

Sun Sep 1, 2019 UTC

UTC	–Spica Lunar Dist.	–Antares Lunar Dist.	–Jupiter Lunar Dist.	–Saturn Lunar Dist.	–Arcturus Lunar Dist.	–Altair Lunar Dist.
0	24°32.9'	70°03.0'	74°37.3'	103°32.0'	34°15.9'	114°20.3'
1	23°56.9'	69°25.6'	73°59.7'	102°54.2'	33°52.0'	113°48.9'
2	23°21.0'	68°48.2'	73°22.1'	102°16.4'	33°28.4'	113°17.5'
3	22°45.2'	68°10.9'	72°44.6'	101°38.6'	33°05.3'	112°46.1'
4	22°09.6'	67°33.6'	72°07.1'	101°00.8'	32°42.5'	112°14.6'
5	21°34.0'	66°56.3'	71°29.6'	100°23.1'	32°20.2'	111°43.1'
6	20°58.7'	66°19.0'	70°52.2'	99°45.4'	31°58.4'	111°11.6'
7	20°23.4'	65°41.8'	70°14.8'	99°07.7'	31°37.0'	110°40.0'
8	19°48.4'	65°04.6'	69°37.4'	98°30.1'	31°16.0'	110°08.5'
9	19°13.5'	64°27.5'	69°00.0'	97°52.4'	30°55.6'	109°36.9'
10	18°38.8'	63°50.3'	68°22.7'	97°14.8'	30°35.7'	109°05.3'
11	18°04.3'	63°13.3'	67°45.4'	96°37.3'	30°16.3'	108°33.7'
12	17°30.1'	62°36.2'	67°08.1'	95°59.8'	29°57.4'	108°02.0'
13	16°56.1'	61°59.2'	66°30.9'	95°22.3'	29°39.0'	107°30.4'
14	16°22.4'	61°22.2'	65°53.7'	94°44.8'	29°21.3'	106°58.7'
15	15°48.9'	60°45.3'	65°16.5'	94°07.4'	29°04.1'	106°27.1'
16	15°15.8'	60°08.4'	64°39.3'	93°30.0'	28°47.5'	105°55.4'
17	14°43.1'	59°31.5'	64°02.2'	92°52.6'	28°31.5'	105°23.7'
18	14°10.7'	58°54.7'	63°25.2'	92°15.3'	28°16.1'	104°52.0'
19	13°38.8'	58°17.9'	62°48.1'	91°38.0'	28°01.4'	104°20.4'
20	13°07.4'	57°41.2'	62°11.1'	91°00.7'	27°47.3'	103°48.7'
21	12°36.5'	57°04.4'	61°34.2'	90°23.5'	27°34.0'	103°17.0'
22	12°06.2'	56°27.8'	60°57.2'	89°46.3'	27°21.3'	102°45.4'
23	11°36.6'	55°51.2'	60°20.4'	89°09.1'	27°09.3'	102°13.7'

Mon Sep 2, 2019 UTC

UTC	–Antares Lunar Dist.	–Jupiter Lunar Dist.	–Saturn Lunar Dist.	–Altair Lunar Dist.	–Rigil Kentaurus Lunar Dist.	–Hadar Lunar Dist.
0	55°14.6'	59°43.5'	88°32.0'	101°42.0'	62°14.1'	60°09.7'
1	54°38.1'	59°06.7'	87°54.9'	101°10.4'	61°52.7'	59°50.8'
2	54°01.6'	58°29.9'	87°17.9'	100°38.8'	61°31.6'	59°32.0'
3	53°25.1'	57°53.2'	86°40.9'	100°07.2'	61°10.5'	59°13.5'
4	52°48.7'	57°16.5'	86°03.9'	99°35.6'	60°49.7'	58°55.1'
5	52°12.4'	56°39.8'	85°27.0'	99°04.0'	60°29.0'	58°36.9'
6	51°36.1'	56°03.2'	84°50.1'	98°32.4'	60°08.5'	58°19.0'
7	50°59.8'	55°26.6'	84°13.3'	98°00.9'	59°48.2'	58°01.2'
8	50°23.6'	54°50.1'	83°36.4'	97°29.3'	59°28.1'	57°43.7'
9	49°47.5'	54°13.6'	82°59.7'	96°57.8'	59°08.1'	57°26.3'
10	49°11.3'	53°37.1'	82°23.0'	96°26.3'	58°48.4'	57°09.2'
11	48°35.3'	53°00.7'	81°46.3'	95°54.9'	58°28.8'	56°52.3'
12	47°59.3'	52°24.4'	81°09.6'	95°23.4'	58°09.4'	56°35.6'
13	47°23.3'	51°48.0'	80°33.0'	94°52.0'	57°50.2'	56°19.2'
14	46°47.4'	51°11.8'	79°56.5'	94°20.6'	57°31.2'	56°02.9'
15	46°11.6'	50°35.5'	79°20.0'	93°49.3'	57°12.5'	55°46.9'
16	45°35.8'	49°59.3'	78°43.5'	93°18.0'	56°53.9'	55°31.2'
17	45°00.1'	49°23.2'	78°07.1'	92°46.7'	56°35.5'	55°15.6'
18	44°24.4'	48°47.1'	77°30.7'	92°15.4'	56°17.4'	55°00.3'
19	43°48.8'	48°11.0'	76°54.3'	91°44.2'	55°59.4'	54°45.2'
20	43°13.2'	47°35.0'	76°18.1'	91°13.0'	55°41.7'	54°30.4'
21	42°37.7'	46°59.0'	75°41.8'	90°41.9'	55°24.2'	54°15.8'
22	42°02.2'	46°23.1'	75°05.6'	90°10.7'	55°06.9'	54°01.5'
23	41°26.9'	45°47.2'	74°29.4'	89°39.7'	54°49.8'	53°47.4'

Tue Sep 3, 2019 UTC

UTC	+Sun Lunar Dist.	-Jupiter Lunar Dist.	-Antares Lunar Dist.	-Saturn Lunar Dist.	-Altair Lunar Dist.	-Rigel Kentaurus Lunar Dist.
0	50°12.5'	45°11.4'	40°51.5'	73°53.3'	89°08.6'	54°33.0'
1	50°46.0'	44°35.6'	40°16.3'	73°17.2'	88°37.6'	54°16.4'
2	51°19.4'	43°59.9'	39°41.1'	72°41.2'	88°06.7'	54°00.0'
3	51°52.8'	43°24.2'	39°05.9'	72°05.2'	87°35.8'	53°43.9'
4	52°26.1'	42°48.5'	38°30.8'	71°29.3'	87°04.9'	53°28.0'
5	52°59.3'	42°12.9'	37°55.8'	70°53.4'	86°34.1'	53°12.4'
6	53°32.6'	41°37.4'	37°20.9'	70°17.6'	86°03.3'	52°57.0'
7	54°05.8'	41°01.9'	36°46.0'	69°41.8'	85°32.5'	52°41.9'
8	54°38.9'	40°26.4'	36°11.2'	69°06.0'	85°01.9'	52°27.0'
9	55°12.0'	39°51.0'	35°36.5'	68°30.3'	84°31.2'	52°12.3'
10	55°45.0'	39°15.7'	35°01.8'	67°54.7'	84°00.6'	51°57.9'
11	56°18.0'	38°40.4'	34°27.2'	67°19.1'	83°30.1'	51°43.8'
12	56°51.0'	38°05.1'	33°52.7'	66°43.5'	82°59.6'	51°30.0'
13	57°23.9'	37°29.9'	33°18.3'	66°08.0'	82°29.2'	51°16.4'
14	57°56.8'	36°54.7'	32°43.9'	65°32.5'	81°58.8'	51°03.0'
15	58°29.6'	36°19.6'	32°09.6'	64°57.1'	81°28.5'	50°50.0'
16	59°02.4'	35°44.6'	31°35.4'	64°21.7'	80°58.2'	50°37.2'
17	59°35.1'	35°09.6'	31°01.3'	63°46.4'	80°28.0'	50°24.7'
18	60°07.8'	34°34.6'	30°27.3'	63°11.1'	79°57.8'	50°12.5'
19	60°40.4'	33°59.7'	29°53.4'	62°35.9'	79°27.7'	50°00.5'
20	61°13.0'	33°24.8'	29°19.5'	62°00.7'	78°57.7'	49°48.9'
21	61°45.5'	32°50.0'	28°45.7'	61°25.6'	78°27.7'	49°37.5'
22	62°18.0'	32°15.3'	28°12.1'	60°50.5'	77°57.8'	49°26.4'
23	62°50.5'	31°40.6'	27°38.5'	60°15.5'	77°27.9'	49°15.6'

Wed Sep 4, 2019 UTC

UTC	+Sun Lunar Dist.	-Jupiter Lunar Dist.	+Spica Lunar Dist.	-Antares Lunar Dist.	-Saturn Lunar Dist.	-Formalhaut Lunar Dist.	-Altair Lunar Dist.
0	63°22.9'	31°05.9'	21°23.3'	27°05.0'	59°40.5'	109°56.3'	76°58.1'
1	63°55.2'	30°31.3'	21°56.2'	26°31.7'	59°05.6'	109°23.2'	76°28.4'
2	64°27.6'	29°56.7'	22°29.1'	25°58.4'	58°30.7'	108°50.1'	75°58.7'
3	64°59.8'	29°22.2'	23°02.0'	25°25.2'	57°55.8'	108°17.0'	75°29.1'
4	65°32.0'	28°47.8'	23°35.0'	24°52.2'	57°21.0'	107°44.0'	74°59.6'
5	66°04.2'	28°13.4'	24°08.1'	24°19.3'	56°46.3'	107°11.1'	74°30.1'
6	66°36.3'	27°39.0'	24°41.1'	23°46.5'	56°11.6'	106°38.1'	74°00.7'
7	67°08.4'	27°04.7'	25°14.2'	23°13.8'	55°36.9'	106°05.3'	73°31.3'
8	67°40.4'	26°30.5'	25°47.3'	22°41.3'	55°02.3'	105°32.4'	73°02.1'
9	68°12.4'	25°56.3'	26°20.4'	22°08.9'	54°27.7'	104°59.6'	72°32.9'
10	68°44.3'	25°22.2'	26°53.5'	21°36.7'	53°53.2'	104°26.8'	72°03.8'
11	69°16.2'	24°48.1'	27°26.6'	21°04.6'	53°18.8'	103°54.0'	71°34.7'
12	69°48.1'	24°14.1'	27°59.8'	20°32.7'	52°44.3'	103°21.3'	71°05.7'
13	70°19.9'	23°40.1'	28°32.9'	20°00.9'	52°10.0'	102°48.6'	70°36.8'
14	70°51.6'	23°06.2'	29°06.0'	19°29.4'	51°35.6'	102°16.0'	70°08.0'
15	71°23.3'	22°32.3'	29°39.1'	18°58.0'	51°01.4'	101°43.4'	69°39.2'
16	71°55.0'	21°58.5'	30°12.2'	18°26.8'	50°27.1'	101°10.8'	69°10.5'
17	72°26.6'	21°24.7'	30°45.3'	17°55.9'	49°53.0'	100°38.3'	68°41.9'
18	72°58.2'	20°51.0'	31°18.4'	17°25.2'	49°18.8'	100°05.8'	68°13.4'
19	73°29.7'	20°17.4'	31°51.5'	16°54.7'	48°44.7'	99°33.4'	67°45.0'
20	74°01.1'	19°43.8'	32°24.5'	16°24.5'	48°10.7'	99°00.9'	67°16.6'
21	74°32.6'	19°10.3'	32°57.6'	15°54.6'	47°36.7'	98°28.6'	66°48.3'
22	75°04.0'	18°36.8'	33°30.6'	15°25.0'	47°02.7'	97°56.2'	66°20.1'
23	75°35.3'	18°03.4'	34°03.6'	14°55.7'	46°28.8'	97°24.0'	65°52.0'

Thu Sep 5, 2019 UTC

UTC	+Sun Lunar Dist.	-Jupiter Lunar Dist.	+Spica Lunar Dist.	-Saturn Lunar Dist.	-Antares Lunar Dist.	-Formalhaut Lunar Dist.	+Arcturus Lunar Dist.
0	76°06.6'	17°30.1'	34°36.6'	45°55.0'	14°26.8'	96°51.7'	41°40.2'
1	76°37.8'	16°56.8'	35°09.5'	45°21.2'	13°58.3'	96°19.5'	42°05.9'
2	77°09.0'	16°23.6'	35°42.5'	44°47.4'	13°30.2'	95°47.3'	42°31.7'
3	77°40.2'	15°50.5'	36°15.4'	44°13.7'	13°02.6'	95°15.2'	42°57.6'
4	78°11.3'	15°17.4'	36°48.3'	43°40.0'	12°35.6'	94°43.1'	43°23.6'
5	78°42.3'	14°44.4'	37°21.1'	43°06.4'	12°09.1'	94°11.0'	43°49.7'
6	79°13.4'	14°11.5'	37°54.0'	42°32.8'	11°43.2'	93°39.0'	44°16.0'
7	79°44.3'	13°38.6'	38°26.8'	41°59.2'	11°18.0'	93°07.1'	44°42.3'
8	80°15.3'	13°05.8'	38°59.5'	41°25.8'	–	92°35.1'	45°08.7'
9	80°46.2'	12°33.1'	39°32.3'	40°52.3'	–	92°03.2'	45°35.2'
10	81°17.0'	12°00.6'	40°05.0'	40°18.9'	–	91°31.4'	46°01.8'
11	81°47.8'	11°28.1'	40°37.7'	39°45.5'	–	90°59.6'	46°28.4'
12	82°18.5'	10°55.7'	41°10.4'	39°12.2'	–	90°27.8'	46°55.2'
13	82°49.3'	10°23.4'	41°43.0'	38°38.9'	–	89°56.1'	47°22.0'
14	83°19.9'	9°51.2'	42°15.6'	38°05.7'	–	89°24.4'	47°48.8'
15	83°50.6'	9°19.2'	42°48.2'	37°32.5'	–	88°52.8'	48°15.8'
16	84°21.1'	8°47.4'	43°20.8'	36°59.4'	–	88°21.2'	48°42.8'
17	84°51.7'	8°15.7'	43°53.3'	36°26.3'	–	87°49.6'	49°09.8'
18	85°22.2'	7°44.2'	44°25.8'	35°53.2'	–	87°18.1'	49°36.9'
19	85°52.6'	7°13.0'	44°58.2'	35°20.2'	–	86°46.6'	50°04.1'
20	86°23.0'	6°42.0'	45°30.6'	34°47.2'	–	86°15.2'	50°31.3'
21	86°53.4'	6°11.4'	46°03.0'	34°14.3'	–	85°43.8'	50°58.5'
22	87°23.7'	5°41.3'	46°35.4'	33°41.4'	–	85°12.5'	51°25.9'
23	87°54.0'	5°11.6'	47°07.7'	33°08.5'	–	84°41.2'	51°53.2'

Fri Sep 6, 2019 UTC

UTC	+Sun Lunar Dist.	-Saturn Lunar Dist.	+Spica Lunar Dist.	-Formalhaut Lunar Dist.	+Arcturus Lunar Dist.	-Altair Lunar Dist.	-Achernar Lunar Dist.
0	88°24.3'	32°35.7'	47°40.0'	84°09.9'	52°20.6'	54°39.5'	94°33.7'
1	88°54.5'	32°03.0'	48°12.3'	83°38.7'	52°48.0'	54°14.0'	94°15.0'
2	89°24.7'	31°30.2'	48°44.5'	83°07.5'	53°15.5'	53°48.6'	93°56.3'
3	89°54.8'	30°57.5'	49°16.7'	82°36.3'	53°43.0'	53°23.3'	93°37.6'
4	90°24.9'	30°24.9'	49°48.8'	82°05.2'	54°10.5'	52°58.1'	93°18.9'
5	90°54.9'	29°52.3'	50°21.0'	81°34.2'	54°38.0'	52°33.1'	93°00.2'
6	91°24.9'	29°19.7'	50°53.1'	81°03.2'	55°05.6'	52°08.2'	92°41.6'
7	91°54.9'	28°47.2'	51°25.1'	80°32.2'	55°33.2'	51°43.4'	92°22.9'
8	92°24.8'	28°14.7'	51°57.2'	80°01.3'	56°00.9'	51°18.8'	92°04.3'
9	92°54.7'	27°42.2'	52°29.2'	79°30.4'	56°28.5'	50°54.3'	91°45.7'
10	93°24.6'	27°09.8'	53°01.2'	78°59.5'	56°56.2'	50°29.9'	91°27.0'
11	93°54.4'	26°37.5'	53°33.1'	78°28.7'	57°23.9'	50°05.7'	91°08.5'
12	94°24.1'	26°05.1'	54°05.0'	77°58.0'	57°51.6'	49°41.6'	90°49.9'
13	94°53.9'	25°32.8'	54°36.9'	77°27.2'	58°19.3'	49°17.6'	90°31.3'
14	95°23.6'	25°00.6'	55°08.7'	76°56.6'	58°47.1'	48°53.8'	90°12.8'
15	95°53.2'	24°28.3'	55°40.5'	76°25.9'	59°14.9'	48°30.1'	89°54.3'
16	96°22.9'	23°56.2'	56°12.3'	75°55.3'	59°42.6'	48°06.6'	89°35.8'
17	96°52.5'	23°24.0'	56°44.0'	75°24.8'	60°10.4'	47°43.3'	89°17.3'
18	97°22.0'	22°51.9'	57°15.8'	74°54.3'	60°38.2'	47°20.0'	88°58.9'
19	97°51.5'	22°19.8'	57°47.4'	74°23.8'	61°06.0'	46°57.0'	88°40.5'
20	98°21.0'	21°47.8'	58°19.1'	73°53.4'	61°33.9'	46°34.1'	88°22.1'
21	98°50.4'	21°15.8'	58°50.7'	73°23.0'	62°01.7'	46°11.4'	88°03.7'
22	99°19.8'	20°43.8'	59°22.3'	72°52.6'	62°29.5'	45°48.8'	87°45.4'
23	99°49.2'	20°11.9'	59°53.9'	72°22.3'	62°57.4'	45°26.4'	87°27.1'

Sat Sep 7, 2019 UTC

UTC	+Sun Lunar Dist.	-Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	+Spica Lunar Dist.	-Formalhaut Lunar Dist.	+Arcturus Lunar Dist.
0	100°18.6'	19°40.0'	8°59.2'	15°45.2'	60°25.4'	71°52.1'	63°25.2'
1	100°47.9'	19°08.1'	9°29.9'	16°13.1'	60°56.9'	71°21.8'	63°53.1'
2	101°17.1'	18°36.3'	10°00.6'	16°41.3'	61°28.4'	70°51.7'	64°21.0'
3	101°46.4'	18°04.5'	10°31.4'	17°09.6'	61°59.8'	70°21.5'	64°48.8'
4	102°15.6'	17°32.7'	11°02.2'	17°38.1'	62°31.2'	69°51.4'	65°16.7'
5	102°44.7'	17°01.0'	11°33.0'	18°06.7'	63°02.6'	69°21.4'	65°44.5'
6	103°13.9'	16°29.3'	12°03.9'	18°35.5'	63°33.9'	68°51.4'	66°12.4'
7	103°43.0'	15°57.6'	12°34.8'	19°04.4'	64°05.3'	68°21.4'	66°40.3'
8	104°12.0'	15°26.0'	13°05.7'	19°33.4'	64°36.5'	67°51.5'	67°08.1'
9	104°41.1'	14°54.4'	13°36.5'	20°02.4'	65°07.8'	67°21.6'	67°36.0'
10	105°10.1'	14°22.8'	14°07.4'	20°31.6'	65°39.0'	66°51.8'	68°03.9'
11	105°39.0'	13°51.3'	14°38.3'	21°00.9'	66°10.2'	66°22.0'	68°31.7'
12	106°08.0'	13°19.8'	15°09.2'	21°30.2'	66°41.4'	65°52.2'	68°59.6'
13	106°36.9'	12°48.3'	15°40.1'	21°59.6'	67°12.6'	65°22.5'	69°27.4'
14	107°05.8'	12°16.8'	16°11.0'	22°29.0'	67°43.7'	64°52.8'	69°55.3'
15	107°34.6'	11°45.4'	16°41.9'	22°58.5'	68°14.8'	64°23.2'	70°23.1'
16	108°03.4'	11°14.0'	17°12.7'	23°28.1'	68°45.8'	63°53.6'	70°51.0'
17	108°32.2'	10°42.7'	17°43.6'	23°57.7'	69°16.9'	63°24.1'	71°18.8'
18	109°01.0'	10°11.4'	18°14.4'	24°27.3'	69°47.9'	62°54.6'	71°46.6'
19	109°29.7'	9°40.1'	18°45.2'	24°57.0'	70°18.9'	62°25.1'	72°14.5'
20	109°58.4'	9°08.8'	19°16.0'	25°26.6'	70°49.8'	61°55.7'	72°42.3'
21	110°27.1'	8°37.6'	19°46.8'	25°56.4'	71°20.7'	61°26.4'	73°10.1'
22	110°55.7'	8°06.4'	20°17.5'	26°26.1'	71°51.7'	60°57.0'	73°37.9'
23	111°24.3'	7°35.2'	20°48.3'	26°55.9'	72°22.5'	60°27.8'	74°05.7'

Sun Sep 8, 2019 UTC

UTC	+Sun Lunar Dist.	-Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	+Spica Lunar Dist.	-Formalhaut Lunar Dist.	+Arcturus Lunar Dist.
0	111°52.9'	7°04.0'	21°19.0'	27°25.7'	72°53.4'	59°58.5'	74°33.5'
1	112°21.5'	6°32.9'	21°49.7'	27°55.5'	73°24.2'	59°29.4'	75°01.2'
2	112°50.0'	6°01.8'	22°20.4'	28°25.3'	73°55.0'	59°00.2'	75°29.0'
3	113°18.5'	5°30.7'	22°51.1'	28°55.2'	74°25.8'	58°31.1'	75°56.8'
4	113°47.0'	4°59.7'	23°21.7'	29°25.1'	74°56.5'	58°02.1'	76°24.5'
5	114°15.4'	4°28.7'	23°52.3'	29°54.9'	75°27.3'	57°33.1'	76°52.3'
6	114°43.8'	3°57.7'	24°22.9'	30°24.8'	75°58.0'	57°04.1'	77°20.0'
7	115°12.2'	3°26.7'	24°53.5'	30°54.7'	76°28.6'	56°35.2'	77°47.7'
8	115°40.6'	2°55.8'	25°24.1'	31°24.6'	76°59.3'	56°06.3'	78°15.4'
9	116°08.9'	2°24.8'	25°54.6'	31°54.5'	77°29.9'	55°37.5'	78°43.1'
10	116°37.2'	1°54.0'	26°25.2'	32°24.4'	78°00.5'	55°08.7'	79°10.8'
11	117°05.5'	1°23.1'	26°55.7'	32°54.3'	78°31.1'	54°40.0'	79°38.5'
12	117°33.8'	52.3'	27°26.1'	33°24.2'	79°01.7'	54°11.3'	80°06.1'
13	118°02.0'	–	27°56.6'	33°54.1'	79°32.2'	53°42.7'	80°33.8'
14	118°30.2'	–	28°27.1'	34°24.0'	80°02.7'	53°14.2'	81°01.4'
15	118°58.4'	40.3'	28°57.5'	34°53.9'	80°33.2'	52°45.6'	81°29.0'
16	119°26.6'	1°11.0'	29°27.9'	35°23.8'	81°03.7'	52°17.2'	81°56.6'
17	119°54.7'	1°41.7'	29°58.3'	35°53.7'	81°34.1'	51°48.7'	82°24.2'
18	120°22.9'	2°12.4'	30°28.6'	36°23.6'	82°04.6'	51°20.4'	82°51.8'
19	120°51.0'	2°43.1'	30°59.0'	36°53.5'	82°35.0'	50°52.0'	83°19.4'
20	121°19.0'	3°13.7'	31°29.3'	37°23.4'	83°05.3'	50°23.8'	83°46.9'
21	121°47.1'	3°44.4'	31°59.6'	37°53.2'	83°35.7'	49°55.6'	84°14.5'
22	122°15.1'	4°15.0'	32°29.9'	38°23.1'	84°06.0'	49°27.4'	84°42.0'
23	122°43.1'	4°45.6'	33°00.2'	38°53.0'	84°36.4'	48°59.3'	85°09.5'

Mon Sep 9, 2019 UTC

UTC	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	-Formalhaut Lunar Dist.	+Spica Lunar Dist.	+Arcturus Lunar Dist.	+Rigel Kentaurus Lunar Dist.
0	5°16.1'	33°30.4'	39°22.9'	48°31.2'	85°06.7'	85°37.0'	61°13.5'
1	5°46.7'	34°00.7'	39°52.7'	48°03.3'	85°37.0'	86°04.5'	61°30.9'
2	6°17.2'	34°30.9'	40°22.6'	47°35.3'	86°07.2'	86°32.0'	61°48.3'
3	6°47.8'	35°01.1'	40°52.4'	47°07.4'	86°37.5'	86°59.4'	62°05.9'
4	7°18.2'	35°31.2'	41°22.3'	46°39.6'	87°07.7'	87°26.9'	62°23.5'
5	7°48.7'	36°01.4'	41°52.1'	46°11.9'	87°37.9'	87°54.3'	62°41.2'
6	8°19.2'	36°31.5'	42°21.9'	45°44.2'	88°08.1'	88°21.7'	62°59.0'
7	8°49.6'	37°01.7'	42°51.8'	45°16.6'	88°38.2'	88°49.1'	63°16.9'
8	9°20.0'	37°31.8'	43°21.6'	44°49.0'	89°08.4'	89°16.5'	63°34.9'
9	9°50.4'	38°01.9'	43°51.4'	44°21.5'	89°38.5'	89°43.9'	63°52.9'
10	10°20.8'	38°31.9'	44°21.2'	43°54.0'	90°08.6'	90°11.2'	64°11.0'
11	10°51.2'	39°02.0'	44°51.0'	43°26.7'	90°38.7'	90°38.5'	64°29.2'
12	11°21.5'	39°32.0'	45°20.8'	42°59.4'	91°08.8'	91°05.9'	64°47.4'
13	11°51.8'	40°02.1'	45°50.5'	42°32.1'	91°38.9'	91°33.1'	65°05.7'
14	12°22.2'	40°32.1'	46°20.3'	42°05.0'	92°08.9'	92°00.4'	65°24.1'
15	12°52.5'	41°02.1'	46°50.1'	41°37.9'	92°38.9'	92°27.7'	65°42.6'
16	13°22.7'	41°32.0'	47°19.8'	41°10.9'	93°09.0'	92°54.9'	66°01.1'
17	13°53.0'	42°02.0'	47°49.6'	40°44.0'	93°38.9'	93°22.2'	66°19.7'
18	14°23.2'	42°31.9'	48°19.3'	40°17.1'	94°08.9'	93°49.4'	66°38.3'
19	14°53.5'	43°01.9'	48°49.0'	39°50.3'	94°38.9'	94°16.6'	66°57.0'
20	15°23.7'	43°31.8'	49°18.8'	39°23.6'	95°08.8'	94°43.7'	67°15.8'
21	15°53.9'	44°01.7'	49°48.5'	38°57.0'	95°38.8'	95°10.9'	67°34.6'
22	16°24.1'	44°31.6'	50°18.2'	38°30.5'	96°08.7'	95°38.0'	67°53.5'
23	16°54.2'	45°01.4'	50°47.9'	38°04.1'	96°38.6'	96°05.2'	68°12.5'

Tue Sep 10, 2019 UTC

UTC	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	-Formalhaut Lunar Dist.	+Spica Lunar Dist.	+Arcturus Lunar Dist.	+Rigel Kentaurus Lunar Dist.
0	17°24.4'	45°31.3'	51°17.6'	37°37.7'	97°08.5'	96°32.3'	68°31.4'
1	17°54.5'	46°01.1'	51°47.2'	37°11.5'	97°38.3'	96°59.3'	68°50.5'
2	18°24.6'	46°31.0'	52°16.9'	36°45.3'	98°08.2'	97°26.4'	69°09.6'
3	18°54.7'	47°00.8'	52°46.6'	36°19.3'	98°38.0'	97°53.5'	69°28.7'
4	19°24.8'	47°30.6'	53°16.2'	35°53.3'	99°07.9'	98°20.5'	69°47.9'
5	19°54.9'	48°00.4'	53°45.9'	35°27.5'	99°37.7'	98°47.5'	70°07.2'
6	20°25.0'	48°30.1'	54°15.5'	35°01.8'	100°07.5'	99°14.5'	70°26.5'
7	20°55.0'	48°59.9'	54°45.1'	34°36.1'	100°37.3'	99°41.4'	70°45.8'
8	21°25.1'	49°29.7'	55°14.8'	34°10.6'	101°07.0'	100°08.4'	71°05.2'
9	21°55.1'	49°59.4'	55°44.4'	33°45.2'	101°36.8'	100°35.3'	71°24.7'
10	22°25.1'	50°29.1'	56°14.0'	33°20.0'	102°06.5'	101°02.2'	71°44.1'
11	22°55.1'	50°58.8'	56°43.6'	32°54.8'	102°36.3'	101°29.1'	72°03.7'
12	23°25.1'	51°28.5'	57°13.2'	32°29.8'	103°06.0'	101°56.0'	72°23.2'
13	23°55.1'	51°58.2'	57°42.8'	32°05.0'	103°35.7'	102°22.8'	72°42.8'
14	24°25.1'	52°27.9'	58°12.3'	31°40.2'	104°05.4'	102°49.6'	73°02.4'
15	24°55.0'	52°57.6'	58°41.9'	31°15.7'	104°35.1'	103°16.4'	73°22.1'
16	25°25.0'	53°27.3'	59°11.5'	30°51.2'	105°04.8'	103°43.2'	73°41.8'
17	25°54.9'	53°56.9'	59°41.0'	30°26.9'	105°34.4'	104°09.9'	74°01.6'
18	26°24.8'	54°26.5'	60°10.6'	30°02.8'	106°04.1'	104°36.7'	74°21.4'
19	26°54.8'	54°56.2'	60°40.1'	29°38.9'	106°33.7'	105°03.4'	74°41.2'
20	27°24.7'	55°25.8'	61°09.7'	29°15.1'	107°03.3'	105°30.1'	75°01.0'
21	27°54.6'	55°55.4'	61°39.2'	28°51.5'	107°32.9'	105°56.7'	75°20.9'
22	28°24.4'	56°25.0'	62°08.7'	28°28.1'	108°02.5'	106°23.4'	75°40.8'
23	28°54.3'	56°54.6'	62°38.2'	28°04.9'	108°32.1'	106°50.0'	76°00.8'

Wed Sep 11, 2019 UTC

UTC	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	-Formalhaut Lunar Dist.	+Spica Lunar Dist.	-Aldebaran Lunar Dist.	+Arcturus Lunar Dist.
0	29°24.2'	57°24.2'	63°07.7'	27°41.9'	109°01.7'	116°24.2'	107°16.6'
1	29°54.0'	57°53.7'	63°37.2'	27°19.0'	109°31.3'	115°54.4'	107°43.1'
2	30°23.9'	58°23.3'	64°06.7'	26°56.5'	110°00.8'	115°24.6'	108°09.7'
3	30°53.7'	58°52.9'	64°36.2'	26°34.1'	110°30.4'	114°54.8'	108°36.2'
4	31°23.6'	59°22.4'	65°05.7'	26°12.0'	110°59.9'	114°25.1'	109°02.7'
5	31°53.4'	59°51.9'	65°35.2'	25°50.1'	111°29.5'	113°55.3'	109°29.1'
6	32°23.2'	60°21.5'	66°04.7'	25°28.5'	111°59.0'	113°25.6'	109°55.5'
7	32°53.0'	60°51.0'	66°34.1'	25°07.1'	112°28.5'	112°55.8'	110°22.0'
8	33°22.8'	61°20.5'	67°03.6'	24°46.0'	112°58.0'	112°26.1'	110°48.3'
9	33°52.6'	61°50.0'	67°33.1'	24°25.2'	113°27.5'	111°56.4'	111°14.7'
10	34°22.3'	62°19.5'	68°02.5'	24°04.7'	113°57.0'	111°26.6'	111°41.0'
11	34°52.1'	62°49.0'	68°32.0'	23°44.5'	114°26.4'	110°56.9'	112°07.3'
12	35°21.9'	63°18.5'	69°01.4'	23°24.7'	114°55.9'	110°27.2'	112°33.6'
13	35°51.6'	63°48.0'	69°30.8'	23°05.2'	115°25.4'	109°57.5'	112°59.8'
14	36°21.4'	64°17.4'	70°00.3'	22°46.0'	115°54.8'	109°27.8'	113°26.0'
15	36°51.1'	64°46.9'	70°29.7'	22°27.2'	116°24.2'	108°58.2'	113°52.2'
16	37°20.9'	65°16.3'	70°59.1'	22°08.8'	116°53.7'	108°28.5'	114°18.3'
17	37°50.6'	65°45.8'	71°28.6'	21°50.8'	117°23.1'	107°58.8'	114°44.4'
18	38°20.3'	66°15.2'	71°58.0'	21°33.1'	117°52.5'	107°29.1'	115°10.5'
19	38°50.1'	66°44.7'	72°27.4'	21°16.0'	118°21.9'	106°59.5'	115°36.5'
20	39°19.8'	67°14.1'	72°56.8'	20°59.2'	118°51.3'	106°29.8'	116°02.5'
21	39°49.5'	67°43.5'	73°26.2'	20°43.0'	119°20.7'	106°00.2'	116°28.5'
22	40°19.2'	68°13.0'	73°55.6'	20°27.2'	119°50.1'	105°30.5'	116°54.5'
23	40°48.9'	68°42.4'	74°25.0'	20°11.9'	120°19.4'	105°00.9'	117°20.4'

Thu Sep 12, 2019 UTC

UTC	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	-Aldebaran Lunar Dist.	-Rigel Lunar Dist.	-Capella Lunar Dist.	+Arcturus Lunar Dist.
0	41°18.6'	69°11.8'	74°54.4'	104°31.2'	106°54.4'	116°04.0'	117°46.2'
1	41°48.3'	69°41.2'	75°23.8'	104°01.6'	106°28.7'	115°37.7'	118°12.1'
2	42°17.9'	70°10.6'	75°53.2'	103°32.0'	106°03.0'	115°11.5'	118°37.8'
3	42°47.6'	70°40.0'	76°22.5'	103°02.4'	105°37.3'	114°45.2'	119°03.6'
4	43°17.3'	71°09.4'	76°51.9'	102°32.7'	105°11.6'	114°18.9'	119°29.3'
5	43°47.0'	71°38.8'	77°21.3'	102°03.1'	104°45.8'	113°52.5'	119°55.0'
6	44°16.6'	72°08.2'	77°50.7'	101°33.5'	104°20.0'	113°26.2'	120°20.6'
7	44°46.3'	72°37.5'	78°20.0'	101°03.9'	103°54.3'	112°59.8'	120°46.2'
8	45°15.9'	73°06.9'	78°49.4'	100°34.3'	103°28.5'	112°33.4'	121°11.8'
9	45°45.6'	73°36.3'	79°18.8'	100°04.7'	103°02.7'	112°07.0'	121°37.3'
10	46°15.2'	74°05.7'	79°48.1'	99°35.1'	102°36.9'	111°40.6'	122°02.8'
11	46°44.9'	74°35.0'	80°17.5'	99°05.5'	102°11.1'	111°14.2'	122°28.2'
12	47°14.5'	75°04.4'	80°46.9'	98°35.9'	101°45.2'	110°47.7'	122°53.6'
13	47°44.2'	75°33.8'	81°16.2'	98°06.3'	101°19.4'	110°21.2'	123°18.9'
14	48°13.8'	76°03.1'	81°45.6'	97°36.8'	100°53.5'	109°54.7'	123°44.2'
15	48°43.4'	76°32.5'	82°14.9'	97°07.2'	100°27.7'	109°28.2'	124°09.4'
16	49°13.1'	77°01.8'	82°44.3'	96°37.6'	100°01.8'	109°01.7'	124°34.6'
17	49°42.7'	77°31.2'	83°13.6'	96°08.0'	99°35.9'	108°35.2'	124°59.7'
18	50°12.3'	78°00.5'	83°43.0'	95°38.4'	99°10.0'	108°08.6'	125°24.8'
19	50°41.9'	78°29.9'	84°12.3'	95°08.9'	98°44.1'	107°42.0'	125°49.8'
20	51°11.6'	78°59.2'	84°41.7'	94°39.3'	98°18.2'	107°15.5'	126°14.8'
21	51°41.2'	79°28.5'	85°11.0'	94°09.7'	97°52.3'	106°48.9'	126°39.7'
22	52°10.8'	79°57.9'	85°40.3'	93°40.2'	97°26.4'	106°22.3'	127°04.5'
23	52°40.4'	80°27.2'	86°09.7'	93°10.6'	97°00.5'	105°55.6'	127°29.3'

Fri Sep 13, 2019 UTC

UTC	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	-Aldebaran Lunar Dist.	-Betelgeuse Lunar Dist.	+Altair Lunar Dist.	-Rigel Lunar Dist.
0	53°10.0'	80°56.5'	86°39.0'	92°41.0'	109°55.9'	47°11.3'	96°34.6'
1	53°39.7'	81°25.9'	87°08.4'	92°11.5'	109°27.4'	47°32.7'	96°08.7'
2	54°09.3'	81°55.2'	87°37.7'	91°41.9'	108°58.8'	47°54.1'	95°42.7'
3	54°38.9'	82°24.5'	88°07.0'	91°12.3'	108°30.3'	48°15.7'	95°16.8'
4	55°08.5'	82°53.9'	88°36.4'	90°42.8'	108°01.8'	48°37.4'	94°50.8'
5	55°38.1'	83°23.2'	89°05.7'	90°13.2'	107°33.2'	48°59.2'	94°24.9'
6	56°07.7'	83°52.5'	89°35.0'	89°43.7'	107°04.7'	49°21.1'	93°58.9'
7	56°37.3'	84°21.9'	90°04.4'	89°14.1'	106°36.1'	49°43.0'	93°33.0'
8	57°06.9'	84°51.2'	90°33.7'	88°44.6'	106°07.6'	50°05.1'	93°07.0'
9	57°36.5'	85°20.5'	91°03.0'	88°15.0'	105°39.0'	50°27.3'	92°41.0'
10	58°06.1'	85°49.8'	91°32.4'	87°45.4'	105°10.4'	50°49.6'	92°15.1'
11	58°35.7'	86°19.2'	92°01.7'	87°15.9'	104°41.9'	51°11.9'	91°49.1'
12	59°05.3'	86°48.5'	92°31.0'	86°46.3'	104°13.3'	51°34.3'	91°23.1'
13	59°35.0'	87°17.8'	93°00.4'	86°16.8'	103°44.7'	51°56.9'	90°57.2'
14	60°04.6'	87°47.1'	93°29.7'	85°47.2'	103°16.1'	52°19.5'	90°31.2'
15	60°34.2'	88°16.5'	93°59.1'	85°17.6'	102°47.5'	52°42.2'	90°05.2'
16	61°03.8'	88°45.8'	94°28.4'	84°48.1'	102°18.9'	53°04.9'	89°39.2'
17	61°33.4'	89°15.1'	94°57.7'	84°18.5'	101°50.3'	53°27.8'	89°13.3'
18	62°03.0'	89°44.5'	95°27.1'	83°49.0'	101°21.7'	53°50.7'	88°47.3'
19	62°32.6'	90°13.8'	95°56.4'	83°19.4'	100°53.1'	54°13.7'	88°21.3'
20	63°02.2'	90°43.1'	96°25.7'	82°49.8'	100°24.5'	54°36.8'	87°55.3'
21	63°31.8'	91°12.5'	96°55.1'	82°20.3'	99°55.9'	54°59.9'	87°29.4'
22	64°01.4'	91°41.8'	97°24.4'	81°50.7'	99°27.3'	55°23.1'	87°03.4'
23	64°31.1'	92°11.1'	97°53.8'	81°21.1'	98°58.7'	55°46.4'	86°37.4'

Sat Sep 14, 2019 UTC

UTC	+Saturn Lunar Dist.	-Aldebaran Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	-Betelgeuse Lunar Dist.	+Altair Lunar Dist.	-Capella Lunar Dist.
0	65°00.7'	80°51.6'	92°40.5'	98°23.1'	98°30.0'	56°09.8'	94°46.7'
1	65°30.3'	80°22.0'	93°09.8'	98°52.5'	98°01.4'	56°33.2'	94°19.8'
2	65°59.9'	79°52.4'	93°39.1'	99°21.8'	97°32.8'	56°56.6'	93°53.0'
3	66°29.5'	79°22.8'	94°08.5'	99°51.2'	97°04.1'	57°20.2'	93°26.1'
4	66°59.2'	78°53.3'	94°37.8'	100°20.5'	96°35.5'	57°43.8'	92°59.2'
5	67°28.8'	78°23.7'	95°07.2'	100°49.9'	96°06.8'	58°07.4'	92°32.3'
6	67°58.4'	77°54.1'	95°36.5'	101°19.2'	95°38.2'	58°31.2'	92°05.4'
7	68°28.1'	77°24.5'	96°05.9'	101°48.6'	95°09.5'	58°54.9'	91°38.6'
8	68°57.7'	76°54.9'	96°35.2'	102°17.9'	94°40.8'	59°18.8'	91°11.7'
9	69°27.3'	76°25.3'	97°04.6'	102°47.3'	94°12.2'	59°42.7'	90°44.8'
10	69°57.0'	75°55.7'	97°33.9'	103°16.6'	93°43.5'	60°06.6'	90°17.9'
11	70°26.6'	75°26.1'	98°03.3'	103°46.0'	93°14.8'	60°30.6'	89°51.0'
12	70°56.3'	74°56.5'	98°32.7'	104°15.4'	92°46.1'	60°54.7'	89°24.1'
13	71°25.9'	74°26.9'	99°02.0'	104°44.7'	92°17.5'	61°18.8'	88°57.1'
14	71°55.6'	73°57.3'	99°31.4'	105°14.1'	91°48.8'	61°42.9'	88°30.2'
15	72°25.2'	73°27.7'	100°00.8'	105°43.5'	91°20.1'	62°07.1'	88°03.3'
16	72°54.9'	72°58.1'	100°30.2'	106°12.9'	90°51.4'	62°31.4'	87°36.4'
17	73°24.6'	72°28.5'	100°59.6'	106°42.2'	90°22.7'	62°55.7'	87°09.5'
18	73°54.2'	71°58.9'	101°28.9'	107°11.6'	89°54.0'	63°20.0'	86°42.6'
19	74°23.9'	71°29.2'	101°58.3'	107°41.0'	89°25.3'	63°44.4'	86°15.6'
20	74°53.6'	70°59.6'	102°27.7'	108°10.4'	88°56.6'	64°08.8'	85°48.7'
21	75°23.3'	70°30.0'	102°57.1'	108°39.8'	88°27.9'	64°33.3'	85°21.8'
22	75°52.9'	70°00.3'	103°26.5'	109°09.2'	87°59.1'	64°57.8'	84°54.9'
23	76°22.6'	69°30.7'	103°55.9'	109°38.6'	87°30.4'	65°22.4'	84°28.0'

Sun Sep 15, 2019 UTC

UTC	−Aldebaran Lunar Dist.	+Saturn Lunar Dist.	+Formalhaut Lunar Dist.	−Betelgeuse Lunar Dist.	+Jupiter Lunar Dist.	−Capella Lunar Dist.	+Antares Lunar Dist.
0	69°01.0′	76°52.3′	30°29.5′	87°01.7′	104°25.3′	84°01.0′	110°07.9′
1	68°31.4′	77°22.0′	30°53.6′	86°33.0′	104°54.8′	83°34.1′	110°37.3′
2	68°01.7′	77°51.7′	31°17.9′	86°04.2′	105°24.2′	83°07.2′	111°06.8′
3	67°32.1′	78°21.4′	31°42.3′	85°35.5′	105°53.6′	82°40.3′	111°36.2′
4	67°02.4′	78°51.2′	32°06.9′	85°06.7′	106°23.0′	82°13.3′	112°05.6′
5	66°32.7′	79°20.9′	32°31.5′	84°38.0′	106°52.5′	81°46.4′	112°35.0′
6	66°03.0′	79°50.6′	32°56.4′	84°09.3′	107°21.9′	81°19.5′	113°04.4′
7	65°33.4′	80°20.3′	33°21.3′	83°40.5′	107°51.4′	80°52.6′	113°33.8′
8	65°03.7′	80°50.1′	33°46.3′	83°11.7′	108°20.8′	80°25.7′	114°03.2′
9	64°34.0′	81°19.8′	34°11.5′	82°43.0′	108°50.3′	79°58.8′	114°32.7′
10	64°04.3′	81°49.6′	34°36.8′	82°14.2′	109°19.7′	79°31.8′	115°02.1′
11	63°34.6′	82°19.3′	35°02.2′	81°45.5′	109°49.2′	79°04.9′	115°31.5′
12	63°04.9′	82°49.1′	35°27.7′	81°16.7′	110°18.7′	78°38.0′	116°01.0′
13	62°35.1′	83°18.9′	35°53.3′	80°47.9′	110°48.2′	78°11.1′	116°30.4′
14	62°05.4′	83°48.6′	36°19.0′	80°19.1′	111°17.6′	77°44.2′	116°59.9′
15	61°35.7′	84°18.4′	36°44.7′	79°50.3′	111°47.1′	77°17.3′	117°29.3′
16	61°05.9′	84°48.2′	37°10.6′	79°21.6′	112°16.6′	76°50.4′	117°58.8′
17	60°36.2′	85°18.0′	37°36.6′	78°52.8′	112°46.1′	76°23.6′	118°28.2′
18	60°06.4′	85°47.8′	38°02.6′	78°24.0′	113°15.7′	75°56.7′	118°57.7′
19	59°36.7′	86°17.6′	38°28.8′	77°55.2′	113°45.2′	75°29.8′	119°27.2′
20	59°06.9′	86°47.4′	38°55.0′	77°26.4′	114°14.7′	75°02.9′	119°56.7′
21	58°37.1′	87°17.2′	39°21.3′	76°57.6′	114°44.2′	74°36.1′	120°26.1′
22	58°07.4′	87°47.1′	39°47.6′	76°28.8′	115°13.8′	74°09.2′	120°55.6′
23	57°37.6′	88°16.9′	40°14.1′	75°60.0′	115°43.3′	73°42.4′	121°25.1′

Mon Sep 16, 2019 UTC

UTC	−Aldebaran Lunar Dist.	+Formalhaut Lunar Dist.	−Betelgeuse Lunar Dist.	+Saturn Lunar Dist.	−Pollux Lunar Dist.	−Capella Lunar Dist.	−Rigel Lunar Dist.
0	57°07.8′	40°40.6′	75°31.1′	88°46.8′	101°17.4′	73°15.5′	65°35.1′
1	56°38.0′	41°07.2′	75°02.3′	89°16.6′	100°47.7′	72°48.7′	65°09.8′
2	56°08.2′	41°33.9′	74°33.5′	89°46.5′	100°18.0′	72°21.8′	64°44.4′
3	55°38.4′	42°00.6′	74°04.7′	90°16.3′	99°48.3′	71°55.0′	64°19.1′
4	55°08.5′	42°27.4′	73°35.9′	90°46.2′	99°18.6′	71°28.2′	63°53.9′
5	54°38.7′	42°54.2′	73°07.0′	91°16.1′	98°48.9′	71°01.4′	63°28.6′
6	54°08.8′	43°21.1′	72°38.2′	91°46.0′	98°19.2′	70°34.6′	63°03.4′
7	53°39.0′	43°48.1′	72°09.4′	92°15.9′	97°49.5′	70°07.8′	62°38.2′
8	53°09.1′	44°15.1′	71°40.5′	92°45.8′	97°19.7′	69°41.0′	62°13.1′
9	52°39.3′	44°42.2′	71°11.7′	93°15.8′	96°50.0′	69°14.3′	61°48.0′
10	52°09.4′	45°09.4′	70°42.8′	93°45.7′	96°20.2′	68°47.5′	61°22.9′
11	51°39.5′	45°36.6′	70°14.0′	94°15.6′	95°50.4′	68°20.8′	60°57.8′
12	51°09.6′	46°03.8′	69°45.1′	94°45.6′	95°20.6′	67°54.1′	60°32.8′
13	50°39.7′	46°31.1′	69°16.3′	95°15.6′	94°50.8′	67°27.3′	60°07.8′
14	50°09.8′	46°58.5′	68°47.4′	95°45.5′	94°21.0′	67°00.6′	59°42.9′
15	49°39.9′	47°25.9′	68°18.6′	96°15.5′	93°51.2′	66°33.9′	59°18.0′
16	49°09.9′	47°53.3′	67°49.7′	96°45.5′	93°21.4′	66°07.3′	58°53.1′
17	48°40.0′	48°20.8′	67°20.8′	97°15.5′	92°51.5′	65°40.6′	58°28.3′
18	48°10.0′	48°48.4′	66°52.0′	97°45.5′	92°21.7′	65°14.0′	58°03.5′
19	47°40.1′	49°16.0′	66°23.1′	98°15.6′	91°51.8′	64°47.3′	57°38.8′
20	47°10.1′	49°43.6′	65°54.2′	98°45.6′	91°22.0′	64°20.7′	57°14.1′
21	46°40.1′	50°11.3′	65°25.4′	99°15.6′	90°52.1′	63°54.1′	56°49.5′
22	46°10.1′	50°39.0′	64°56.5′	99°45.7′	90°22.2′	63°27.5′	56°24.9′
23	45°40.1′	51°06.8′	64°27.6′	100°15.8′	89°52.3′	63°01.0′	56°00.3′

Tue Sep 17, 2019 UTC

UTC	−Aldebaran Lunar Dist.	+Formalhaut Lunar Dist.	−Betelgeuse Lunar Dist.	−Pollux Lunar Dist.	−Capella Lunar Dist.	+Saturn Lunar Dist.	−Procyon Lunar Dist.
0	45°10.1′	51°34.6′	63°58.8′	89°22.4′	62°34.4′	100°45.8′	89°55.8′
1	44°40.1′	52°02.5′	63°29.9′	88°52.4′	62°07.9′	101°15.9′	89°27.0′
2	44°10.0′	52°30.4′	63°01.0′	88°22.5′	61°41.4′	101°46.0′	88°58.2′
3	43°40.0′	52°58.3′	62°32.1′	87°52.5′	61°14.9′	102°16.2′	88°29.4′
4	43°09.9′	53°26.3′	62°03.2′	87°22.6′	60°48.5′	102°46.3′	88°00.5′
5	42°39.8′	53°54.3′	61°34.4′	86°52.6′	60°22.0′	103°16.4′	87°31.7′
6	42°09.8′	54°22.3′	61°05.5′	86°22.6′	59°55.6′	103°46.6′	87°02.9′
7	41°39.7′	54°50.4′	60°36.6′	85°52.6′	59°29.2′	104°16.8′	86°34.0′
8	41°09.5′	55°18.6′	60°07.7′	85°22.6′	59°02.9′	104°46.9′	86°05.2′
9	40°39.4′	55°46.7′	59°38.8′	84°52.6′	58°36.5′	105°17.1′	85°36.3′
10	40°09.3′	56°14.9′	59°10.0′	84°22.5′	58°10.2′	105°47.4′	85°07.4′
11	39°39.2′	56°43.2′	58°41.1′	83°52.5′	57°43.9′	106°17.6′	84°38.5′
12	39°09.0′	57°11.4′	58°12.2′	83°22.4′	57°17.7′	106°47.8′	84°09.6′
13	38°38.8′	57°39.7′	57°43.3′	82°52.3′	56°51.4′	107°18.1′	83°40.7′
14	38°08.7′	58°08.1′	57°14.4′	82°22.2′	56°25.2′	107°48.3′	83°11.7′
15	37°38.5′	58°36.4′	56°45.6′	81°52.1′	55°59.1′	108°18.6′	82°42.8′
16	37°08.3′	59°04.8′	56°16.7′	81°22.0′	55°32.9′	108°48.9′	82°13.9′
17	36°38.0′	59°33.3′	55°47.8′	80°51.8′	55°06.8′	109°19.2′	81°44.9′
18	36°07.8′	60°01.8′	55°19.0′	80°21.7′	54°40.8′	109°49.5′	81°15.9′
19	35°37.6′	60°30.3′	54°50.1′	79°51.5′	54°14.8′	110°19.9′	80°46.9′
20	35°07.3′	60°58.8′	54°21.2′	79°21.3′	53°48.8′	110°50.2′	80°17.9′
21	34°37.0′	61°27.4′	53°52.4′	78°51.1′	53°22.8′	111°20.6′	79°48.9′
22	34°06.7′	61°56.0′	53°23.5′	78°20.9′	52°56.9′	111°51.0′	79°19.9′
23	33°36.4′	62°24.6′	52°54.7′	77°50.7′	52°31.0′	112°21.4′	78°50.9′

Wed Sep 18, 2019 UTC

UTC	−Aldebaran Lunar Dist.	−Betelgeuse Lunar Dist.	−Pollux Lunar Dist.	+Formalhaut Lunar Dist.	−Procyon Lunar Dist.	−Capella Lunar Dist.	+Saturn Lunar Dist.
0	33°06.1′	52°25.8′	77°20.4′	62°53.3′	78°21.8′	52°05.2′	112°51.8′
1	32°35.8′	51°57.0′	76°50.2′	63°22.0′	77°52.8′	51°39.4′	113°22.2′
2	32°05.5′	51°28.1′	76°19.9′	63°50.7′	77°23.7′	51°13.7′	113°52.7′
3	31°35.1′	50°59.3′	75°49.6′	64°19.4′	76°54.7′	50°48.0′	114°23.1′
4	31°04.7′	50°30.5′	75°19.3′	64°48.2′	76°25.6′	50°22.4′	114°53.6′
5	30°34.4′	50°01.7′	74°48.9′	65°17.0′	75°56.5′	49°56.8′	115°24.1′
6	30°04.0′	49°32.9′	74°18.6′	65°45.9′	75°27.4′	49°31.3′	115°54.6′
7	29°33.6′	49°04.1′	73°48.2′	66°14.8′	74°58.3′	49°05.8′	116°25.2′
8	29°03.1′	48°35.3′	73°17.9′	66°43.7′	74°29.2′	48°40.4′	116°55.7′
9	28°32.7′	48°06.5′	72°47.5′	67°12.6′	74°00.0′	48°15.0′	117°26.3′
10	28°02.3′	47°37.8′	72°17.1′	67°41.6′	73°30.9′	47°49.7′	117°56.9′
11	27°31.8′	47°09.0′	71°46.6′	68°10.6′	73°01.7′	47°24.5′	118°27.5′
12	27°01.3′	46°40.3′	71°16.2′	68°39.6′	72°32.6′	46°59.3′	118°58.1′
13	26°30.8′	46°11.5′	70°45.7′	69°08.7′	72°03.4′	46°34.2′	119°28.8′
14	26°00.3′	45°42.8′	70°15.2′	69°37.7′	71°34.2′	46°09.2′	119°59.4′
15	25°29.8′	45°14.1′	69°44.7′	70°06.8′	71°05.0′	45°44.2′	120°30.1′
16	24°59.3′	44°45.4′	69°14.2′	70°36.0′	70°35.8′	45°19.3′	121°00.8′
17	24°28.7′	44°16.8′	68°43.7′	71°05.2′	70°06.6′	44°54.5′	121°31.5′
18	23°58.2′	43°48.1′	68°13.1′	71°34.4′	69°37.4′	44°29.8′	122°02.3′
19	23°27.6′	43°19.5′	67°42.5′	72°03.6′	69°08.1′	44°05.1′	122°33.0′
20	22°57.0′	42°50.9′	67°11.9′	72°32.8′	68°38.9′	43°40.6′	123°03.8′
21	22°26.4′	42°22.3′	66°41.3′	73°02.1′	68°09.6′	43°16.1′	123°34.6′
22	21°55.8′	41°53.7′	66°10.7′	73°31.4′	67°40.4′	42°51.7′	124°05.5′
23	21°25.2′	41°25.2′	65°40.0′	74°00.8′	67°11.1′	42°27.4′	124°36.3′

Thu Sep 19, 2019 UTC

UTC	−Aldebaran Lunar Dist.	−Betelgeuse Lunar Dist.	−Pollux Lunar Dist.	−Procyon Lunar Dist.	†Formalhaut Lunar Dist.	−Regulus Lunar Dist.	−Capella Lunar Dist.
0	20°54.6′	40°56.7′	65°09.4′	66°41.8′	74°30.1′	100°58.8′	42°03.3′
1	20°23.9′	40°28.2′	64°38.7′	66°12.5′	74°59.5′	100°28.0′	41°39.2′
2	19°53.3′	39°59.7′	64°07.9′	65°43.2′	75°28.9′	99°57.1′	41°15.2′
3	19°22.6′	39°31.3′	63°37.2′	65°13.9′	75°58.4′	99°26.2′	40°51.3′
4	18°52.0′	39°02.9′	63°06.5′	64°44.6′	76°27.9′	98°55.3′	40°27.6′
5	18°21.3′	38°34.6′	62°35.7′	64°15.3′	76°57.4′	98°24.4′	40°03.9′
6	17°50.6′	38°06.2′	62°04.9′	63°46.0′	77°26.9′	97°53.4′	39°40.4′
7	17°20.0′	37°37.9′	61°34.1′	63°16.6′	77°56.5′	97°22.5′	39°17.1′
8	16°49.3′	37°09.7′	61°03.2′	62°47.3′	78°26.1′	96°51.5′	38°53.8′
9	16°18.6′	36°41.5′	60°32.4′	62°18.0′	78°55.7′	96°20.4′	38°30.7′
10	15°47.9′	36°13.3′	60°01.5′	61°48.6′	79°25.3′	95°49.4′	38°07.7′
11	15°17.3′	35°45.2′	59°30.6′	61°19.2′	79°55.0′	95°18.3′	37°44.9′
12	14°46.6′	35°17.2′	58°59.6′	60°49.9′	80°24.7′	94°47.2′	37°22.2′
13	14°15.9′	34°49.2′	58°28.7′	60°20.5′	80°54.4′	94°16.1′	36°59.7′
14	13°45.3′	34°21.2′	57°57.7′	59°51.1′	81°24.2′	93°44.9′	36°37.3′
15	13°14.7′	33°53.4′	57°26.7′	59°21.7′	81°54.0′	93°13.7′	36°15.1′
16	12°44.0′	33°25.5′	56°55.7′	58°52.4′	82°23.8′	92°42.5′	35°53.1′
17	12°13.5′	32°57.8′	56°24.7′	58°23.0′	82°53.6′	92°11.3′	35°31.3′
18	11°42.9′	32°30.1′	55°53.6′	57°53.6′	83°23.5′	91°40.1′	35°09.6′
19	11°12.4′	32°02.5′	55°22.5′	57°24.2′	83°53.4′	91°08.8′	34°48.2′
20	10°42.0′	31°35.0′	54°51.4′	56°54.8′	84°23.3′	90°37.5′	34°26.9′
21	10°11.6′	31°07.5′	54°20.3′	56°25.4′	84°53.3′	90°06.1′	34°05.9′
22	9°41.3′	30°40.2′	53°49.1′	55°56.0′	85°23.3′	89°34.8′	33°45.1′
23	9°11.1′	30°12.9′	53°18.0′	55°26.6′	85°53.3′	89°03.4′	33°24.5′

Fri Sep 20, 2019 UTC

UTC	−Sun Lunar Dist.	−Aldebaran Lunar Dist.	−Pollux Lunar Dist.	−Betelgeuse Lunar Dist.	−Procyon Lunar Dist.	−Regulus Lunar Dist.	†Formalhaut Lunar Dist.
0	115°06.5′	8°41.0′	52°46.8′	29°45.8′	54°57.2′	88°32.0′	86°23.3′
1	114°37.5′	8°11.1′	52°15.5′	29°18.7′	54°27.7′	88°00.5′	86°53.4′
2	114°08.6′	7°41.3′	51°44.3′	28°51.8′	53°58.3′	87°29.1′	87°23.5′
3	113°39.6′	7°11.8′	51°13.0′	28°25.0′	53°28.9′	86°57.6′	87°53.6′
4	113°10.6′	6°42.5′	50°41.7′	27°58.3′	52°59.5′	86°26.0′	88°23.8′
5	112°41.6′	6°13.6′	50°10.4′	27°31.7′	52°30.1′	85°54.5′	88°53.9′
6	112°12.5′	5°45.1′	49°39.0′	27°05.3′	52°00.7′	85°22.9′	89°24.1′
7	111°43.4′	5°17.2′	49°07.7′	26°39.1′	51°31.3′	84°51.3′	89°54.4′
8	111°14.3′	–	48°36.3′	26°13.0′	51°02.0′	84°19.6′	90°24.6′
9	110°45.1′	–	48°04.8′	25°47.0′	50°32.6′	83°48.0′	90°54.9′
10	110°16.0′	–	47°33.4′	25°21.3′	50°03.2′	83°16.3′	91°25.3′
11	109°46.7′	–	47°01.9′	24°55.7′	49°33.8′	82°44.5′	91°55.6′
12	109°17.5′	–	46°30.4′	24°30.4′	49°04.5′	82°12.8′	92°26.0′
13	108°48.2′	–	45°58.9′	24°05.2′	48°35.1′	81°41.0′	92°56.4′
14	108°18.9′	–	45°27.4′	23°40.3′	48°05.8′	81°09.2′	93°26.8′
15	107°49.6′	–	44°55.8′	23°15.6′	47°36.4′	80°37.3′	93°57.3′
16	107°20.2′	–	44°24.2′	22°51.2′	47°07.1′	80°05.4′	94°27.8′
17	106°50.8′	–	43°52.6′	22°27.1′	46°37.8′	79°33.5′	94°58.3′
18	106°21.3′	–	43°20.9′	22°03.2′	46°08.5′	79°01.5′	95°28.8′
19	105°51.9′	–	42°49.3′	21°39.7′	45°39.3′	78°29.6′	95°59.4′
20	105°22.4′	–	42°17.6′	21°16.5′	45°10.0′	77°57.5′	96°30.0′
21	104°52.8′	–	41°45.8′	20°53.6′	44°40.8′	77°25.5′	97°00.7′
22	104°23.3′	–	41°14.1′	20°31.1′	44°11.6′	76°53.4′	97°31.3′
23	103°53.7′	–	40°42.3′	20°09.0′	43°42.4′	76°21.3′	98°02.0′

Sat Sep 21, 2019 UTC

UTC	–Sun Lunar Dist.	–Pollux Lunar Dist.	–Procyon Lunar Dist.	–Regulus Lunar Dist.	+Formalhaut Lunar Dist.	–Betelgeuse Lunar Dist.	–Sirius Lunar Dist.
0	103°24.0'	40°10.5'	43°13.3'	75°49.2'	98°32.7'	19°47.3'	46°00.3'
1	102°54.4'	39°38.7'	42°44.1'	75°17.0'	99°03.5'	19°26.1'	45°45.3'
2	102°24.7'	39°06.9'	42°15.0'	74°44.8'	99°34.3'	19°05.3'	45°30.5'
3	101°54.9'	38°35.0'	41°46.0'	74°12.5'	100°05.1'	18°45.1'	45°15.9'
4	101°25.1'	38°03.1'	41°17.0'	73°40.2'	100°35.9'	18°25.3'	45°01.5'
5	100°55.3'	37°31.2'	40°48.0'	73°07.9'	101°06.7'	18°06.2'	44°47.3'
6	100°25.5'	36°59.2'	40°19.0'	72°35.6'	101°37.6'	17°47.6'	44°33.4'
7	99°55.6'	36°27.3'	39°50.1'	72°03.2'	102°08.5'	17°29.7'	44°19.7'
8	99°25.7'	35°55.3'	39°21.2'	71°30.8'	102°39.5'	17°12.4'	44°06.3'
9	98°55.7'	35°23.3'	38°52.4'	70°58.3'	103°10.5'	16°55.8'	43°53.1'
10	98°25.8'	34°51.2'	38°23.6'	70°25.8'	103°41.5'	16°40.0'	43°40.2'
11	97°55.7'	34°19.2'	37°54.9'	69°53.3'	104°12.5'	–	43°27.5'
12	97°25.7'	33°47.1'	37°26.3'	69°20.7'	104°43.5'	–	43°15.1'
13	96°55.6'	33°15.0'	36°57.7'	68°48.1'	105°14.6'	–	43°03.0'
14	96°25.4'	32°42.9'	36°29.1'	68°15.5'	105°45.7'	–	42°51.1'
15	95°55.3'	32°10.8'	36°00.7'	67°42.8'	106°16.9'	–	42°39.5'
16	95°25.1'	31°38.6'	35°32.3'	67°10.1'	106°48.0'	–	42°28.2'
17	94°54.8'	31°06.5'	35°04.0'	66°37.3'	107°19.2'	–	42°17.2'
18	94°24.5'	30°34.3'	34°35.7'	66°04.6'	107°50.4'	–	42°06.5'
19	93°54.2'	30°02.1'	34°07.6'	65°31.7'	108°21.7'	–	41°56.1'
20	93°23.8'	29°29.9'	33°39.5'	64°58.9'	108°52.9'	–	41°45.9'
21	92°53.4'	28°57.6'	33°11.6'	64°26.0'	109°24.2'	–	41°36.1'
22	92°23.0'	28°25.4'	32°43.8'	63°53.0'	109°55.6'	–	41°26.6'
23	91°52.5'	27°53.1'	32°16.0'	63°20.1'	110°26.9'	–	41°17.5'

Sun Sep 22, 2019 UTC

UTC	–Sun Lunar Dist.	+Aldebaran Lunar Dist.	–Pollux Lunar Dist.	–Regulus Lunar Dist.	–Procyon Lunar Dist.	+Formalhaut Lunar Dist.	+Achernar Lunar Dist.
0	91°22.0'	17°41.4'	27°20.9'	62°47.0'	31°48.4'	110°58.3'	94°39.6'
1	90°51.5'	18°14.2'	26°48.6'	62°14.0'	31°20.9'	111°29.7'	94°58.5'
2	90°20.9'	18°47.0'	26°16.3'	61°40.9'	30°53.5'	112°01.1'	95°17.4'
3	89°50.2'	19°19.9'	25°44.0'	61°07.8'	30°26.3'	112°32.5'	95°36.3'
4	89°19.6'	19°52.8'	25°11.7'	60°34.6'	29°59.3'	113°04.0'	95°55.3'
5	88°48.8'	20°25.8'	24°39.5'	60°01.4'	29°32.3'	113°35.5'	96°14.2'
6	88°18.1'	20°58.8'	24°07.2'	59°28.1'	29°05.6'	114°07.0'	96°33.1'
7	87°47.3'	21°31.9'	23°34.9'	58°54.8'	28°39.0'	114°38.6'	96°52.0'
8	87°16.5'	22°05.1'	23°02.6'	58°21.5'	28°12.7'	115°10.1'	97°11.0'
9	86°45.6'	22°38.3'	22°30.4'	57°48.1'	27°46.5'	115°41.7'	97°29.9'
10	86°14.7'	23°11.5'	21°58.1'	57°14.7'	27°20.5'	116°13.3'	97°48.8'
11	85°43.7'	23°44.8'	21°25.9'	56°41.3'	26°54.7'	116°45.0'	98°07.7'
12	85°12.7'	24°18.2'	20°53.7'	56°07.8'	26°29.2'	117°16.6'	98°26.6'
13	84°41.7'	24°51.6'	20°21.6'	55°34.2'	26°04.0'	117°48.3'	98°45.5'
14	84°10.6'	25°25.1'	19°49.4'	55°00.7'	25°39.0'	118°20.0'	99°04.3'
15	83°39.5'	25°58.6'	19°17.3'	54°27.0'	25°14.3'	118°51.7'	99°23.2'
16	83°08.3'	26°32.1'	18°45.3'	53°53.4'	24°49.8'	119°23.4'	99°42.0'
17	82°37.1'	27°05.7'	18°13.3'	53°19.7'	24°25.7'	119°55.2'	100°00.9'
18	82°05.8'	27°39.4'	17°41.4'	52°46.0'	24°02.0'	120°26.9'	100°19.7'
19	81°34.6'	28°13.1'	17°09.6'	52°12.2'	23°38.6'	120°58.7'	100°38.5'
20	81°03.2'	28°46.8'	16°37.9'	51°38.4'	23°15.5'	121°30.5'	100°57.3'
21	80°31.8'	29°20.6'	16°06.2'	51°04.5'	22°52.9'	122°02.3'	101°16.0'
22	80°00.4'	29°54.5'	15°34.7'	50°30.6'	22°30.7'	122°34.2'	101°34.7'
23	79°29.0'	30°28.4'	15°03.3'	49°56.6'	22°08.9'	123°06.0'	101°53.5'

Mon Sep 23, 2019 UTC

UTC	−Sun Lunar Dist.	+Aldebaran Lunar Dist.	−Pollux Lunar Dist.	−Regulus Lunar Dist.	+Betelgeuse Lunar Dist.	−Procyon Lunar Dist.	+Rigel Lunar Dist.
0	78°57.5'	31°02.3'	14°32.1'	49°22.6'	19°28.9'	21°47.6'	38°03.9'
1	78°25.9'	31°36.3'	14°01.0'	48°48.6'	19°51.5'	21°26.8'	38°25.4'
2	77°54.3'	32°10.3'	13°30.2'	48°14.5'	20°14.6'	21°06.5'	38°47.2'
3	77°22.7'	32°44.4'	12°59.6'	47°40.4'	20°38.2'	20°46.8'	39°09.3'
4	76°51.0'	33°18.6'	12°29.2'	47°06.3'	21°02.3'	20°27.6'	39°31.7'
5	76°19.3'	33°52.8'	11°59.2'	46°32.1'	21°26.9'	20°09.1'	39°54.3'
6	75°47.5'	34°27.0'	11°29.5'	45°57.8'	21°52.0'	19°51.2'	40°17.2'
7	75°15.7'	35°01.3'	11°00.2'	45°23.5'	22°17.5'	19°34.0'	40°40.3'
8	74°43.9'	35°35.6'	10°31.4'	44°49.2'	22°43.3'	19°17.5'	41°03.7'
9	74°12.0'	36°10.0'	10°03.1'	44°14.8'	23°09.6'	19°01.7'	41°27.4'
10	73°40.0'	36°44.4'	9°35.5'	43°40.4'	23°36.2'	−	41°51.2'
11	73°08.1'	37°18.8'	−	43°06.0'	24°03.2'	−	42°15.3'
12	72°36.0'	37°53.3'	−	42°31.5'	24°30.5'	−	42°39.6'
13	72°04.0'	38°27.9'	−	41°56.9'	24°58.2'	−	43°04.2'
14	71°31.9'	39°02.5'	−	41°22.4'	25°26.1'	−	43°28.9'
15	70°59.7'	39°37.2'	−	40°47.7'	25°54.3'	−	43°53.9'
16	70°27.5'	40°11.9'	−	40°13.1'	26°22.8'	−	44°19.1'
17	69°55.3'	40°46.6'	−	39°38.4'	26°51.6'	−	44°44.5'
18	69°23.0'	41°21.4'	−	39°03.6'	27°20.6'	−	45°10.1'
19	68°50.7'	41°56.2'	−	38°28.8'	27°49.9'	−	45°35.8'
20	68°18.3'	42°31.1'	−	37°54.0'	28°19.4'	−	46°01.8'
21	67°45.9'	43°06.1'	−	37°19.2'	28°49.1'	−	46°28.0'
22	67°13.4'	43°41.0'	−	36°44.2'	29°19.1'	−	46°54.3'
23	66°40.9'	44°16.1'	−	36°09.3'	29°49.2'	−	47°20.8'

Tue Sep 24, 2019 UTC

UTC	−Sun Lunar Dist.	−Regulus Lunar Dist.	+Aldebaran Lunar Dist.	+Betelgeuse Lunar Dist.	+Capella Lunar Dist.	+Rigel Lunar Dist.	+Achernar Lunar Dist.
0	66°08.4'	35°34.3'	44°51.1'	30°19.6'	38°22.4'	47°47.5'	109°28.2'
1	65°35.8'	34°59.3'	45°26.2'	30°50.2'	38°48.5'	48°14.4'	109°45.7'
2	65°03.1'	34°24.2'	46°01.4'	31°20.9'	39°14.9'	48°41.4'	110°03.1'
3	64°30.5'	33°49.1'	46°36.6'	31°51.8'	39°41.5'	49°08.6'	110°20.4'
4	63°57.8'	33°13.9'	47°11.9'	32°22.9'	40°08.3'	49°35.9'	110°37.6'
5	63°25.0'	32°38.8'	47°47.2'	32°54.1'	40°35.3'	50°03.4'	110°54.7'
6	62°52.2'	32°03.5'	48°22.5'	33°25.6'	41°02.6'	50°31.1'	111°11.8'
7	62°19.3'	31°28.3'	48°57.9'	33°57.1'	41°30.0'	50°58.9'	111°28.7'
8	61°46.5'	30°53.0'	49°33.4'	34°28.8'	41°57.6'	51°26.9'	111°45.6'
9	61°13.5'	30°17.6'	50°08.8'	35°00.7'	42°25.5'	51°55.0'	112°02.4'
10	60°40.6'	29°42.2'	50°44.4'	35°32.7'	42°53.5'	52°23.2'	112°19.0'
11	60°07.5'	29°06.8'	51°19.9'	36°04.9'	43°21.7'	52°51.6'	112°35.6'
12	59°34.5'	28°31.4'	51°55.6'	36°37.1'	43°50.1'	53°20.1'	112°52.1'
13	59°01.4'	27°55.9'	52°31.2'	37°09.5'	44°18.6'	53°48.8'	113°08.5'
14	58°28.2'	27°20.4'	53°06.9'	37°42.1'	44°47.4'	54°17.6'	113°24.8'
15	57°55.1'	26°44.8'	53°42.7'	38°14.7'	45°16.3'	54°46.5'	113°40.9'
16	57°21.8'	26°09.3'	54°18.5'	38°47.5'	45°45.3'	55°15.6'	113°57.0'
17	56°48.6'	25°33.6'	54°54.3'	39°20.4'	46°14.6'	55°44.7'	114°12.9'
18	56°15.3'	24°58.0'	55°30.2'	39°53.4'	46°43.9'	56°14.0'	114°28.7'
19	55°41.9'	24°22.3'	56°06.1'	40°26.5'	47°13.5'	56°43.4'	114°44.4'
20	55°08.6'	23°46.6'	56°42.1'	40°59.7'	47°43.2'	57°13.0'	115°00.0'
21	54°35.1'	23°10.9'	57°18.1'	41°33.0'	48°13.0'	57°42.6'	115°15.5'
22	54°01.7'	22°35.2'	57°54.2'	42°06.4'	48°42.9'	58°12.4'	115°30.8'
23	53°28.2'	21°59.4'	58°30.3'	42°40.0'	49°13.0'	58°42.2'	115°46.0'

Wed Sep 25, 2019 UTC

UTC	−Sun Lunar Dist.	−Regulus Lunar Dist.	+Pollux Lunar Dist.	+Aldebaran Lunar Dist.	+Betelgeuse Lunar Dist.	+Capella Lunar Dist.	+Rigel Lunar Dist.
0	52°54.6'	21°23.6'	15°54.3'	59°06.4'	43°13.6'	49°43.3'	59°12.2'
1	52°21.1'	20°47.8'	16°28.0'	59°42.6'	43°47.3'	50°13.6'	59°42.3'
2	51°47.4'	20°12.0'	17°01.9'	60°18.8'	44°21.1'	50°44.1'	60°12.4'
3	51°13.8'	19°36.1'	17°36.0'	60°55.1'	44°55.0'	51°14.8'	60°42.7'
4	50°40.1'	19°00.3'	18°10.3'	61°31.4'	45°28.9'	51°45.5'	61°13.1'
5	50°06.4'	18°24.4'	18°44.8'	62°07.7'	46°03.0'	52°16.4'	61°43.6'
6	49°32.6'	17°48.5'	19°19.4'	62°44.1'	46°37.1'	52°47.4'	62°14.1'
7	48°58.8'	17°12.7'	19°54.1'	63°20.6'	47°11.4'	53°18.5'	62°44.8'
8	48°25.0'	16°36.8'	20°29.0'	63°57.0'	47°45.7'	53°49.7'	63°15.6'
9	47°51.1'	16°00.9'	21°04.0'	64°33.5'	48°20.1'	54°21.0'	63°46.4'
10	47°17.2'	15°25.1'	21°39.1'	65°10.1'	48°54.5'	54°52.4'	64°17.4'
11	46°43.3'	14°49.3'	22°14.4'	65°46.7'	49°29.1'	55°24.0'	64°48.4'
12	46°09.3'	14°13.5'	22°49.7'	66°23.3'	50°03.7'	55°55.6'	65°19.5'
13	45°35.3'	13°37.7'	23°25.2'	66°60.0'	50°38.3'	56°27.4'	65°50.7'
14	45°01.2'	13°02.0'	24°00.7'	67°36.7'	51°13.1'	56°59.2'	66°21.9'
15	44°27.2'	12°26.4'	24°36.4'	68°13.4'	51°47.9'	57°31.1'	66°53.3'
16	43°53.1'	11°50.8'	25°12.1'	68°50.2'	52°22.8'	58°03.2'	67°24.7'
17	43°18.9'	11°15.4'	25°47.9'	69°27.0'	52°57.8'	58°35.3'	67°56.2'
18	42°44.8'	10°40.0'	26°23.8'	70°03.9'	53°32.8'	59°07.5'	68°27.8'
19	42°10.6'	10°04.9'	26°59.8'	70°40.8'	54°07.8'	59°39.8'	68°59.4'
20	41°36.4'	9°29.9'	27°35.8'	71°17.7'	54°43.0'	60°12.2'	69°31.1'
21	41°02.1'	8°55.1'	28°11.9'	71°54.7'	55°18.2'	60°44.6'	70°02.9'
22	40°27.8'	8°20.6'	28°48.1'	72°31.7'	55°53.4'	61°17.2'	70°34.8'
23	39°53.5'	7°46.5'	29°24.3'	73°08.7'	56°28.8'	61°49.8'	71°06.7'

Thu Sep 26, 2019 UTC

UTC	+Pollux Lunar Dist.	−Regulus Lunar Dist.	+Aldebaran Lunar Dist.	+Betelgeuse Lunar Dist.	+Procyon Lunar Dist.	+Capella Lunar Dist.	+Rigel Lunar Dist.
0	30°00.6'	7°12.8'	73°45.8'	57°04.1'	33°09.9'	62°22.5'	71°38.7'
1	30°37.0'	6°39.7'	74°22.9'	57°39.6'	33°41.4'	62°55.3'	72°10.7'
2	31°13.5'	–	74°60.0'	58°15.0'	34°13.1'	63°28.1'	72°42.8'
3	31°49.9'	–	75°37.2'	58°50.6'	34°45.0'	64°01.1'	73°15.0'
4	32°26.5'	–	76°14.3'	59°26.2'	35°17.0'	64°34.1'	73°47.2'
5	33°03.1'	–	76°51.6'	60°01.8'	35°49.3'	65°07.1'	74°19.5'
6	33°39.7'	–	77°28.8'	60°37.5'	36°21.6'	65°40.3'	74°51.8'
7	34°16.4'	–	78°06.1'	61°13.2'	36°54.2'	66°13.5'	75°24.2'
8	34°53.2'	–	78°43.4'	61°49.0'	37°26.9'	66°46.7'	75°56.7'
9	35°30.0'	–	79°20.8'	62°24.8'	37°59.8'	67°20.1'	76°29.2'
10	36°06.8'	–	79°58.2'	63°00.7'	38°32.8'	67°53.5'	77°01.7'
11	36°43.7'	–	80°35.6'	63°36.6'	39°05.9'	68°26.9'	77°34.3'
12	37°20.7'	–	81°13.0'	64°12.6'	39°39.2'	69°00.4'	78°06.9'
13	37°57.6'	–	81°50.5'	64°48.6'	40°12.5'	69°34.0'	78°39.6'
14	38°34.6'	–	82°28.0'	65°24.6'	40°46.1'	70°07.6'	79°12.3'
15	39°11.7'	–	83°05.5'	66°00.7'	41°19.7'	70°41.2'	79°45.1'
16	39°48.8'	–	83°43.0'	66°36.8'	41°53.4'	71°15.0'	80°17.9'
17	40°25.9'	–	84°20.6'	67°13.0'	42°27.3'	71°48.7'	80°50.7'
18	41°03.1'	–	84°58.2'	67°49.2'	43°01.3'	72°22.5'	81°23.6'
19	41°40.3'	–	85°35.8'	68°25.4'	43°35.3'	72°56.4'	81°56.5'
20	42°17.5'	6°44.8'	86°13.4'	69°01.7'	44°09.5'	73°30.3'	82°29.5'
21	42°54.8'	7°18.5'	86°51.1'	69°37.9'	44°43.8'	74°04.3'	83°02.4'
22	43°32.1'	7°52.8'	87°28.8'	70°14.3'	45°18.1'	74°38.3'	83°35.4'
23	44°09.4'	8°27.6'	88°06.5'	70°50.6'	45°52.5'	75°12.3'	84°08.5'

Fri Sep 27, 2019 UTC

UTC	+Regulus Lunar Dist.	+Pollux Lunar Dist.	+Procyon Lunar Dist.	+Betelgeuse Lunar Dist.	+Aldebaran Lunar Dist.	+Capella Lunar Dist.
0	9°02.9'	44°46.8'	46°27.1'	71°27.0'	88°44.2'	75°46.4'
1	9°38.4'	45°24.2'	47°01.7'	72°03.4'	89°21.9'	76°20.5'
2	10°14.3'	46°01.6'	47°36.4'	72°39.9'	89°59.7'	76°54.6'
3	10°50.3'	46°39.0'	48°11.1'	73°16.4'	90°37.5'	77°28.8'
4	11°26.6'	47°16.5'	48°46.0'	73°52.8'	91°15.3'	78°03.0'
5	12°03.1'	47°54.0'	49°20.9'	74°29.4'	91°53.1'	78°37.3'
6	12°39.7'	48°31.5'	49°55.8'	75°05.9'	92°30.9'	79°11.5'
7	13°16.4'	49°09.0'	50°30.9'	75°42.5'	93°08.7'	79°45.8'
8	13°53.3'	49°46.6'	51°06.0'	76°19.1'	93°46.6'	80°20.2'
9	14°30.3'	50°24.2'	51°41.1'	76°55.7'	94°24.5'	80°54.5'
10	15°07.3'	51°01.8'	52°16.4'	77°32.3'	95°02.4'	81°28.9'
11	15°44.4'	51°39.4'	52°51.6'	78°09.0'	95°40.3'	82°03.3'
12	16°21.6'	52°17.0'	53°27.0'	78°45.6'	96°18.2'	82°37.7'
13	16°58.9'	52°54.7'	54°02.4'	79°22.3'	96°56.1'	83°12.2'
14	17°36.2'	53°32.4'	54°37.8'	79°59.0'	97°34.0'	83°46.7'
15	18°13.6'	54°10.0'	55°13.3'	80°35.7'	98°12.0'	84°21.1'
16	18°51.0'	54°47.7'	55°48.8'	81°12.4'	98°49.9'	84°55.6'
17	19°28.5'	55°25.4'	56°24.4'	81°49.2'	99°27.9'	85°30.2'
18	20°06.0'	56°03.2'	56°60.0'	82°25.9'	100°05.9'	86°04.7'
19	20°43.6'	56°40.9'	57°35.6'	83°02.7'	100°43.9'	86°39.2'
20	21°21.2'	57°18.6'	58°11.3'	83°39.5'	101°21.8'	87°13.8'
21	21°58.8'	57°56.4'	58°47.1'	84°16.2'	101°59.8'	87°48.3'
22	22°36.4'	58°34.2'	59°22.8'	84°53.0'	102°37.8'	88°22.9'
23	23°14.1'	59°11.9'	59°58.6'	85°29.8'	103°15.8'	88°57.5'

Sat Sep 28, 2019 UTC

UTC	+Regulus Lunar Dist.	+Pollux Lunar Dist.	+Procyon Lunar Dist.	+Betelgeuse Lunar Dist.	+Aldebaran Lunar Dist.	+Capella Lunar Dist.
0	23°51.8'	59°49.7'	60°34.4'	86°06.6'	103°53.8'	89°32.0'
1	24°29.5'	60°27.5'	61°10.3'	86°43.4'	104°31.8'	90°06.6'
2	25°07.2'	61°05.3'	61°46.2'	87°20.2'	105°09.8'	90°41.2'
3	25°44.9'	61°43.1'	62°22.1'	87°57.0'	105°47.8'	91°15.8'
4	26°22.7'	62°20.9'	62°58.0'	88°33.8'	106°25.8'	91°50.4'
5	27°00.4'	62°58.7'	63°34.0'	89°10.7'	107°03.8'	92°25.0'
6	27°38.2'	63°36.5'	64°09.9'	89°47.5'	107°41.9'	92°59.5'
7	28°16.0'	64°14.3'	64°45.9'	90°24.3'	108°19.9'	93°34.1'
8	28°53.8'	64°52.1'	65°21.9'	91°01.1'	108°57.9'	94°08.7'
9	29°31.6'	65°29.9'	65°58.0'	91°37.9'	109°35.8'	94°43.2'
10	30°09.4'	66°07.7'	66°34.0'	92°14.7'	110°13.8'	95°17.8'
11	30°47.2'	66°45.5'	67°10.1'	92°51.5'	110°51.8'	95°52.3'
12	31°25.0'	67°23.3'	67°46.1'	93°28.2'	111°29.8'	96°26.8'
13	32°02.8'	68°01.1'	68°22.2'	94°05.0'	112°07.8'	97°01.3'
14	32°40.6'	68°38.9'	68°58.3'	94°41.8'	112°45.7'	97°35.8'
15	33°18.5'	69°16.6'	69°34.4'	95°18.5'	113°23.7'	98°10.3'
16	33°56.3'	69°54.4'	70°10.5'	95°55.3'	114°01.6'	98°44.7'
17	34°34.1'	70°32.2'	70°46.6'	96°32.0'	114°39.6'	99°19.2'
18	35°11.9'	71°09.9'	71°22.7'	97°08.7'	115°17.5'	99°53.6'
19	35°49.7'	71°47.7'	71°58.8'	97°45.4'	115°55.4'	100°28.0'
20	36°27.5'	72°25.4'	72°35.0'	98°22.1'	116°33.3'	101°02.3'
21	37°05.2'	73°03.1'	73°11.1'	98°58.8'	117°11.2'	101°36.7'
22	37°43.0'	73°40.9'	73°47.2'	99°35.4'	117°49.1'	102°11.0'
23	38°20.8'	74°18.6'	74°23.3'	100°12.1'	118°27.0'	102°45.3'

Mon Sep 30, 2019 UTC

UTC	—Antares Lunar Dist.	—Jupiter Lunar Dist.	—Saturn Lunar Dist.	—Altair Lunar Dist.	—Rigil Kentaurus Lunar Dist.	—Hadar Lunar Dist.
0	46°58.4'	54°11.8'	80°04.0'	94°35.3'	57°31.1'	56°01.5'
1	46°21.6'	53°34.8'	79°26.8'	94°03.3'	57°11.7'	55°44.9'
2	45°45.0'	52°57.9'	78°49.6'	93°31.3'	56°52.5'	55°28.6'
3	45°08.3'	52°21.1'	78°12.4'	92°59.3'	56°33.5'	55°12.4'
4	44°31.7'	51°44.2'	77°35.2'	92°27.4'	56°14.7'	54°56.6'
5	43°55.2'	51°07.4'	76°58.1'	91°55.5'	55°56.1'	54°40.9'
6	43°18.7'	50°30.7'	76°21.0'	91°23.6'	55°37.8'	54°25.6'
7	42°42.2'	49°53.9'	75°43.9'	90°51.7'	55°19.6'	54°10.4'
8	42°05.8'	49°17.2'	75°06.9'	90°19.8'	55°01.7'	53°55.5'
9	41°29.5'	48°40.6'	74°29.9'	89°48.0'	54°44.1'	53°40.9'
10	40°53.2'	48°03.9'	73°53.0'	89°16.2'	54°26.7'	53°26.6'
11	40°17.0'	47°27.4'	73°16.1'	88°44.5'	54°09.5'	53°12.5'
12	39°40.8'	46°50.8'	72°39.2'	88°12.8'	53°52.5'	52°58.7'
13	39°04.6'	46°14.3'	72°02.4'	87°41.1'	53°35.8'	52°45.1'
14	38°28.6'	45°37.8'	71°25.6'	87°09.4'	53°19.4'	52°31.8'
15	37°52.5'	45°01.4'	70°48.8'	86°37.8'	53°03.2'	52°18.8'
16	37°16.6'	44°25.0'	70°12.1'	86°06.3'	52°47.2'	52°06.1'
17	36°40.7'	43°48.7'	69°35.4'	85°34.7'	52°31.5'	51°53.7'
18	36°04.9'	43°12.4'	68°58.8'	85°03.3'	52°16.1'	51°41.5'
19	35°29.1'	42°36.1'	68°22.2'	84°31.8'	52°01.0'	51°29.7'
20	34°53.4'	41°59.9'	67°45.6'	84°00.4'	51°46.1'	51°18.1'
21	34°17.8'	41°23.7'	67°09.1'	83°29.1'	51°31.5'	51°06.8'
22	33°42.2'	40°47.6'	66°32.7'	82°57.8'	51°17.1'	50°55.9'
23	33°06.7'	40°11.5'	65°56.2'	82°26.5'	51°03.1'	50°45.2'