

DUT1 = UT1-UTC = +0.0719 sec ΔT = TT-UT1 = +69.1121 sec

2026 February 02 to Feb. 04 UT

Moon (2 nd Feb)					Lunar Distance (objects with largest hourly LD delta)								
Mon	GHA	ν	Dec	d	HP	-Antares	-Arcturus	-Spica	-Regulus	+Pollux	+Jupiter	+Capella	+Aldebaran
0	354°55.1	8.9°	N18°41.6	-13.1°	58.9°	116°03.9	72°07.1	70°10.6	16°08.5	20°58.8	26°57.3	54°20.9	64°22.1
1	9°23.0	9.0°	18°28.5	-13.2°	58.9°	115°28.6	71°38.7	69°35.2	15°33.2	21°33.7	27°32.5	54°53.7	64°56.7
2	23°51.0	9.1°	18°15.3	-13.3°	58.9°	114°53.3	71°10.3	69°00.0	14°57.9	22°08.7	28°07.8	55°26.4	65°31.2
3	38°19.1	9.2°	18°02.0	-13.4°	58.8°	114°18.1	70°42.1	68°24.7	14°22.7	22°43.6	28°42.9	55°59.2	66°05.8
4	52°47.3	9.3°	17°48.5	-13.5°	58.8°	113°42.8	70°13.8	67°49.5	13°47.5	23°18.5	29°18.1	56°32.0	66°40.3
5	67°15.6	9.5°	17°35.1	-13.6°	58.8°	113°07.7	69°45.7	67°14.3	13°12.3	23°53.4	29°53.3	57°04.7	67°14.7
6	81°44.1	9.6°	N17°21.5	-13.7°	58.8°	112°32.5	69°17.6	66°39.2	12°37.1	24°28.3	30°28.4	57°37.5	67°49.2
7	96°12.6	9.7°	17°07.8	-13.7°	58.7°	111°57.4	68°49.6	66°04.1	12°02.0	25°03.2	31°03.5	58°10.3	68°23.6
8	110°41.3	9.8°	16°54.1	-13.8°	58.7°	111°22.2	68°21.7	65°29.0	11°26.9	25°38.1	31°38.6	58°43.1	68°58.0
9	125°10.1	9.9°	16°40.2	-13.9°	58.7°	110°47.2	67°53.9	64°53.9	10°51.8	26°12.9	32°13.7	59°15.8	69°32.4
10	139°39.0	10.0°	16°26.3	-14.0°	58.7°	110°12.1	67°26.1	64°18.9	10°16.8	26°47.7	32°48.7	59°48.6	70°06.7
11	154°08.1	10.1°	16°12.3	-14.1°	58.6°	109°37.1	66°58.5	63°43.9	9°41.8	27°22.5	33°23.7	60°21.4	70°41.1
12	168°37.2	10.2°	N15°58.3	-14.1°	58.6°	109°02.2	66°30.9	63°08.9	9°06.9	27°57.2	33°58.7	60°54.1	71°15.4
13	183°06.4	10.4°	15°44.2	-14.2°	58.6°	108°27.2	66°03.4	62°34.0	8°32.0	28°32.0	34°33.7	61°26.9	71°49.6
14	197°35.8	10.5°	15°30.0	-14.3°	58.6°	107°52.3	65°35.9	61°59.1	7°57.1	29°06.7	35°08.7	61°59.6	72°23.9
15	212°05.2	10.6°	15°15.7	-14.3°	58.5°	107°17.4	65°08.6	61°24.3	7°22.2	29°41.4	35°43.6	62°32.4	72°58.1
16	226°34.8	10.7°	15°01.4	-14.4°	58.5°	106°42.6	64°41.4	60°49.5	6°47.4	30°16.0	36°18.5	63°05.1	73°32.3
17	241°04.5	10.8°	14°47.0	-14.5°	58.5°	106°07.8	64°14.2	60°14.7	6°12.7	30°56.6	36°53.3	63°37.8	74°06.4
18	255°34.3	10.9°	N14°32.5	-14.5°	58.4°	105°33.0	63°47.2	59°39.9	5°38.0	31°25.2	37°28.1	64°10.5	74°40.5
19	270°04.1	11.0°	14°18.0	-14.6°	58.4°	104°58.3	63°20.2	59°05.2	5°03.3	31°59.8	38°02.9	64°43.2	75°14.6
20	284°34.1	11.1°	14°03.4	-14.6°	58.4°	104°23.6	62°53.3	58°30.5	4°28.7	32°34.3	38°37.7	65°15.9	75°48.7
21	299°04.2	11.2°	13°48.8	-14.7°	58.4°	103°48.9	62°26.6	57°55.9	3°54.1	33°08.9	39°12.5	65°48.5	76°22.7
22	313°34.4	11.3°	13°34.1	-14.7°	58.3°	103°14.3	61°59.9	57°21.3	3°19.7	33°43.3	39°47.2	66°21.2	76°56.7
23	328°04.7	11.4°	13°19.3	-14.8°	58.3°	102°39.7	61°33.3	56°46.7	2°45.3	34°17.8	40°21.8	66°53.8	77°30.7
2 nd	SD = 16.1' Mer. pass. 00:21												

h	Moon (3 rd Feb)					Lunar Distance (objects with largest hourly LD delta)								
Tue	GHA	ν	Dec	d	HP	-Antares	-Rigel Kent.	-Spica	±Regulus	+Pollux	+Jupiter	+Capella	+Aldebaran	
0	342°35.1	11.5°	N13°04.5	-14.8°	58.3°	102°05.2	91°56.8	56°12.2	2°11.1	34°52.2	40°56.5	67°26.4	78°04.6	
1	357°05.6	11.6°	12°49.7	-14.9°	58.2°	101°30.7	91°29.4	55°37.7	1°37.1	35°26.6	41°31.1	67°59.0	78°38.5	
2	11°36.1	11.7°	12°34.8	-14.9°	58.2°	100°56.2	91°02.0	55°03.2	1°03.8	36°00.9	42°05.7	68°31.1	79°12.3	
3	26°06.8	11.8°	12°19.9	-15.0°	58.2°	100°21.7	90°34.6	54°28.8		36°35.2	42°40.2	69°04.1	79°46.2	
4	40°37.6	11.9°	12°04.9	-15.0°	58.1°	99°47.3	90°07.3	53°54.4		37°09.5	43°14.7	69°36.6	80°20.0	
5	55°08.5	12.0°	11°49.8	-15.1°	58.1°	99°13.0	89°40.0	53°20.0		37°43.8	43°49.2	70°09.1	80°53.7	
6	69°39.4	12.1°	N11°34.8	-15.1°	58.1°	98°38.6	89°12.8	52°45.5		38°18.0	44°23.7	70°41.6	81°27.4	
7	84°10.5	12.1°	11°19.7	-15.2°	58.1°	98°04.3	88°45.5	52°11.7		38°52.2	44°58.1	71°14.1	82°01.1	
8	98°41.6	12.2°	11°04.5	-15.2°	58.0°	97°30.1	88°18.3	51°37.2	2°27.0	39°26.3	45°32.4	71°46.5	82°34.8	
9	113°12.8	12.3°	10°49.3	-15.2°	58.0°	97°55.9	87°51.2	51°03.0	3°01.0	40°00.4	46°06.8	72°18.9	83°08.4	
10	127°44.2	12.4°	10°34.1	-15.3°	58.0°	96°21.7	87°24.0	50°28.9	3°35.0	40°34.5	46°41.1	72°51.3	83°42.0	
11	142°15.6	12.5°	10°18.8	-15.3°	57.9°	95°47.5	86°56.9	49°54.7	4°09.0	41°08.5	47°15.4	73°23.7	84°15.5	
12	156°47.1	12.6°	N10°03.5	-15.3°	57.9°	95°13.4	86°29.9	49°20.7	4°43.0	41°42.5	47°49.6	73°56.0	84°49.9	
13	171°18.6	12.7°	09°48.2	-15.3°	57.9°	94°39.4	86°02.9	48°46.6	5°17.0	42°16.5	48°23.8	74°28.3	85°22.5	
14	185°50.3	12.7°	09°32.9	-15.4°	57.8°	94°05.3	85°35.9	48°12.6	5°51.0	42°50.4	48°57.9	75°00.6	85°55.9	
15	200°22.0	12.8°	09°17.5	-15.4°	57.8°	93°31.4	85°09.0	47°38.7	6°24.9	43°24.3	49°32.1	75°32.8	86°29.3	
16	214°53.9	12.9°	09°02.1	-15.4°	57.8°	92°57.4	84°42.1	47°04.7	6°58.8	43°58.2	50°06.1	76°05.1	87°02.7	
17	229°25.8	13.0°	08°46.7	-15.5°	57.7°	92°23.5	84°15.2	46°30.9	7°32.7	44°32.0	50°40.2	76°37.3	87°36.0	
18	243°57.7	13.1°	N08°31.2	-15.5°	57.7°	91°49.6	83°48.4	45°57.0	8°06.5	45°05.8	51°14.2	77°09.4	88°09.3	
19	258°29.8	13.1°	08°15.7	-15.5°	57.7°	91°15.8	83°21.6	45°23.2	8°40.3	45°39.5	51°48.2	77°41.6	88°42.5	
20	273°01.9	13.2°	08°00.3	-15.5°	57.6°	90°42.0	82°54.9	44°49.4	9°14.1	46°13.2	52°22.1	78°13.7	89°15.7	
21	287°34.1	13.3°	07°44.7	-15.5°	57.6°	90°08.3	82°28.2	44°15.7	9°47.8	46°46.9	52°56.0	78°45.7	89°48.9	
22	302°06.4	13.3°	07°29.2	-15.5°	57.6°	89°34.6	82°01.6	43°42.0	10°21.5	47°20.5	53°29.9	79°17.8	90°22.0	
23	316°38.7	13.4°	07°13.7	-15.6°	57.6°	89°00.9	81°35.0	43°08.4	10°55.2	47°54.1	54°03.7	79°49.8	90°55.1	
3 rd	SD = 15.9"		Mer. pass. 01:12											

DUT1 = UT1-UTC = +0.0683 sec ΔT = TT-UT1 = +69.1157 sec

2026 February 08 to Feb. 10 UT

h Moon (8 th Feb) Lunar Distance (objects with largest hourly LD delta)											
Sun	GHA	ν	Dec	d	HP	-Sun	-Altair	-Rigel Kent.	-Antares	+Spica	+Regulus
0	289°23.9	14.6°	S16°16.1	-12.1°	54.8°	106°45.3	91°49.3	45°26.8	37°35.7	8°28.5	62°20.4
1	303°57.5	14.5°	16°28.2	-12.0°	54.8°	106°17.6	91°23.7	45°11.1	37°05.5	8°58.2	62°50.6
2	318°31.0	14.5°	16°40.2	-11.9°	54.7°	105°49.9	90°58.2	44°55.6	36°35.2	9°27.9	63°20.9
3	333°04.5	14.4°	16°52.1	-11.9°	54.7°	105°22.3	90°32.7	44°40.3	36°05.0	9°57.7	63°51.1
4	347°37.9	14.4°	17°04.0	-11.8°	54.7°	104°54.6	90°07.2	44°25.2	35°34.9	10°27.5	64°21.2
5	2°11.3	14.4°	17°15.8	-11.7°	54.7°	104°27.0	89°41.7		35°04.7	10°57.2	64°51.4
6	16°44.7	14.3°	S17°27.5	-11.6°	54.7°	103°59.4	89°16.3		34°34.6	11°27.0	65°21.5
7	31°18.0	14.3°	17°39.1	-11.5°	54.6°	103°31.8	88°50.9		34°04.5	11°56.8	65°51.7
8	45°51.3	14.2°	17°50.6	-11.5°	54.6°	103°04.3	88°25.4		33°34.4	12°26.7	66°21.7
9	60°24.5	14.2°	18°02.1	-11.4°	54.6°	102°36.8	88°00.0		33°04.3	12°56.5	66°51.8
10	74°57.7	14.1°	18°13.5	-11.3°	54.6°	102°09.2	87°34.7		32°34.3	13°26.3	67°21.9
11	89°30.9	14.1°	18°24.8	-11.2°	54.6°	101°41.7	87°09.3		32°04.3	13°56.1	67°51.9
12	104°04.0	14.1°	S18°36.0	-11.1°	54.6°	101°14.3	86°44.0		31°34.2	14°25.9	68°21.9
13	118°37.0	14.0°	18°47.1	-11.1°	54.5°	100°46.8	86°18.7		31°04.3	14°55.7	68°51.9
14	133°10.1	14.0°	18°58.2	-11.0°	54.5°	100°19.4	85°53.4		30°34.3	15°25.5	69°21.9
15	147°43.0	13.9°	19°09.1	-10.9°	54.5°	99°51.9	85°28.1		30°04.3	15°55.3	69°51.9
16	162°15.9	13.9°	19°20.0	-10.8°	54.5°	99°24.5	85°02.8		29°34.4	16°25.0	70°21.8
17	176°48.8	13.8°	19°30.8	-10.7°	54.5°	98°57.1	84°37.6		29°04.5	16°54.8	70°51.7
18	191°21.6	13.8°	S19°41.5	-10.6°	54.5°	98°29.8	84°12.4		28°34.6	17°24.6	71°21.6
19	205°54.4	13.7°	19°52.2	-10.5°	54.5°	98°02.4	83°47.2		28°04.7	17°54.3	71°51.5
20	220°27.1	13.7°	20°02.7	-10.4°	54.4°	97°35.1	83°22.0		27°34.8	18°24.1	72°21.4
21	234°59.8	13.6°	20°13.1	-10.4°	54.4°	97°07.7	82°56.9		27°05.0	18°53.8	72°51.3
22	249°32.4	13.6°	20°23.5	-10.3°	54.4°	96°40.4	82°31.8		26°35.1	19°23.5	73°21.1
23	264°05.0	13.5°	20°33.8	-10.2°	54.4°	96°13.1	82°06.7		26°05.3	19°53.3	73°50.9
8 th	SD = 14.8° Mer. pass. 04:51					Sun SD = 16.2°					

h Moon (9 th Feb) Lunar Distance (objects with largest hourly LD delta)											
Moon	GHA	ν	Dec	d	HP	-Sun	-Altair	-Antares	+Spica	+Regulus	+Procyon
0	278°37.5	13.5°	S20°43.9	-10.1°	54.4°	95°45.9	81°41.6	25°35.5	20°23.0	74°20.8	106°07.3
1	293°09.9	13.4°	20°54.0	-10.0°	54.4°	95°18.6	81°16.5	25°05.7	20°52.7	74°50.6	106°35.2
2	307°42.4	13.4°	21°04.0	-9.9°	54.4°	94°51.3	80°51.5	24°36.0	21°22.4	75°20.3	107°03.1
3	322°14.7	13.3°	21°13.9	-9.8°	54.4°	94°24.1	80°26.5	24°06.2	21°52.0	75°50.1	107°31.0
4	336°47.0	13.2°	21°23.7	-9.7°	54.3°	93°56.9	80°01.5	23°36.4	22°21.7	76°19.9	107°58.9
5	351°19.3	13.2°	21°33.4	-9.6°	54.3°	93°29.7	79°36.5	23°06.7	22°51.4	76°49.6	108°26.7
6	5°51.5	13.1°	S21°43.0	-9.5°	54.3°	93°02.5	79°11.6	22°37.0	23°21.0	77°19.4	108°54.5
7	20°23.6	13.1°	21°52.6	-9.4°	54.3°	92°35.3	78°46.7	22°07.3	23°50.7	77°49.1	109°22.3
8	34°55.7	13.0°	22°02.2	-9.3°	54.3°	92°08.1	78°21.8	21°37.6	24°20.3	78°18.8	109°50.1
9	49°27.7	13.0°	22°11.3	-9.2°	54.3°	91°40.9	77°56.9	21°07.9	24°49.9	78°48.5	110°17.8
10	63°59.7	12.9°	22°20.5	-9.1°	54.3°	91°13.8	77°32.1	20°38.2	25°19.6	79°18.2	110°45.5
11	78°31.6	12.9°	22°29.7	-9.0°	54.3°	90°46.6	77°07.3	20°08.6	25°49.2	79°47.9	111°13.3
12	93°03.4	12.8°	S22°38.7	-8.9°	54.3°	90°19.5	76°42.5	19°38.9	26°18.8	80°17.5	111°40.9
13	107°35.2	12.7°	22°47.6	-8.8°	54.3°	89°52.4	76°17.7	19°09.3	26°48.4	80°47.2	112°08.6
14	122°07.0	12.7°	22°56.5	-8.7°	54.2°	89°25.2	75°53.0	18°39.6	27°18.0	81°16.8	112°36.2
15	136°38.7	12.6°	23°05.2	-8.6°	54.2°	88°58.1	75°28.3	18°10.0	27°47.5	81°46.5	113°03.9
16	151°10.3	12.6°	23°13.8	-8.5°	54.2°	88°31.0	75°03.6	17°40.4	28°17.1	82°16.1	113°31.4
17	165°41.9	12.5°	23°22.4	-8.4°	54.2°	88°03.9	74°39.0	17°10.8	28°46.7	82°45.7	113°59.0
18	180°13.4	12.5°	S23°30.8	-8.3°	54.2°	87°36.9	74°14.4	16°41.2	29°16.3	83°15.4	114°26.6
19	194°44.9	12.4°	23°39.1	-8.2°	54.2°	87°09.8	73°49.8	16°11.6	29°45.8	83°45.4	114°54.1
20	209°16.3	12.3°	23°47.3	-8.1°	54.2°	86°42.7	73°25.2	15°42.1	30°15.4	84°14.6	115°21.6
21	223°47.6	12.3°	23°55.8	-8.0°	54.2°	86°15.7	73°00.7	15°12.5	30°44.9	84°44.2	115°49.1
22	238°18.9	12.2°	24°03.4	-7.9°	54.2°	85°48.6	72°36.2	14°42.9	31°14.5	85°13.8	116°16.5
23	252°50.1	12.2°	24°11.3	-7.8°	54.2°	85°21.5	72°11.7	14°13.4	31°44.0	85°43.3	116°44.0
9 th	SD = 14.8° Mer. pass. 05:36					Sun SD = 16.2°					

h Moon (10 th Feb) Lunar Distance (objects with largest hourly LD delta)											
Tue	GHA	ν	Dec	d	HP	-Sun	-Altair	-Antares	+Spica	+Arcturus	+Procyon
0	267°21.3	12.1°	S24°19.1	-7.7°	54.2°	84°54.5	71°47.2	13°43.8	32°13.5	46°57.9	86°12.9
1	281°52.4	12.1°	24°26.8	-7.6°	54.2°	84°27.5	71°22.8	13°14.8	32°43.1	47°16.7	86°42.5
2	296°23.4	12.0°	24°34.3	-7.5°	54.2°	84°00.4	70°58.4	12°44.3	33°12.6	47°35.7	87°12.1
3	310°54.4	11.9°	24°41.8	-7.3°	54.2°	83°33.4	70°34.1	12°15.5	33°42.1	47°54.8	87°41.6
4	325°25.4	11.9°	24°49.2	-7.2°	54.2°	83°06.4	70°09.8	11°45.8	34°11.6	48°14.0	88°11.2
5	339°56.2	11.8°	24°56.4	-7.1°	54.2°	82°39.3	69°45.5	11°16.2	34°41.1	48°33.4	88°40.7
6	354°27.0	11.8°	S25°03.5	-7.0°	54.2°	82°12.3	69°21.2	10°46.8	35°10.7	48°52.9	89°10.3
7	8°57.8	11.7°	25°10.5	-6.9°	54.2°	81°45.3	68°57.0	10°17.3	35°40.2	49°12.5	89°39.8
8	23°28.5	11.6°	25°17.4	-6.8°	54.1°	81°18.3	68°32.8	9°47.8	36°09.7	49°32.3	90°09.4
9	37°59.2	11.6°	25°24.2	-6.7°	54.1°	80°51.3	68°08.7	9°18.3	36°39.2	49°52.1	90°38.9
10	52°29.7	11.5°	25°30.9	-6.6°	54.1°	80°24.2	67°44.6	8°48.9	37°08.7	50°12.1	91°08.5
11	67°00.3	11.5°	25°37.4	-6.4°	54.1°	79°57.2	67°20.5	8°19.4	37°38.2	50°32.2	91°38.0
12	81°30.7	11.4°	S25°43.9	-6.3°	54.1°	79°30.2	66°56.4	7°50.0	38°07.7	50°52.4	92°07.5
13	96°01.2	11.4°	25°50.2	-6.2°	54.1°	79°03.2	66°32.4	7°20.6	38°37.2	51°12.7	92°37.1
14	110°31.5	11.3°	25°56.4	-6.1°	54.1°	78°36.2	66°08.5	6°51.2	39°06.7	51°33.1	93°06.6
15	125°01.8	11.2°	26°02.5	-6.0°	54.1°	78°09.2	65°44.5	6°21.8	39°36.2	51°53.6	93°36.2
16	139°32.1	11.2°	26°08.5	-5.8°	54.1°	77°42.2	65°20.6	5°52.4	40°05.7	52°14.2	94°05.7
17	154°02.3	11.1°	26°14.3	-5.7°	54.1°	77°15.2	64°56.8	5°23.1	40°35.3	52°34.9	94°35.3
18	168°32.4	11.1°	S26°20.0	-5.6°	54.1°	76°48.2	64°33.0	4°53.8	41°04.8	52°55.8	95°04.8
19	183°02.5	11.0°	26°25.6	-5.5°	54.1°	76°21.1	64°09.2	4°24.6	41°34.3	53°16.7	95°34.3
20	197°32.5	11.0°	26°31.1	-5.4°	54.1°	75°54.1	63°45.5	3°55.4	42°03.8	53°37.7	96°03.9
21	212°02.5	10.9°	26°36.5	-5.2°	54.1°	75°27.1	63°21.8	3°26.4	42°33.3	53°58.8	96°33.4
22	226°32.4	10.9°	26°41.7	-5.1°	54.1°	75°00.1	62°58.2	2°57.5	43°02.9	54°20.0	97°03.0
23	241°02.3	10.8°	26°46.8	-5.0°	54.1°	74°33.1	62°34.6	2°28.9	43°32.4	54°41.3	97°32.5
10 th	SD = 14.8° Mer. pass. 06:23					Sun SD = 16.2°					

DUT1 = UT1-UTC = +0.0682 sec ΔT = TT-UT1 = +69.1158 sec

2026 February 11 to Feb. 13 UT

h Moon (11 th Feb) Lunar Distance (objects with largest hourly LD delta)											
Wed	GHA	ν	Dec	d	HP	-Sun	-Altair	±Antares	+Spica	+Arcturus	+Regulus
0	255°32.1	10.8°	S26°51.8	-4.9°	54.1°	74°06.0	62°11.0	2°00.8	44°01.9	55°02.7	98°02.1
1	270°01.9	10.7°	26°56.7	-4.7°	54.1°	73°39.0	61°47.5	1°33.5	44°31.4	55°24.1	98°31.7
2	284°31.6	10.7°	27°01.4	-4.6°	54.1°	73°12.0	61°24.1		45°01.0	55°45.7	99°01.2
3	299°01.3	10.6°	27°06.1	-4.5°	54.2°	72°44.9	61°00.6		45°30.5	56°07.3	99°30.8
4	313°30.9	10.6°	27°10.6	-4.4°	54.2°	72°17.9	60°37.3		46°00.1	56°29.0	100°00.4
5	328°00.4	10.5°	27°14.9	-4.2°	54.2°	71°50.8	60°14.0		46°29.6	56°50.8	100°29.9
6	342°30.0	10.5°	S27°19.2	-4.1°	54.2°	71°23.8	59°50.7		46°59.2	57°12.7	100°59.5
7	356°59.4	10.4°	27°23.3	-4.0°	54.2°	70°56.7	59°27.5		47°28.8	57°34.7	101°29.1

DUT1 = UT1-UTC = +0.0690 sec ΔT = TT-UT1 = +69.1150 sec

2026 February 14 to Feb. 16 UT

h Moon (14 th Feb) Lunar Distance (objects with largest hourly LD delta)										
Sat	GHA	ν	Dec	d	HP	+Sun	+Antares	+Rigel Kent.	+Hadar	+Acrux
0	217°58.0	9.5'	S26°56.4	5.1'	55.0'	41°09.3	34°05.4	54°57.7	59°17.7	70°02.0
1	232°26.6	9.6'	26°51.3	5.2'	55.0'	40°41.1	34°36.1	55°18.3	59°38.7	70°20.8
2	246°55.1	9.6'	26°46.1	5.3'	55.0'	40°12.9	35°06.8	55°39.0	59°59.7	70°39.6
3	261°23.7	9.6'	26°40.8	5.5'	55.0'		35°37.5	55°59.9	60°20.8	70°58.5
4	275°52.3	9.6'	26°35.3	5.6'	55.1'		36°08.3	56°20.9	60°42.0	71°17.5
5	290°21.0	9.7'	26°29.7	5.8'	55.1'		36°39.0	56°42.0	61°03.4	71°36.5
6	304°49.7	9.7'	S26°23.9	5.9'	55.1'		37°09.8	57°03.2	61°24.8	71°55.6
7	319°18.4	9.7'	26°18.0	6.0'	55.1'		37°40.6	57°24.5	61°46.3	72°14.8
8	333°47.1	9.8'	26°12.0	6.2'	55.1'		38°11.5	57°45.9	62°07.9	72°34.1
9	348°15.8	9.8'	26°05.8	6.3'	55.2'		38°42.3	58°07.4	62°29.6	72°53.4
10	2°44.6	9.8'	25°59.5	6.4'	55.2'		39°13.2	58°29.1	62°51.4	73°12.8
11	17°13.5	9.9'	25°53.1	6.6'	55.2'		39°44.2	58°50.8	63°13.3	73°32.3
12	31°42.3	9.9'	S25°46.5	6.7'	55.2'		40°15.1	59°12.7	63°35.3	73°51.8
13	46°11.2	9.9'	25°39.8	6.8'	55.3'		40°46.1	59°34.6	63°57.3	74°11.4
14	60°40.1	10.0'	25°33.0	7.0'	55.3'		41°17.1	59°56.7	64°19.5	74°31.1
15	75°09.1	10.0'	25°26.0	7.1'	55.3'		41°48.1	60°18.8	64°41.7	74°50.8
16	89°38.1	10.0'	25°18.9	7.2'	55.3'		42°19.2	60°41.1	65°04.0	75°10.6
17	104°07.1	10.1'	25°11.7	7.4'	55.3'		42°50.3	61°03.4	65°26.4	75°30.4
18	118°36.2	10.1'	S25°04.3	7.5'	55.4'		43°21.4	61°25.8	65°48.9	75°50.3
19	133°05.3	10.1'	24°56.8	7.6'	55.4'		43°52.5	61°48.4	66°11.5	76°10.3
20	147°34.4	10.2'	24°49.2	7.8'	55.4'		44°23.7	62°11.0	66°34.1	76°30.4
21	162°03.6	10.2'	24°41.4	7.9'	55.4'		44°54.9	62°33.7	66°56.8	76°50.4
22	176°32.8	10.3'	24°33.5	8.0'	55.5'		45°26.1	62°56.5	67°19.6	77°10.6
23	191°02.1	10.3'	24°25.5	8.1'	55.5'		45°57.4	63°19.4	67°42.5	77°30.8
14 th	SD = 15.0' Mer. pass. 09:49					Sun SD = 16.2'				

h Moon (15 th Feb) Lunar Distance (objects with largest hourly LD delta)										
Sun	GHA	ν	Dec	d	HP	+Antares	+Rigel Kent.	+Hadar	+Acrux	+Spica
0	205°31.4	10.3'	S24°17.4	8.3'	55.5'	46°28.6	63°42.4	68°05.4	77°51.0	92°22.4
1	220°00.8	10.4'	24°09.1	8.4'	55.5'	46°59.9	64°05.4	68°28.4	78°11.3	92°53.7
2	234°30.2	10.4'	24°00.7	8.5'	55.5'	47°31.3	64°28.6	68°51.5	78°31.7	93°25.0
3	248°59.6	10.5'	23°52.2	8.7'	55.6'	48°02.7	64°51.8	69°14.7	78°52.1	93°56.4
4	263°29.1	10.5'	23°43.5	8.8'	55.6'	48°34.0	65°15.1	69°37.9	79°12.6	94°27.8
5	277°58.6	10.6'	23°34.7	8.9'	55.6'	49°05.5	65°38.5	70°01.2	79°33.1	94°59.2
6	292°28.1	10.6'	S23°25.8	9.0'	55.6'	49°36.9	66°02.0	70°24.6	79°53.7	95°30.6
7	306°57.7	10.7'	23°16.8	9.1'	55.7'	50°08.4	66°25.6	70°48.0	80°14.3	96°02.1
8	321°27.4	10.7'	23°07.7	9.3'	55.7'	50°39.9	66°49.2	71°11.6	80°34.9	96°33.6
9	335°57.1	10.7'	22°58.4	9.4'	55.7'	51°11.5	67°12.9	71°35.1	80°55.7	97°05.1
10	350°26.8	10.8'	22°49.0	9.5'	55.7'	51°43.0	67°36.7	71°58.8	81°16.4	97°36.7
11	4°56.6	10.8'	22°39.5	9.6'	55.8'	52°14.6	68°00.5	72°22.5	81°37.2	98°08.3
12	19°26.5	10.9'	S22°29.9	9.7'	55.8'	52°46.3	68°24.4	72°46.2	81°58.1	98°39.9
13	33°56.3	10.9'	22°20.1	9.9'	55.8'	53°17.9	68°48.4	73°10.0	82°18.9	99°11.5
14	48°26.3	11.0'	22°10.3	10.0'	55.8'	53°49.6	69°12.5	73°33.9	82°39.9	99°43.2
15	62°56.2	11.0'	22°00.3	10.1'	55.9'	54°21.3	69°36.6	73°57.9	83°00.8	100°14.9
16	77°26.2	11.1'	21°50.2	10.2'	55.9'	54°53.1	70°00.9	74°21.9	83°21.8	100°46.7
17	91°56.3	11.1'	21°40.0	10.3'	55.9'	55°24.8	70°25.1	74°45.9	83°42.9	101°18.4
18	106°26.4	11.2'	S21°29.7	10.4'	55.9'	55°56.6	70°49.5	75°10.0	84°04.0	101°50.2
19	120°56.6	11.2'	21°19.2	10.6'	56.0'	56°28.5	71°13.9	75°34.2	84°25.1	102°22.0
20	135°26.8	11.3'	21°08.7	10.7'	56.0'	57°00.3	71°38.3	75°58.4	84°46.2	102°53.9
21	149°57.0	11.3'	20°58.0	10.8'	56.0'	57°32.2	72°02.9	76°22.7	85°07.4	103°25.8
22	164°27.3	11.3'	20°47.2	10.9'	56.0'	58°04.2	72°27.5	76°47.1	85°28.7	103°57.7
23	178°57.7	11.4'	20°36.4	11.0'	56.0'	58°36.1	72°52.1	77°11.4	85°49.9	104°29.6
15 th	SD = 15.1' Mer. pass. 10:40									

h Moon (16 th Feb) Lunar Distance (objects with largest hourly LD delta)										
Moon	GHA	ν	Dec	d	HP	+Antares	+Rigel Kent.	+Hadar	+Acrux	+Spica
0	193°28.1	11.4'	S20°25.4	11.1'	56.1'	59°08.1	73°16.8	77°35.9	86°11.2	104°00.2
1	207°58.5	11.5'	20°14.3	11.2'	56.1'	59°40.1	73°41.6	78°00.4	86°32.5	105°33.6
2	222°59.0	11.5'	20°03.1	11.3'	56.1'	60°12.1	74°06.4	78°24.9	86°53.9	106°05.6
3	236°59.5	11.6'	19°51.8	11.4'	56.1'	60°44.2	74°31.3	78°49.5	87°15.2	106°37.7
4	251°30.1	11.6'	19°40.3	11.5'	56.2'	61°16.3	74°56.3	79°14.1	87°36.7	106°44.3
5	266°00.7	11.7'	19°28.8	11.6'	56.2'	61°48.5	75°21.3	79°38.8	87°58.1	106°11.0
6	280°31.4	11.7'	S19°17.2	11.7'	56.2'	62°20.6	75°46.3	80°03.5	88°19.6	106°36.3
7	295°02.1	11.8'	19°05.5	11.8'	56.2'	62°52.8	76°11.4	80°28.3	88°41.0	107°02.3
8	309°32.9	11.8'	18°53.6	11.9'	56.3'	63°25.0	76°36.6	80°53.1	89°02.5	107°28.2
9	324°03.7	11.9'	18°41.7	12.0'	56.3'	63°57.3	77°01.8	81°17.9	89°24.1	107°54.2
10	338°34.5	11.9'	18°29.7	12.1'	56.3'	64°29.6	77°27.1	81°42.8	89°45.6	108°20.2
11	353°05.4	11.9'	18°17.5	12.2'	56.3'	65°01.9	77°52.4	82°07.8	90°07.2	108°46.1
12	7°36.4	12.0'	S18°05.3	12.3'	56.4'	65°34.2	78°17.7	82°32.7	90°28.8	109°12.0
13	22°07.4	12.0'	17°53.0	12.4'	56.4'	66°06.6	78°43.1	82°57.7	90°50.4	109°38.0
14	36°38.4	12.1'	17°40.6	12.5'	56.4'	66°39.0	79°08.6	83°22.8	91°12.0	110°03.9
15	51°09.5	12.1'	17°28.1	12.6'	56.4'	67°11.4	79°34.1	83°47.9	91°33.7	110°29.8
16	65°40.6	12.2'	17°15.5	12.7'	56.5'	67°43.9	79°59.6	84°13.0	91°55.3	110°55.6
17	80°11.8	12.2'	17°02.8	12.8'	56.5'	New Moon				
18	94°43.0	12.2'	S16°50.0	12.9'	56.5'	New Moon				
19	109°14.2	12.3'	16°37.1	13.0'	56.5'	New Moon				
20	123°45.5	12.3'	16°24.1	13.1'	56.6'	New Moon				
21	138°16.8	12.4'	16°11.1	13.1'	56.6'	New Moon				
22	152°48.2	12.4'	15°57.9	13.2'	56.6'	New Moon				
23	167°19.6	12.5'	15°44.7	13.3'	56.6'	New Moon				
16 th	SD = 15.3' Mer. pass. 11:29									

DUT1 = UT1-UTC = +0.0688 sec ΔT = TT-UT1 = +69.1152 sec

h Moon (17 th Feb)										
Tue	GHA	ν	Dec	d	HP					
0	181°51.1	12.5'	S15°31.4	13.4'	56.7'	New Moon				
1	196°22.6	12.5'	15°18.0	13.5'	56.7'	New Moon				
2	210°54.1	12.6'	15°04.5	13.6'	56.7'	New Moon				
3	225°25.7	12.6'	14°50.9	13.6'	56.7'	New Moon				
4	239°57.3	12.6'	14°37.3	13.7'	56.8'	New Moon				
5	254°28.9	12.7'	14°23.5	13.8'	56.8'	New Moon				
6	269°00.6	12.7'	S14°09.7	13.9'	56.8'	New Moon				
7	283°32.3	12.8'	13°55.9	14.0'	56.8'	New Moon				
8	298°04.1	12.8'	13°41.9	14.0'	56.9'	New Moon				
9	312°35.9	12.8'	13°27.9	14.1'	56.9'	New Moon				
10	327°07.7	12.9'	13°13.8	14.2'	56.9'	New Moon				
11	341°39.6	12.9'	12°59.6	14.3'	56.9'	New Moon				
12	356°11.5	12.9'	S12°45.3	14.3'	57.0'	New Moon				
13	10°43.4	13.0'	12°31.0	14.4'	57.0'	New Moon				
14	25°15.3	13.0'	12°16.6	14.5'	57.0'	New Moon				
15	39°47.3	13.0'	12°02.2	14.5'	57.0'	New Moon				
16	54°19.3	13.0'	11°47.6	14.6'	57.1'	New Moon				
17	68°51.4	13.1'	11°33.0	14.7'	57.1'	New Moon				
18	83°23.4	13.1'	S11°18.4	14.7'	57.1'	New Moon				
19	97°55.5	13.1'	11°03.7	14.8'	57.1'	New Moon				
20	112°27.6	13.1'	10°48.9	14.8'	57.1'	New Moon				
21	126°59.8	13.2'	10°34.0	14.9'	57.2'	New Moon				
22	141°32.0	13.2'	10°19.1	15.0'	57.2'	New Moon				
23	156°04.1	13.2'	10°04.2	15.0'	57.2'	New Moon				
17 th	SD = 15.5' Mer. pass. 12:16									

h Moon (18 th Feb)					Lunar Distance (objects with largest hourly LD delta)								
Wed	GHA	ν	Dec	d	HP	-Jupiter	-Betelgeuse	-Capella	-Rigel	-Aldebaran	-Saturn	+Venus	+Fomalhaut
0	170°36.4	13.2°	S09°49.1	15.1°	57.2°	New Moon							
1	185°08.6	13.3°	09°34.1	15.1°	57.3°	New Moon							
2	199°40.9	13.3°	09°18.9	15.2°	57.3°	New Moon							
3	214°13.1	13.3°	09°03.7	15.2°	57.3°	New Moon							
4	228°45.4	13.3°	08°48.5	15.3°	57.3°	New Moon							
5	243°17.8	13.3°	08°33.2	15.3°	57.4°	New Moon							
6	257°50.1	13.4°	S08°17.9	15.4°	57.4°	New Moon							
7	272°22.5	13.4°	08°02.5	15.4°	57.4°	New Moon							
8	286°54.8	13.4°	07°47.0	15.5°	57.4°	108°29.7	101°19.8	96°18.4	90°17.1	20°43.1			
9	301°27.2	13.4°	07°31.5	15.5°	57.4°	107°58.6	100°47.8	95°51.4	89°44.1	20°10.5			
10	315°59.6	13.4°	07°16.0	15.6°	57.5°	107°27.4	100°15.9	95°24.4	89°11.7	19°13.7			
11	330°32.0	13.4°	07°00.4	15.6°	57.5°	106°56.2	99°43.9	94°57.3	88°38.0	19°05.3			
12	345°04.4	13.4°	S06°44.8	15.7°	57.5°	106°25.0	99°11.8	94°30.3	88°04.9	18°32.7			
13	359°36.9	13.4°	06°29.1	15.7°	57.5°	105°53.7	98°39.8	94°03.2	87°31.8	18°00.2			
14	14°09.3	13.4°	06°13.4	15.7°	57.6°	105°22.4	98°07.7	93°36.0	86°58.7	17°27.7			
15	28°41.8	13.5°	05°57.7	15.8°	57.6°	104°51.1	97°35.6	93°08.9	86°25.5	16°55.2	4°00.8	23°31.5	
16	43°14.2	13.5°	05°41.9	15.8°	57.6°	104°19.7	97°03.5	92°41.7	85°52.4	16°22.8	4°29.4	23°47.7	
17	57°46.7	13.5°	05°26.1	15.9°	57.6°	103°48.3	96°31.3	92°14.5	85°19.2	15°50.4	4°58.4	24°04.4	
18	72°19.1	13.5°	S05°10.2	15.9°	57.6°	103°16.8	95°59.1	91°47.3	84°45.9	15°18.1	5°27.7	24°21.8	
19	86°51.6	13.5°	04°54.4	15.9°	57.7°	119°43.0	102°45.4	95°26.9	91°20.0	14°45.8	5°57.3	24°39.7	
20	101°24.1	13.5°	04°38.4	16.0°	57.7°	119°09.1	102°13.9	94°54.7	90°52.7	14°13.6	6°27.1	24°58.1	
21	115°56.6	13.5°	04°22.5	16.0°	57.7°	118°35.2	101°42.3	94°22.4	90°25.5	13°06.2	6°57.0	25°17.1	
22	130°29.1	13.5°	04°06.5	16.0°	57.7°	118°01.2	101°10.8	93°50.1	89°58.1	12°32.9	13°09.5	25°36.5	
23	145°01.5	13.5°	03°50.5	16.0°	57.7°	117°27.2	100°39.2	93°17.8	89°30.8	11°59.5	12°37.6	25°56.4	
18 th	SD = 15.6'		Mer. pass. 13:02										

DUT1 = UT1-UTC = +0.0665 sec ΔT = TT-UT1 = +69.1175 sec

2026 February 20 to Feb. 22 UT

h		Moon (20 th Feb)					Lunar Distance			(objects with largest hourly LD delta)				
Fri	GHA	ν	Dec	d	HP	-Pollux	-Jupiter	-Capella	-Aldebaran	+Saturn	+Venus	+Fomalhaut	+Sun	
0	148°30.3	13.1°	N02°55.6	16.3'	58.2'	110°40.1	103°10.5	79°43.7	68°00.7		20°48.7	36°07.9		
1	163°02.4	13.1°	03°11.9	16.3'	58.2'	110°05.7	102°36.0	79°11.0	67°27.0		21°19.9	36°35.6		
2	177°34.4	13.0°	03°28.3	16.3'	58.2'	109°31.3	102°01.5	78°38.2	66°53.2		21°51.2	37°03.5		
3	192°06.4	13.0°	03°44.6	16.3'	58.3'	108°56.9	101°26.9	78°05.4	66°19.4		22°22.5	37°31.5		
4	206°38.4	12.9°	04°00.8	16.3'	58.3'	108°22.4	100°52.3	77°32.7	65°45.7		22°53.8	37°59.8		
5	221°10.4	12.9°	04°17.1	16.3'	58.3'	107°48.0	100°17.8	76°59.9	65°11.9		23°25.1	38°28.2		
6	235°42.3	12.9°	N04°33.4	16.3'	58.3'	107°13.5	99°43.2	76°27.1	64°38.1		23°56.5	38°56.7		
7	250°14.2	12.8°	04°49.7	16.2'	58.3'	106°39.0	99°08.5	75°54.3	64°04.3		24°27.8	39°25.4		
8	264°46.0	12.8°	05°05.9	16.2'	58.3'	106°04.5	98°33.9	75°21.4	63°30.5	7°52.3	24°59.2	39°54.2		
9	279°17.8	12.8°	05°22.1	16.2'	58.3'	105°30.0	97°59.2	74°48.6	62°56.7	8°21.9	25°30.6	40°23.2		
10	293°49.6	12.7°	05°38.3	16.2'	58.4'	104°55.4	97°24.6	74°15.8	62°22.8	8°52.1	26°02.0	40°52.3		
11	308°21.3	12.7°	05°54.5	16.2'	58.4'	104°20.8	96°49.9	73°43.0	61°49.0	9°22.7	26°33.5	41°21.5		
12	322°52.9	12.6°	N06°10.7	16.1'	58.4'	103°46.3	96°15.2	73°10.1	61°15.2	9°53.8	27°04.9	41°50.9		
13	337°24.6	12.6°	06°26.8	16.1'	58.4'	103°11.7	95°40.5	72°37.3	60°41.3	10°25.2	27°36.4	42°20.4		
14	351°56.1	12.5°	06°42.9	16.1'	58.4'	102°37.1	95°05.8	72°04.5	60°07.5	10°57.0	28°07.9	42°50.0		
15	6°27.7	12.5°	06°59.0	16.1'	58.4'	102°02.4	94°31.0	71°31.6	59°33.6	11°29.0	28°39.4	43°19.7		
16	20°59.2	12.4°	07°15.1	16.0'	58.5'	101°27.8	93°56.3	70°58.8	58°59.8	12°01.2	29°10.9	43°49.5		
17	35°30.6	12.4°	07°31.1	16.0'	58.5'	100°53.1	93°21.5	70°25.9	58°25.9	12°33.6	29°42.5	44°19.4	40°16.9	
18	50°02.0	12.3°	N07°47.1	16.0'	58.5'	100°18.5	92°46.7	69°53.1	57°52.0	13°06.2	30°14.0	44°49.5	40°49.1	
19	64°33.3	12.3°	08°03.1	15.9'	58.5'	99°43.8	92°11.9	69°20.2	57°18.2	13°39.0	30°45.6	45°19.6	41°21.4	
20	79°04.6	12.2°	08°19.1	15.9'	58.5'	99°09.1	91°37.1	68°47.4	56°44.3	14°11.9	31°17.2	45°49.8	41°53.6	
21	93°35.8	12.2°	08°35.0	15.9'	58.5'	98°34.4	91°02.3	68°14.6	56°10.4	14°44.9	31°48.8	46°20.1	42°25.8	
22	108°07.0	12.1°	08°50.8	15.8'	58.5'	97°59.7	90°27.5	67°41.7	55°36.5	15°18.1	32°20.4	46°50.6	42°58.1	
23	122°38.1	12.1°	09°06.7	15.8'	58.5'	97°24.9	89°52.6	67°08.9	55°02.7	15°51.4	32°52.0	47°21.1	43°30.3	
20 th	SD = 15.9' Mer. pass. 14:33					Sun SD = 16.2'								

Moon (21 st Feb)					Lunar Distance (objects with largest hourly LD delta)								
Sat	GHA	ν	Dec	d	HP	-Procyon	-Pollux	-Jupiter	-Aldebaran	+Saturn	+Venus	+Sun	+Fomalhaut
0	137°09.2	12.0°	N09°22.5	15.8'	58.6'	100°20.5	96°50.2	89°17.8	54°28.8	16°24.7	33°23.6	44°02.6	47°51.6
1	151°40.1	11.9°	09°38.2	15.7'	58.6'	99°47.8	96°15.4	88°42.9	53°54.9	16°58.2	33°55.3	44°34.9	48°22.3
2	166°11.1	11.9°	09°53.9	15.7'	58.6'	99°15.0	95°40.6	88°08.0	53°21.0	17°31.7	34°27.0	45°07.2	48°53.1
3	180°42.0	11.8°	10°09.6	15.6'	58.6'	98°42.2	95°05.9	87°33.1	52°47.2	18°05.3	34°58.6	45°39.5	49°23.9
4	195°12.8	11.7°	10°25.2	15.6'	58.6'	98°09.4	94°31.1	86°58.2	52°13.3	18°38.9	35°30.3	46°11.9	49°54.8
5	209°43.5	11.7°	10°40.8	15.5'	58.6'	97°36.6	93°56.2	86°23.3	51°39.4	19°12.7	36°02.0	46°44.2	50°25.8
6	224°14.2	11.6°	N10°56.3	15.5'	58.6'	97°03.8	93°21.4	85°48.3	51°05.6	19°46.5	36°33.8	47°16.6	50°56.8
7	238°44.8	11.5°	11°11.8	15.4'	58.7'	96°31.0	92°46.6	85°13.4	50°31.7	20°20.3	37°05.5	47°48.9	51°27.9
8	253°15.4	11.5°	11°27.3	15.4'	58.7'	95°58.1	92°11.7	84°38.4	49°57.9	20°54.2	37°37.2	48°21.3	51°59.1
9	267°45.8	11.4°	11°42.6	15.3'	58.7'	95°25.3	91°36.9	84°03.5	49°24.0	21°28.1	38°09.0	48°53.7	52°30.4
10	282°16.2	11.3°	11°58.0	15.3'	58.7'	94°52.4	91°02.0	83°28.5	48°50.2	22°02.1	38°40.8	49°26.1	53°01.7
11	296°46.6	11.3°	12°13.2	15.2'	58.7'	94°19.5	90°27.1	82°53.5	48°16.3	22°36.1	39°12.5	49°58.5	53°33.1
12	311°16.9	11.2°	N12°28.4	15.2'	58.7'	93°46.6	89°52.2	82°18.5	47°42.5	23°10.2	39°44.3	50°30.9	54°04.5
13	325°47.0	11.1°	12°43.5	15.1'	58.7'	93°13.7	89°17.3	81°43.5	47°08.7	23°44.3	40°16.1	51°03.4	54°36.0
14	340°17.2	11.0°	12°58.7	15.0'	58.7'	92°40.7	88°42.4	81°08.5	46°34.9	24°18.4	40°48.0	51°35.8	55°07.6
15	354°47.2	11.0°	13°13.7	15.0'	58.7'	92°07.8	88°07.5	80°33.5	46°01.1	24°52.6	41°19.8	52°08.3	55°39.2
16	9°17.2	10.9°	13°28.7	14.9'	58.8'	91°34.8	87°32.6	79°58.4	45°27.4	25°26.8	41°51.6	52°40.7	56°10.8
17	23°47.1	10.8°	13°43.6	14.8'	58.8'	91°01.9	86°57.6	79°23.4	44°53.6	26°01.0	42°23.5	53°13.2	56°42.6
18	38°16.9	10.7°	N13°58.4	14.8'	58.8'	90°28.9	86°22.7	78°48.3	44°19.9	26°35.3	42°55.3	53°45.7	57°14.3
19	52°46.6	10.7°	14°13.2	14.7'	58.8'	89°55.5	85°47.7	78°13.3	43°46.1	27°09.6	43°27.2	54°18.2	57°46.1
20	67°16.3	10.6°	14°27.9	14.6'	58.8'	89°22.9	85°12.7	77°38.2	43°12.4	27°43.9	43°59.1	54°50.7	58°18.0
21	81°45.9	10.5°	14°42.5	14.5'	58.8'	88°49.9	84°37.8	77°03.1	42°38.7	28°18.2	44°30.9	55°23.2	58°49.9
22	96°15.3	10.4°	14°57.0	14.5'	58.8'	88°16.9	84°02.8	76°28.0	42°05.1	28°52.6	45°02.8	55°55.7	59°21.9
23	110°44.8	10.3°	15°11.5	14.4'	58.8'	87°43.9	83°27.8	75°52.9	41°31.4	29°27.0	45°34.7	56°28.3	59°53.9
21 st	SD = 16.0' Mer. pass. 15:22					Sun SD = 16.2'							

h	Moon (22 nd Feb)					Lunar Distance (objects with largest hourly LD delta)								
Sun	GHA	ν	Dec	d	HP	-Regulus	-Pollux	-Jupiter	-Aldebaran	+Saturn	+Venus	+Sun	+Fomalhaut	
0	125°14.1	10.2°	N15°25.9	14.3'	58.8'	119°47.5	82°52.8	75°17.8	40°57.8	30°01.4	46°06.7	57°00.8	60°25.9	
1	139°43.3	10.2°	15°40.2	14.2'	58.8'	119°12.4	82°17.7	74°42.7	40°24.2	30°35.8	46°38.6	57°33.4	60°58.0	
2	154°12.5	10.1°	15°54.5	14.2'	58.9'	118°37.4	81°42.7	74°07.6	39°50.6	31°10.2	47°10.5	58°05.9	61°30.1	
3	168°41.6	10.0°	16°08.6	14.1'	58.9'	118°02.3	81°07.7	73°32.4	39°17.1	31°44.7	47°42.5	58°38.5	62°02.2	
4	183°10.5	9.9°	16°22.7	14.0'	58.9'	117°27.2	80°32.6	72°57.3	38°43.6	32°19.2	48°14.4	59°11.1	62°34.4	
5	197°39.4	9.8°	16°36.7	13.9'	58.9'	116°52.1	79°57.6	72°22.2	38°10.1	32°53.7	48°46.4	59°43.6	63°06.7	
6	212°08.2	9.7°	N16°50.6	13.8'	58.9'	116°17.0	79°22.5	71°47.0	37°36.6	33°28.2	49°18.3	60°16.2	63°38.9	
7	226°36.9	9.6°	17°04.4	13.7'	58.9'	115°41.9	78°47.5	71°11.8	37°03.2	34°02.8	49°50.3	60°48.8	64°11.3	
8	241°05.6	9.5°	17°18.1	13.6'	58.9'	115°06.8	78°12.4	70°36.7	36°29.9	34°37.3	50°22.3	61°21.4	64°43.6	
9	255°34.1	9.4°	17°31.7	13.5'	58.9'	114°31.7	77°37.3	70°01.5	35°56.5	35°11.9	50°54.3	61°54.1	65°16.0	
10	270°02.5	9.3°	17°45.3	13.4'	58.9'	113°56.5	77°02.2	69°26.3	35°23.2	35°46.5	51°26.3	62°26.7	65°48.4	
11	284°30.9	9.3°	17°58.7	13.3'	58.9'	113°21.4	76°27.1	68°51.2	34°50.0	36°21.1	51°58.3	62°59.3	66°20.8	
12	298°59.1	9.2°	N18°12.0	13.2'	58.9'	112°46.2	75°52.0	68°16.0	34°16.8	36°55.7	52°30.3	63°32.0	66°53.3	
13	313°27.3	9.1°	18°25.3	13.1'	58.9'	112°11.1	75°16.9	67°40.8	33°43.7	37°30.3	53°02.3	64°04.6	67°25.7	
14	327°55.4	9.0°	18°38.4	13.0'	59.0'	111°35.9	74°41.8	67°05.6	33°10.6	38°04.9	53°34.3	64°37.3	67°58.3	
15	342°23.3	8.9°	18°51.5	12.9'	59.0'	111°00.7	74°06.7	66°30.4	32°37.5	38°39.6	54°06.4	65°09.9	68°30.8	
16	356°51.2	8.8°	19°04.4	12.8'	59.0'	110°25.6	73°31.6	65°55.1	32°04.6	39°14.2	54°38.4	65°42.6	69°03.4	
17	11°19.0	8.7°	19°17.2	12.7'	59.0'	109°50.4	72°56.4	65°19.9	31°31.6	39°48.9	55°10.5	66°15.3	69°36.0	
18	25°46.7	8.6°	N19°30.0	12.6'	59.0'	109°15.2	72°21.3	64°44.7	30°58.8	40°23.6	55°42.5	66°47.9	70°08.6	
19	40°14.3	8.5°	19°42.6	12.5'	59.0'	108°40.0	71°46.1	64°09.5	30°26.0	40°58.8	56°14.6	67°20.6	70°41.3	
20	54°41.7	8.4°	19°55.1	12.4'	59.0'	108°04.8	71°11.0	63°34.2	29°53.4	41°33.0	56°46.7	67°53.3	71°13.9	
21	69°09.1	8.3°	20°07.5	12.3'	59.0'	107°29.6	70°35.8	62°59.0	29°20.7	42°07.7	57°18.7	68°26.0	71°46.6	
22	83°36.4	8.2°	20°19.8	12.2'	59.0'	106°54.4	70°00.7	62°23.8	28°48.2	42°42.5	57°50.8	68°58.7	72°19.3	
23	98°03.6	8.1°	20°31.9	12.0'	59.0'	106°19.2	69°25.5	61°48.5	28°15.8	43°17.2	58°22.9	69°31.4	72°52.1	
22 nd	SD = 16.0'					Mer. pass. 16.13					Sun SD = 16.2'			