

Sat Jul 1, 2017 UTC

UTC	+Sun Lunar Dist.	+Regulus Lunar Dist.	-Spica Lunar Dist.	-Jupiter Lunar Dist.	-Antares Lunar Dist.	-Saturn Lunar Dist.	+Pollux Lunar Dist.
0	89°35.4'	38°58.9'	16°07.9'	5°25.3'	61°32.4'	74°22.5'	75°12.3'
1	90°04.3'	39°30.2'	15°39.3'	–	61°01.6'	73°51.0'	75°43.2'
2	90°33.2'	40°01.6'	15°10.9'	–	60°30.8'	73°19.5'	76°14.1'
3	91°02.0'	40°32.9'	14°42.8'	–	60°00.1'	72°48.1'	76°45.0'
4	91°30.9'	41°04.1'	14°14.9'	–	59°29.4'	72°16.7'	77°15.8'
5	91°59.7'	41°35.4'	13°47.2'	–	58°58.8'	71°45.4'	77°46.6'
6	92°28.4'	42°06.6'	13°19.8'	–	58°28.2'	71°14.1'	78°17.3'
7	92°57.1'	42°37.7'	12°52.8'	–	57°57.6'	70°42.8'	78°48.1'
8	93°25.8'	43°08.9'	12°26.1'	–	57°27.1'	70°11.5'	79°18.8'
9	93°54.5'	43°40.0'	11°59.7'	–	56°56.6'	69°40.3'	79°49.4'
10	94°23.1'	44°11.0'	11°33.8'	–	56°26.1'	69°09.1'	80°20.1'
11	94°51.7'	44°42.1'	11°08.3'	–	55°55.7'	68°38.0'	80°50.7'
12	95°20.3'	45°13.1'	10°43.4'	–	55°25.3'	68°06.8'	81°21.3'
13	95°48.8'	45°44.1'	10°19.0'	–	54°55.0'	67°35.7'	81°51.8'
14	96°17.3'	46°15.0'	9°55.2'	–	54°24.7'	67°04.7'	82°22.4'
15	96°45.8'	46°45.9'	9°32.1'	–	53°54.4'	66°33.7'	82°52.9'
16	97°14.2'	47°16.8'	–	–	53°24.2'	66°02.7'	83°23.3'
17	97°42.7'	47°47.7'	–	–	52°54.0'	65°31.7'	83°53.8'
18	98°11.1'	48°18.5'	–	5°10.6'	52°23.9'	65°00.7'	84°24.2'
19	98°39.4'	48°49.3'	–	5°37.6'	51°53.7'	64°29.8'	84°54.6'
20	99°07.7'	49°20.1'	–	6°05.1'	51°23.7'	63°58.9'	85°24.9'
21	99°36.1'	49°50.8'	–	6°33.1'	50°53.6'	63°28.1'	85°55.3'
22	100°04.3'	50°21.6'	–	7°01.3'	50°23.6'	62°57.2'	86°25.6'
23	100°32.6'	50°52.2'	–	7°29.9'	49°53.7'	62°26.4'	86°55.9'

Sun Jul 2, 2017 UTC

UTC	+Sun Lunar Dist.	+Jupiter Lunar Dist.	+Regulus Lunar Dist.	-Antares Lunar Dist.	-Saturn Lunar Dist.	+Pollux Lunar Dist.	-Altair Lunar Dist.
0	101°00.8'	7°58.7'	51°22.9'	49°23.7'	61°55.7'	87°26.1'	97°08.7'
1	101°29.0'	8°27.6'	51°53.6'	48°53.8'	61°24.9'	87°56.3'	96°41.5'
2	101°57.2'	8°56.7'	52°24.2'	48°24.0'	60°54.2'	88°26.5'	96°14.3'
3	102°25.3'	9°25.9'	52°54.8'	47°54.2'	60°23.5'	88°56.7'	95°47.1'
4	102°53.4'	9°55.2'	53°25.3'	47°24.4'	59°52.8'	89°26.9'	95°19.9'
5	103°21.5'	10°24.6'	53°55.8'	46°54.6'	59°22.2'	89°57.0'	94°52.8'
6	103°49.6'	10°54.1'	54°26.4'	46°24.9'	58°51.6'	90°27.1'	94°25.7'
7	104°17.6'	11°23.6'	54°56.8'	45°55.3'	58°21.0'	90°57.2'	93°58.6'
8	104°45.7'	11°53.1'	55°27.3'	45°25.6'	57°50.4'	91°27.2'	93°31.5'
9	105°13.7'	12°22.7'	55°57.7'	44°56.0'	57°19.9'	91°57.3'	93°04.4'
10	105°41.6'	12°52.3'	56°28.2'	44°26.5'	56°49.4'	92°27.3'	92°37.4'
11	106°09.6'	13°21.9'	56°58.6'	43°57.0'	56°18.9'	92°57.3'	92°10.3'
12	106°37.5'	13°51.6'	57°28.9'	43°27.5'	55°48.4'	93°27.2'	91°43.3'
13	107°05.4'	14°21.3'	57°59.3'	42°58.1'	55°18.0'	93°57.2'	91°16.3'
14	107°33.3'	14°50.9'	58°29.6'	42°28.6'	54°47.5'	94°27.1'	90°49.3'
15	108°01.2'	15°20.6'	58°59.9'	41°59.3'	54°17.1'	94°57.0'	90°22.4'
16	108°29.0'	15°50.3'	59°30.2'	41°30.0'	53°46.8'	95°26.8'	89°55.4'
17	108°56.8'	16°20.0'	60°00.4'	41°00.7'	53°16.4'	95°56.7'	89°28.5'
18	109°24.6'	16°49.7'	60°30.7'	40°31.4'	52°46.1'	96°26.5'	89°01.6'
19	109°52.4'	17°19.4'	61°00.9'	40°02.2'	52°15.8'	96°56.3'	88°34.7'
20	110°20.2'	17°49.1'	61°31.1'	39°33.0'	51°45.5'	97°26.1'	88°07.9'
21	110°47.9'	18°18.8'	62°01.3'	39°03.9'	51°15.2'	97°55.9'	87°41.0'
22	111°15.6'	18°48.5'	62°31.4'	38°34.8'	50°44.9'	98°25.6'	87°14.2'
23	111°43.3'	19°18.2'	63°01.6'	38°05.8'	50°14.7'	98°55.4'	86°47.4'

Mon Jul 3, 2017 UTC

UTC	+Sun Lunar Dist.	+Jupiter Lunar Dist.	-Saturn Lunar Dist.	-Antares Lunar Dist.	+Spica Lunar Dist.	+Regulus Lunar Dist.	-Altair Lunar Dist.
0	112°11.0'	19°47.9'	49°44.5'	37°36.8'	11°39.8'	63°31.7'	86°20.6'
1	112°38.7'	20°17.6'	49°14.3'	37°07.8'	12°05.0'	64°01.8'	85°53.8'
2	113°06.3'	20°47.3'	48°44.1'	36°38.9'	12°30.6'	64°31.9'	85°27.1'
3	113°33.9'	21°16.9'	48°14.0'	36°10.0'	12°56.4'	65°02.0'	85°00.3'
4	114°01.6'	21°46.6'	47°43.9'	35°41.2'	13°22.5'	65°32.0'	84°33.6'
5	114°29.1'	22°16.3'	47°13.7'	35°12.4'	13°48.9'	66°02.1'	84°07.0'
6	114°56.7'	22°45.9'	46°43.6'	34°43.7'	14°15.5'	66°32.1'	83°40.3'
7	115°24.3'	23°15.5'	46°13.6'	34°15.0'	14°42.3'	67°02.1'	83°13.6'
8	115°51.8'	23°45.2'	45°43.5'	33°46.4'	15°09.3'	67°32.1'	82°47.0'
9	116°19.3'	24°14.8'	45°13.5'	33°17.8'	15°36.4'	68°02.0'	82°20.4'
10	116°46.9'	24°44.4'	44°43.4'	32°49.3'	16°03.7'	68°32.0'	81°53.8'
11	117°14.4'	25°14.0'	44°13.4'	32°20.8'	16°31.1'	69°01.9'	81°27.3'
12	117°41.8'	25°43.6'	43°43.4'	31°52.4'	16°58.7'	69°31.8'	81°00.7'
13	118°09.3'	26°13.2'	43°13.4'	31°24.0'	17°26.3'	70°01.8'	80°34.2'
14	118°36.7'	26°42.7'	42°43.5'	30°55.7'	17°54.1'	70°31.6'	80°07.7'
15	119°04.2'	27°12.3'	42°13.5'	30°27.4'	18°22.0'	71°01.5'	79°41.3'
16	119°31.6'	27°41.9'	41°43.6'	29°59.2'	18°49.9'	71°31.4'	79°14.8'
17	119°59.0'	28°11.4'	41°13.7'	29°31.1'	19°17.9'	72°01.2'	78°48.4'
18	120°26.4'	28°40.9'	40°43.8'	29°03.0'	19°46.0'	72°31.1'	78°22.0'
19	120°53.8'	29°10.5'	40°13.9'	28°35.0'	20°14.2'	73°00.9'	77°55.6'
20	121°21.2'	29°40.0'	39°44.0'	28°07.1'	20°42.4'	73°30.7'	77°29.2'
21	121°48.5'	30°09.5'	39°14.2'	27°39.2'	21°10.7'	74°00.5'	77°02.9'
22	122°15.9'	30°39.0'	38°44.4'	27°11.4'	21°39.1'	74°30.3'	76°36.6'
23	122°43.2'	31°08.5'	38°14.5'	26°43.7'	22°07.4'	75°00.1'	76°10.3'

Tue Jul 4, 2017 UTC

UTC	+Jupiter Lunar Dist.	+Spica Lunar Dist.	-Saturn Lunar Dist.	-Antares Lunar Dist.	+Regulus Lunar Dist.	-Altair Lunar Dist.	-Formalhaut Lunar Dist.
0	31°38.0'	22°35.9'	37°44.7'	26°16.1'	75°29.9'	75°44.0'	109°07.4'
1	32°07.5'	23°04.4'	37°14.9'	25°48.5'	75°59.6'	75°17.8'	108°39.7'
2	32°36.9'	23°32.9'	36°45.1'	25°21.0'	76°29.4'	74°51.6'	108°12.0'
3	33°06.4'	24°01.4'	36°15.4'	24°53.7'	76°59.1'	74°25.4'	107°44.3'
4	33°35.8'	24°30.0'	35°45.6'	24°26.4'	77°28.9'	73°59.2'	107°16.6'
5	34°05.3'	24°58.7'	35°15.9'	23°59.2'	77°58.6'	73°33.1'	106°48.9'
6	34°34.7'	25°27.3'	34°46.1'	23°32.1'	78°28.3'	73°07.0'	106°21.2'
7	35°04.2'	25°56.0'	34°16.4'	23°05.2'	78°58.0'	72°40.9'	105°53.5'
8	35°33.6'	26°24.7'	33°46.7'	22°38.3'	79°27.7'	72°14.8'	105°25.8'
9	36°03.0'	26°53.4'	33°17.0'	22°11.6'	79°57.3'	71°48.8'	104°58.1'
10	36°32.4'	27°22.2'	32°47.3'	21°45.0'	80°27.0'	71°22.8'	104°30.4'
11	37°01.8'	27°51.0'	32°17.7'	21°18.5'	80°56.7'	70°56.8'	104°02.7'
12	37°31.2'	28°19.8'	31°48.0'	20°52.2'	81°26.3'	70°30.8'	103°35.0'
13	38°00.6'	28°48.6'	31°18.4'	20°26.0'	81°56.0'	70°04.9'	103°07.3'
14	38°30.0'	29°17.4'	30°48.7'	20°00.0'	82°25.6'	69°39.0'	102°39.5'
15	38°59.4'	29°46.3'	30°19.1'	19°34.2'	82°55.3'	69°13.1'	102°11.8'
16	39°28.8'	30°15.1'	29°49.5'	19°08.5'	83°24.9'	68°47.3'	101°44.1'
17	39°58.1'	30°44.0'	29°19.9'	18°43.1'	83°54.5'	68°21.5'	101°16.4'
18	40°27.5'	31°12.9'	28°50.3'	18°17.8'	84°24.1'	67°55.7'	100°48.7'
19	40°56.9'	31°41.8'	28°20.7'	17°52.8'	84°53.8'	67°29.9'	100°21.0'
20	41°26.2'	32°10.8'	27°51.2'	17°28.0'	85°23.4'	67°04.2'	99°53.3'
21	41°55.6'	32°39.7'	27°21.6'	17°03.5'	85°53.0'	66°38.5'	99°25.5'
22	42°24.9'	33°08.7'	26°52.1'	16°39.2'	86°22.6'	66°12.9'	98°57.8'
23	42°54.3'	33°37.6'	26°22.6'	16°15.2'	86°52.2'	65°47.2'	98°30.1'

Wed Jul 5, 2017 UTC

UTC	−Saturn Lunar Dist.	+Spica Lunar Dist.	+Jupiter Lunar Dist.	−Antares Lunar Dist.	+Regulus Lunar Dist.	−Altair Lunar Dist.	−Formalhaut Lunar Dist.
0	25°53.1'	34°06.6'	43°23.6'	15°51.5'	87°21.7'	65°21.6'	98°02.4'
1	25°23.6'	34°35.6'	43°52.9'	15°28.2'	87°51.3'	64°56.1'	97°34.7'
2	24°54.1'	35°04.6'	44°22.3'	15°05.2'	88°20.9'	64°30.6'	97°06.9'
3	24°24.6'	35°33.6'	44°51.6'	14°42.6'	88°50.5'	64°05.1'	96°39.2'
4	23°55.2'	36°02.6'	45°20.9'	14°20.4'	89°20.1'	63°39.6'	96°11.5'
5	23°25.7'	36°31.6'	45°50.3'	13°58.7'	89°49.6'	63°14.2'	95°43.8'
6	22°56.3'	37°00.7'	46°19.6'	13°37.4'	90°19.2'	62°48.8'	95°16.1'
7	22°26.9'	37°29.7'	46°48.9'	13°16.7'	90°48.7'	62°23.5'	94°48.3'
8	21°57.5'	37°58.8'	47°18.2'	12°56.5'	91°18.3'	61°58.1'	94°20.6'
9	21°28.1'	38°27.8'	47°47.6'	12°37.0'	91°47.9'	61°32.9'	93°52.9'
10	20°58.8'	38°56.9'	48°16.9'	12°18.1'	92°17.4'	61°07.6'	93°25.2'
11	20°29.4'	39°26.0'	48°46.2'	11°59.9'	92°47.0'	60°42.4'	92°57.4'
12	20°00.1'	39°55.1'	49°15.5'	–	93°16.5'	60°17.3'	92°29.7'
13	19°30.8'	40°24.2'	49°44.8'	–	93°46.1'	59°52.2'	92°02.0'
14	19°01.5'	40°53.3'	50°14.1'	–	94°15.6'	59°27.1'	91°34.3'
15	18°32.3'	41°22.4'	50°43.5'	–	94°45.2'	59°02.1'	91°06.6'
16	18°03.0'	41°51.5'	51°12.8'	–	95°14.7'	58°37.1'	90°38.8'
17	17°33.8'	42°20.6'	51°42.1'	–	95°44.3'	58°12.2'	90°11.1'
18	17°04.7'	42°49.8'	52°11.4'	–	96°13.8'	57°47.3'	89°43.4'
19	16°35.5'	43°18.9'	52°40.7'	–	96°43.4'	57°22.4'	89°15.7'
20	16°06.4'	43°48.1'	53°10.0'	–	97°12.9'	56°57.6'	88°47.9'
21	15°37.3'	44°17.2'	53°39.3'	–	97°42.5'	56°32.9'	88°20.2'
22	15°08.3'	44°46.4'	54°08.7'	–	98°12.0'	56°08.2'	87°52.5'
23	14°39.3'	45°15.6'	54°38.0'	–	98°41.6'	55°43.5'	87°24.8'

Thu Jul 6, 2017 UTC

UTC	−Saturn Lunar Dist.	+Spica Lunar Dist.	+Jupiter Lunar Dist.	+Regulus Lunar Dist.	+Arcturus Lunar Dist.	−Formalhaut Lunar Dist.	−Altair Lunar Dist.
0	14°10.4'	45°44.8'	55°07.3'	99°11.1'	49°20.7'	86°57.0'	55°18.9'
1	13°41.5'	46°13.9'	55°36.6'	99°40.7'	49°44.7'	86°29.3'	54°54.4'
2	13°12.6'	46°43.1'	56°05.9'	100°10.2'	50°08.8'	86°01.6'	54°29.9'
3	12°43.9'	47°12.3'	56°35.3'	100°39.8'	50°33.0'	85°33.9'	54°05.5'
4	12°15.2'	47°41.6'	57°04.6'	101°09.3'	50°57.3'	85°06.1'	53°41.1'
5	11°46.5'	48°10.8'	57°33.9'	101°38.9'	51°21.6'	84°38.4'	53°16.8'
6	11°18.0'	48°40.0'	58°03.3'	102°08.5'	51°46.0'	84°10.7'	52°52.5'
7	10°49.6'	49°09.2'	58°32.6'	102°38.0'	52°10.5'	83°43.0'	52°28.3'
8	10°21.3'	49°38.5'	59°01.9'	103°07.6'	52°35.0'	83°15.3'	52°04.2'
9	9°53.1'	50°07.7'	59°31.3'	103°37.2'	52°59.6'	82°47.5'	51°40.1'
10	9°25.1'	50°37.0'	60°00.6'	104°06.7'	53°24.2'	82°19.8'	51°16.1'
11	8°57.3'	51°06.2'	60°30.0'	104°36.3'	53°48.9'	81°52.1'	50°52.2'
12	8°29.7'	51°35.5'	60°59.3'	105°05.9'	54°13.7'	81°24.4'	50°28.3'
13	8°02.3'	52°04.8'	61°28.7'	105°35.5'	54°38.5'	80°56.7'	50°04.5'
14	7°35.2'	52°34.1'	61°58.0'	106°05.1'	55°03.4'	80°29.0'	49°40.8'
15	7°08.5'	53°03.4'	62°27.4'	106°34.7'	55°28.3'	80°01.2'	49°17.2'
16	6°42.2'	53°32.7'	62°56.8'	107°04.3'	55°53.3'	79°33.5'	48°53.6'
17	6°16.4'	54°02.0'	63°26.1'	107°33.9'	56°18.4'	79°05.8'	48°30.1'
18	5°51.2'	54°31.3'	63°55.5'	108°03.5'	56°43.5'	78°38.1'	48°06.7'
19	–	55°00.6'	64°24.9'	108°33.1'	57°08.6'	78°10.4'	47°43.3'
20	–	55°30.0'	64°54.3'	109°02.7'	57°33.8'	77°42.7'	47°20.1'
21	–	55°59.3'	65°23.7'	109°32.3'	57°59.1'	77°15.0'	46°56.9'
22	–	56°28.7'	65°53.1'	110°02.0'	58°24.4'	76°47.3'	46°33.9'
23	–	56°58.0'	66°22.5'	110°31.6'	58°49.7'	76°19.6'	46°10.9'

Fri Jul 7, 2017 UTC

UTC	+Spica Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	-Formalhaut Lunar Dist.	+Arcturus Lunar Dist.	+Regulus Lunar Dist.	-Altair Lunar Dist.
0	57°27.4'	66°51.9'	14°28.4'	75°51.9'	59°15.1'	111°01.2'	45°48.0'
1	57°56.8'	67°21.3'	14°50.8'	75°24.2'	59°40.6'	111°30.9'	45°25.2'
2	58°26.2'	67°50.7'	15°13.6'	74°56.5'	60°06.0'	112°00.5'	45°02.5'
3	58°55.6'	68°20.1'	15°36.8'	74°28.8'	60°31.6'	112°30.2'	44°39.9'
4	59°25.0'	68°49.6'	16°00.3'	74°01.2'	60°57.1'	112°59.8'	44°17.5'
5	59°54.4'	69°19.0'	16°24.2'	73°33.5'	61°22.7'	113°29.5'	43°55.1'
6	60°23.8'	69°48.5'	16°48.3'	73°05.8'	61°48.4'	113°59.2'	43°32.8'
7	60°53.2'	70°17.9'	17°12.8'	72°38.1'	62°14.1'	114°28.9'	43°10.7'
8	61°22.7'	70°47.4'	17°37.5'	72°10.5'	62°39.8'	114°58.6'	42°48.6'
9	61°52.1'	71°16.8'	18°02.5'	71°42.8'	63°05.6'	115°28.3'	42°26.7'
10	62°21.6'	71°46.3'	18°27.7'	71°15.1'	63°31.4'	115°58.0'	42°04.9'
11	62°51.1'	72°15.8'	18°53.1'	70°47.5'	63°57.2'	116°27.7'	41°43.3'
12	63°20.5'	72°45.3'	19°18.7'	70°19.8'	64°23.1'	116°57.4'	41°21.7'
13	63°50.0'	73°14.8'	19°44.5'	69°52.2'	64°49.1'	117°27.1'	41°00.3'
14	64°19.5'	73°44.3'	20°10.5'	69°24.5'	65°15.0'	117°56.9'	40°39.1'
15	64°49.0'	74°13.8'	20°36.7'	68°56.9'	65°41.0'	118°26.6'	40°18.0'
16	65°18.6'	74°43.3'	21°03.0'	68°29.3'	66°07.0'	118°56.4'	39°57.0'
17	65°48.1'	75°12.8'	21°29.4'	68°01.6'	66°33.1'	119°26.1'	39°36.2'
18	66°17.6'	75°42.4'	21°56.0'	67°34.0'	66°59.2'	119°55.9'	39°15.5'
19	66°47.2'	76°11.9'	22°22.8'	67°06.4'	67°25.3'	120°25.7'	38°55.0'
20	67°16.7'	76°41.5'	22°49.7'	66°38.8'	67°51.5'	120°55.4'	38°34.7'
21	67°46.3'	77°11.0'	23°16.6'	66°11.2'	68°17.7'	121°25.2'	38°14.5'
22	68°15.9'	77°40.6'	23°43.8'	65°43.6'	68°43.9'	121°55.0'	37°54.5'
23	68°45.5'	78°10.2'	24°11.0'	65°16.0'	69°10.1'	122°24.9'	37°34.7'

Sat Jul 8, 2017 UTC

UTC	+Saturn Lunar Dist.	+Antares Lunar Dist.	+Spica Lunar Dist.	+Jupiter Lunar Dist.	-Formalhaut Lunar Dist.	+Arcturus Lunar Dist.	-Altair Lunar Dist.
0	10°33.0'	24°38.3'	69°15.1'	78°39.8'	64°48.5'	69°36.4'	37°15.0'
1	11°01.6'	25°05.7'	69°44.7'	79°09.4'	64°20.9'	70°02.7'	36°55.6'
2	11°30.3'	25°33.2'	70°14.3'	79°39.0'	63°53.3'	70°29.1'	36°36.3'
3	11°59.2'	26°00.8'	70°44.0'	80°08.6'	63°25.8'	70°55.5'	36°17.2'
4	12°28.1'	26°28.5'	71°13.6'	80°38.2'	62°58.3'	71°21.9'	35°58.4'
5	12°57.1'	26°56.2'	71°43.3'	81°07.9'	62°30.7'	71°48.3'	35°39.7'
6	13°26.2'	27°24.1'	72°13.0'	81°37.5'	62°03.2'	72°14.8'	35°21.3'
7	13°55.4'	27°52.0'	72°42.6'	82°07.2'	61°35.7'	72°41.2'	35°03.1'
8	14°24.7'	28°20.0'	73°12.3'	82°36.8'	61°08.2'	73°07.8'	34°45.1'
9	14°54.0'	28°48.0'	73°42.0'	83°06.5'	60°40.7'	73°34.3'	34°27.4'
10	15°23.4'	29°16.2'	74°11.7'	83°36.2'	60°13.3'	74°00.9'	34°09.9'
11	15°52.8'	29°44.3'	74°41.5'	84°05.9'	59°45.8'	74°27.4'	33°52.6'
12	16°22.3'	30°12.6'	75°11.2'	84°35.6'	59°18.4'	74°54.1'	33°35.6'
13	16°51.8'	30°40.9'	75°41.0'	85°05.3'	58°51.0'	75°20.7'	33°18.9'
14	17°21.4'	31°09.2'	76°10.7'	85°35.1'	58°23.6'	75°47.4'	33°02.4'
15	17°51.0'	31°37.7'	76°40.5'	86°04.8'	57°56.2'	76°14.0'	32°46.2'
16	18°20.6'	32°06.1'	77°10.3'	86°34.6'	57°28.8'	76°40.8'	32°30.3'
17	18°50.3'	32°34.7'	77°40.1'	87°04.3'	57°01.5'	77°07.5'	32°14.7'
18	19°20.0'	33°03.2'	78°09.9'	87°34.1'	56°34.1'	77°34.3'	31°59.4'
19	19°49.8'	33°31.8'	78°39.7'	88°03.9'	56°06.8'	78°01.0'	31°44.4'
20	20°19.6'	34°00.5'	79°09.6'	88°33.7'	55°39.5'	78°27.8'	31°29.7'
21	20°49.4'	34°29.2'	79°39.4'	89°03.5'	55°12.2'	78°54.7'	31°15.3'
22	21°19.2'	34°58.0'	80°09.3'	89°33.3'	54°45.0'	79°21.5'	31°01.3'
23	21°49.1'	35°26.8'	80°39.1'	90°03.2'	54°17.7'	79°48.4'	30°47.6'

Sun Jul 9, 2017 UTC

UTC	+Saturn Lunar Dist.	+Antares Lunar Dist.	-Formalhaut Lunar Dist.	+Spica Lunar Dist.	+Jupiter Lunar Dist.	+Arcturus Lunar Dist.	+Hadar Lunar Dist.
0	22°19.0'	35°55.6'	53°50.5'	81°09.0'	90°33.0'	80°15.2'	65°46.7'
1	22°48.9'	36°24.5'	53°23.3'	81°38.9'	91°02.9'	80°42.2'	66°03.4'
2	23°18.9'	36°53.4'	52°56.2'	82°08.8'	91°32.7'	81°09.1'	66°20.3'
3	23°48.9'	37°22.4'	52°29.0'	82°38.8'	92°02.6'	81°36.0'	66°37.2'
4	24°18.9'	37°51.4'	52°01.9'	83°08.7'	92°32.5'	82°03.0'	66°54.2'
5	24°48.9'	38°20.4'	51°34.8'	83°38.7'	93°02.4'	82°30.0'	67°11.3'
6	25°19.0'	38°49.5'	51°07.8'	84°08.6'	93°32.3'	82°57.0'	67°28.5'
7	25°49.0'	39°18.6'	50°40.7'	84°38.6'	94°02.3'	83°24.0'	67°45.8'
8	26°19.1'	39°47.7'	50°13.8'	85°08.6'	94°32.2'	83°51.0'	68°03.1'
9	26°49.2'	40°16.9'	49°46.8'	85°38.6'	95°02.2'	84°18.1'	68°20.6'
10	27°19.4'	40°46.1'	49°19.9'	86°08.6'	95°32.1'	84°45.2'	68°38.1'
11	27°49.5'	41°15.4'	48°53.0'	86°38.6'	96°02.1'	85°12.3'	68°55.6'
12	28°19.7'	41°44.7'	48°26.1'	87°08.7'	96°32.1'	85°39.4'	69°13.3'
13	28°49.9'	42°14.0'	47°59.3'	87°38.7'	97°02.1'	86°06.5'	69°31.0'
14	29°20.1'	42°43.3'	47°32.5'	88°08.8'	97°32.2'	86°33.6'	69°48.8'
15	29°50.4'	43°12.7'	47°05.8'	88°38.9'	98°02.2'	87°00.8'	70°06.7'
16	30°20.6'	43°42.1'	46°39.1'	89°09.0'	98°32.2'	87°27.9'	70°24.6'
17	30°50.9'	44°11.5'	46°12.5'	89°39.1'	99°02.3'	87°55.1'	70°42.7'
18	31°21.2'	44°40.9'	45°45.9'	90°09.2'	99°32.4'	88°22.3'	71°00.7'
19	31°51.5'	45°10.4'	45°19.3'	90°39.4'	100°02.5'	88°49.5'	71°18.9'
20	32°21.9'	45°39.9'	44°52.8'	91°09.5'	100°32.6'	89°16.8'	71°37.1'
21	32°52.2'	46°09.5'	44°26.3'	91°39.7'	101°02.7'	89°44.0'	71°55.4'
22	33°22.6'	46°39.1'	43°59.9'	92°09.9'	101°32.8'	90°11.3'	72°13.7'
23	33°53.0'	47°08.7'	43°33.6'	92°40.1'	102°03.0'	90°38.5'	72°32.2'

Mon Jul 10, 2017 UTC

UTC	+Saturn Lunar Dist.	+Antares Lunar Dist.	-Formalhaut Lunar Dist.	+Spica Lunar Dist.	+Jupiter Lunar Dist.	+Arcturus Lunar Dist.	+Rigel Kentaurus Lunar Dist.
0	34°23.4'	47°38.3'	43°07.3'	93°10.3'	102°33.1'	91°05.8'	68°27.2'
1	34°53.8'	48°07.9'	42°41.1'	93°40.5'	103°03.3'	91°33.1'	68°45.7'
2	35°24.3'	48°37.6'	42°14.9'	94°10.8'	103°33.5'	92°00.4'	69°04.2'
3	35°54.7'	49°07.3'	41°48.8'	94°41.0'	104°03.7'	92°27.7'	69°22.8'
4	36°25.2'	49°37.1'	41°22.8'	95°11.3'	104°33.9'	92°55.1'	69°41.5'
5	36°55.7'	50°06.8'	40°56.8'	95°41.6'	105°04.2'	93°22.4'	70°00.2'
6	37°26.2'	50°36.6'	40°31.0'	96°11.9'	105°34.4'	93°49.7'	70°19.0'
7	37°56.8'	51°06.4'	40°05.1'	96°42.2'	106°04.7'	94°17.1'	70°37.9'
8	38°27.3'	51°36.2'	39°39.4'	97°12.5'	106°35.0'	94°44.5'	70°56.9'
9	38°57.9'	52°06.1'	39°13.8'	97°42.9'	107°05.3'	95°11.9'	71°15.9'
10	39°28.5'	52°36.0'	38°48.2'	98°13.2'	107°35.6'	95°39.2'	71°35.0'
11	39°59.1'	53°05.9'	38°22.7'	98°43.6'	108°05.9'	96°06.6'	71°54.1'
12	40°29.7'	53°35.8'	37°57.4'	99°14.0'	108°36.2'	96°34.0'	72°13.3'
13	41°00.4'	54°05.8'	37°32.1'	99°44.4'	109°06.6'	97°01.5'	72°32.6'
14	41°31.1'	54°35.7'	37°06.9'	100°14.8'	109°37.0'	97°28.9'	72°52.0'
15	42°01.7'	55°05.7'	36°41.8'	100°45.3'	110°07.3'	97°56.3'	73°11.4'
16	42°32.5'	55°35.8'	36°16.8'	101°15.7'	110°37.7'	98°23.8'	73°30.8'
17	43°03.2'	56°05.8'	35°52.0'	101°46.2'	111°08.2'	98°51.2'	73°50.3'
18	43°33.9'	56°35.9'	35°27.3'	102°16.7'	111°38.6'	99°18.6'	74°09.9'
19	44°04.7'	57°06.0'	35°02.6'	102°47.2'	112°09.0'	99°46.1'	74°29.5'
20	44°35.4'	57°36.1'	34°38.2'	103°17.7'	112°39.5'	100°13.6'	74°49.2'
21	45°06.2'	58°06.2'	34°13.8'	103°48.2'	113°10.0'	100°41.0'	75°08.9'
22	45°37.1'	58°36.4'	33°49.6'	104°18.7'	113°40.5'	101°08.5'	75°28.7'
23	46°07.9'	59°06.6'	33°25.5'	104°49.3'	114°11.0'	101°36.0'	75°48.6'

Tue Jul 11, 2017 UTC

UTC	+Saturn Lunar Dist.	+Antares Lunar Dist.	-Formalhaut Lunar Dist.	+Spica Lunar Dist.	+Jupiter Lunar Dist.	+Arcturus Lunar Dist.	-Venus Lunar Dist.
0	46°38.7'	59°36.8'	33°01.6'	105°19.9'	114°41.5'	102°03.4'	117°16.0'
1	47°09.6'	60°07.0'	32°37.8'	105°50.5'	115°12.1'	102°30.9'	116°48.0'
2	47°40.5'	60°37.3'	32°14.2'	106°21.1'	115°42.6'	102°58.4'	116°20.0'
3	48°11.4'	61°07.6'	31°50.8'	106°51.7'	116°13.2'	103°25.9'	115°52.0'
4	48°42.3'	61°37.9'	31°27.6'	107°22.4'	116°43.8'	103°53.4'	115°23.9'
5	49°13.3'	62°08.2'	31°04.5'	107°53.0'	117°14.4'	104°20.9'	114°55.9'
6	49°44.2'	62°38.5'	30°41.6'	108°23.7'	117°45.1'	104°48.4'	114°27.8'
7	50°15.2'	63°08.9'	30°18.9'	108°54.4'	118°15.7'	105°15.9'	113°59.7'
8	50°46.2'	63°39.3'	29°56.5'	109°25.1'	118°46.4'	105°43.4'	113°31.6'
9	51°17.2'	64°09.7'	29°34.2'	109°55.8'	119°17.0'	106°10.8'	113°03.4'
10	51°48.3'	64°40.1'	29°12.2'	110°26.5'	119°47.7'	106°38.3'	112°35.3'
11	52°19.3'	65°10.6'	28°50.4'	110°57.3'	120°18.5'	107°05.8'	112°07.1'
12	52°50.4'	65°41.1'	28°28.9'	111°28.1'	120°49.2'	107°33.3'	111°39.0'
13	53°21.5'	66°11.6'	28°07.6'	111°58.8'	121°19.9'	108°00.8'	111°10.8'
14	53°52.6'	66°42.1'	27°46.6'	112°29.6'	121°50.7'	108°28.3'	110°42.5'
15	54°23.7'	67°12.6'	27°25.9'	113°00.5'	122°21.5'	108°55.8'	110°14.3'
16	54°54.9'	67°43.2'	27°05.4'	113°31.3'	122°52.3'	109°23.2'	109°46.0'
17	55°26.1'	68°13.8'	26°45.3'	114°02.2'	123°23.1'	109°50.7'	109°17.8'
18	55°57.3'	68°44.4'	26°25.5'	114°33.0'	123°54.0'	110°18.2'	108°49.5'
19	56°28.5'	69°15.0'	26°06.0'	115°03.9'	124°24.8'	110°45.6'	108°21.2'
20	56°59.7'	69°45.7'	25°46.8'	115°34.8'	124°55.7'	111°13.1'	107°52.8'
21	57°31.0'	70°16.4'	25°28.0'	116°05.7'	125°26.6'	111°40.5'	107°24.5'
22	58°02.2'	70°47.1'	25°09.6'	116°36.7'	125°57.5'	112°07.9'	106°56.1'
23	58°33.5'	71°17.8'	24°51.5'	117°07.6'	126°28.4'	112°35.4'	106°27.7'

Wed Jul 12, 2017 UTC

UTC	+Saturn Lunar Dist.	+Antares Lunar Dist.	-Aldebaran Lunar Dist.	+Spica Lunar Dist.	-Venus Lunar Dist.	-Rigel Lunar Dist.	+Arcturus Lunar Dist.
0	59°04.8'	71°48.5'	108°13.8'	117°38.6'	105°59.3'	111°37.4'	113°02.8'
1	59°36.2'	72°19.3'	107°42.5'	118°09.6'	105°30.9'	111°10.0'	113°30.2'
2	60°07.5'	72°50.1'	107°11.3'	118°40.6'	105°02.4'	110°42.4'	113°57.6'
3	60°38.9'	73°20.9'	106°40.0'	119°11.6'	104°34.0'	110°14.9'	114°24.9'
4	61°10.3'	73°51.7'	106°08.7'	119°42.6'	104°05.5'	109°47.3'	114°52.3'
5	61°41.7'	74°22.6'	105°37.3'	120°13.7'	103°37.0'	109°19.6'	115°19.7'
6	62°13.1'	74°53.5'	105°06.0'	120°44.8'	103°08.4'	108°51.9'	115°47.0'
7	62°44.6'	75°24.4'	104°34.6'	121°15.9'	102°39.9'	108°24.2'	116°14.3'
8	63°16.0'	75°55.3'	104°03.2'	121°47.0'	102°11.3'	107°56.4'	116°41.6'
9	63°47.5'	76°26.2'	103°31.8'	122°18.1'	101°42.7'	107°28.6'	117°08.9'
10	64°19.1'	76°57.2'	103°00.4'	122°49.2'	101°14.1'	107°00.8'	117°36.2'
11	64°50.6'	77°28.2'	102°29.0'	123°20.4'	100°45.5'	106°32.9'	118°03.4'
12	65°22.2'	77°59.2'	101°57.5'	123°51.6'	100°16.9'	106°05.0'	118°30.7'
13	65°53.7'	78°30.2'	101°26.0'	124°22.8'	99°48.2'	105°37.0'	118°57.9'
14	66°25.3'	79°01.3'	100°54.5'	124°54.0'	99°19.5'	105°09.0'	119°25.1'
15	66°57.0'	79°32.4'	100°22.9'	125°25.2'	98°50.8'	104°41.0'	119°52.2'
16	67°28.6'	80°03.5'	99°51.4'	125°56.4'	98°22.0'	104°12.9'	120°19.4'
17	68°00.3'	80°34.6'	99°19.8'	126°27.7'	97°53.3'	103°44.9'	120°46.5'
18	68°32.0'	81°05.7'	98°48.2'	126°59.0'	97°24.5'	103°16.7'	121°13.6'
19	69°03.7'	81°36.9'	98°16.6'	127°30.3'	96°55.7'	102°48.6'	121°40.6'
20	69°35.4'	82°08.1'	97°45.0'	128°01.6'	96°26.9'	102°20.4'	122°07.7'
21	70°07.2'	82°39.3'	97°13.3'	128°32.9'	95°58.1'	101°52.1'	122°34.7'
22	70°38.9'	83°10.5'	96°41.6'	129°04.3'	95°29.2'	101°23.9'	123°01.6'
23	71°10.7'	83°41.8'	96°09.9'	129°35.6'	95°00.3'	100°55.6'	123°28.6'

Thu Jul 13, 2017 UTC

UTC	+Saturn Lunar Dist.	+Antares Lunar Dist.	-Aldebaran Lunar Dist.	-Betelgeuse Lunar Dist.	-Venus Lunar Dist.	+Altair Lunar Dist.	-Rigel Lunar Dist.
0	71°42.6'	84°13.1'	95°38.2'	113°25.3'	94°31.4'	43°07.7'	100°27.3'
1	72°14.4'	84°44.4'	95°06.4'	112°54.3'	94°02.5'	43°31.4'	99°58.9'
2	72°46.3'	85°15.7'	94°34.7'	112°23.3'	93°33.5'	43°55.2'	99°30.5'
3	73°18.2'	85°47.1'	94°02.9'	111°52.3'	93°04.6'	44°19.2'	99°02.1'
4	73°50.1'	86°18.4'	93°31.0'	111°21.3'	92°35.6'	44°43.3'	98°33.7'
5	74°22.0'	86°49.8'	92°59.2'	110°50.2'	92°06.6'	45°07.6'	98°05.2'
6	74°54.0'	87°21.2'	92°27.3'	110°19.1'	91°37.5'	45°32.0'	97°36.7'
7	75°26.0'	87°52.7'	91°55.4'	109°47.9'	91°08.5'	45°56.6'	97°08.1'
8	75°58.0'	88°24.2'	91°23.5'	109°16.8'	90°39.4'	46°21.3'	96°39.6'
9	76°30.0'	88°55.6'	90°51.6'	108°45.6'	90°10.3'	46°46.1'	96°11.0'
10	77°02.0'	89°27.2'	90°19.6'	108°14.3'	89°41.1'	47°11.0'	95°42.4'
11	77°34.1'	89°58.7'	89°47.7'	107°43.1'	89°12.0'	47°36.1'	95°13.7'
12	78°06.2'	90°30.3'	89°15.7'	107°11.8'	88°42.8'	48°01.3'	94°45.1'
13	78°38.3'	91°01.8'	88°43.6'	106°40.5'	88°13.6'	48°26.6'	94°16.4'
14	79°10.5'	91°33.4'	88°11.6'	106°09.2'	87°44.4'	48°52.0'	93°47.6'
15	79°42.7'	92°05.1'	87°39.5'	105°37.8'	87°15.1'	49°17.6'	93°18.9'
16	80°14.9'	92°36.7'	87°07.4'	105°06.4'	86°45.8'	49°43.2'	92°50.1'
17	80°47.1'	93°08.4'	86°35.3'	104°35.0'	86°16.5'	50°09.0'	92°21.3'
18	81°19.3'	93°40.1'	86°03.1'	104°03.6'	85°47.2'	50°34.9'	91°52.5'
19	81°51.6'	94°11.8'	85°30.9'	103°32.1'	85°17.9'	51°00.8'	91°23.6'
20	82°23.9'	94°43.6'	84°58.7'	103°00.6'	84°48.5'	51°26.9'	90°54.8'
21	82°56.2'	95°15.4'	84°26.5'	102°29.1'	84°19.1'	51°53.1'	90°25.9'
22	83°28.6'	95°47.2'	83°54.2'	101°57.6'	83°49.7'	52°19.4'	89°57.0'
23	84°01.0'	96°19.0'	83°22.0'	101°26.0'	83°20.2'	52°45.8'	89°28.0'

Fri Jul 14, 2017 UTC

UTC	-Aldebaran Lunar Dist.	+Saturn Lunar Dist.	+Antares Lunar Dist.	-Betelgeuse Lunar Dist.	+Altair Lunar Dist.	-Venus Lunar Dist.	-Rigel Lunar Dist.
0	82°49.7'	84°33.4'	96°50.8'	100°54.4'	53°12.3'	82°50.7'	88°59.0'
1	82°17.3'	85°05.8'	97°22.7'	100°22.7'	53°38.9'	82°21.2'	88°30.1'
2	81°45.0'	85°38.2'	97°54.6'	99°51.1'	54°05.6'	81°51.7'	88°01.1'
3	81°12.6'	86°10.7'	98°26.5'	99°19.4'	54°32.3'	81°22.2'	87°32.0'
4	80°40.2'	86°43.2'	98°58.5'	98°47.7'	54°59.2'	80°52.6'	87°03.0'
5	80°07.7'	87°15.7'	99°30.4'	98°15.9'	55°26.1'	80°23.0'	86°33.9'
6	79°35.3'	87°48.3'	100°02.4'	97°44.1'	55°53.2'	79°53.4'	86°04.8'
7	79°02.8'	88°20.9'	100°34.4'	97°12.3'	56°20.3'	79°23.7'	85°35.7'
8	78°30.3'	88°53.5'	101°06.5'	96°40.5'	56°47.5'	78°54.0'	85°06.6'
9	77°57.7'	89°26.1'	101°38.6'	96°08.7'	57°14.8'	78°24.3'	84°37.4'
10	77°25.2'	89°58.8'	102°10.7'	95°36.8'	57°42.2'	77°54.6'	84°08.3'
11	76°52.6'	90°31.5'	102°42.8'	95°04.9'	58°09.6'	77°24.8'	83°39.1'
12	76°20.0'	91°04.2'	103°14.9'	94°32.9'	58°37.1'	76°55.0'	83°09.9'
13	75°47.3'	91°36.9'	103°47.1'	94°01.0'	59°04.7'	76°25.2'	82°40.6'
14	75°14.6'	92°09.7'	104°19.3'	93°29.0'	59°32.4'	75°55.4'	82°11.4'
15	74°41.9'	92°42.5'	104°51.5'	92°56.9'	60°00.2'	75°25.5'	81°42.1'
16	74°09.2'	93°15.3'	105°23.7'	92°24.9'	60°28.0'	74°55.6'	81°12.9'
17	73°36.4'	93°48.2'	105°56.0'	91°52.8'	60°55.9'	74°25.7'	80°43.6'
18	73°03.6'	94°21.1'	106°28.3'	91°20.7'	61°23.9'	73°55.7'	80°14.3'
19	72°30.8'	94°54.0'	107°00.6'	90°48.6'	61°51.9'	73°25.8'	79°45.0'
20	71°58.0'	95°26.9'	107°33.0'	90°16.4'	62°20.0'	72°55.8'	79°15.6'
21	71°25.1'	95°59.9'	108°05.3'	89°44.2'	62°48.2'	72°25.7'	78°46.3'
22	70°52.2'	96°32.9'	108°37.7'	89°12.0'	63°16.5'	71°55.7'	78°17.0'
23	70°19.3'	97°05.9'	109°10.1'	88°39.7'	63°44.8'	71°25.6'	77°47.6'

Sat Jul 15, 2017 UTC

UTC	−Sun Lunar Dist.	−Aldebaran Lunar Dist.	−Betelgeuse Lunar Dist.	+Saturn Lunar Dist.	−Venus Lunar Dist.	+Altair Lunar Dist.	−Rigel Lunar Dist.
0	112°36.4'	69°46.3'	88°07.5'	97°38.9'	70°55.5'	64°13.2'	77°18.2'
1	112°05.8'	69°13.3'	87°35.1'	98°12.0'	70°25.3'	64°41.6'	76°48.8'
2	111°35.2'	68°40.3'	87°02.8'	98°45.1'	69°55.1'	65°10.1'	76°19.4'
3	111°04.6'	68°07.2'	86°30.5'	99°18.3'	69°24.9'	65°38.7'	75°50.0'
4	110°33.9'	67°34.2'	85°58.1'	99°51.4'	68°54.7'	66°07.3'	75°20.6'
5	110°03.2'	67°01.1'	85°25.6'	100°24.6'	68°24.4'	66°36.0'	74°51.1'
6	109°32.5'	66°27.9'	84°53.2'	100°57.9'	67°54.1'	67°04.8'	74°21.7'
7	109°01.8'	65°54.8'	84°20.7'	101°31.1'	67°23.8'	67°33.6'	73°52.3'
8	108°31.0'	65°21.6'	83°48.2'	102°04.4'	66°53.5'	68°02.5'	73°22.8'
9	108°00.2'	64°48.3'	83°15.7'	102°37.7'	66°23.1'	68°31.4'	72°53.3'
10	107°29.4'	64°15.1'	82°43.1'	103°11.1'	65°52.7'	69°00.4'	72°23.9'
11	106°58.5'	63°41.8'	82°10.5'	103°44.4'	65°22.2'	69°29.4'	71°54.4'
12	106°27.6'	63°08.5'	81°37.9'	104°17.8'	64°51.7'	69°58.5'	71°24.9'
13	105°56.7'	62°35.1'	81°05.3'	104°51.3'	64°21.2'	70°27.7'	70°55.5'
14	105°25.7'	62°01.7'	80°32.6'	105°24.8'	63°50.7'	70°56.9'	70°26.0'
15	104°54.7'	61°28.3'	79°59.9'	105°58.2'	63°20.1'	71°26.2'	69°56.5'
16	104°23.7'	60°54.9'	79°27.2'	106°31.8'	62°49.6'	71°55.5'	69°27.0'
17	103°52.6'	60°21.4'	78°54.4'	107°05.3'	62°18.9'	72°24.8'	68°57.5'
18	103°21.5'	59°47.9'	78°21.6'	107°38.9'	61°48.3'	72°54.3'	68°28.0'
19	102°50.4'	59°14.3'	77°48.8'	108°12.5'	61°17.6'	73°23.7'	67°58.5'
20	102°19.2'	58°40.8'	77°16.0'	108°46.2'	60°46.9'	73°53.3'	67°29.1'
21	101°48.1'	58°07.2'	76°43.1'	109°19.9'	60°16.1'	74°22.8'	66°59.6'
22	101°16.8'	57°33.5'	76°10.2'	109°53.6'	59°45.3'	74°52.4'	66°30.1'
23	100°45.6'	56°59.9'	75°37.3'	110°27.3'	59°14.5'	75°22.1'	66°00.6'

Sun Jul 16, 2017 UTC

UTC	−Sun Lunar Dist.	−Aldebaran Lunar Dist.	−Betelgeuse Lunar Dist.	−Venus Lunar Dist.	+Formalhaut Lunar Dist.	−Rigel Lunar Dist.	+Saturn Lunar Dist.
0	100°14.3'	56°26.2'	75°04.4'	58°43.7'	41°51.0'	65°31.2'	111°01.1'
1	99°43.0'	55°52.4'	74°31.4'	58°12.8'	42°19.9'	65°01.7'	111°34.9'
2	99°11.6'	55°18.7'	73°58.4'	57°41.9'	42°48.9'	64°32.3'	112°08.8'
3	98°40.3'	54°44.9'	73°25.3'	57°11.0'	43°18.1'	64°02.8'	112°42.6'
4	98°08.8'	54°11.1'	72°52.3'	56°40.0'	43°47.4'	63°33.4'	113°16.6'
5	97°37.4'	53°37.2'	72°19.2'	56°09.0'	44°16.8'	63°04.0'	113°50.5'
6	97°05.9'	53°03.3'	71°46.1'	55°38.0'	44°46.3'	62°34.6'	114°24.5'
7	96°34.4'	52°29.4'	71°12.9'	55°06.9'	45°15.9'	62°05.2'	114°58.5'
8	96°02.9'	51°55.4'	70°39.8'	54°35.8'	45°45.6'	61°35.8'	115°32.5'
9	95°31.3'	51°21.4'	70°06.6'	54°04.7'	46°15.5'	61°06.5'	116°06.6'
10	94°59.7'	50°47.4'	69°33.3'	53°33.5'	46°45.4'	60°37.2'	116°40.7'
11	94°28.0'	50°13.3'	69°00.1'	53°02.3'	47°15.4'	60°07.9'	117°14.8'
12	93°56.3'	49°39.2'	68°26.8'	52°31.1'	47°45.6'	59°38.6'	117°48.9'
13	93°24.6'	49°05.1'	67°53.5'	51°59.8'	48°15.8'	59°09.3'	118°23.1'
14	92°52.9'	48°31.0'	67°20.2'	51°28.6'	48°46.1'	58°40.0'	118°57.4'
15	92°21.1'	47°56.8'	66°46.8'	50°57.2'	49°16.5'	58°10.8'	119°31.6'
16	91°49.3'	47°22.5'	66°13.4'	50°25.9'	49°47.0'	57°41.6'	120°05.9'
17	91°17.4'	46°48.3'	65°40.0'	49°54.5'	50°17.6'	57°12.5'	120°40.2'
18	90°45.6'	46°14.0'	65°06.6'	49°23.1'	50°48.3'	56°43.4'	121°14.6'
19	90°13.6'	45°39.7'	64°33.1'	48°51.6'	51°19.1'	56°14.3'	121°49.0'
20	89°41.7'	45°05.3'	63°59.6'	48°20.1'	51°49.9'	55°45.2'	122°23.4'
21	89°09.7'	44°30.9'	63°26.1'	47°48.6'	52°20.9'	55°16.2'	122°57.9'
22	88°37.7'	43°56.5'	62°52.6'	47°17.1'	52°51.9'	54°47.2'	123°32.4'
23	88°05.6'	43°22.0'	62°19.1'	46°45.5'	53°23.0'	54°18.3'	124°06.9'

Mon Jul 17, 2017 UTC

UTC	−Sun Lunar Dist.	−Aldebaran Lunar Dist.	−Betelgeuse Lunar Dist.	−Venus Lunar Dist.	+Formalhaut Lunar Dist.	−Rigel Lunar Dist.	−Capella Lunar Dist.
0	87°33.5'	42°47.5'	61°45.5'	46°13.9'	53°54.2'	53°49.4'	60°19.7'
1	87°01.4'	42°13.0'	61°11.9'	45°42.2'	54°25.4'	53°20.6'	59°50.5'
2	86°29.3'	41°38.4'	60°38.2'	45°10.5'	54°56.7'	52°51.8'	59°21.3'
3	85°57.1'	41°03.8'	60°04.6'	44°38.8'	55°28.1'	52°23.0'	58°52.1'
4	85°24.8'	40°29.2'	59°30.9'	44°07.1'	55°59.6'	51°54.4'	58°22.9'
5	84°52.6'	39°54.5'	58°57.2'	43°35.3'	56°31.2'	51°25.7'	57°53.8'
6	84°20.3'	39°19.8'	58°23.5'	43°03.5'	57°02.8'	50°57.2'	57°24.8'
7	83°48.0'	38°45.1'	57°49.8'	42°31.6'	57°34.5'	50°28.7'	56°55.7'
8	83°15.6'	38°10.3'	57°16.0'	41°59.8'	58°06.2'	50°00.2'	56°26.7'
9	82°43.2'	37°35.5'	56°42.2'	41°27.8'	58°38.1'	49°31.9'	55°57.8'
10	82°10.8'	37°00.6'	56°08.4'	40°55.9'	59°09.9'	49°03.6'	55°28.9'
11	81°38.3'	36°25.8'	55°34.6'	40°23.9'	59°41.9'	48°35.4'	54°60.0'
12	81°05.8'	35°50.8'	55°00.8'	39°51.9'	60°13.9'	48°07.3'	54°31.2'
13	80°33.3'	35°15.9'	54°26.9'	39°19.9'	60°46.0'	47°39.2'	54°02.4'
14	80°00.7'	34°40.9'	53°53.1'	38°47.8'	61°18.2'	47°11.3'	53°33.7'
15	79°28.1'	34°05.9'	53°19.2'	38°15.7'	61°50.4'	46°43.4'	53°05.1'
16	78°55.5'	33°30.9'	52°45.3'	37°43.6'	62°22.6'	46°15.6'	52°36.5'
17	78°22.8'	32°55.8'	52°11.4'	37°11.4'	62°55.0'	45°48.0'	52°08.0'
18	77°50.1'	32°20.7'	51°37.4'	36°39.2'	63°27.4'	45°20.4'	51°39.5'
19	77°17.3'	31°45.5'	51°03.5'	36°07.0'	63°59.8'	44°53.0'	51°11.1'
20	76°44.6'	31°10.3'	50°29.5'	35°34.7'	64°32.3'	44°25.6'	50°42.8'
21	76°11.7'	30°35.1'	49°55.5'	35°02.4'	65°04.9'	43°58.4'	50°14.6'
22	75°38.9'	29°59.9'	49°21.6'	34°30.1'	65°37.5'	43°31.3'	49°46.5'
23	75°06.0'	29°24.6'	48°47.6'	33°57.7'	66°10.2'	43°04.4'	49°18.4'

Tue Jul 18, 2017 UTC

UTC	−Sun Lunar Dist.	−Aldebaran Lunar Dist.	−Betelgeuse Lunar Dist.	−Venus Lunar Dist.	+Formalhaut Lunar Dist.	−Capella Lunar Dist.	−Rigel Lunar Dist.
0	74°33.1'	28°49.2'	48°13.6'	33°25.4'	66°42.9'	48°50.4'	42°37.6'
1	74°00.2'	28°13.9'	47°39.5'	32°53.0'	67°15.7'	48°22.5'	42°10.9'
2	73°27.2'	27°38.5'	47°05.5'	32°20.5'	67°48.5'	47°54.7'	41°44.4'
3	72°54.2'	27°03.1'	46°31.5'	31°48.0'	68°21.4'	47°27.1'	41°18.0'
4	72°21.1'	26°27.6'	45°57.5'	31°15.5'	68°54.3'	46°59.5'	40°51.8'
5	71°48.0'	25°52.1'	45°23.4'	30°43.0'	69°27.3'	46°32.0'	40°25.8'
6	71°14.9'	25°16.6'	44°49.4'	30°10.4'	70°00.4'	46°04.6'	39°59.9'
7	70°41.8'	24°41.1'	44°15.3'	29°37.8'	70°33.4'	45°37.4'	39°34.2'
8	70°08.6'	24°05.5'	43°41.3'	29°05.2'	71°06.6'	45°10.3'	39°08.7'
9	69°35.4'	23°29.9'	43°07.2'	28°32.6'	71°39.8'	44°43.3'	38°43.4'
10	69°02.1'	22°54.2'	42°33.2'	27°59.9'	72°13.0'	44°16.5'	38°18.4'
11	68°28.9'	22°18.5'	41°59.2'	27°27.2'	72°46.3'	43°49.8'	37°53.5'
12	67°55.5'	21°42.8'	41°25.1'	26°54.5'	73°19.6'	43°23.2'	37°28.9'
13	67°22.2'	21°07.0'	40°51.1'	26°21.7'	73°53.0'	42°56.8'	37°04.5'
14	66°48.8'	20°31.3'	40°17.1'	25°49.0'	74°26.4'	42°30.5'	36°40.3'
15	66°15.4'	19°55.4'	39°43.1'	25°16.2'	74°59.8'	42°04.5'	36°16.4'
16	65°42.0'	19°19.6'	39°09.1'	24°43.3'	75°33.3'	41°38.5'	35°52.8'
17	65°08.5'	18°43.7'	38°35.2'	24°10.5'	76°06.9'	41°12.8'	35°29.4'
18	64°35.0'	18°07.8'	38°01.2'	23°37.6'	76°40.5'	40°47.3'	35°06.3'
19	64°01.4'	17°31.9'	37°27.3'	23°04.7'	77°14.1'	40°21.9'	34°43.5'
20	63°27.9'	16°55.9'	36°53.4'	22°31.8'	77°47.7'	39°56.8'	34°21.0'
21	62°54.3'	16°19.9'	36°19.5'	21°58.9'	78°21.4'	39°31.8'	33°58.9'
22	62°20.6'	15°43.8'	35°45.7'	21°25.9'	78°55.2'	39°07.1'	33°37.0'
23	61°47.0'	15°07.8'	35°11.9'	20°53.0'	79°29.0'	38°42.6'	33°15.6'

Wed Jul 19, 2017 UTC

UTC	−Sun Lunar Dist.	−Aldebaran Lunar Dist.	−Venus Lunar Dist.	−Betelgeuse Lunar Dist.	+Formalhaut Lunar Dist.	−Capella Lunar Dist.	+Altair Lunar Dist.
0	61°13.3'	14°31.7'	20°20.0'	34°38.1'	80°02.8'	38°18.4'	112°55.8'
1	60°39.6'	13°55.6'	19°47.0'	34°04.4'	80°36.6'	37°54.4'	113°27.1'
2	60°05.8'	13°19.4'	19°14.0'	33°30.7'	81°10.5'	37°30.6'	113°58.5'
3	59°32.0'	12°43.2'	18°41.0'	32°57.1'	81°44.5'	37°07.1'	114°29.8'
4	58°58.2'	12°07.0'	18°08.0'	32°23.5'	82°18.4'	36°43.9'	115°01.1'
5	58°24.4'	11°30.8'	17°34.9'	31°50.0'	82°52.4'	36°21.0'	115°32.4'
6	57°50.5'	10°54.5'	17°01.9'	31°16.6'	83°26.4'	35°58.4'	116°03.6'
7	57°16.6'	10°18.3'	16°28.9'	30°43.2'	84°00.5'	35°36.1'	116°34.9'
8	56°42.7'	9°41.9'	15°55.8'	30°09.9'	84°34.6'	35°14.0'	117°06.1'
9	56°08.7'	9°05.6'	15°22.8'	29°36.6'	85°08.7'	34°52.4'	117°37.3'
10	55°34.7'	8°29.2'	14°49.8'	29°03.5'	85°42.9'	34°31.0'	118°08.4'
11	55°00.7'	7°52.9'	14°16.8'	28°30.5'	86°17.1'	34°10.1'	118°39.6'
12	54°26.7'	7°16.5'	13°43.8'	27°57.5'	86°51.3'	33°49.5'	119°10.7'
13	53°52.6'	6°40.1'	13°10.9'	27°24.7'	87°25.5'	33°29.2'	119°41.7'
14	53°18.5'	6°03.6'	12°37.9'	26°52.0'	87°59.8'	33°09.4'	120°12.7'
15	52°44.4'	5°27.2'	12°05.1'	26°19.4'	88°34.1'	32°50.0'	120°43.7'
16	52°10.3'	4°50.8'	11°32.3'	25°47.0'	89°08.4'	32°31.0'	121°14.7'
17	51°36.1'	4°14.3'	10°59.5'	25°14.7'	89°42.7'	32°12.4'	121°45.5'
18	51°01.9'	3°37.9'	10°26.8'	24°42.6'	90°17.1'	31°54.3'	122°16.4'
19	50°27.7'	3°01.6'	9°54.2'	24°10.6'	90°51.5'	31°36.7'	122°47.2'
20	49°53.4'	2°25.4'	9°21.8'	23°38.9'	91°25.9'	31°19.5'	123°17.9'
21	49°19.2'	1°49.5'	8°49.5'	23°07.4'	92°00.4'	31°02.8'	123°48.6'
22	48°44.9'	–	8°17.3'	22°36.0'	92°34.8'	30°46.7'	124°19.2'
23	48°10.6'	–	7°45.4'	22°05.0'	93°09.3'	30°31.0'	124°49.8'

Thu Jul 20, 2017 UTC

UTC	−Sun Lunar Dist.	−Venus Lunar Dist.	−Betelgeuse Lunar Dist.	+Formalhaut Lunar Dist.	−Sirius Lunar Dist.	+Achernar Lunar Dist.	+Deneb Lunar Dist.
0	47°36.2'	7°13.8'	21°34.2'	93°43.8'	46°20.2'	82°52.8'	96°36.6'
1	47°01.9'	6°42.6'	21°03.6'	94°18.3'	45°59.0'	83°12.4'	96°54.3'
2	46°27.5'	6°11.7'	20°33.4'	94°52.9'	45°38.1'	83°32.0'	97°12.0'
3	45°53.1'	5°41.5'	20°03.5'	95°27.4'	45°17.4'	83°51.7'	97°29.6'
4	45°18.7'	–	19°34.0'	96°02.0'	44°56.9'	84°11.4'	97°47.3'
5	44°44.2'	–	19°04.9'	96°36.6'	44°36.7'	84°31.1'	98°04.9'
6	44°09.8'	–	18°36.2'	97°11.2'	44°16.8'	84°50.9'	98°22.4'
7	43°35.3'	–	18°07.9'	97°45.8'	43°57.2'	85°10.8'	98°39.9'
8	43°00.8'	–	17°40.2'	98°20.4'	43°37.9'	85°30.6'	98°57.4'
9	42°26.2'	–	17°13.0'	98°55.0'	43°18.8'	85°50.5'	99°14.9'
10	41°51.7'	–	16°46.3'	99°29.7'	43°00.1'	86°10.5'	99°32.3'
11	41°17.1'	–	16°20.4'	100°04.3'	42°41.7'	86°30.4'	99°49.7'
12	40°42.6'	–	15°55.1'	100°39.0'	42°23.6'	86°50.4'	100°07.0'
13	40°08.0'	–	–	101°13.7'	42°05.8'	87°10.4'	100°24.3'
14	39°33.4'	–	–	101°48.4'	41°48.3'	87°30.5'	100°41.5'
15	38°58.8'	–	–	102°23.0'	41°31.2'	87°50.5'	100°58.6'
16	38°24.1'	–	–	102°57.7'	41°14.4'	88°10.6'	101°15.8'
17	37°49.5'	–	–	103°32.4'	40°58.0'	88°30.7'	101°32.8'
18	37°14.8'	–	–	104°07.1'	40°42.0'	88°50.8'	101°49.8'
19	36°40.1'	–	–	104°41.8'	40°26.3'	89°10.9'	102°06.8'
20	36°05.4'	–	–	105°16.5'	40°11.1'	89°31.1'	102°23.7'
21	35°30.7'	5°54.1'	–	105°51.2'	39°56.2'	89°51.2'	102°40.5'
22	34°56.0'	6°24.9'	–	106°25.9'	39°41.7'	90°11.4'	102°57.2'
23	34°21.3'	6°56.3'	–	107°00.6'	39°27.6'	90°31.5'	103°13.9'

Fri Jul 21, 2017 UTC

UTC	+Aldebaran Lunar Dist.	+Venus Lunar Dist.	+Formalhaut Lunar Dist.	+Achernar Lunar Dist.
0	14°52.5'	7°28.1'	107°35.3'	90°51.7'
1	15°29.7'	8°00.3'	108°09.9'	91°11.9'
2	16°06.9'	8°32.8'	108°44.6'	91°32.0'
3	16°44.1'	9°05.5'	109°19.3'	91°52.2'
4	17°21.3'	9°38.4'	109°53.9'	92°12.4'
5	17°58.5'	10°11.5'	110°28.6'	92°32.5'
6	18°35.8'	10°44.7'	111°03.2'	92°52.7'
7	19°13.0'	11°18.1'	111°37.8'	93°12.8'
8	19°50.3'	11°51.6'	112°12.4'	93°32.9'
9	20°27.6'	12°25.1'	112°47.0'	93°53.1'
10	21°04.9'	12°58.8'	113°21.6'	94°13.2'
11	21°42.1'	13°32.5'	113°56.2'	94°33.2'
12	22°19.4'	14°06.2'	114°30.7'	94°53.3'
13	22°56.7'	14°40.1'	115°05.2'	95°13.3'
14	23°34.0'	15°14.0'	115°39.7'	95°33.4'
15	24°11.3'	15°47.9'	116°14.1'	95°53.4'
16	24°48.7'	16°21.9'	116°48.6'	96°13.3'
17	25°26.0'	16°55.9'	117°23.0'	96°33.2'
18	26°03.3'	17°29.9'	117°57.4'	96°53.1'
19	26°40.6'	18°04.0'	118°31.7'	97°13.0'
20	27°17.9'	18°38.1'	119°06.0'	97°32.8'
21	27°55.2'	19°12.2'	119°40.3'	97°52.6'
22	28°32.5'	19°46.3'	120°14.5'	98°12.4'
23	29°09.9'	20°20.4'	120°48.8'	98°32.1'

Sat Jul 22, 2017 UTC

UTC	+Aldebaran Lunar Dist.	+Venus Lunar Dist.	+Betelgeuse Lunar Dist.	+Rigel Lunar Dist.	+Capella Lunar Dist.
0	29°47.2'	20°54.6'	16°20.0'	34°50.6'	31°41.8'
1	30°24.5'	21°28.8'	16°46.2'	35°14.4'	31°60.0'
2	31°01.8'	22°03.0'	17°13.0'	35°38.5'	32°18.6'
3	31°39.1'	22°37.2'	17°40.5'	36°02.9'	32°37.7'
4	32°16.4'	23°11.4'	18°08.5'	36°27.6'	32°57.2'
5	32°53.7'	23°45.6'	18°37.1'	36°52.7'	33°17.2'
6	33°31.0'	24°19.8'	19°06.1'	37°18.0'	33°37.6'
7	34°08.3'	24°54.0'	19°35.6'	37°43.6'	33°58.5'
8	34°45.6'	25°28.3'	20°05.5'	38°09.5'	34°19.7'
9	35°22.8'	26°02.5'	20°35.8'	38°35.6'	34°41.4'
10	36°00.1'	26°36.7'	21°06.4'	39°02.0'	35°03.4'
11	36°37.4'	27°10.9'	21°37.4'	39°28.6'	35°25.8'
12	37°14.6'	27°45.2'	22°08.6'	39°55.5'	35°48.5'
13	37°51.9'	28°19.4'	22°40.2'	40°22.5'	36°11.6'
14	38°29.1'	28°53.6'	23°11.9'	40°49.8'	36°35.0'
15	39°06.3'	29°27.8'	23°44.0'	41°17.3'	36°58.7'
16	39°43.5'	30°02.0'	24°16.2'	41°45.0'	37°22.8'
17	40°20.7'	30°36.2'	24°48.7'	42°12.9'	37°47.1'
18	40°57.9'	31°10.4'	25°21.3'	42°41.0'	38°11.7'
19	41°35.0'	31°44.6'	25°54.2'	43°09.2'	38°36.6'
20	42°12.2'	32°18.7'	26°27.2'	43°37.6'	39°01.8'
21	42°49.3'	32°52.9'	27°00.3'	44°06.2'	39°27.2'
22	43°26.5'	33°27.1'	27°33.6'	44°34.9'	39°52.9'
23	44°03.6'	34°01.2'	28°07.0'	45°03.8'	40°18.8'

Tue Jul 25, 2017 UTC

UTC	–Regulus Lunar Dist.	–Jupiter Lunar Dist.	–Spica Lunar Dist.	–Arcturus Lunar Dist.	–Antares Lunar Dist.	–Saturn Lunar Dist.
0	6°17.1'	52°18.8'	60°18.0'	65°07.6'	106°09.0'	118°08.6'
1	5°41.5'	51°43.5'	59°42.7'	64°36.5'	105°33.9'	117°32.9'
2	5°05.9'	51°08.3'	59°07.4'	64°05.4'	104°58.9'	116°57.3'
3	4°30.3'	50°33.2'	58°32.2'	63°34.4'	104°23.9'	116°21.7'
4	3°54.8'	49°58.0'	57°57.0'	63°03.6'	103°48.9'	115°46.1'
5	3°19.4'	49°22.9'	57°21.9'	62°32.7'	103°13.9'	115°10.6'
6	2°44.0'	48°47.9'	56°46.8'	62°02.0'	102°39.0'	114°35.2'
7	2°08.6'	48°12.9'	56°11.8'	61°31.4'	102°04.2'	113°59.7'
8	1°33.3'	47°37.9'	55°36.8'	61°00.8'	101°29.4'	113°24.4'
9	58.0'	47°03.0'	55°01.8'	60°30.4'	100°54.6'	112°49.0'
10	–	46°28.2'	54°26.9'	59°60.0'	100°19.8'	112°13.7'
11	–	45°53.3'	53°52.0'	59°29.7'	99°45.1'	111°38.5'
12	47.9'	45°18.6'	53°17.2'	58°59.5'	99°10.5'	111°03.2'
13	1°23.0'	44°43.8'	52°42.5'	58°29.4'	98°35.8'	110°28.1'
14	1°58.0'	44°09.1'	52°07.7'	57°59.4'	98°01.3'	109°52.9'
15	2°33.1'	43°34.5'	51°33.1'	57°29.5'	97°26.7'	109°17.9'
16	3°08.0'	42°59.9'	50°58.5'	56°59.7'	96°52.2'	108°42.8'
17	3°43.0'	42°25.4'	50°23.9'	56°30.0'	96°17.8'	108°07.8'
18	4°17.9'	41°50.9'	49°49.4'	56°00.4'	95°43.4'	107°32.9'
19	4°52.7'	41°16.4'	49°14.9'	55°30.9'	95°09.0'	106°57.9'
20	5°27.6'	40°42.0'	48°40.5'	55°01.5'	94°34.7'	106°23.1'
21	6°02.3'	40°07.6'	48°06.1'	54°32.2'	94°00.4'	105°48.3'
22	6°37.1'	39°33.3'	47°31.8'	54°03.0'	93°26.2'	105°13.5'
23	7°11.7'	38°59.1'	46°57.6'	53°33.9'	92°52.0'	104°38.7'

Wed Jul 26, 2017 UTC

UTC	+Regulus Lunar Dist.	–Jupiter Lunar Dist.	–Spica Lunar Dist.	–Antares Lunar Dist.	–Saturn Lunar Dist.	–Arcturus Lunar Dist.	–Rigel Kentaurus Lunar Dist.
0	7°46.4'	38°24.8'	46°23.4'	92°17.8'	104°04.0'	53°05.0'	84°53.1'
1	8°21.0'	37°50.7'	45°49.2'	91°43.7'	103°29.4'	52°36.2'	84°30.0'
2	8°55.5'	37°16.5'	45°15.1'	91°09.6'	102°54.8'	52°07.5'	84°07.0'
3	9°30.0'	36°42.5'	44°41.1'	90°35.6'	102°20.3'	51°38.9'	83°44.0'
4	10°04.5'	36°08.5'	44°07.1'	90°01.6'	101°45.7'	51°10.4'	83°21.0'
5	10°38.9'	35°34.5'	43°33.1'	89°27.7'	101°11.3'	50°42.1'	82°58.1'
6	11°13.3'	35°00.6'	42°59.3'	88°53.8'	100°36.9'	50°13.9'	82°35.3'
7	11°47.6'	34°26.7'	42°25.4'	88°20.0'	100°02.5'	49°45.8'	82°12.5'
8	12°21.9'	33°52.9'	41°51.7'	87°46.2'	99°28.2'	49°17.9'	81°49.8'
9	12°56.1'	33°19.1'	41°18.0'	87°12.5'	98°53.9'	48°50.1'	81°27.1'
10	13°30.3'	32°45.4'	40°44.3'	86°38.8'	98°19.7'	48°22.4'	81°04.5'
11	14°04.4'	32°11.7'	40°10.7'	86°05.1'	97°45.5'	47°54.9'	80°41.9'
12	14°38.5'	31°38.1'	39°37.2'	85°31.5'	97°11.3'	47°27.5'	80°19.5'
13	15°12.5'	31°04.5'	39°03.7'	84°57.9'	96°37.2'	47°00.2'	79°57.0'
14	15°46.5'	30°31.0'	38°30.3'	84°24.4'	96°03.2'	46°33.2'	79°34.7'
15	16°20.5'	29°57.5'	37°56.9'	83°51.0'	95°29.2'	46°06.2'	79°12.4'
16	16°54.4'	29°24.1'	37°23.6'	83°17.5'	94°55.2'	45°39.5'	78°50.1'
17	17°28.3'	28°50.7'	36°50.4'	82°44.2'	94°21.3'	45°12.9'	78°28.0'
18	18°02.1'	28°17.4'	36°17.2'	82°10.8'	93°47.4'	44°46.4'	78°05.9'
19	18°35.8'	27°44.2'	35°44.1'	81°37.6'	93°13.6'	44°20.1'	77°43.9'
20	19°09.6'	27°11.0'	35°11.0'	81°04.3'	92°39.8'	43°54.0'	77°21.9'
21	19°43.2'	26°37.8'	34°38.0'	80°31.1'	92°06.1'	43°28.1'	77°00.0'
22	20°16.9'	26°04.7'	34°05.1'	79°58.0'	91°32.4'	43°02.3'	76°38.2'
23	20°50.4'	25°31.7'	33°32.2'	79°24.9'	90°58.8'	42°36.8'	76°16.5'

Thu Jul 27, 2017 UTC

UTC	+Sun Lunar Dist.	+Regulus Lunar Dist.	-Jupiter Lunar Dist.	-Spica Lunar Dist.	-Antares Lunar Dist.	-Saturn Lunar Dist.	-Arcturus Lunar Dist.
0	47°15.8'	21°24.0'	24°58.7'	32°59.4'	78°51.8'	90°25.2'	42°11.4'
1	47°46.8'	21°57.5'	24°25.8'	32°26.7'	78°18.8'	89°51.7'	41°46.2'
2	48°17.9'	22°30.9'	23°52.9'	31°54.1'	77°45.9'	89°18.2'	41°21.2'
3	48°48.9'	23°04.3'	23°20.1'	31°21.5'	77°13.0'	88°44.7'	40°56.3'
4	49°19.8'	23°37.7'	22°47.4'	30°48.9'	76°40.1'	88°11.3'	40°31.7'
5	49°50.7'	24°11.0'	22°14.7'	30°16.5'	76°07.3'	87°38.0'	40°07.3'
6	50°21.5'	24°44.2'	21°42.0'	29°44.1'	75°34.5'	87°04.6'	39°43.1'
7	50°52.3'	25°17.5'	21°09.4'	29°11.8'	75°01.8'	86°31.4'	39°19.2'
8	51°23.1'	25°50.6'	20°36.9'	28°39.6'	74°29.2'	85°58.1'	38°55.4'
9	51°53.8'	26°23.8'	20°04.5'	28°07.4'	73°56.5'	85°25.0'	38°31.9'
10	52°24.5'	26°56.8'	19°32.1'	27°35.4'	73°24.0'	84°51.8'	38°08.6'
11	52°55.1'	27°29.9'	18°59.8'	27°03.4'	72°51.4'	84°18.7'	37°45.6'
12	53°25.7'	28°02.9'	18°27.5'	26°31.5'	72°18.9'	83°45.7'	37°22.7'
13	53°56.3'	28°35.8'	17°55.3'	25°59.7'	71°46.5'	83°12.7'	37°00.2'
14	54°26.8'	29°08.7'	17°23.2'	25°27.9'	71°14.1'	82°39.7'	36°37.9'
15	54°57.2'	29°41.6'	16°51.2'	24°56.3'	70°41.8'	82°06.8'	36°15.8'
16	55°27.6'	30°14.4'	16°19.2'	24°24.7'	70°09.5'	81°34.0'	35°54.0'
17	55°58.0'	30°47.2'	15°47.3'	23°53.3'	69°37.2'	81°01.1'	35°32.5'
18	56°28.3'	31°19.9'	15°15.5'	23°21.9'	69°05.0'	80°28.4'	35°11.3'
19	56°58.6'	31°52.6'	14°43.8'	22°50.7'	68°32.9'	79°55.6'	34°50.4'
20	57°28.8'	32°25.2'	14°12.2'	22°19.5'	68°00.8'	79°22.9'	34°29.7'
21	57°59.0'	32°57.8'	13°40.7'	21°48.5'	67°28.7'	78°50.3'	34°09.4'
22	58°29.2'	33°30.4'	13°09.2'	21°17.6'	66°56.7'	78°17.7'	33°49.3'
23	58°59.3'	34°02.9'	12°37.9'	20°46.8'	66°24.7'	77°45.1'	33°29.6'

Fri Jul 28, 2017 UTC

UTC	+Sun Lunar Dist.	-Jupiter Lunar Dist.	+Regulus Lunar Dist.	-Spica Lunar Dist.	-Antares Lunar Dist.	-Saturn Lunar Dist.	-Altair Lunar Dist.
0	59°29.3'	12°06.7'	34°35.4'	20°16.1'	65°52.8'	77°12.6'	111°52.2'
1	59°59.4'	11°35.6'	35°07.8'	19°45.6'	65°20.9'	76°40.1'	111°24.0'
2	60°29.3'	11°04.7'	35°40.2'	19°15.1'	64°49.1'	76°07.7'	110°55.8'
3	60°59.3'	10°33.9'	36°12.5'	18°44.9'	64°17.3'	75°35.3'	110°27.6'
4	61°29.2'	10°03.3'	36°44.8'	18°14.8'	63°45.6'	75°03.0'	109°59.3'
5	61°59.0'	9°32.9'	37°17.1'	17°44.8'	63°13.9'	74°30.7'	109°31.1'
6	62°28.8'	9°02.6'	37°49.3'	17°15.1'	62°42.3'	73°58.4'	109°03.0'
7	62°58.6'	8°32.7'	38°21.5'	16°45.5'	62°10.7'	73°26.2'	108°34.8'
8	63°28.4'	8°02.9'	38°53.6'	16°16.1'	61°39.1'	72°54.0'	108°06.6'
9	63°58.0'	7°33.6'	39°25.7'	15°46.9'	61°07.6'	72°21.9'	107°38.5'
10	64°27.7'	7°04.6'	39°57.8'	15°17.9'	60°36.1'	71°49.8'	107°10.3'
11	64°57.3'	6°36.0'	40°29.8'	14°49.2'	60°04.7'	71°17.7'	106°42.2'
12	65°26.9'	6°08.0'	41°01.8'	14°20.8'	59°33.4'	70°45.7'	106°14.1'
13	65°56.4'	–	41°33.7'	13°52.6'	59°02.0'	70°13.7'	105°46.0'
14	66°25.9'	–	42°05.6'	13°24.8'	58°30.7'	69°41.8'	105°17.9'
15	66°55.4'	–	42°37.4'	12°57.2'	57°59.5'	69°09.9'	104°49.9'
16	67°24.8'	–	43°09.3'	12°30.1'	57°28.3'	68°38.0'	104°21.8'
17	67°54.2'	–	43°41.0'	12°03.4'	56°57.2'	68°06.2'	103°53.8'
18	68°23.5'	–	44°12.8'	11°37.1'	56°26.1'	67°34.4'	103°25.8'
19	68°52.8'	–	44°44.5'	11°11.3'	55°55.0'	67°02.7'	102°57.8'
20	69°22.1'	–	45°16.1'	10°46.0'	55°24.0'	66°31.0'	102°29.8'
21	69°51.3'	–	45°47.8'	10°21.4'	54°53.1'	65°59.3'	102°01.8'
22	70°20.5'	–	46°19.4'	9°57.4'	54°22.2'	65°27.7'	101°33.9'
23	70°49.7'	–	46°50.9'	–	53°51.3'	64°56.1'	101°06.0'

Sat Jul 29, 2017 UTC

UTC	+Sun Lunar Dist.	+Regulus Lunar Dist.	-Antares Lunar Dist.	-Saturn Lunar Dist.	-Altair Lunar Dist.	-Rigil Kentaurus Lunar Dist.	-Vega Lunar Dist.
0	71°18.8'	47°22.4'	53°20.5'	64°24.6'	100°38.1'	60°28.7'	85°27.3'
1	71°47.9'	47°53.9'	52°49.7'	63°53.0'	100°10.2'	60°12.3'	85°10.9'
2	72°16.9'	48°25.4'	52°18.9'	63°21.6'	99°42.4'	59°56.0'	84°54.5'
3	72°45.9'	48°56.8'	51°48.2'	62°50.1'	99°14.5'	59°39.8'	84°38.1'
4	73°14.9'	49°28.1'	51°17.6'	62°18.7'	98°46.7'	59°23.8'	84°21.8'
5	73°43.8'	49°59.5'	50°47.0'	61°47.4'	98°18.9'	59°08.0'	84°05.5'
6	74°12.7'	50°30.8'	50°16.4'	61°16.0'	97°51.2'	58°52.3'	83°49.2'
7	74°41.6'	51°02.0'	49°45.9'	60°44.7'	97°23.4'	58°36.7'	83°33.0'
8	75°10.4'	51°33.3'	49°15.5'	60°13.5'	96°55.7'	58°21.3'	83°16.8'
9	75°39.2'	52°04.5'	48°45.0'	59°42.2'	96°28.0'	58°06.0'	83°00.7'
10	76°08.0'	52°35.6'	48°14.7'	59°11.0'	96°00.3'	57°50.9'	82°44.6'
11	76°36.7'	53°06.8'	47°44.3'	58°39.9'	95°32.7'	57°35.9'	82°28.6'
12	77°05.5'	53°37.9'	47°14.0'	58°08.8'	95°05.0'	57°21.1'	82°12.6'
13	77°34.1'	54°08.9'	46°43.8'	57°37.7'	94°37.4'	57°06.4'	81°56.6'
14	78°02.8'	54°40.0'	46°13.6'	57°06.6'	94°09.9'	56°51.9'	81°40.7'
15	78°31.4'	55°11.0'	45°43.5'	56°35.6'	93°42.3'	56°37.6'	81°24.8'
16	78°59.9'	55°41.9'	45°13.4'	56°04.6'	93°14.8'	56°23.4'	81°09.0'
17	79°28.5'	56°12.9'	44°43.3'	55°33.6'	92°47.3'	56°09.4'	80°53.3'
18	79°57.0'	56°43.8'	44°13.3'	55°02.7'	92°19.8'	55°55.5'	80°37.5'
19	80°25.5'	57°14.7'	43°43.3'	54°31.8'	91°52.3'	55°41.8'	80°21.9'
20	80°53.9'	57°45.5'	43°13.4'	54°01.0'	91°24.9'	55°28.3'	80°06.3'
21	81°22.4'	58°16.3'	42°43.5'	53°30.1'	90°57.5'	55°14.9'	79°50.7'
22	81°50.8'	58°47.1'	42°13.7'	52°59.3'	90°30.1'	55°01.7'	79°35.2'
23	82°19.1'	59°17.9'	41°43.9'	52°28.5'	90°02.7'	54°48.7'	79°19.7'

Sun Jul 30, 2017 UTC

UTC	+Sun Lunar Dist.	+Jupiter Lunar Dist.	-Antares Lunar Dist.	-Saturn Lunar Dist.	+Regulus Lunar Dist.	-Altair Lunar Dist.	-Vega Lunar Dist.
0	82°47.5'	13°32.3'	41°14.2'	51°57.8'	59°48.6'	89°35.4'	79°04.3'
1	83°15.8'	14°01.9'	40°44.5'	51°27.1'	60°19.3'	89°08.1'	78°48.9'
2	83°44.0'	14°31.6'	40°14.9'	50°56.4'	60°50.0'	88°40.8'	78°33.6'
3	84°12.3'	15°01.3'	39°45.3'	50°25.8'	61°20.6'	88°13.5'	78°18.4'
4	84°40.5'	15°31.0'	39°15.7'	49°55.1'	61°51.2'	87°46.3'	78°03.2'
5	85°08.7'	16°00.7'	38°46.3'	49°24.5'	62°21.8'	87°19.1'	77°48.1'
6	85°36.9'	16°30.4'	38°16.8'	48°54.0'	62°52.4'	86°51.9'	77°33.0'
7	86°05.0'	17°00.1'	37°47.4'	48°23.4'	63°22.9'	86°24.8'	77°18.0'
8	86°33.1'	17°29.8'	37°18.1'	47°52.9'	63°53.4'	85°57.7'	77°03.0'
9	87°01.2'	17°59.5'	36°48.8'	47°22.4'	64°23.9'	85°30.6'	76°48.1'
10	87°29.3'	18°29.3'	36°19.6'	46°52.0'	64°54.4'	85°03.5'	76°33.3'
11	87°57.3'	18°59.0'	35°50.4'	46°21.5'	65°24.8'	84°36.5'	76°18.5'
12	88°25.4'	19°28.7'	35°21.3'	45°51.1'	65°55.2'	84°09.4'	76°03.8'
13	88°53.3'	19°58.4'	34°52.2'	45°20.8'	66°25.6'	83°42.5'	75°49.1'
14	89°21.3'	20°28.1'	34°23.2'	44°50.4'	66°56.0'	83°15.5'	75°34.5'
15	89°49.3'	20°57.8'	33°54.2'	44°20.1'	67°26.3'	82°48.6'	75°20.0'
16	90°17.2'	21°27.4'	33°25.3'	43°49.8'	67°56.6'	82°21.7'	75°05.6'
17	90°45.1'	21°57.1'	32°56.5'	43°19.5'	68°26.9'	81°54.8'	74°51.2'
18	91°13.0'	22°26.8'	32°27.7'	42°49.3'	68°57.2'	81°27.9'	74°36.9'
19	91°40.8'	22°56.4'	31°59.0'	42°19.0'	69°27.4'	81°01.1'	74°22.6'
20	92°08.6'	23°26.0'	31°30.4'	41°48.8'	69°57.6'	80°34.3'	74°08.4'
21	92°36.5'	23°55.7'	31°01.8'	41°18.7'	70°27.9'	80°07.6'	73°54.3'
22	93°04.2'	24°25.3'	30°33.3'	40°48.5'	70°58.0'	79°40.8'	73°40.2'
23	93°32.0'	24°54.9'	30°04.8'	40°18.4'	71°28.2'	79°14.1'	73°26.3'

Mon Jul 31, 2017 UTC

UTC	+Sun Lunar Dist.	+Jupiter Lunar Dist.	+Spica Lunar Dist.	-Saturn Lunar Dist.	-Antares Lunar Dist.	+Regulus Lunar Dist.	-Altair Lunar Dist.
0	93°59.8'	25°24.5'	19°17.9'	39°48.3'	29°36.4'	71°58.3'	78°47.5'
1	94°27.5'	25°54.0'	19°46.2'	39°18.2'	29°08.1'	72°28.5'	78°20.8'
2	94°55.2'	26°23.6'	20°14.5'	38°48.1'	28°39.9'	72°58.6'	77°54.2'
3	95°22.9'	26°53.1'	20°43.0'	38°18.1'	28°11.7'	73°28.6'	77°27.6'
4	95°50.6'	27°22.7'	21°11.4'	37°48.1'	27°43.6'	73°58.7'	77°01.1'
5	96°18.2'	27°52.2'	21°39.9'	37°18.1'	27°15.6'	74°28.7'	76°34.5'
6	96°45.9'	28°21.7'	22°08.5'	36°48.1'	26°47.7'	74°58.8'	76°08.0'
7	97°13.5'	28°51.2'	22°37.1'	36°18.2'	26°19.9'	75°28.8'	75°41.6'
8	97°41.1'	29°20.7'	23°05.8'	35°48.2'	25°52.2'	75°58.8'	75°15.1'
9	98°08.7'	29°50.2'	23°34.5'	35°18.3'	25°24.5'	76°28.7'	74°48.7'
10	98°36.2'	30°19.7'	24°03.2'	34°48.4'	24°57.0'	76°58.7'	74°22.3'
11	99°03.8'	30°49.1'	24°31.9'	34°18.6'	24°29.5'	77°28.6'	73°56.0'
12	99°31.3'	31°18.5'	25°00.7'	33°48.7'	24°02.2'	77°58.6'	73°29.7'
13	99°58.8'	31°48.0'	25°29.5'	33°18.9'	23°35.0'	78°28.5'	73°03.4'
14	100°26.3'	32°17.4'	25°58.3'	32°49.1'	23°07.9'	78°58.4'	72°37.1'
15	100°53.8'	32°46.8'	26°27.2'	32°19.3'	22°40.9'	79°28.2'	72°10.9'
16	101°21.3'	33°16.2'	26°56.0'	31°49.5'	22°14.1'	79°58.1'	71°44.7'
17	101°48.7'	33°45.6'	27°24.9'	31°19.8'	21°47.4'	80°28.0'	71°18.6'
18	102°16.2'	34°14.9'	27°53.8'	30°50.0'	21°20.8'	80°57.8'	70°52.4'
19	102°43.6'	34°44.3'	28°22.8'	30°20.3'	20°54.4'	81°27.6'	70°26.4'
20	103°11.0'	35°13.7'	28°51.7'	29°50.6'	20°28.2'	81°57.4'	70°00.3'
21	103°38.4'	35°43.0'	29°20.7'	29°21.0'	20°02.1'	82°27.2'	69°34.3'
22	104°05.8'	36°12.3'	29°49.6'	28°51.3'	19°36.2'	82°57.0'	69°08.3'
23	104°33.2'	36°41.7'	30°18.6'	28°21.7'	19°10.5'	83°26.8'	68°42.3'