

Mon Apr 1, 2019 UTC

UTC	-Sun Lunar Dist.	+Saturn Lunar Dist.	-Venus Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	+Spica Lunar Dist.	+Arcturus Lunar Dist.
0	48°18.3'	32°60.0'	13°35.7'	58°35.0'	72°33.5'	118°27.6'	115°20.1'
1	47°51.4'	33°29.4'	13°09.7'	59°04.4'	73°02.7'	118°56.8'	115°46.0'
2	47°24.5'	33°58.8'	12°43.7'	59°33.9'	73°32.0'	119°26.1'	116°11.9'
3	46°57.7'	34°28.2'	12°17.8'	60°03.3'	74°01.2'	119°55.3'	116°37.7'
4	46°30.8'	34°57.6'	11°51.8'	60°32.8'	74°30.4'	120°24.6'	117°03.6'
5	46°03.9'	35°27.1'	11°26.0'	61°02.2'	74°59.6'	120°53.8'	117°29.3'
6	45°37.0'	35°56.5'	11°00.1'	61°31.7'	75°28.9'	121°23.0'	117°55.1'
7	45°10.2'	36°25.9'	10°34.4'	62°01.1'	75°58.1'	121°52.3'	118°20.8'
8	44°43.3'	36°55.4'	10°08.6'	62°30.6'	76°27.4'	122°21.5'	118°46.6'
9	44°16.4'	37°24.8'	9°43.0'	63°00.1'	76°56.6'	122°50.8'	119°12.2'
10	43°49.5'	37°54.3'	9°17.4'	63°29.5'	77°25.9'	123°20.0'	119°37.9'
11	43°22.7'	38°23.7'	8°51.9'	63°59.0'	77°55.1'	123°49.2'	120°03.5'
12	42°55.8'	38°53.2'	8°26.6'	64°28.5'	78°24.4'	124°18.5'	120°29.1'
13	42°28.9'	39°22.7'	8°01.3'	64°58.0'	78°53.7'	124°47.7'	120°54.6'
14	42°02.0'	39°52.1'	7°36.2'	65°27.5'	79°23.0'	125°17.0'	121°20.1'
15	41°35.1'	40°21.6'	7°11.2'	65°57.0'	79°52.3'	125°46.2'	121°45.6'
16	41°08.2'	40°51.1'	6°46.5'	66°26.5'	80°21.6'	126°15.5'	122°11.1'
17	40°41.3'	41°20.6'	6°22.0'	66°56.0'	80°50.9'	126°44.7'	122°36.5'
18	40°14.5'	41°50.1'	5°57.8'	67°25.5'	81°20.2'	127°14.0'	123°01.8'
19	39°47.6'	42°19.6'	5°33.9'	67°55.1'	81°49.5'	127°43.3'	123°27.2'
20	39°20.7'	42°49.1'	5°10.5'	68°24.6'	82°18.9'	128°12.5'	123°52.4'
21	38°53.8'	43°18.7'	4°47.6'	68°54.2'	82°48.2'	128°41.8'	124°17.7'
22	38°26.8'	43°48.2'	-	69°23.7'	83°17.6'	129°11.1'	124°42.9'
23	37°59.9'	44°17.7'	-	69°53.3'	83°46.9'	129°40.3'	125°08.1'

Tue Apr 2, 2019 UTC

UTC	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	+Altair Lunar Dist.	+Rigil Kentaurus Lunar Dist.	+Hadar Lunar Dist.
0	44°47.3'	70°22.9'	84°16.3'	45°05.0'	91°18.1'	95°10.4'
1	45°16.8'	70°52.5'	84°45.7'	45°26.1'	91°38.4'	95°30.0'
2	45°46.4'	71°22.0'	85°15.0'	45°47.3'	91°58.8'	95°49.5'
3	46°16.0'	71°51.6'	85°44.4'	46°08.7'	92°19.2'	96°09.1'
4	46°45.6'	72°21.3'	86°13.8'	46°30.2'	92°39.6'	96°28.7'
5	47°15.1'	72°50.9'	86°43.2'	46°51.9'	92°60.0'	96°48.2'
6	47°44.7'	73°20.5'	87°12.7'	47°13.6'	93°20.4'	97°07.8'
7	48°14.4'	73°50.2'	87°42.1'	47°35.5'	93°40.8'	97°27.3'
8	48°44.0'	74°19.8'	88°11.5'	47°57.4'	94°01.1'	97°46.8'
9	49°13.6'	74°49.5'	88°41.0'	48°19.5'	94°21.5'	98°06.3'
10	49°43.3'	75°19.1'	89°10.4'	48°41.7'	94°41.9'	98°25.8'
11	50°12.9'	75°48.8'	89°39.9'	49°04.0'	95°02.3'	98°45.2'
12	50°42.6'	76°18.5'	90°09.4'	49°26.4'	95°22.6'	99°04.7'
13	51°12.2'	76°48.2'	90°38.9'	49°48.9'	95°43.0'	99°24.1'
14	51°41.9'	77°17.9'	91°08.4'	50°11.5'	96°03.4'	99°43.6'
15	52°11.6'	77°47.7'	91°37.9'	50°34.3'	96°23.7'	100°03.0'
16	52°41.3'	78°17.4'	92°07.4'	50°57.1'	96°44.1'	100°22.3'
17	53°11.1'	78°47.1'	92°37.0'	51°20.0'	97°04.4'	100°41.7'
18	53°40.8'	79°16.9'	93°06.5'	51°43.0'	97°24.7'	101°01.1'
19	54°10.5'	79°46.7'	93°36.1'	52°06.1'	97°45.1'	101°20.4'
20	54°40.3'	80°16.5'	94°05.6'	52°29.2'	98°05.4'	101°39.7'
21	55°10.1'	80°46.3'	94°35.2'	52°52.5'	98°25.7'	101°59.0'
22	55°39.8'	81°16.1'	95°04.8'	53°15.8'	98°45.9'	102°18.2'
23	56°09.6'	81°45.9'	95°34.4'	53°39.3'	99°06.2'	102°37.4'

Wed Apr 3, 2019 UTC

UTC	+Venus Lunar Dist.	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	+Altair Lunar Dist.	+Formalhaut Lunar Dist.
0	8°22.0'	56°39.4'	82°15.7'	96°04.1'	54°02.8'	20°54.0'
1	8°47.7'	57°09.2'	82°45.6'	96°33.7'	54°26.4'	21°09.6'
2	9°13.6'	57°39.1'	83°15.5'	97°03.3'	54°50.1'	21°25.8'
3	9°39.5'	58°08.9'	83°45.3'	97°33.0'	55°13.8'	21°42.4'
4	10°05.5'	58°38.8'	84°15.2'	98°02.7'	55°37.7'	21°59.4'
5	10°31.6'	59°08.7'	84°45.1'	98°32.3'	56°01.6'	22°16.9'
6	10°57.8'	59°38.5'	85°15.1'	99°02.0'	56°25.6'	22°34.8'
7	11°24.1'	60°08.4'	85°45.0'	99°31.7'	56°49.6'	22°53.2'
8	11°50.4'	60°38.4'	86°14.9'	100°01.5'	57°13.8'	23°11.9'
9	12°16.8'	61°08.3'	86°44.9'	100°31.2'	57°38.0'	23°31.0'
10	12°43.3'	61°38.2'	87°14.9'	101°00.9'	58°02.3'	23°50.4'
11	13°09.8'	62°08.2'	87°44.9'	101°30.7'	58°26.6'	24°10.2'
12	13°36.3'	62°38.2'	88°14.9'	102°00.5'	58°51.0'	24°30.4'
13	14°02.9'	63°08.1'	88°44.9'	102°30.2'	59°15.5'	24°50.9'
14	14°29.6'	63°38.1'	89°14.9'	103°00.0'	59°40.0'	25°11.7'
15	14°56.3'	64°08.2'	89°45.0'	103°29.9'	60°04.6'	25°32.7'
16	15°23.0'	64°38.2'	90°15.0'	103°59.7'	60°29.3'	25°54.1'
17	15°49.7'	65°08.2'	90°45.1'	104°29.5'	60°54.0'	26°15.8'
18	16°16.5'	65°38.3'	91°15.2'	104°59.4'	61°18.8'	26°37.7'
19	16°43.4'	66°08.4'	91°45.3'	105°29.2'	61°43.6'	26°59.9'
20	17°10.2'	66°38.5'	92°15.5'	105°59.1'	62°08.5'	27°22.3'
21	17°37.1'	67°08.6'	92°45.6'	106°29.0'	62°33.5'	27°45.0'
22	18°04.0'	67°38.7'	93°15.8'	106°58.9'	62°58.5'	28°07.9'
23	18°31.0'	68°08.8'	93°46.0'	107°28.8'	63°23.6'	28°31.0'

Thu Apr 4, 2019 UTC

UTC	+Venus Lunar Dist.	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Formalhaut Lunar Dist.	+Antares Lunar Dist.	+Altair Lunar Dist.
0	18°58.0'	68°39.0'	94°16.1'	28°54.3'	107°58.8'	63°48.7'
1	19°25.0'	69°09.2'	94°46.4'	29°17.9'	108°28.7'	64°13.9'
2	19°52.0'	69°39.4'	95°16.6'	29°41.6'	108°58.7'	64°39.1'
3	20°19.1'	70°09.6'	95°46.8'	30°05.5'	109°28.7'	65°04.4'
4	20°46.2'	70°39.8'	96°17.1'	30°29.6'	109°58.7'	65°29.7'
5	21°13.3'	71°10.0'	96°47.4'	30°53.9'	110°28.7'	65°55.1'
6	21°40.4'	71°40.3'	97°17.7'	31°18.4'	110°58.7'	66°20.6'
7	22°07.6'	72°10.5'	97°48.0'	31°43.0'	111°28.7'	66°46.0'
8	22°34.7'	72°40.8'	98°18.3'	32°07.8'	111°58.8'	67°11.6'
9	23°02.0'	73°11.1'	98°48.6'	32°32.8'	112°28.9'	67°37.2'
10	23°29.2'	73°41.5'	99°19.0'	32°57.9'	112°58.9'	68°02.8'
11	23°56.4'	74°11.8'	99°49.4'	33°23.1'	113°29.0'	68°28.5'
12	24°23.7'	74°42.2'	100°19.8'	33°48.5'	113°59.1'	68°54.2'
13	24°51.0'	75°12.5'	100°50.2'	34°14.0'	114°29.3'	69°19.9'
14	25°18.3'	75°42.9'	101°20.6'	34°39.7'	114°59.4'	69°45.7'
15	25°45.7'	76°13.3'	101°51.1'	35°05.4'	115°29.5'	70°11.6'
16	26°13.0'	76°43.8'	102°21.5'	35°31.3'	115°59.7'	70°37.5'
17	26°40.4'	77°14.2'	102°52.0'	35°57.4'	116°29.9'	71°03.4'
18	27°07.8'	77°44.7'	103°22.5'	36°23.5'	117°00.1'	71°29.4'
19	27°35.3'	78°15.2'	103°53.0'	36°49.8'	117°30.3'	71°55.4'
20	28°02.7'	78°45.7'	104°23.6'	37°16.1'	118°00.5'	72°21.4'
21	28°30.2'	79°16.2'	104°54.1'	37°42.6'	118°30.7'	72°47.5'
22	28°57.7'	79°46.7'	105°24.7'	38°09.2'	119°01.0'	73°13.6'
23	29°25.2'	80°17.3'	105°55.3'	38°35.9'	119°31.3'	73°39.8'

Sun Apr 7, 2019 UTC

UTC	—Aldebaran Lunar Dist.	—Mars Lunar Dist.	—Betelgeuse Lunar Dist.	—Pollux Lunar Dist.	—Procyon Lunar Dist.	—Capella Lunar Dist.
0	34°10.2'	29°16.2'	53°24.6'	78°26.8'	79°21.5'	53°06.2'
1	33°38.6'	28°46.7'	52°54.4'	77°55.3'	78°51.1'	52°39.5'
2	33°07.1'	28°17.1'	52°24.3'	77°23.9'	78°20.8'	52°12.9'
3	32°35.5'	27°47.5'	51°54.1'	76°52.5'	77°50.5'	51°46.3'
4	32°03.9'	27°18.0'	51°24.0'	76°21.0'	77°20.1'	51°19.7'
5	31°32.2'	26°48.4'	50°53.8'	75°49.5'	76°49.7'	50°53.2'
6	31°00.6'	26°18.8'	50°23.7'	75°18.0'	76°19.4'	50°26.8'
7	30°28.9'	25°49.2'	49°53.5'	74°46.5'	75°49.0'	50°00.4'
8	29°57.2'	25°19.6'	49°23.4'	74°14.9'	75°18.6'	49°34.1'
9	29°25.5'	24°50.0'	48°53.3'	73°43.4'	74°48.1'	49°07.9'
10	28°53.8'	24°20.4'	48°23.2'	73°11.8'	74°17.7'	48°41.7'
11	28°22.0'	23°50.8'	47°53.1'	72°40.2'	73°47.2'	48°15.5'
12	27°50.3'	23°21.3'	47°23.0'	72°08.6'	73°16.8'	47°49.5'
13	27°18.5'	22°51.7'	46°52.9'	71°36.9'	72°46.3'	47°23.5'
14	26°46.7'	22°22.1'	46°22.8'	71°05.3'	72°15.8'	46°57.6'
15	26°14.9'	21°52.5'	45°52.7'	70°33.6'	71°45.3'	46°31.8'
16	25°43.1'	21°23.0'	45°22.7'	70°01.9'	71°14.8'	46°06.0'
17	25°11.2'	20°53.4'	44°52.6'	69°30.2'	70°44.3'	45°40.3'
18	24°39.4'	20°23.9'	44°22.6'	68°58.4'	70°13.8'	45°14.8'
19	24°07.5'	19°54.4'	43°52.6'	68°26.7'	69°43.2'	44°49.3'
20	23°35.6'	19°24.9'	43°22.6'	67°54.9'	69°12.7'	44°23.9'
21	23°03.7'	18°55.4'	42°52.6'	67°23.1'	68°42.1'	43°58.6'
22	22°31.8'	18°26.0'	42°22.7'	66°51.3'	68°11.5'	43°33.4'
23	21°59.8'	17°56.5'	41°52.7'	66°19.4'	67°40.9'	43°08.3'

Mon Apr 8, 2019 UTC

UTC	—Aldebaran Lunar Dist.	—Mars Lunar Dist.	—Betelgeuse Lunar Dist.	—Pollux Lunar Dist.	—Procyon Lunar Dist.	—Regulus Lunar Dist.
0	21°27.9'	17°27.2'	41°22.8'	65°47.6'	67°10.3'	101°34.4'
1	20°55.9'	16°57.8'	40°53.0'	65°15.7'	66°39.8'	101°02.3'
2	20°24.0'	16°28.5'	40°23.1'	64°43.8'	66°09.1'	100°30.2'
3	19°52.0'	15°59.3'	39°53.3'	64°11.9'	65°38.5'	99°58.0'
4	19°20.0'	15°30.1'	39°23.5'	63°40.0'	65°07.9'	99°25.9'
5	18°48.0'	15°01.0'	38°53.8'	63°08.0'	64°37.3'	98°53.7'
6	18°15.9'	14°32.0'	38°24.0'	62°36.1'	64°06.6'	98°21.5'
7	17°43.9'	14°03.0'	37°54.4'	62°04.1'	63°36.0'	97°49.3'
8	17°11.9'	13°34.2'	37°24.7'	61°32.1'	63°05.4'	97°17.0'
9	16°39.8'	13°05.4'	36°55.1'	61°00.1'	62°34.7'	96°44.8'
10	16°07.8'	12°36.8'	36°25.6'	60°28.0'	62°04.1'	96°12.5'
11	15°35.7'	12°08.3'	35°56.1'	59°56.0'	61°33.4'	95°40.2'
12	15°03.7'	11°40.0'	35°26.6'	59°23.9'	61°02.7'	95°07.9'
13	14°31.6'	11°11.9'	34°57.2'	58°51.8'	60°32.1'	94°35.5'
14	13°59.6'	10°44.0'	34°27.9'	58°19.7'	60°01.4'	94°03.1'
15	13°27.5'	10°16.4'	33°58.6'	57°47.5'	59°30.7'	93°30.7'
16	12°55.5'	9°49.0'	33°29.4'	57°15.4'	59°00.1'	92°58.3'
17	12°23.5'	9°22.0'	33°00.3'	56°43.2'	58°29.4'	92°25.9'
18	11°51.5'	8°55.3'	32°31.2'	56°11.0'	57°58.7'	91°53.4'
19	11°19.5'	8°29.1'	32°02.2'	55°38.8'	57°28.0'	91°20.9'
20	10°47.6'	8°03.5'	31°33.3'	55°06.6'	56°57.4'	90°48.4'
21	10°15.6'	7°38.4'	31°04.5'	54°34.4'	56°26.7'	90°15.9'
22	9°43.8'	—	30°35.8'	54°02.1'	55°56.0'	89°43.4'
23	9°12.0'	—	30°07.1'	53°29.8'	55°25.4'	89°10.8'

Tue Apr 9, 2019 UTC

UTC	+Sun Lunar Dist.	−Aldebaran Lunar Dist.	−Pollux Lunar Dist.	−Betelgeuse Lunar Dist.	−Procyon Lunar Dist.	−Regulus Lunar Dist.
0	42°46.6′	8°40.3′	52°57.5′	29°38.6′	54°54.7′	88°38.2′
1	43°16.6′	8°08.7′	52°25.2′	29°10.2′	54°24.0′	88°05.6′
2	43°46.5′	7°37.2′	51°52.9′	28°41.9′	53°53.4′	87°33.0′
3	44°16.5′	7°05.8′	51°20.6′	28°13.7′	53°22.7′	87°00.3′
4	44°46.5′	6°34.7′	50°48.2′	27°45.7′	52°52.1′	86°27.6′
5	45°16.6′	6°03.8′	50°15.8′	27°17.8′	52°21.5′	85°54.9′
6	45°46.6′	5°33.3′	49°43.4′	26°50.1′	51°50.9′	85°22.2′
7	46°16.7′	5°03.1′	49°11.0′	26°22.5′	51°20.3′	84°49.4′
8	46°46.8′	–	48°38.6′	25°55.1′	50°49.7′	84°16.7′
9	47°17.0′	–	48°06.1′	25°27.8′	50°19.1′	83°43.9′
10	47°47.2′	–	47°33.7′	25°00.8′	49°48.5′	83°11.1′
11	48°17.3′	–	47°01.2′	24°33.9′	49°17.9′	82°38.2′
12	48°47.6′	–	46°28.7′	24°07.3′	48°47.4′	82°05.4′
13	49°17.8′	–	45°56.2′	23°40.9′	48°16.9′	81°32.5′
14	49°48.1′	–	45°23.7′	23°14.7′	47°46.4′	80°59.6′
15	50°18.4′	–	44°51.1′	22°48.8′	47°15.9′	80°26.6′
16	50°48.7′	–	44°18.6′	22°23.2′	46°45.4′	79°53.7′
17	51°19.1′	–	43°46.0′	21°57.9′	46°15.0′	79°20.7′
18	51°49.4′	–	43°13.5′	21°32.8′	45°44.6′	78°47.7′
19	52°19.8′	–	42°40.9′	21°08.2′	45°14.2′	78°14.7′
20	52°50.3′	–	42°08.3′	20°43.8′	44°43.8′	77°41.7′
21	53°20.7′	–	41°35.6′	20°19.9′	44°13.5′	77°08.6′
22	53°51.2′	–	41°03.0′	19°56.3′	43°43.2′	76°35.5′
23	54°21.7′	–	40°30.4′	19°33.2′	43°12.9′	76°02.4′

Wed Apr 10, 2019 UTC

UTC	+Sun Lunar Dist.	+Aldebaran Lunar Dist.	−Pollux Lunar Dist.	+Mars Lunar Dist.	−Procyon Lunar Dist.	−Regulus Lunar Dist.	−Betelgeuse Lunar Dist.
0	54°52.2′	5°11.1′	39°57.7′	9°09.4′	42°42.7′	75°29.3′	19°10.5′
1	55°22.8′	5°41.7′	39°25.1′	9°36.9′	42°12.5′	74°56.1′	18°48.3′
2	55°53.4′	6°12.8′	38°52.4′	10°04.8′	41°42.4′	74°22.9′	18°26.6′
3	56°24.0′	6°44.3′	38°19.7′	10°33.1′	41°12.3′	73°49.7′	18°05.5′
4	56°54.6′	7°16.0′	37°47.0′	11°01.7′	40°42.2′	73°16.5′	17°45.0′
5	57°25.3′	7°48.0′	37°14.3′	11°30.5′	40°12.2′	72°43.2′	17°25.0′
6	57°56.0′	8°20.2′	36°41.6′	11°59.7′	39°42.2′	72°09.9′	17°05.8′
7	58°26.7′	8°52.5′	36°08.9′	12°29.0′	39°12.3′	71°36.6′	16°47.2′
8	58°57.4′	9°25.0′	35°36.1′	12°58.6′	38°42.5′	71°03.3′	16°29.4′
9	59°28.2′	9°57.6′	35°03.4′	13°28.3′	38°12.7′	70°30.0′	–
10	59°59.0′	10°30.3′	34°30.7′	13°58.2′	37°42.9′	69°56.6′	–
11	60°29.8′	11°03.1′	33°57.9′	14°28.3′	37°13.3′	69°23.2′	–
12	61°00.6′	11°35.9′	33°25.2′	14°58.4′	36°43.7′	68°49.8′	–
13	61°31.5′	12°08.9′	32°52.4′	15°28.8′	36°14.2′	68°16.3′	–
14	62°02.4′	12°41.9′	32°19.7′	15°59.2′	35°44.7′	67°42.9′	–
15	62°33.3′	13°15.0′	31°46.9′	16°29.8′	35°15.4′	67°09.4′	–
16	63°04.2′	13°48.1′	31°14.2′	17°00.4′	34°46.1′	66°35.9′	–
17	63°35.2′	14°21.3′	30°41.4′	17°31.2′	34°17.0′	66°02.3′	–
18	64°06.2′	14°54.6′	30°08.7′	18°02.0′	33°47.9′	65°28.8′	–
19	64°37.2′	15°27.9′	29°35.9′	18°32.9′	33°18.9′	64°55.2′	–
20	65°08.2′	16°01.3′	29°03.2′	19°03.9′	32°50.1′	64°21.6′	–
21	65°39.3′	16°34.7′	28°30.5′	19°35.0′	32°21.3′	63°47.9′	–
22	66°10.4′	17°08.1′	27°57.8′	20°06.2′	31°52.7′	63°14.3′	–
23	66°41.5′	17°41.6′	27°25.1′	20°37.4′	31°24.2′	62°40.6′	–

Thu Apr 11, 2019 UTC

UTC	+Sun Lunar Dist.	+Aldebaran Lunar Dist.	-Pollux Lunar Dist.	+Mars Lunar Dist.	-Regulus Lunar Dist.	-Procyon Lunar Dist.	-Spica Lunar Dist.
0	67°12.7'	18°15.1'	26°52.4'	21°08.7'	62°06.9'	30°55.9'	115°58.3'
1	67°43.9'	18°48.6'	26°19.7'	21°40.0'	61°33.1'	30°27.7'	115°24.8'
2	68°15.1'	19°22.2'	25°47.0'	22°11.5'	60°59.4'	29°59.6'	114°51.3'
3	68°46.3'	19°55.9'	25°14.4'	22°42.9'	60°25.6'	29°31.7'	114°17.8'
4	69°17.5'	20°29.5'	24°41.8'	23°14.4'	59°51.8'	29°04.0'	113°44.3'
5	69°48.8'	21°03.2'	24°09.2'	23°46.0'	59°18.0'	28°36.4'	113°10.7'
6	70°20.1'	21°37.0'	23°36.7'	24°17.7'	58°44.1'	28°09.1'	112°37.1'
7	70°51.4'	22°10.7'	23°04.2'	24°49.3'	58°10.2'	27°41.9'	112°03.5'
8	71°22.8'	22°44.5'	22°31.8'	25°21.1'	57°36.3'	27°15.0'	111°29.8'
9	71°54.2'	23°18.4'	21°59.3'	25°52.8'	57°02.4'	26°48.3'	110°56.1'
10	72°25.6'	23°52.2'	21°27.0'	26°24.7'	56°28.4'	26°21.8'	110°22.4'
11	72°57.0'	24°26.1'	20°54.7'	26°56.5'	55°54.5'	25°55.6'	109°48.7'
12	73°28.5'	25°00.1'	20°22.4'	27°28.4'	55°20.4'	25°29.6'	109°14.9'
13	73°60.0'	25°34.0'	19°50.3'	28°00.4'	54°46.4'	25°03.9'	108°41.1'
14	74°31.5'	26°08.0'	19°18.2'	28°32.4'	54°12.4'	24°38.6'	108°07.3'
15	75°03.0'	26°42.0'	18°46.2'	29°04.4'	53°38.3'	24°13.5'	107°33.5'
16	75°34.6'	27°16.1'	18°14.3'	29°36.5'	53°04.2'	23°48.8'	106°59.6'
17	76°06.2'	27°50.2'	17°42.6'	30°08.6'	52°30.1'	23°24.4'	106°25.7'
18	76°37.8'	28°24.3'	17°10.9'	30°40.8'	51°55.9'	23°00.4'	105°51.8'
19	77°09.5'	28°58.4'	16°39.4'	31°13.0'	51°21.7'	22°36.8'	105°17.8'
20	77°41.1'	29°32.6'	16°08.0'	31°45.2'	50°47.5'	22°13.6'	104°43.8'
21	78°12.8'	30°06.8'	15°36.9'	32°17.5'	50°13.3'	21°50.9'	104°09.8'
22	78°44.5'	30°41.0'	15°05.9'	32°49.8'	49°39.0'	21°28.6'	103°35.8'
23	79°16.3'	31°15.2'	14°35.1'	33°22.1'	49°04.8'	21°06.9'	103°01.7'

Fri Apr 12, 2019 UTC

UTC	+Sun Lunar Dist.	+Aldebaran Lunar Dist.	-Regulus Lunar Dist.	+Mars Lunar Dist.	-Pollux Lunar Dist.	-Spica Lunar Dist.	+Betelgeuse Lunar Dist.
0	79°48.1'	31°49.5'	48°30.5'	33°54.5'	14°04.6'	102°27.6'	19°33.4'
1	80°19.9'	32°23.8'	47°56.1'	34°26.9'	13°34.4'	101°53.5'	19°57.4'
2	80°51.7'	32°58.2'	47°21.8'	34°59.4'	13°04.4'	101°19.4'	20°21.9'
3	81°23.6'	33°32.6'	46°47.4'	35°31.8'	12°34.9'	100°45.2'	20°46.9'
4	81°55.4'	34°07.0'	46°13.0'	36°04.4'	12°05.7'	100°11.0'	21°12.3'
5	82°27.3'	34°41.4'	45°38.6'	36°36.9'	11°37.0'	99°36.8'	21°38.1'
6	82°59.3'	35°15.8'	45°04.1'	37°09.5'	11°08.8'	99°02.5'	22°04.4'
7	83°31.2'	35°50.3'	44°29.6'	37°42.1'	10°41.1'	98°28.3'	22°31.0'
8	84°03.2'	36°24.8'	43°55.1'	38°14.8'	10°14.2'	97°54.0'	22°57.9'
9	84°35.2'	36°59.4'	43°20.6'	38°47.5'	-	97°19.6'	23°25.2'
10	85°07.3'	37°33.9'	42°46.1'	39°20.2'	-	96°45.3'	23°52.8'
11	85°39.4'	38°08.5'	42°11.5'	39°52.9'	-	96°10.9'	24°20.8'
12	86°11.5'	38°43.1'	41°36.9'	40°25.7'	-	95°36.5'	24°49.0'
13	86°43.6'	39°17.8'	41°02.3'	40°58.5'	-	95°02.0'	25°17.5'
14	87°15.7'	39°52.5'	40°27.6'	41°31.4'	-	94°27.6'	25°46.2'
15	87°47.9'	40°27.2'	39°53.0'	42°04.2'	-	93°53.1'	26°15.2'
16	88°20.1'	41°01.9'	39°18.3'	42°37.2'	-	93°18.5'	26°44.4'
17	88°52.3'	41°36.7'	38°43.5'	43°10.1'	-	92°44.0'	27°13.9'
18	89°24.6'	42°11.5'	38°08.8'	43°43.1'	-	92°09.4'	27°43.5'
19	89°56.8'	42°46.3'	37°34.0'	44°16.1'	-	91°34.8'	28°13.4'
20	90°29.1'	43°21.1'	36°59.3'	44°49.1'	-	91°00.2'	28°43.4'
21	91°01.5'	43°56.0'	36°24.4'	45°22.2'	-	90°25.6'	29°13.7'
22	91°33.8'	44°30.9'	35°49.6'	45°55.2'	-	89°50.9'	29°44.1'
23	92°06.2'	45°05.8'	35°14.7'	46°28.4'	-	89°16.2'	30°14.7'

## Sat Apr 13, 2019 UTC

UTC	+Sun Lunar Dist.	-Regulus Lunar Dist.	+Aldebaran Lunar Dist.	+Mars Lunar Dist.	+Betelgeuse Lunar Dist.	-Spica Lunar Dist.	-Arcturus Lunar Dist.
0	92°38.6'	34°39.9'	45°40.7'	47°01.5'	30°45.5'	88°41.5'	89°03.0'
1	93°11.1'	34°05.0'	46°15.7'	47°34.7'	31°16.4'	88°06.7'	88°31.5'
2	93°43.5'	33°30.0'	46°50.7'	48°07.9'	31°47.5'	87°31.9'	87°59.9'
3	94°16.0'	32°55.1'	47°25.7'	48°41.1'	32°18.7'	86°57.1'	87°28.3'
4	94°48.5'	32°20.1'	48°00.8'	49°14.4'	32°50.0'	86°22.3'	86°56.7'
5	95°21.1'	31°45.1'	48°35.9'	49°47.7'	33°21.5'	85°47.4'	86°25.0'
6	95°53.6'	31°10.1'	49°11.0'	50°21.0'	33°53.1'	85°12.6'	85°53.4'
7	96°26.2'	30°35.1'	49°46.1'	50°54.4'	34°24.9'	84°37.7'	85°21.7'
8	96°58.8'	30°00.0'	50°21.3'	51°27.8'	34°56.7'	84°02.7'	84°50.0'
9	97°31.5'	29°24.9'	50°56.5'	52°01.2'	35°28.7'	83°27.8'	84°18.3'
10	98°04.1'	28°49.8'	51°31.7'	52°34.6'	36°00.8'	82°52.8'	83°46.5'
11	98°36.8'	28°14.7'	52°06.9'	53°08.1'	36°33.0'	82°17.8'	83°14.8'
12	99°09.5'	27°39.6'	52°42.2'	53°41.6'	37°05.3'	81°42.8'	82°43.0'
13	99°42.3'	27°04.4'	53°17.5'	54°15.1'	37°37.7'	81°07.7'	82°11.3'
14	100°15.0'	26°29.3'	53°52.8'	54°48.7'	38°10.2'	80°32.6'	81°39.5'
15	100°47.8'	25°54.1'	54°28.2'	55°22.3'	38°42.8'	79°57.5'	81°07.7'
16	101°20.6'	25°18.9'	55°03.5'	55°55.9'	39°15.5'	79°22.4'	80°35.9'
17	101°53.5'	24°43.7'	55°38.9'	56°29.5'	39°48.2'	78°47.2'	80°04.1'
18	102°26.3'	24°08.4'	56°14.4'	57°03.2'	40°21.1'	78°12.1'	79°32.2'
19	102°59.2'	23°33.2'	56°49.8'	57°36.8'	40°54.0'	77°36.9'	79°00.4'
20	103°32.1'	22°57.9'	57°25.3'	58°10.6'	41°27.0'	77°01.7'	78°28.5'
21	104°05.1'	22°22.6'	58°00.8'	58°44.3'	42°00.1'	76°26.4'	77°56.7'
22	104°38.0'	21°47.3'	58°36.3'	59°18.1'	42°33.3'	75°51.1'	77°24.8'
23	105°11.0'	21°12.0'	59°11.8'	59°51.9'	43°06.6'	75°15.9'	76°53.0'

## Sun Apr 14, 2019 UTC

UTC	+Sun Lunar Dist.	-Regulus Lunar Dist.	+Pollux Lunar Dist.	+Aldebaran Lunar Dist.	+Betelgeuse Lunar Dist.	-Spica Lunar Dist.	+Mars Lunar Dist.
0	105°44.0'	20°36.7'	16°47.8'	59°47.4'	43°39.9'	74°40.5'	60°25.7'
1	106°17.0'	20°01.4'	17°20.7'	60°23.0'	44°13.3'	74°05.2'	60°59.5'
2	106°50.1'	19°26.1'	17°53.7'	60°58.6'	44°46.7'	73°29.9'	61°33.4'
3	107°23.2'	18°50.8'	18°26.9'	61°34.3'	45°20.3'	72°54.5'	62°07.3'
4	107°56.3'	18°15.5'	19°00.3'	62°10.0'	45°53.9'	72°19.1'	62°41.2'
5	108°29.4'	17°40.1'	19°33.9'	62°45.6'	46°27.5'	71°43.7'	63°15.2'
6	109°02.5'	17°04.8'	20°07.5'	63°21.4'	47°01.2'	71°08.2'	63°49.1'
7	109°35.7'	16°29.5'	20°41.4'	63°57.1'	47°35.0'	70°32.7'	64°23.1'
8	110°08.9'	15°54.2'	21°15.3'	64°32.9'	48°08.8'	69°57.3'	64°57.2'
9	110°42.1'	15°18.9'	21°49.3'	65°08.7'	48°42.7'	69°21.8'	65°31.2'
10	111°15.3'	14°43.6'	22°23.5'	65°44.5'	49°16.7'	68°46.2'	66°05.3'
11	111°48.6'	14°08.4'	22°57.8'	66°20.3'	49°50.7'	68°10.7'	66°39.4'
12	112°21.9'	13°33.2'	23°32.1'	66°56.2'	50°24.7'	67°35.1'	67°13.5'
13	112°55.2'	12°58.0'	24°06.6'	67°32.0'	50°58.8'	66°59.5'	67°47.6'
14	113°28.5'	12°22.9'	24°41.1'	68°07.9'	51°33.0'	66°23.9'	68°21.8'
15	114°01.8'	11°47.8'	25°15.7'	68°43.9'	52°07.2'	65°48.3'	68°56.0'
16	114°35.2'	11°12.8'	25°50.4'	69°19.8'	52°41.4'	65°12.7'	69°30.2'
17	115°08.6'	10°37.9'	26°25.2'	69°55.8'	53°15.7'	64°37.0'	70°04.4'
18	115°42.0'	10°03.1'	27°00.1'	70°31.8'	53°50.1'	64°01.3'	70°38.7'
19	116°15.4'	9°28.4'	27°35.0'	71°07.8'	54°24.5'	63°25.7'	71°12.9'
20	116°48.8'	8°53.9'	28°09.9'	71°43.8'	54°58.9'	62°49.9'	71°47.2'
21	117°22.3'	8°19.6'	28°45.0'	72°19.8'	55°33.4'	62°14.2'	72°21.6'
22	117°55.8'	7°45.5'	29°20.1'	72°55.9'	56°07.9'	61°38.5'	72°55.9'
23	118°29.2'	7°11.7'	29°55.2'	73°32.0'	56°42.5'	61°02.7'	73°30.3'

Mon Apr 15, 2019 UTC

UTC	+Sun Lunar Dist.	-Regulus Lunar Dist.	+Pollux Lunar Dist.	-Spica Lunar Dist.	+Betelgeuse Lunar Dist.	+Aldebaran Lunar Dist.	+Procyon Lunar Dist.
0	119°02.8'	6°38.3'	30°30.4'	60°26.9'	57°17.1'	74°08.1'	33°12.7'
1	119°36.3'	6°05.4'	31°05.7'	59°51.1'	57°51.7'	74°44.2'	33°43.8'
2	120°09.8'	–	31°41.0'	59°15.3'	58°26.4'	75°20.4'	34°15.1'
3	120°43.4'	–	32°16.3'	58°39.5'	59°01.1'	75°56.6'	34°46.5'
4	121°17.0'	–	32°51.7'	58°03.7'	59°35.8'	76°32.8'	35°18.1'
5	121°50.6'	–	33°27.2'	57°27.8'	60°10.6'	77°09.0'	35°49.8'
6	122°24.2'	–	34°02.6'	56°52.0'	60°45.4'	77°45.2'	36°21.7'
7	122°57.8'	–	34°38.2'	56°16.1'	61°20.3'	78°21.4'	36°53.7'
8	123°31.5'	–	35°13.7'	55°40.2'	61°55.2'	78°57.7'	37°25.8'
9	124°05.1'	–	35°49.3'	55°04.3'	62°30.1'	79°34.0'	37°58.0'
10	124°38.8'	–	36°25.0'	54°28.4'	63°05.0'	80°10.3'	38°30.4'
11	125°12.5'	–	37°00.7'	53°52.5'	63°40.0'	80°46.6'	39°02.9'
12	125°46.2'	–	37°36.4'	53°16.6'	64°15.0'	81°22.9'	39°35.5'
13	126°19.9'	–	38°12.1'	52°40.7'	64°50.1'	81°59.3'	40°08.2'
14	126°53.6'	–	38°47.9'	52°04.7'	65°25.1'	82°35.6'	40°41.0'
15	127°27.4'	–	39°23.7'	51°28.8'	66°00.2'	83°12.0'	41°13.8'
16	128°01.1'	–	39°59.5'	50°52.8'	66°35.4'	83°48.4'	41°46.8'
17	128°34.9'	–	40°35.4'	50°16.8'	67°10.5'	84°24.8'	42°19.9'
18	129°08.7'	–	41°11.3'	49°40.9'	67°45.7'	85°01.2'	42°53.1'
19	129°42.5'	6°00.8'	41°47.2'	49°04.9'	68°20.9'	85°37.7'	43°26.3'
20	130°16.2'	6°33.9'	42°23.1'	48°28.9'	68°56.1'	86°14.1'	43°59.6'
21	130°50.1'	7°07.5'	42°59.1'	47°52.9'	69°31.3'	86°50.6'	44°33.0'
22	131°23.9'	7°41.6'	43°35.1'	47°16.9'	70°06.6'	87°27.0'	45°06.5'
23	131°57.7'	8°16.1'	44°11.1'	46°40.9'	70°41.9'	88°03.5'	45°40.0'

Tue Apr 16, 2019 UTC

UTC	+Regulus Lunar Dist.	+Pollux Lunar Dist.	-Spica Lunar Dist.	+Procyon Lunar Dist.	+Betelgeuse Lunar Dist.	+Aldebaran Lunar Dist.	-Antares Lunar Dist.
0	8°50.8'	44°47.2'	46°05.0'	46°13.7'	71°17.2'	88°40.0'	91°57.2'
1	9°25.8'	45°23.2'	45°29.0'	46°47.4'	71°52.5'	89°16.5'	91°21.0'
2	10°01.0'	45°59.3'	44°53.0'	47°21.1'	72°27.9'	89°53.1'	90°44.8'
3	10°36.3'	46°35.4'	44°17.0'	47°54.9'	73°03.2'	90°29.6'	90°08.6'
4	11°11.8'	47°11.6'	43°41.0'	48°28.8'	73°38.6'	91°06.2'	89°32.4'
5	11°47.3'	47°47.7'	43°05.0'	49°02.7'	74°14.0'	91°42.7'	88°56.2'
6	12°23.0'	48°23.9'	42°29.0'	49°36.7'	74°49.4'	92°19.3'	88°19.9'
7	12°58.8'	49°00.0'	41°53.0'	50°10.7'	75°24.9'	92°55.9'	87°43.7'
8	13°34.7'	49°36.2'	41°17.1'	50°44.8'	76°00.3'	93°32.4'	87°07.4'
9	14°10.6'	50°12.5'	40°41.1'	51°19.0'	76°35.8'	94°09.0'	86°31.1'
10	14°46.6'	50°48.7'	40°05.1'	51°53.2'	77°11.2'	94°45.6'	85°54.9'
11	15°22.7'	51°24.9'	39°29.2'	52°27.4'	77°46.7'	95°22.2'	85°18.6'
12	15°58.8'	52°01.2'	38°53.2'	53°01.7'	78°22.2'	95°58.9'	84°42.3'
13	16°34.9'	52°37.5'	38°17.3'	53°36.0'	78°57.7'	96°35.5'	84°06.0'
14	17°11.1'	53°13.7'	37°41.4'	54°10.4'	79°33.3'	97°12.1'	83°29.7'
15	17°47.4'	53°50.0'	37°05.5'	54°44.8'	80°08.8'	97°48.8'	82°53.4'
16	18°23.6'	54°26.3'	36°29.6'	55°19.2'	80°44.3'	98°25.4'	82°17.1'
17	18°59.9'	55°02.7'	35°53.7'	55°53.7'	81°19.9'	99°02.1'	81°40.7'
18	19°36.2'	55°39.0'	35°17.9'	56°28.2'	81°55.5'	99°38.7'	81°04.4'
19	20°12.6'	56°15.3'	34°42.1'	57°02.8'	82°31.0'	100°15.4'	80°28.1'
20	20°49.0'	56°51.7'	34°06.3'	57°37.4'	83°06.6'	100°52.0'	79°51.8'
21	21°25.3'	57°28.0'	33°30.5'	58°12.0'	83°42.2'	101°28.7'	79°15.4'
22	22°01.8'	58°04.4'	32°54.7'	58°46.6'	84°17.8'	102°05.4'	78°39.1'
23	22°38.2'	58°40.8'	32°19.0'	59°21.3'	84°53.3'	102°42.0'	78°02.8'

Wed Apr 17, 2019 UTC

UTC	+Regulus Lunar Dist.	−Spica Lunar Dist.	+Pollux Lunar Dist.	+Procyon Lunar Dist.	−Antares Lunar Dist.	−Jupiter Lunar Dist.	+Betelgeuse Lunar Dist.
0	23°14.6'	31°43.3'	59°17.1'	59°56.0'	77°26.4'	91°12.3'	85°28.9'
1	23°51.1'	31°07.6'	59°53.5'	60°30.7'	76°50.1'	90°35.6'	86°04.5'
2	24°27.5'	30°32.0'	60°29.9'	61°05.4'	76°13.8'	89°58.9'	86°40.1'
3	25°04.0'	29°56.4'	61°06.3'	61°40.2'	75°37.4'	89°22.1'	87°15.7'
4	25°40.5'	29°20.9'	61°42.7'	62°15.0'	75°01.1'	88°45.4'	87°51.3'
5	26°17.0'	28°45.4'	62°19.1'	62°49.8'	74°24.8'	88°08.6'	88°26.9'
6	26°53.5'	28°09.9'	62°55.5'	63°24.6'	73°48.5'	87°31.9'	89°02.6'
7	27°30.0'	27°34.5'	63°31.9'	63°59.5'	73°12.2'	86°55.2'	89°38.2'
8	28°06.5'	26°59.2'	64°08.3'	64°34.3'	72°35.8'	86°18.5'	90°13.8'
9	28°43.1'	26°23.9'	64°44.7'	65°09.2'	71°59.5'	85°41.7'	90°49.4'
10	29°19.6'	25°48.6'	65°21.1'	65°44.1'	71°23.2'	85°05.0'	91°24.9'
11	29°56.1'	25°13.5'	65°57.5'	66°19.0'	70°46.9'	84°28.3'	92°00.5'
12	30°32.6'	24°38.4'	66°33.9'	66°53.9'	70°10.6'	83°51.6'	92°36.1'
13	31°09.2'	24°03.4'	67°10.3'	67°28.8'	69°34.4'	83°14.8'	93°11.7'
14	31°45.7'	23°28.5'	67°46.7'	68°03.8'	68°58.1'	82°38.1'	93°47.3'
15	32°22.2'	22°53.6'	68°23.1'	68°38.7'	68°21.8'	82°01.4'	94°22.8'
16	32°58.7'	22°18.9'	68°59.5'	69°13.7'	67°45.6'	81°24.7'	94°58.4'
17	33°35.3'	21°44.3'	69°35.8'	69°48.7'	67°09.3'	80°48.0'	95°34.0'
18	34°11.8'	21°09.8'	70°12.2'	70°23.6'	66°33.1'	80°11.3'	96°09.5'
19	34°48.3'	20°35.4'	70°48.6'	70°58.6'	65°56.8'	79°34.7'	96°45.0'
20	35°24.8'	20°01.1'	71°25.0'	71°33.6'	65°20.6'	78°58.0'	97°20.5'
21	36°01.3'	19°27.0'	72°01.3'	72°08.6'	64°44.4'	78°21.3'	97°56.1'
22	36°37.8'	18°53.0'	72°37.7'	72°43.6'	64°08.2'	77°44.7'	98°31.6'
23	37°14.3'	18°19.3'	73°14.0'	73°18.5'	63°32.1'	77°08.0'	99°07.0'

Thu Apr 18, 2019 UTC

UTC	+Regulus Lunar Dist.	−Spica Lunar Dist.	−Antares Lunar Dist.	−Jupiter Lunar Dist.	+Pollux Lunar Dist.	+Procyon Lunar Dist.	−Saturn Lunar Dist.
0	37°50.8'	17°45.7'	62°55.9'	76°31.4'	73°50.4'	73°53.5'	102°34.8'
1	38°27.3'	17°12.3'	62°19.8'	75°54.8'	74°26.7'	74°28.5'	101°58.2'
2	39°03.8'	16°39.1'	61°43.6'	75°18.1'	75°03.0'	75°03.5'	101°21.7'
3	39°40.3'	16°06.2'	61°07.5'	74°41.5'	75°39.4'	75°38.5'	100°45.2'
4	40°16.7'	15°33.6'	60°31.4'	74°04.9'	76°15.7'	76°13.5'	100°08.7'
5	40°53.2'	15°01.3'	59°55.3'	73°28.4'	76°51.9'	76°48.4'	99°32.2'
6	41°29.6'	14°29.3'	59°19.3'	72°51.8'	77°28.2'	77°23.4'	98°55.7'
7	42°06.0'	13°57.7'	58°43.2'	72°15.2'	78°04.5'	77°58.4'	98°19.3'
8	42°42.4'	13°26.5'	58°07.2'	71°38.7'	78°40.7'	78°33.3'	97°42.8'
9	43°18.8'	12°55.8'	57°31.2'	71°02.2'	79°17.0'	79°08.3'	97°06.4'
10	43°55.2'	12°25.6'	56°55.2'	70°25.7'	79°53.2'	79°43.2'	96°30.0'
11	44°31.6'	11°55.9'	56°19.3'	69°49.2'	80°29.4'	80°18.1'	95°53.6'
12	45°07.9'	11°27.0'	55°43.3'	69°12.7'	81°05.6'	80°53.1'	95°17.2'
13	45°44.3'	–	55°07.4'	68°36.2'	81°41.8'	81°28.0'	94°40.8'
14	46°20.6'	–	54°31.5'	67°59.8'	82°18.0'	82°02.9'	94°04.4'
15	46°56.9'	–	53°55.7'	67°23.4'	82°54.1'	82°37.8'	93°28.1'
16	47°33.2'	–	53°19.8'	66°47.0'	83°30.2'	83°12.6'	92°51.8'
17	48°09.5'	–	52°44.0'	66°10.6'	84°06.3'	83°47.5'	92°15.5'
18	48°45.8'	–	52°08.3'	65°34.2'	84°42.4'	84°22.3'	91°39.2'
19	49°22.0'	–	51°32.5'	64°57.8'	85°18.5'	84°57.2'	91°02.9'
20	49°58.2'	–	50°56.8'	64°21.5'	85°54.6'	85°32.0'	90°26.7'
21	50°34.4'	–	50°21.1'	63°45.2'	86°30.6'	86°06.8'	89°50.5'
22	51°10.6'	–	49°45.4'	63°08.9'	87°06.6'	86°41.5'	89°14.3'
23	51°46.8'	–	49°09.8'	62°32.6'	87°42.6'	87°16.3'	88°38.1'



Fri Apr 19, 2019 UTC

UTC	+Regulus Lunar Dist.	-Antares Lunar Dist.	-Jupiter Lunar Dist.	-Saturn Lunar Dist.	+Pollux Lunar Dist.	+Procyon Lunar Dist.	+Betelgeuse Lunar Dist.
0	52°22.9'	48°34.2'	61°56.4'	88°01.9'	88°18.6'	87°51.0'	113°47.7'
1	52°59.0'	47°58.6'	61°20.2'	87°25.8'	88°54.5'	88°25.7'	114°22.6'
2	53°35.1'	47°23.1'	60°44.0'	86°49.7'	89°30.5'	89°00.4'	114°57.4'
3	54°11.2'	46°47.6'	60°07.8'	86°13.6'	90°06.4'	89°35.1'	115°32.2'
4	54°47.2'	46°12.1'	59°31.6'	85°37.5'	90°42.2'	90°09.7'	116°07.0'
5	55°23.3'	45°36.7'	58°55.5'	85°01.5'	91°18.1'	90°44.4'	116°41.7'
6	55°59.3'	45°01.3'	58°19.4'	84°25.5'	91°53.9'	91°19.0'	117°16.4'
7	56°35.3'	44°26.0'	57°43.3'	83°49.5'	92°29.7'	91°53.5'	117°51.1'
8	57°11.2'	43°50.7'	57°07.3'	83°13.5'	93°05.5'	92°28.1'	118°25.7'
9	57°47.1'	43°15.4'	56°31.2'	82°37.6'	93°41.3'	93°02.6'	119°00.3'
10	58°23.0'	42°40.2'	55°55.2'	82°01.7'	94°17.0'	93°37.1'	119°34.8'
11	58°58.9'	42°05.0'	55°19.2'	81°25.8'	94°52.7'	94°11.6'	120°09.3'
12	59°34.8'	41°29.9'	54°43.3'	80°49.9'	95°28.4'	94°46.0'	120°43.7'
13	60°10.6'	40°54.8'	54°07.4'	80°14.1'	96°04.0'	95°20.4'	121°18.1'
14	60°46.4'	40°19.7'	53°31.5'	79°38.3'	96°39.6'	95°54.8'	121°52.5'
15	61°22.1'	39°44.7'	52°55.6'	79°02.5'	97°15.2'	96°29.1'	122°26.8'
16	61°57.9'	39°09.8'	52°19.8'	78°26.8'	97°50.8'	97°03.5'	123°01.1'
17	62°33.6'	38°34.9'	51°44.0'	77°51.1'	98°26.3'	97°37.7'	123°35.3'
18	63°09.3'	38°00.1'	51°08.2'	77°15.4'	99°01.8'	98°12.0'	124°09.4'
19	63°44.9'	37°25.3'	50°32.5'	76°39.7'	99°37.2'	98°46.2'	124°43.6'
20	64°20.5'	36°50.5'	49°56.8'	76°04.1'	100°12.7'	99°20.4'	125°17.6'
21	64°56.1'	36°15.8'	49°21.1'	75°28.5'	100°48.1'	99°54.5'	125°51.6'
22	65°31.7'	35°41.2'	48°45.4'	74°52.9'	101°23.4'	100°28.7'	126°25.6'
23	66°07.2'	35°06.6'	48°09.8'	74°17.4'	101°58.8'	101°02.7'	126°59.5'

Sat Apr 20, 2019 UTC

UTC	-Antares Lunar Dist.	-Jupiter Lunar Dist.	+Spica Lunar Dist.	+Regulus Lunar Dist.	-Saturn Lunar Dist.	+Pollux Lunar Dist.	+Procyon Lunar Dist.
0	34°32.1'	47°34.2'	14°23.6'	66°42.7'	73°41.9'	102°34.1'	101°36.8'
1	33°57.7'	46°58.7'	14°54.6'	67°18.2'	73°06.5'	103°09.4'	102°10.8'
2	33°23.3'	46°23.2'	15°25.9'	67°53.6'	72°31.0'	103°44.6'	102°44.7'
3	32°49.0'	45°47.7'	15°57.5'	68°29.0'	71°55.6'	104°19.8'	103°18.7'
4	32°14.8'	45°12.2'	16°29.3'	69°04.4'	71°20.3'	104°55.0'	103°52.5'
5	31°40.6'	44°36.8'	17°01.3'	69°39.7'	70°44.9'	105°30.1'	104°26.4'
6	31°06.5'	44°01.4'	17°33.5'	70°15.0'	70°09.6'	106°05.2'	105°00.2'
7	30°32.5'	43°26.1'	18°05.8'	70°50.2'	69°34.4'	106°40.3'	105°34.0'
8	29°58.5'	42°50.8'	18°38.3'	71°25.5'	68°59.1'	107°15.3'	106°07.7'
9	29°24.7'	42°15.5'	19°10.9'	72°00.7'	68°23.9'	107°50.3'	106°41.3'
10	28°50.9'	41°40.2'	19°43.6'	72°35.8'	67°48.8'	108°25.2'	107°15.0'
11	28°17.2'	41°05.0'	20°16.4'	73°10.9'	67°13.7'	109°00.1'	107°48.6'
12	27°43.6'	40°29.9'	20°49.3'	73°46.0'	66°38.6'	109°35.0'	108°22.1'
13	27°10.1'	39°54.7'	21°22.3'	74°21.1'	66°03.5'	110°09.8'	108°55.6'
14	26°36.7'	39°19.6'	21°55.3'	74°56.1'	65°28.5'	110°44.6'	109°29.1'
15	26°03.3'	38°44.6'	22°28.4'	75°31.1'	64°53.5'	111°19.4'	110°02.5'
16	25°30.1'	38°09.6'	23°01.6'	76°06.0'	64°18.6'	111°54.1'	110°35.8'
17	24°57.0'	37°34.6'	23°34.8'	76°40.9'	63°43.7'	112°28.8'	111°09.1'
18	24°24.1'	36°59.6'	24°08.1'	77°15.8'	63°08.8'	113°03.5'	111°42.4'
19	23°51.2'	36°24.7'	24°41.3'	77°50.6'	62°34.0'	113°38.1'	112°15.6'
20	23°18.5'	35°49.9'	25°14.7'	78°25.4'	61°59.2'	114°12.6'	112°48.8'
21	22°45.9'	35°15.1'	25°48.0'	79°00.1'	61°24.5'	114°47.1'	113°21.9'
22	22°13.4'	34°40.3'	26°21.4'	79°34.8'	60°49.7'	115°21.6'	113°54.9'
23	21°41.1'	34°05.5'	26°54.7'	80°09.5'	60°15.1'	115°56.1'	114°28.0'

Sun Apr 21, 2019 UTC

UTC	−Jupiter Lunar Dist.	+Spica Lunar Dist.	−Antares Lunar Dist.	−Saturn Lunar Dist.	+Regulus Lunar Dist.	+Pollux Lunar Dist.	−Formalhaut Lunar Dist.
0	33°30.8′	27°28.1′	21°09.0′	59°40.4′	80°44.1′	116°30.5′	103°57.0′
1	32°56.2′	28°01.5′	20°37.0′	59°05.8′	81°18.7′	117°04.8′	103°24.1′
2	32°21.5′	28°34.9′	20°05.2′	58°31.3′	81°53.3′	117°39.1′	102°51.3′
3	31°46.9′	29°08.4′	19°33.6′	57°56.8′	82°27.8′	118°13.4′	102°18.4′
4	31°12.4′	29°41.8′	19°02.1′	57°22.3′	83°02.3′	118°47.6′	101°45.6′
5	30°37.9′	30°15.2′	18°30.9′	56°47.9′	83°36.7′	119°21.8′	101°12.8′
6	30°03.4′	30°48.6′	17°59.9′	56°13.5′	84°11.1′	119°56.0′	100°40.1′
7	29°29.0′	31°22.0′	17°29.2′	55°39.1′	84°45.5′	120°30.1′	100°07.4′
8	28°54.7′	31°55.4′	16°58.7′	55°04.8′	85°19.8′	121°04.1′	99°34.7′
9	28°20.3′	32°28.8′	16°28.5′	54°30.5′	85°54.0′	121°38.1′	99°02.0′
10	27°46.0′	33°02.1′	15°58.6′	53°56.3′	86°28.3′	122°12.1′	98°29.4′
11	27°11.8′	33°35.5′	15°29.1′	53°22.1′	87°02.5′	122°46.0′	97°56.9′
12	26°37.6′	34°08.8′	14°59.9′	52°48.0′	87°36.6′	123°19.9′	97°24.3′
13	26°03.4′	34°42.2′	14°31.0′	52°13.8′	88°10.7′	123°53.7′	96°51.8′
14	25°29.3′	35°15.5′	14°02.7′	51°39.8′	88°44.8′	124°27.5′	96°19.3′
15	24°55.3′	35°48.7′	13°34.7′	51°05.7′	89°18.8′	125°01.3′	95°46.9′
16	24°21.2′	36°22.0′	13°07.3′	50°31.8′	89°52.8′	125°35.0′	95°14.5′
17	23°47.2′	36°55.3′	12°40.4′	49°57.8′	90°26.7′	126°08.6′	94°42.1′
18	23°13.3′	37°28.5′	12°14.2′	49°23.9′	91°00.6′	126°42.2′	94°09.8′
19	22°39.4′	38°01.7′	11°48.6′	48°50.1′	91°34.5′	127°15.8′	93°37.5′
20	22°05.6′	38°34.9′	−	48°16.2′	92°08.3′	127°49.3′	93°05.2′
21	21°31.8′	39°08.0′	−	47°42.5′	92°42.1′	128°22.8′	92°33.0′
22	20°58.0′	39°41.2′	−	47°08.7′	93°15.8′	128°56.2′	92°00.9′
23	20°24.3′	40°14.3′	−	46°35.0′	93°49.5′	129°29.6′	91°28.7′

Mon Apr 22, 2019 UTC

UTC	−Jupiter Lunar Dist.	−Saturn Lunar Dist.	+Spica Lunar Dist.	+Regulus Lunar Dist.	−Formalhaut Lunar Dist.	+Arcturus Lunar Dist.	−Altair Lunar Dist.
0	19°50.7′	46°01.4′	40°47.3′	94°23.1′	90°56.6′	46°24.6′	60°06.1′
1	19°17.1′	45°27.8′	41°20.4′	94°56.7′	90°24.6′	46°51.6′	59°38.7′
2	18°43.5′	44°54.2′	41°53.4′	95°30.3′	89°52.5′	47°18.6′	59°11.4′
3	18°10.0′	44°20.7′	42°26.4′	96°03.8′	89°20.6′	47°45.8′	58°44.2′
4	17°36.5′	43°47.2′	42°59.3′	96°37.3′	88°48.6′	48°13.0′	58°17.2′
5	17°03.1′	43°13.8′	43°32.3′	97°10.7′	88°16.7′	48°40.3′	57°50.2′
6	16°29.8′	42°40.4′	44°05.2′	97°44.1′	87°44.9′	49°07.6′	57°23.3′
7	15°56.5′	42°07.0′	44°38.0′	98°17.5′	87°13.1′	49°35.0′	56°56.5′
8	15°23.2′	41°33.7′	45°10.9′	98°50.8′	86°41.3′	50°02.4′	56°29.9′
9	14°50.0′	41°00.4′	45°43.7′	99°24.1′	86°09.6′	50°29.9′	56°03.3′
10	14°16.9′	40°27.2′	46°16.4′	99°57.3′	85°37.9′	50°57.5′	55°36.9′
11	13°43.8′	39°54.0′	46°49.2′	100°30.5′	85°06.2′	51°25.1′	55°10.6′
12	13°10.8′	39°20.9′	47°21.9′	101°03.6′	84°34.6′	51°52.7′	54°44.4′
13	12°37.8′	38°47.8′	47°54.5′	101°36.7′	84°03.1′	52°20.4′	54°18.3′
14	12°05.0′	38°14.7′	48°27.2′	102°09.8′	83°31.5′	52°48.1′	53°52.3′
15	11°32.1′	37°41.7′	48°59.8′	102°42.8′	83°00.1′	53°15.9′	53°26.5′
16	10°59.4′	37°08.7′	49°32.4′	103°15.7′	82°28.6′	53°43.7′	53°00.8′
17	10°26.7′	36°35.8′	50°04.9′	103°48.7′	81°57.3′	54°11.5′	52°35.2′
18	9°54.1′	36°02.9′	50°37.4′	104°21.6′	81°25.9′	54°39.4′	52°09.8′
19	9°21.6′	35°30.0′	51°09.9′	104°54.4′	80°54.6′	55°07.2′	51°44.4′
20	8°49.2′	34°57.2′	51°42.3′	105°27.2′	80°23.4′	55°35.1′	51°19.2′
21	8°17.0′	34°24.4′	52°14.7′	105°60.0′	79°52.2′	56°03.1′	50°54.2′
22	7°44.8′	33°51.7′	52°47.0′	106°32.7′	79°21.0′	56°31.0′	50°29.3′
23	7°12.8′	33°19.0′	53°19.4′	107°05.4′	78°49.9′	56°59.0′	50°04.5′

Tue Apr 23, 2019 UTC

UTC	−Jupiter Lunar Dist.	−Saturn Lunar Dist.	+Spica Lunar Dist.	−Formalhaut Lunar Dist.	+Arcturus Lunar Dist.	+Regulus Lunar Dist.	−Altair Lunar Dist.
0	6°40.9'	32°46.4'	53°51.7'	78°18.8'	57°27.0'	107°38.0'	49°39.9'
1	6°09.3'	32°13.8'	54°23.9'	77°47.8'	57°55.0'	108°10.6'	49°15.4'
2	5°37.9'	31°41.2'	54°56.1'	77°16.8'	58°23.0'	108°43.1'	48°51.0'
3	5°06.8'	31°08.7'	55°28.3'	76°45.8'	58°51.1'	109°15.6'	48°26.9'
4	4°36.1'	30°36.2'	56°00.5'	76°15.0'	59°19.1'	109°48.1'	48°02.8'
5	4°05.9'	30°03.8'	56°32.6'	75°44.1'	59°47.2'	110°20.5'	47°39.0'
6	−	29°31.4'	57°04.6'	75°13.3'	60°15.3'	110°52.9'	47°15.2'
7	−	28°59.0'	57°36.7'	74°42.6'	60°43.3'	111°25.3'	46°51.7'
8	−	28°26.7'	58°08.7'	74°11.8'	61°11.4'	111°57.6'	46°28.3'
9	−	27°54.4'	58°40.7'	73°41.2'	61°39.5'	112°29.9'	46°05.1'
10	−	27°22.2'	59°12.6'	73°10.6'	62°07.6'	113°02.1'	45°42.0'
11	−	26°50.0'	59°44.5'	72°40.0'	62°35.7'	113°34.3'	45°19.1'
12	−	26°17.8'	60°16.3'	72°09.5'	63°03.8'	114°06.4'	44°56.4'
13	−	25°45.7'	60°48.2'	71°39.0'	63°32.0'	114°38.5'	44°33.9'
14	−	25°13.6'	61°20.0'	71°08.6'	64°00.1'	115°10.6'	44°11.6'
15	−	24°41.6'	61°51.7'	70°38.2'	64°28.2'	115°42.6'	43°49.4'
16	−	24°09.6'	62°23.4'	70°07.9'	64°56.3'	116°14.6'	43°27.5'
17	−	23°37.6'	62°55.1'	69°37.6'	65°24.4'	116°46.5'	43°05.7'
18	−	23°05.7'	63°26.8'	69°07.4'	65°52.5'	117°18.5'	42°44.1'
19	4°06.4'	22°33.8'	63°58.4'	68°37.2'	66°20.6'	117°50.3'	42°22.8'
20	4°36.0'	22°02.0'	64°29.9'	68°07.0'	66°48.7'	118°22.2'	42°01.6'
21	5°06.1'	21°30.2'	65°01.5'	67°36.9'	67°16.8'	118°54.0'	41°40.7'
22	5°36.5'	20°58.4'	65°33.0'	67°06.9'	67°44.9'	119°25.7'	41°19.9'
23	6°07.1'	20°26.7'	66°04.5'	66°36.9'	68°12.9'	119°57.4'	40°59.4'

Wed Apr 24, 2019 UTC

UTC	+Jupiter Lunar Dist.	−Saturn Lunar Dist.	+Antares Lunar Dist.	+Spica Lunar Dist.	−Formalhaut Lunar Dist.	+Arcturus Lunar Dist.	−Venus Lunar Dist.
0	6°37.8'	19°55.0'	21°30.8'	66°35.9'	66°07.0'	68°41.0'	93°27.5'
1	7°08.7'	19°23.3'	22°00.3'	67°07.3'	65°37.1'	69°09.1'	92°58.9'
2	7°39.7'	18°51.7'	22°29.8'	67°38.7'	65°07.2'	69°37.1'	92°30.3'
3	8°10.7'	18°20.1'	22°59.4'	68°10.0'	64°37.4'	70°05.2'	92°01.8'
4	8°41.8'	17°48.5'	23°29.0'	68°41.3'	64°07.7'	70°33.2'	91°33.3'
5	9°12.9'	17°17.0'	23°58.7'	69°12.6'	63°38.0'	71°01.2'	91°04.8'
6	9°44.1'	16°45.5'	24°28.4'	69°43.8'	63°08.3'	71°29.3'	90°36.4'
7	10°15.2'	16°14.1'	24°58.1'	70°15.0'	62°38.7'	71°57.3'	90°08.0'
8	10°46.4'	15°42.7'	25°27.9'	70°46.2'	62°09.2'	72°25.3'	89°39.6'
9	11°17.5'	15°11.3'	25°57.7'	71°17.3'	61°39.7'	72°53.2'	89°11.3'
10	11°48.7'	14°40.0'	26°27.6'	71°48.4'	61°10.2'	73°21.2'	88°43.0'
11	12°19.8'	14°08.7'	26°57.4'	72°19.5'	60°40.8'	73°49.1'	88°14.7'
12	12°51.0'	13°37.4'	27°27.3'	72°50.5'	60°11.5'	74°17.1'	87°46.5'
13	13°22.1'	13°06.2'	27°57.2'	73°21.5'	59°42.2'	74°45.0'	87°18.3'
14	13°53.2'	12°35.0'	28°27.1'	73°52.5'	59°13.0'	75°12.9'	86°50.2'
15	14°24.3'	12°03.8'	28°57.0'	74°23.5'	58°43.8'	75°40.8'	86°22.1'
16	14°55.4'	11°32.7'	29°26.9'	74°54.4'	58°14.6'	76°08.7'	85°54.0'
17	15°26.4'	11°01.6'	29°56.8'	75°25.2'	57°45.6'	76°36.6'	85°25.9'
18	15°57.5'	10°30.5'	30°26.7'	75°56.1'	57°16.5'	77°04.4'	84°57.9'
19	16°28.5'	9°59.5'	30°56.7'	76°26.9'	56°47.6'	77°32.3'	84°29.9'
20	16°59.5'	9°28.5'	31°26.6'	76°57.7'	56°18.6'	78°00.1'	84°01.9'
21	17°30.4'	8°57.6'	31°56.5'	77°28.4'	55°49.8'	78°27.9'	83°34.0'
22	18°01.4'	8°26.6'	32°26.5'	77°59.2'	55°21.0'	78°55.7'	83°06.1'
23	18°32.3'	7°55.8'	32°56.4'	78°29.9'	54°52.2'	79°23.4'	82°38.3'

Thu Apr 25, 2019 UTC

UTC	−Sun Lunar Dist.	−Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	−Formalhaut Lunar Dist.	+Spica Lunar Dist.	+Arcturus Lunar Dist.
0	111°25.4′	7°24.9′	19°03.2′	33°26.3′	54°23.5′	79°00.5′	79°51.2′
1	110°57.1′	6°54.1′	19°34.1′	33°56.3′	53°54.9′	79°31.2′	80°18.9′
2	110°28.8′	6°23.3′	20°04.9′	34°26.2′	53°26.3′	80°01.8′	80°46.6′
3	110°00.5′	5°52.6′	20°35.8′	34°56.1′	52°57.7′	80°32.3′	81°14.3′
4	109°32.3′	5°21.9′	21°06.6′	35°26.0′	52°29.3′	81°02.9′	81°42.0′
5	109°04.1′	4°51.2′	21°37.3′	35°55.9′	52°00.8′	81°33.4′	82°09.7′
6	108°35.9′	4°20.6′	22°08.1′	36°25.8′	51°32.5′	82°03.9′	82°37.3′
7	108°07.8′	3°50.0′	22°38.8′	36°55.7′	51°04.2′	82°34.4′	83°04.9′
8	107°39.7′	3°19.5′	23°09.5′	37°25.6′	50°35.9′	83°04.8′	83°32.5′
9	107°11.6′	2°49.1′	23°40.2′	37°55.5′	50°07.7′	83°35.2′	84°00.1′
10	106°43.5′	2°18.9′	24°10.9′	38°25.3′	49°39.6′	84°05.6′	84°27.7′
11	106°15.5′	1°48.8′	24°41.5′	38°55.2′	49°11.6′	84°36.0′	84°55.2′
12	105°47.5′	–	25°12.1′	39°25.0′	48°43.6′	85°06.3′	85°22.7′
13	105°19.5′	–	25°42.7′	39°54.8′	48°15.6′	85°36.6′	85°50.2′
14	104°51.5′	–	26°13.3′	40°24.7′	47°47.8′	86°06.9′	86°17.7′
15	104°23.6′	–	26°43.8′	40°54.5′	47°20.0′	86°37.1′	86°45.2′
16	103°55.7′	–	27°14.3′	41°24.3′	46°52.2′	87°07.3′	87°12.6′
17	103°27.8′	–	27°44.8′	41°54.1′	46°24.5′	87°37.5′	87°40.1′
18	102°59.9′	1°49.1′	28°15.3′	42°23.8′	45°56.9′	88°07.7′	88°07.5′
19	102°32.1′	2°19.0′	28°45.7′	42°53.6′	45°29.4′	88°37.9′	88°34.8′
20	102°04.3′	2°49.0′	29°16.2′	43°23.3′	45°01.9′	89°08.0′	89°02.2′
21	101°36.5′	3°19.1′	29°46.6′	43°53.1′	44°34.5′	89°38.1′	89°29.6′
22	101°08.7′	3°49.2′	30°16.9′	44°22.8′	44°07.2′	90°08.2′	89°56.9′
23	100°41.0′	4°19.4′	30°47.3′	44°52.5′	43°39.9′	90°38.3′	90°24.2′

Fri Apr 26, 2019 UTC

UTC	−Sun Lunar Dist.	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	−Formalhaut Lunar Dist.	+Spica Lunar Dist.	−Venus Lunar Dist.
0	100°13.3′	4°49.5′	31°17.6′	45°22.2′	43°12.8′	91°08.3′	71°10.9′
1	99°45.6′	5°19.7′	31°48.0′	45°51.9′	42°45.7′	91°38.3′	70°43.8′
2	99°17.9′	5°49.8′	32°18.3′	46°21.6′	42°18.6′	92°08.3′	70°16.6′
3	98°50.2′	6°20.0′	32°48.5′	46°51.2′	41°51.7′	92°38.3′	69°49.5′
4	98°22.6′	6°50.1′	33°18.8′	47°20.9′	41°24.8′	93°08.2′	69°22.4′
5	97°55.0′	7°20.2′	33°49.0′	47°50.5′	40°58.0′	93°38.2′	68°55.3′
6	97°27.4′	7°50.3′	34°19.3′	48°20.2′	40°31.3′	94°08.1′	68°28.3′
7	96°59.8′	8°20.4′	34°49.5′	48°49.8′	40°04.7′	94°38.0′	68°01.2′
8	96°32.3′	8°50.4′	35°19.6′	49°19.4′	39°38.2′	95°07.8′	67°34.2′
9	96°04.7′	9°20.5′	35°49.8′	49°49.0′	39°11.7′	95°37.7′	67°07.2′
10	95°37.2′	9°50.5′	36°20.0′	50°18.6′	38°45.4′	96°07.5′	66°40.3′
11	95°09.7′	10°20.5′	36°50.1′	50°48.1′	38°19.1′	96°37.3′	66°13.3′
12	94°42.2′	10°50.5′	37°20.2′	51°17.7′	37°52.9′	97°07.1′	65°46.4′
13	94°14.8′	11°20.5′	37°50.3′	51°47.2′	37°26.9′	97°36.9′	65°19.4′
14	93°47.3′	11°50.4′	38°20.4′	52°16.8′	37°00.9′	98°06.6′	64°52.5′
15	93°19.9′	12°20.4′	38°50.4′	52°46.3′	36°35.0′	98°36.4′	64°25.7′
16	92°52.5′	12°50.3′	39°20.5′	53°15.8′	36°09.3′	99°06.1′	63°58.8′
17	92°25.1′	13°20.2′	39°50.5′	53°45.3′	35°43.6′	99°35.8′	63°31.9′
18	91°57.7′	13°50.1′	40°20.5′	54°14.8′	35°18.1′	100°05.5′	63°05.1′
19	91°30.3′	14°20.0′	40°50.5′	54°44.3′	34°52.7′	100°35.1′	62°38.3′
20	91°03.0′	14°49.8′	41°20.5′	55°13.7′	34°27.4′	101°04.8′	62°11.5′
21	90°35.6′	15°19.7′	41°50.5′	55°43.2′	34°02.2′	101°34.4′	61°44.7′
22	90°08.3′	15°49.5′	42°20.4′	56°12.6′	33°37.1′	102°04.0′	61°18.0′
23	89°41.0′	16°19.4′	42°50.4′	56°42.1′	33°12.2′	102°33.6′	60°51.2′

## Sat Apr 27, 2019 UTC

UTC	−Sun Lunar Dist.	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	−Formalhaut Lunar Dist.	−Venus Lunar Dist.	+Spica Lunar Dist.
0	89°13.7'	16°49.2'	43°20.3'	57°11.5'	32°47.4'	60°24.5'	103°03.2'
1	88°46.4'	17°19.0'	43°50.2'	57°40.9'	32°22.7'	59°57.7'	103°32.8'
2	88°19.2'	17°48.7'	44°20.1'	58°10.4'	31°58.2'	59°31.0'	104°02.4'
3	87°51.9'	18°18.5'	44°50.0'	58°39.8'	31°33.8'	59°04.3'	104°31.9'
4	87°24.7'	18°48.3'	45°19.9'	59°09.2'	31°09.6'	58°37.7'	105°01.5'
5	86°57.5'	19°18.0'	45°49.8'	59°38.5'	30°45.5'	58°11.0'	105°31.0'
6	86°30.2'	19°47.8'	46°19.6'	60°07.9'	30°21.6'	57°44.3'	106°00.5'
7	86°03.0'	20°17.5'	46°49.5'	60°37.3'	29°57.9'	57°17.7'	106°30.0'
8	85°35.8'	20°47.2'	47°19.3'	61°06.7'	29°34.3'	56°51.1'	106°59.5'
9	85°08.7'	21°16.9'	47°49.1'	61°36.0'	29°10.9'	56°24.4'	107°28.9'
10	84°41.5'	21°46.6'	48°19.0'	62°05.4'	28°47.7'	55°57.8'	107°58.4'
11	84°14.3'	22°16.3'	48°48.8'	62°34.7'	28°24.7'	55°31.2'	108°27.8'
12	83°47.2'	22°46.0'	49°18.6'	63°04.1'	28°01.9'	55°04.6'	108°57.3'
13	83°20.0'	23°15.6'	49°48.3'	63°33.4'	27°39.2'	54°38.0'	109°26.7'
14	82°52.9'	23°45.3'	50°18.1'	64°02.7'	27°16.9'	54°11.5'	109°56.1'
15	82°25.8'	24°15.0'	50°47.9'	64°32.0'	26°54.7'	53°44.9'	110°25.5'
16	81°58.7'	24°44.6'	51°17.7'	65°01.4'	26°32.7'	53°18.4'	110°54.9'
17	81°31.5'	25°14.2'	51°47.4'	65°30.7'	26°11.0'	52°51.8'	111°24.3'
18	81°04.4'	25°43.9'	52°17.2'	65°60.0'	25°49.6'	52°25.3'	111°53.7'
19	80°37.3'	26°13.5'	52°46.9'	66°29.3'	25°28.4'	51°58.8'	112°23.1'
20	80°10.3'	26°43.1'	53°16.7'	66°58.6'	25°07.5'	51°32.2'	112°52.4'
21	79°43.2'	27°12.7'	53°46.4'	67°27.9'	24°46.9'	51°05.7'	113°21.8'
22	79°16.1'	27°42.3'	54°16.1'	67°57.2'	24°26.5'	50°39.2'	113°51.1'
23	78°49.0'	28°11.9'	54°45.8'	68°26.4'	24°06.5'	50°12.7'	114°20.4'

## Sun Apr 28, 2019 UTC

UTC	−Sun Lunar Dist.	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	−Venus Lunar Dist.	+Spica Lunar Dist.	−Formalhaut Lunar Dist.
0	78°22.0'	28°41.5'	55°15.6'	68°55.7'	49°46.2'	114°49.8'	23°46.7'
1	77°54.9'	29°11.1'	55°45.3'	69°25.0'	49°19.7'	115°19.1'	23°27.3'
2	77°27.8'	29°40.7'	56°15.0'	69°54.3'	48°53.3'	115°48.4'	23°08.3'
3	77°00.8'	30°10.3'	56°44.7'	70°23.6'	48°26.8'	116°17.7'	22°49.6'
4	76°33.7'	30°39.8'	57°14.4'	70°52.8'	48°00.3'	116°47.0'	22°31.3'
5	76°06.7'	31°09.4'	57°44.1'	71°22.1'	47°33.8'	117°16.3'	22°13.3'
6	75°39.7'	31°39.0'	58°13.8'	71°51.4'	47°07.4'	117°45.6'	21°55.8'
7	75°12.6'	32°08.6'	58°43.5'	72°20.7'	46°40.9'	118°14.9'	21°38.7'
8	74°45.6'	32°38.1'	59°13.2'	72°49.9'	46°14.5'	118°44.2'	21°22.0'
9	74°18.6'	33°07.7'	59°42.9'	73°19.2'	45°48.0'	119°13.5'	21°05.7'
10	73°51.5'	33°37.2'	60°12.6'	73°48.5'	45°21.6'	119°42.7'	20°50.0'
11	73°24.5'	34°06.8'	60°42.3'	74°17.7'	44°55.1'	120°12.0'	20°34.7'
12	72°57.5'	34°36.4'	61°12.0'	74°47.0'	44°28.7'	120°41.3'	20°19.9'
13	72°30.4'	35°05.9'	61°41.6'	75°16.3'	44°02.2'	121°10.5'	20°05.6'
14	72°03.4'	35°35.5'	62°11.3'	75°45.6'	43°35.8'	121°39.8'	19°51.9'
15	71°36.4'	36°05.1'	62°41.0'	76°14.8'	43°09.4'	122°09.0'	19°38.7'
16	71°09.4'	36°34.6'	63°10.7'	76°44.1'	42°42.9'	122°38.3'	19°26.2'
17	70°42.3'	37°04.2'	63°40.4'	77°13.4'	42°16.5'	123°07.5'	19°14.2'
18	70°15.3'	37°33.7'	64°10.1'	77°42.7'	41°50.1'	123°36.8'	19°02.8'
19	69°48.3'	38°03.3'	64°39.8'	78°11.9'	41°23.6'	124°06.0'	18°52.0'
20	69°21.2'	38°32.9'	65°09.5'	78°41.2'	40°57.2'	124°35.3'	18°42.0'
21	68°54.2'	39°02.5'	65°39.2'	79°10.5'	40°30.7'	125°04.5'	18°32.5'
22	68°27.2'	39°32.0'	66°08.9'	79°39.8'	40°04.3'	125°33.8'	18°23.8'
23	68°00.1'	40°01.6'	66°38.6'	80°09.1'	39°37.9'	126°03.0'	18°15.8'

Mon Apr 29, 2019 UTC

UTC	-Sun Lunar Dist.	+Saturn Lunar Dist.	+Jupiter Lunar Dist.	-Venus Lunar Dist.	+Antares Lunar Dist.	+Altair Lunar Dist.	+Rigil Kentaurus Lunar Dist.
0	67°33.1'	40°31.2'	67°08.3'	39°11.4'	80°38.4'	42°43.1'	88°38.8'
1	67°06.1'	41°00.8'	67°38.0'	38°45.0'	81°07.7'	43°03.1'	88°59.1'
2	66°39.0'	41°30.4'	68°07.8'	38°18.6'	81°37.0'	43°23.2'	89°19.5'
3	66°12.0'	41°60.0'	68°37.5'	37°52.1'	82°06.3'	43°43.4'	89°39.9'
4	65°44.9'	42°29.6'	69°07.2'	37°25.7'	82°35.7'	44°03.8'	90°00.3'
5	65°17.9'	42°59.2'	69°36.9'	36°59.2'	83°05.0'	44°24.3'	90°20.7'
6	64°50.8'	43°28.8'	70°06.7'	36°32.8'	83°34.3'	44°45.0'	90°41.1'
7	64°23.7'	43°58.4'	70°36.4'	36°06.3'	84°03.7'	45°05.8'	91°01.5'
8	63°56.7'	44°28.0'	71°06.2'	35°39.9'	84°33.0'	45°26.7'	91°22.0'
9	63°29.6'	44°57.6'	71°35.9'	35°13.4'	85°02.4'	45°47.8'	91°42.4'
10	63°02.5'	45°27.3'	72°05.7'	34°46.9'	85°31.7'	46°09.0'	92°02.8'
11	62°35.4'	45°56.9'	72°35.5'	34°20.5'	86°01.1'	46°30.3'	92°23.2'
12	62°08.3'	46°26.5'	73°05.3'	33°54.0'	86°30.5'	46°51.8'	92°43.6'
13	61°41.2'	46°56.2'	73°35.1'	33°27.5'	86°59.8'	47°13.3'	93°04.0'
14	61°14.1'	47°25.9'	74°04.8'	33°01.0'	87°29.2'	47°35.0'	93°24.4'
15	60°47.0'	47°55.5'	74°34.7'	32°34.6'	87°58.6'	47°56.8'	93°44.8'
16	60°19.9'	48°25.2'	75°04.5'	32°08.1'	88°28.0'	48°18.7'	94°05.2'
17	59°52.7'	48°54.9'	75°34.3'	31°41.6'	88°57.4'	48°40.7'	94°25.6'
18	59°25.6'	49°24.6'	76°04.1'	31°15.1'	89°26.9'	49°02.8'	94°46.0'
19	58°58.4'	49°54.3'	76°34.0'	30°48.6'	89°56.3'	49°25.0'	95°06.4'
20	58°31.3'	50°24.0'	77°03.8'	30°22.1'	90°25.7'	49°47.4'	95°26.8'
21	58°04.1'	50°53.8'	77°33.7'	29°55.6'	90°55.2'	50°09.8'	95°47.2'
22	57°37.0'	51°23.5'	78°03.6'	29°29.0'	91°24.6'	50°32.3'	96°07.6'
23	57°09.8'	51°53.3'	78°33.4'	29°02.5'	91°54.1'	50°54.9'	96°27.9'

Tue Apr 30, 2019 UTC

UTC	-Sun Lunar Dist.	+Saturn Lunar Dist.	-Venus Lunar Dist.	+Jupiter Lunar Dist.	+Antares Lunar Dist.	+Altair Lunar Dist.	+Rigil Kentaurus Lunar Dist.
0	56°42.6'	52°23.0'	28°36.0'	79°03.3'	92°23.6'	51°17.7'	96°48.3'
1	56°15.4'	52°52.8'	28°09.5'	79°33.2'	92°53.1'	51°40.5'	97°08.6'
2	55°48.2'	53°22.6'	27°42.9'	80°03.2'	93°22.6'	52°03.4'	97°29.0'
3	55°20.9'	53°52.4'	27°16.4'	80°33.1'	93°52.1'	52°26.4'	97°49.3'
4	54°53.7'	54°22.2'	26°49.8'	81°03.0'	94°21.6'	52°49.5'	98°09.6'
5	54°26.5'	54°52.0'	26°23.3'	81°33.0'	94°51.2'	53°12.6'	98°29.9'
6	53°59.2'	55°21.8'	25°56.7'	82°03.0'	95°20.7'	53°35.9'	98°50.2'
7	53°31.9'	55°51.7'	25°30.1'	82°32.9'	95°50.3'	53°59.3'	99°10.5'
8	53°04.7'	56°21.5'	25°03.6'	83°02.9'	96°19.9'	54°22.7'	99°30.8'
9	52°37.4'	56°51.4'	24°37.0'	83°32.9'	96°49.5'	54°46.2'	99°51.0'
10	52°10.1'	57°21.3'	24°10.4'	84°03.0'	97°19.1'	55°09.8'	100°11.3'
11	51°42.7'	57°51.2'	23°43.8'	84°33.0'	97°48.7'	55°33.4'	100°31.5'
12	51°15.4'	58°21.1'	23°17.3'	85°03.1'	98°18.3'	55°57.2'	100°51.7'
13	50°48.1'	58°51.0'	22°50.7'	85°33.1'	98°48.0'	56°21.0'	101°11.9'
14	50°20.7'	59°21.0'	22°24.1'	86°03.2'	99°17.6'	56°44.9'	101°32.1'
15	49°53.4'	59°50.9'	21°57.5'	86°33.3'	99°47.3'	57°08.9'	101°52.2'
16	49°26.0'	60°20.9'	21°30.9'	87°03.4'	100°17.0'	57°32.9'	102°12.4'
17	48°58.6'	60°50.9'	21°04.3'	87°33.5'	100°46.7'	57°57.0'	102°32.5'
18	48°31.2'	61°20.9'	20°37.7'	88°03.7'	101°16.4'	58°21.2'	102°52.6'
19	48°03.8'	61°50.9'	20°11.1'	88°33.9'	101°46.1'	58°45.5'	103°12.7'
20	47°36.3'	62°21.0'	19°44.5'	89°04.0'	102°15.9'	59°09.8'	103°32.7'
21	47°08.9'	62°51.0'	19°17.9'	89°34.2'	102°45.6'	59°34.2'	103°52.7'
22	46°41.4'	63°21.1'	18°51.3'	90°04.4'	103°15.4'	59°58.6'	104°12.7'
23	46°13.9'	63°51.2'	18°24.7'	90°34.7'	103°45.2'	60°23.2'	104°32.7'