	0.8019	43°46.1'	0.9197

Thu May 31, 2018 UTC

UTC	+Jupiter		-Saturn		-Mars		-Formalhaut		-Altair	
	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.	Lunar Dist.	P.L.
0	39°35.3'	0.7742	12°44.2'	0.7774	40°16.5'	0.7879	71°40.3'	0.8023	43°24.5'	0.9227
1	40°05.5'	0.7743	12°14.2'	0.7779	39°47.1'	0.7881	71°11.9'	0.8026	43°03.0'	0.9257
2	40°35.8'	0.7745	11°44.2'	0.7785	39°17.8'	0.7883	70°43.6'	0.8030	42°41.6'	0.9289
3	41°06.0'	0.7746	11°14.2'	0.7791	38°48.5'	0.7886	70°15.2'	0.8034	42°20.4'	0.9321
4	41°36.3'	0.7748	10°44.3'	0.7798	38°19.2'	0.7888	69°46.9'	0.8038	41°59.4'	0.9354
5	42°06.5'	0.7750	10°14.4'	0.7805	37°50.0'	0.7890	69°18.7'	0.8041	41°38.5'	0.9389
6	42°36.7'	0.7751	9°44.5'	0.7813	37°20.7'	0.7893	68°50.4'	0.8045	41°17.7'	0.9424
7	43°07.0'	0.7753	9°14.7'	0.7823	36°51.5'	0.7895	68°22.2'	0.8049	40°57.2'	0.9461
8	43°37.2'	0.7754	8°45.0'	0.7834	36°22.2'	0.7897	67°54.0'	0.8053	40°36.8'	0.9498
9	44°07.3'	0.7756	8°15.4'	0.7846	35°53.0'	0.7899	67°25.8'	0.8057	40°16.6'	0.9537
10	44°37.5'	0.7757	7°45.8'	0.7861	35°23.8'	0.7902	66°57.6'	0.8061	39°56.6'	0.9578
11	45°07.7'	0.7759	7°16.4'	0.7879	34°54.6'	0.7904	66°29.5'	0.8065	39°36.7'	0.9619
12	45°37.8'	0.7760	6°47.0'	0.7900	34°25.5'	0.7906	66°01.4'	0.8069	39°17.1'	0.9662
13	46°08.0'	0.7762	6°17.8'	0.7926	33°56.3'	0.7909	65°33.3'	0.8073	38°57.6'	0.9706
14	46°38.1'	0.7764	5°48.8'	0.7959	33°27.2'	0.7911	65°05.2'	0.8077	38°38.4'	0.9752
15	47°08.3'	0.7765	5°20.0'	0.8001	32°58.1'	0.7913	64°37.2'	0.8081	38°19.3'	0.9799
16	47°38.4'	0.7767	4°51.5'	0.8058	32°29.0'	0.7915	64°09.2'	0.8086	38°00.5'	0.9848
17	48°08.5'	0.7768	4°23.4'	0.8135	31°59.9'	0.7918	63°41.2'	0.8090	37°41.8'	0.9899
18	48°38.6'	0.7770	3°55.7'	0.8244	31°30.8'	0.7920	63°13.3'	0.8094	37°23.4'	0.9951
19	49°08.6'	0.7771	3°28.7'	0.8405	31°01.7'	0.7922	62°45.4'	0.8099	37°05.2'	1.0006
20	49°38.7'	0.7772	3°02.7'	0.8657	30°32.7'	0.7925	62°17.5'	0.8103	36°47.2'	1.0062
21	50°08.8'	0.7774	2°38.2'	0.9074	30°03.7'	0.7927	61°49.6'	0.8108	36°29.5'	1.0120
22	50°38.8'	0.7775	2°15.9'	0.9824	29°34.7'	0.7929	61°21.8'	0.8112	36°12.0'	1.0181
23	51°08.9'	0.7777	1°57.2'	1.1314	29°05.7'	0.7932	60°54.0'	0.8117	35°54.7'	1.0243