

Thu Mar 1, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	158°45.0'	176°53.7'	S 7°41.3'	9°45.5'	7.1'	N 13°42.3'	9.4'	60.0'
1	173°47.4'	191°53.8'	S 7°40.3'	24°11.6'	7.2'	N 13°33.0'	9.5'	60.0'
2	188°49.9'	206°53.9'	S 7°39.4'	38°37.8'	7.2'	N 13°23.5'	9.5'	60.0'
3	203°52.4'	221°54.0'	S 7°38.4'	53°04.1'	7.3'	N 13°14.0'	9.6'	60.0'
4	218°54.8'	236°54.1'	S 7°37.5'	67°30.4'	7.4'	N 13°04.3'	9.7'	60.0'
5	233°57.3'	251°54.3'	S 7°36.5'	81°56.8'	7.4'	N 12°54.6'	9.8'	59.9'
6	248°59.8'	266°54.4'	S 7°35.6'	96°23.2'	7.5'	N 12°44.9'	9.9'	59.9'
7	264°02.2'	281°54.5'	S 7°34.6'	110°49.7'	7.6'	N 12°35.0'	9.9'	59.9'
8	279°04.7'	296°54.6'	S 7°33.7'	125°16.3'	7.6'	N 12°25.1'	10.0'	59.9'
9	294°07.1'	311°54.8'	S 7°32.7'	139°42.9'	7.7'	N 12°15.1'	10.1'	59.9'
10	309°09.6'	326°54.9'	S 7°31.8'	154°09.6'	7.8'	N 12°05.0'	10.1'	59.9'
11	324°12.1'	341°55.0'	S 7°30.8'	168°36.4'	7.8'	N 11°54.8'	10.2'	59.8'
12	339°14.5'	356°55.1'	S 7°29.9'	183°03.2'	7.9'	N 11°44.6'	10.3'	59.8'
13	354°17.0'	11°55.2'	S 7°28.9'	197°30.1'	8.0'	N 11°34.3'	10.4'	59.8'
14	9°19.5'	26°55.4'	S 7°28.0'	211°57.0'	8.0'	N 11°24.0'	10.4'	59.8'
15	24°21.9'	41°55.5'	S 7°27.0'	226°24.1'	8.1'	N 11°13.6'	10.5'	59.8'
16	39°24.4'	56°55.6'	S 7°26.1'	240°51.2'	8.2'	N 11°03.1'	10.5'	59.7'
17	54°26.9'	71°55.7'	S 7°25.1'	255°18.3'	8.2'	N 10°52.6'	10.6'	59.7'
18	69°29.3'	86°55.9'	S 7°24.2'	269°45.5'	8.3'	N 10°42.0'	10.7'	59.7'
19	84°31.8'	101°56.0'	S 7°23.2'	284°12.8'	8.3'	N 10°31.3'	10.7'	59.7'
20	99°34.3'	116°56.1'	S 7°22.3'	298°40.2'	8.4'	N 10°20.6'	10.8'	59.7'
21	114°36.7'	131°56.2'	S 7°21.3'	313°07.6'	8.5'	N 10°09.8'	10.8'	59.6'
22	129°39.2'	146°56.4'	S 7°20.4'	327°35.0'	8.5'	N 9°59.0'	10.9'	59.6'
23	144°41.6'	161°56.5'	S 7°19.4'	342°02.6'	8.6'	N 9°48.1'	10.9'	59.6'

Fri Mar 2, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	159°44.1'	176°56.6'	S 7°18.5'	356°30.2'	8.7'	N 9°37.2'	11.0'	59.6'
1	174°46.6'	191°56.7'	S 7°17.5'	10°57.9'	8.7'	N 9°26.2'	11.0'	59.6'
2	189°49.0'	206°56.9'	S 7°16.6'	25°25.6'	8.8'	N 9°15.1'	11.1'	59.5'
3	204°51.5'	221°57.0'	S 7°15.6'	39°53.4'	8.9'	N 9°04.1'	11.1'	59.5'
4	219°54.0'	236°57.1'	S 7°14.7'	54°21.2'	8.9'	N 8°52.9'	11.2'	59.5'
5	234°56.4'	251°57.2'	S 7°13.7'	68°49.2'	9.0'	N 8°41.8'	11.2'	59.5'
6	249°58.9'	266°57.4'	S 7°12.7'	83°17.1'	9.0'	N 8°30.6'	11.3'	59.4'
7	265°01.4'	281°57.5'	S 7°11.8'	97°45.2'	9.1'	N 8°19.3'	11.3'	59.4'
8	280°03.8'	296°57.6'	S 7°10.8'	112°13.3'	9.2'	N 8°08.0'	11.3'	59.4'
9	295°06.3'	311°57.7'	S 7°09.9'	126°41.5'	9.2'	N 7°56.7'	11.4'	59.4'
10	310°08.7'	326°57.9'	S 7°08.9'	141°09.7'	9.3'	N 7°45.3'	11.4'	59.3'
11	325°11.2'	341°58.0'	S 7°08.0'	155°38.0'	9.4'	N 7°33.9'	11.4'	59.3'
12	340°13.7'	356°58.1'	S 7°07.0'	170°06.3'	9.4'	N 7°22.5'	11.5'	59.3'
13	355°16.1'	11°58.3'	S 7°06.1'	184°34.7'	9.5'	N 7°11.0'	11.5'	59.3'
14	10°18.6'	26°58.4'	S 7°05.1'	199°03.2'	9.5'	N 6°59.5'	11.5'	59.2'
15	25°21.1'	41°58.5'	S 7°04.2'	213°31.7'	9.6'	N 6°48.0'	11.6'	59.2'
16	40°23.5'	56°58.6'	S 7°03.2'	228°00.3'	9.6'	N 6°36.4'	11.6'	59.2'
17	55°26.0'	71°58.8'	S 7°02.2'	242°29.0'	9.7'	N 6°24.8'	11.6'	59.1'
18	70°28.5'	86°58.9'	S 7°01.3'	256°57.7'	9.8'	N 6°13.2'	11.6'	59.1'
19	85°30.9'	101°59.0'	S 7°00.3'	271°26.5'	9.8'	N 6°01.5'	11.7'	59.1'
20	100°33.4'	116°59.2'	S 6°59.4'	285°55.3'	9.9'	N 5°49.9'	11.7'	59.1'
21	115°35.9'	131°59.3'	S 6°58.4'	300°24.1'	9.9'	N 5°38.2'	11.7'	59.0'
22	130°38.3'	146°59.4'	S 6°57.5'	314°53.1'	10.0'	N 5°26.5'	11.7'	59.0'
23	145°40.8'	161°59.6'	S 6°56.5'	329°22.1'	10.0'	N 5°14.8'	11.7'	59.0'

Sat Mar 3, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	160°43.2'	176°59.7'	S 6°55.5'	343°51.1'	10.1'	N 5°03.0'	11.8'	58.9'
1	175°45.7'	191°59.8'	S 6°54.6'	358°20.2'	10.2'	N 4°51.3'	11.8'	58.9'
2	190°48.2'	206°59.9'	S 6°53.6'	12°49.4'	10.2'	N 4°39.5'	11.8'	58.9'
3	205°50.6'	222°00.1'	S 6°52.7'	27°18.6'	10.3'	N 4°27.7'	11.8'	58.9'
4	220°53.1'	237°00.2'	S 6°51.7'	41°47.8'	10.3'	N 4°15.9'	11.8'	58.8'
5	235°55.6'	252°00.3'	S 6°50.8'	56°17.1'	10.4'	N 4°04.1'	11.8'	58.8'
6	250°58.0'	267°00.5'	S 6°49.8'	70°46.5'	10.4'	N 3°52.2'	11.8'	58.8'
7	266°00.5'	282°00.6'	S 6°48.8'	85°15.9'	10.5'	N 3°40.4'	11.8'	58.7'
8	281°03.0'	297°00.7'	S 6°47.9'	99°45.4'	10.5'	N 3°28.6'	11.8'	58.7'
9	296°05.4'	312°00.9'	S 6°46.9'	114°14.9'	10.6'	N 3°16.7'	11.9'	58.7'
10	311°07.9'	327°01.0'	S 6°46.0'	128°44.5'	10.6'	N 3°04.9'	11.9'	58.6'
11	326°10.4'	342°01.1'	S 6°45.0'	143°14.1'	10.7'	N 2°53.0'	11.9'	58.6'
12	341°12.8'	357°01.3'	S 6°44.1'	157°43.7'	10.7'	N 2°41.2'	11.9'	58.6'
13	356°15.3'	12°01.4'	S 6°43.1'	172°13.4'	10.8'	N 2°29.3'	11.9'	58.5'
14	11°17.7'	27°01.5'	S 6°42.1'	186°43.2'	10.8'	N 2°17.4'	11.9'	58.5'
15	26°20.2'	42°01.7'	S 6°41.2'	201°13.0'	10.9'	N 2°05.6'	11.9'	58.5'
16	41°22.7'	57°01.8'	S 6°40.2'	215°42.9'	10.9'	N 1°53.7'	11.9'	58.4'
17	56°25.1'	72°01.9'	S 6°39.3'	230°12.8'	10.9'	N 1°41.9'	11.8'	58.4'
18	71°27.6'	87°02.1'	S 6°38.3'	244°42.7'	11.0'	N 1°30.0'	11.8'	58.4'
19	86°30.1'	102°02.2'	S 6°37.3'	259°12.7'	11.0'	N 1°18.2'	11.8'	58.3'
20	101°32.5'	117°02.3'	S 6°36.4'	273°42.7'	11.1'	N 1°06.4'	11.8'	58.3'
21	116°35.0'	132°02.5'	S 6°35.4'	288°12.8'	11.1'	N 0°54.5'	11.8'	58.3'
22	131°37.5'	147°02.6'	S 6°34.5'	302°42.9'	11.2'	N 0°42.7'	11.8'	58.2'
23	146°39.9'	162°02.7'	S 6°33.5'	317°13.0'	11.2'	N 0°30.9'	11.8'	58.2'

Sun Mar 4, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	161°42.4'	177°02.9'	S 6°32.5'	331°43.2'	11.2'	N 0°19.1'	11.8'	58.2'
1	176°44.8'	192°03.0'	S 6°31.6'	346°13.5'	11.3'	N 0°07.3'	11.8'	58.1'
2	191°47.3'	207°03.1'	S 6°30.6'	0°43.8'	11.3'	S 0°04.5'	11.8'	58.1'
3	206°49.8'	222°03.3'	S 6°29.6'	15°14.1'	11.4'	S 0°16.2'	11.7'	58.1'
4	221°52.2'	237°03.4'	S 6°28.7'	29°44.4'	11.4'	S 0°28.0'	11.7'	58.0'
5	236°54.7'	252°03.6'	S 6°27.7'	44°14.8'	11.4'	S 0°39.7'	11.7'	58.0'
6	251°57.2'	267°03.7'	S 6°26.8'	58°45.3'	11.5'	S 0°51.4'	11.7'	58.0'
7	266°59.6'	282°03.8'	S 6°25.8'	73°15.7'	11.5'	S 1°03.1'	11.7'	57.9'
8	282°02.1'	297°04.0'	S 6°24.8'	87°46.2'	11.5'	S 1°14.7'	11.6'	57.9'
9	297°04.6'	312°04.1'	S 6°23.9'	102°16.8'	11.6'	S 1°26.4'	11.6'	57.9'
10	312°07.0'	327°04.2'	S 6°22.9'	116°47.3'	11.6'	S 1°38.0'	11.6'	57.8'
11	327°09.5'	342°04.4'	S 6°22.0'	131°17.9'	11.6'	S 1°49.6'	11.6'	57.8'
12	342°12.0'	357°04.5'	S 6°21.0'	145°48.6'	11.7'	S 2°01.2'	11.6'	57.8'
13	357°14.4'	12°04.6'	S 6°20.0'	160°19.3'	11.7'	S 2°12.7'	11.5'	57.7'
14	12°16.9'	27°04.8'	S 6°19.1'	174°50.0'	11.7'	S 2°24.3'	11.5'	57.7'
15	27°19.3'	42°04.9'	S 6°18.1'	189°20.7'	11.8'	S 2°35.8'	11.5'	57.7'
16	42°21.8'	57°05.1'	S 6°17.1'	203°51.5'	11.8'	S 2°47.2'	11.4'	57.6'
17	57°24.3'	72°05.2'	S 6°16.2'	218°22.3'	11.8'	S 2°58.7'	11.4'	57.6'
18	72°26.7'	87°05.3'	S 6°15.2'	232°53.1'	11.9'	S 3°10.1'	11.4'	57.6'
19	87°29.2'	102°05.5'	S 6°14.2'	247°24.0'	11.9'	S 3°21.5'	11.4'	57.5'
20	102°31.7'	117°05.6'	S 6°13.3'	261°54.8'	11.9'	S 3°32.8'	11.3'	57.5'
21	117°34.1'	132°05.8'	S 6°12.3'	276°25.8'	11.9'	S 3°44.2'	11.3'	57.5'
22	132°36.6'	147°05.9'	S 6°11.4'	290°56.7'	12.0'	S 3°55.4'	11.3'	57.4'
23	147°39.1'	162°06.0'	S 6°10.4'	305°27.7'	12.0'	S 4°06.7'	11.2'	57.4'

Mon Mar 5, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.5'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	162°41.5'	177°06.2'	S 6°09.4'	319°58.7'	12.0'	S 4°17.9'	11.2'	57.3'
1	177°44.0'	192°06.3'	S 6°08.5'	334°29.7'	12.0'	S 4°29.1'	11.1'	57.3'
2	192°46.4'	207°06.5'	S 6°07.5'	349°00.7'	12.1'	S 4°40.2'	11.1'	57.3'
3	207°48.9'	222°06.6'	S 6°06.5'	3°31.8'	12.1'	S 4°51.3'	11.1'	57.2'
4	222°51.4'	237°06.7'	S 6°05.6'	18°02.9'	12.1'	S 5°02.4'	11.0'	57.2'
5	237°53.8'	252°06.9'	S 6°04.6'	32°34.0'	12.1'	S 5°13.4'	11.0'	57.2'
6	252°56.3'	267°07.0'	S 6°03.6'	47°05.1'	12.2'	S 5°24.4'	10.9'	57.1'
7	267°58.8'	282°07.2'	S 6°02.7'	61°36.3'	12.2'	S 5°35.4'	10.9'	57.1'
8	283°01.2'	297°07.3'	S 6°01.7'	76°07.5'	12.2'	S 5°46.3'	10.9'	57.1'
9	298°03.7'	312°07.4'	S 6°00.7'	90°38.7'	12.2'	S 5°57.2'	10.8'	57.0'
10	313°06.2'	327°07.6'	S 5°59.8'	105°09.9'	12.2'	S 6°08.0'	10.8'	57.0'
11	328°08.6'	342°07.7'	S 5°58.8'	119°41.1'	12.3'	S 6°18.8'	10.7'	57.0'
12	343°11.1'	357°07.9'	S 5°57.8'	134°12.4'	12.3'	S 6°29.5'	10.7'	56.9'
13	358°13.6'	12°08.0'	S 5°56.9'	148°43.7'	12.3'	S 6°40.2'	10.6'	56.9'
14	13°16.0'	27°08.1'	S 5°55.9'	163°15.0'	12.3'	S 6°50.8'	10.6'	56.9'
15	28°18.5'	42°08.3'	S 5°54.9'	177°46.3'	12.3'	S 7°01.4'	10.5'	56.8'
16	43°20.9'	57°08.4'	S 5°54.0'	192°17.6'	12.3'	S 7°12.0'	10.5'	56.8'
17	58°23.4'	72°08.6'	S 5°53.0'	206°48.9'	12.4'	S 7°22.5'	10.5'	56.8'
18	73°25.9'	87°08.7'	S 5°52.0'	221°20.3'	12.4'	S 7°32.9'	10.4'	56.7'
19	88°28.3'	102°08.9'	S 5°51.1'	235°51.7'	12.4'	S 7°43.3'	10.3'	56.7'
20	103°30.8'	117°09.0'	S 5°50.1'	250°23.1'	12.4'	S 7°53.7'	10.3'	56.7'
21	118°33.3'	132°09.2'	S 5°49.1'	264°54.5'	12.4'	S 8°04.0'	10.2'	56.6'
22	133°35.7'	147°09.3'	S 5°48.2'	279°25.9'	12.4'	S 8°14.2'	10.2'	56.6'
23	148°38.2'	162°09.4'	S 5°47.2'	293°57.3'	12.4'	S 8°24.4'	10.1'	56.6'

Tue Mar 6, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	163°40.7'	177°09.6'	S 5°46.2'	308°28.8'	12.5'	S 8°34.5'	10.1'	56.5'
1	178°43.1'	192°09.7'	S 5°45.3'	323°00.2'	12.5'	S 8°44.6'	10.0'	56.5'
2	193°45.6'	207°09.9'	S 5°44.3'	337°31.7'	12.5'	S 8°54.7'	10.0'	56.5'
3	208°48.0'	222°10.0'	S 5°43.3'	352°03.1'	12.5'	S 9°04.6'	9.9'	56.4'
4	223°50.5'	237°10.2'	S 5°42.4'	6°34.6'	12.5'	S 9°14.6'	9.9'	56.4'
5	238°53.0'	252°10.3'	S 5°41.4'	21°06.1'	12.5'	S 9°24.4'	9.8'	56.4'
6	253°55.4'	267°10.4'	S 5°40.4'	35°37.6'	12.5'	S 9°34.2'	9.8'	56.3'
7	268°57.9'	282°10.6'	S 5°39.5'	50°09.1'	12.5'	S 9°44.0'	9.7'	56.3'
8	284°00.4'	297°10.7'	S 5°38.5'	64°40.6'	12.5'	S 9°53.7'	9.6'	56.3'
9	299°02.8'	312°10.9'	S 5°37.5'	79°12.2'	12.5'	S 10°03.3'	9.6'	56.2'
10	314°05.3'	327°11.0'	S 5°36.5'	93°43.7'	12.5'	S 10°12.9'	9.5'	56.2'
11	329°07.8'	342°11.2'	S 5°35.6'	108°15.2'	12.5'	S 10°22.4'	9.5'	56.2'
12	344°10.2'	357°11.3'	S 5°34.6'	122°46.8'	12.6'	S 10°31.9'	9.4'	56.1'
13	359°12.7'	12°11.5'	S 5°33.6'	137°18.3'	12.6'	S 10°41.3'	9.3'	56.1'
14	14°15.2'	27°11.6'	S 5°32.7'	151°49.9'	12.6'	S 10°50.6'	9.3'	56.1'
15	29°17.6'	42°11.8'	S 5°31.7'	166°21.5'	12.6'	S 10°59.8'	9.2'	56.0'
16	44°20.1'	57°11.9'	S 5°30.7'	180°53.0'	12.6'	S 11°09.1'	9.1'	56.0'
17	59°22.5'	72°12.1'	S 5°29.8'	195°24.6'	12.6'	S 11°18.2'	9.1'	56.0'
18	74°25.0'	87°12.2'	S 5°28.8'	209°56.2'	12.6'	S 11°27.3'	9.0'	56.0'
19	89°27.5'	102°12.4'	S 5°27.8'	224°27.7'	12.6'	S 11°36.3'	8.9'	55.9'
20	104°29.9'	117°12.5'	S 5°26.8'	238°59.3'	12.6'	S 11°45.2'	8.9'	55.9'
21	119°32.4'	132°12.6'	S 5°25.9'	253°30.9'	12.6'	S 11°54.1'	8.8'	55.9'
22	134°34.9'	147°12.8'	S 5°24.9'	268°02.5'	12.6'	S 12°02.9'	8.8'	55.8'
23	149°37.3'	162°12.9'	S 5°23.9'	282°34.1'	12.6'	S 12°11.7'	8.7'	55.8'

Wed Mar 7, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	164°39.8'	177°13.1'	S 5°23.0'	297°05.7'	12.6'	S 12°20.4'	8.6'	55.8'
1	179°42.3'	192°13.2'	S 5°22.0'	311°37.2'	12.6'	S 12°29.0'	8.5'	55.7'
2	194°44.7'	207°13.4'	S 5°21.0'	326°08.8'	12.6'	S 12°37.5'	8.5'	55.7'
3	209°47.2'	222°13.5'	S 5°20.0'	340°40.4'	12.6'	S 12°46.0'	8.4'	55.7'
4	224°49.7'	237°13.7'	S 5°19.1'	355°12.0'	12.6'	S 12°54.4'	8.3'	55.7'
5	239°52.1'	252°13.8'	S 5°18.1'	9°43.6'	12.6'	S 13°02.8'	8.3'	55.6'
6	254°54.6'	267°14.0'	S 5°17.1'	24°15.2'	12.6'	S 13°11.0'	8.2'	55.6'
7	269°57.0'	282°14.1'	S 5°16.2'	38°46.8'	12.6'	S 13°19.2'	8.1'	55.6'
8	284°59.5'	297°14.3'	S 5°15.2'	53°18.3'	12.6'	S 13°27.4'	8.1'	55.5'
9	300°02.0'	312°14.4'	S 5°14.2'	67°49.9'	12.6'	S 13°35.4'	8.0'	55.5'
10	315°04.4'	327°14.6'	S 5°13.2'	82°21.5'	12.6'	S 13°43.4'	7.9'	55.5'
11	330°06.9'	342°14.7'	S 5°12.3'	96°53.1'	12.6'	S 13°51.3'	7.8'	55.5'
12	345°09.4'	357°14.9'	S 5°11.3'	111°24.7'	12.6'	S 13°59.2'	7.8'	55.4'
13	0°11.8'	12°15.0'	S 5°10.3'	125°56.2'	12.6'	S 14°06.9'	7.7'	55.4'
14	15°14.3'	27°15.2'	S 5°09.4'	140°27.8'	12.6'	S 14°14.6'	7.6'	55.4'
15	30°16.8'	42°15.3'	S 5°08.4'	154°59.3'	12.6'	S 14°22.3'	7.5'	55.4'
16	45°19.2'	57°15.5'	S 5°07.4'	169°30.9'	12.6'	S 14°29.8'	7.5'	55.3'
17	60°21.7'	72°15.6'	S 5°06.4'	184°02.5'	12.5'	S 14°37.3'	7.4'	55.3'
18	75°24.1'	87°15.8'	S 5°05.5'	198°34.0'	12.5'	S 14°44.7'	7.3'	55.3'
19	90°26.6'	102°15.9'	S 5°04.5'	213°05.6'	12.5'	S 14°52.0'	7.2'	55.3'
20	105°29.1'	117°16.1'	S 5°03.5'	227°37.1'	12.5'	S 14°59.3'	7.2'	55.2'
21	120°31.5'	132°16.2'	S 5°02.5'	242°08.6'	12.5'	S 15°06.4'	7.1'	55.2'
22	135°34.0'	147°16.4'	S 5°01.6'	256°40.2'	12.5'	S 15°13.5'	7.0'	55.2'
23	150°36.5'	162°16.5'	S 5°00.6'	271°11.7'	12.5'	S 15°20.5'	6.9'	55.2'

Thu Mar 8, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	165°38.9'	177°16.7'	S 4°59.6'	285°43.2'	12.5'	S 15°27.5'	6.9'	55.1'
1	180°41.4'	192°16.8'	S 4°58.6'	300°14.7'	12.5'	S 15°34.3'	6.8'	55.1'
2	195°43.9'	207°17.0'	S 4°57.7'	314°46.2'	12.5'	S 15°41.1'	6.7'	55.1'
3	210°46.3'	222°17.2'	S 4°56.7'	329°17.7'	12.5'	S 15°47.8'	6.6'	55.1'
4	225°48.8'	237°17.3'	S 4°55.7'	343°49.2'	12.5'	S 15°54.5'	6.5'	55.0'
5	240°51.3'	252°17.5'	S 4°54.7'	358°20.7'	12.5'	S 16°01.0'	6.5'	55.0'
6	255°53.7'	267°17.6'	S 4°53.8'	12°52.2'	12.5'	S 16°07.5'	6.4'	55.0'
7	270°56.2'	282°17.8'	S 4°52.8'	27°23.6'	12.5'	S 16°13.9'	6.3'	55.0'
8	285°58.6'	297°17.9'	S 4°51.8'	41°55.1'	12.5'	S 16°20.2'	6.2'	55.0'
9	301°01.1'	312°18.1'	S 4°50.8'	56°26.5'	12.4'	S 16°26.4'	6.1'	54.9'
10	316°03.6'	327°18.2'	S 4°49.9'	70°58.0'	12.4'	S 16°32.5'	6.1'	54.9'
11	331°06.0'	342°18.4'	S 4°48.9'	85°29.4'	12.4'	S 16°38.6'	6.0'	54.9'
12	346°08.5'	357°18.5'	S 4°47.9'	100°00.9'	12.4'	S 16°44.6'	5.9'	54.9'
13	1°11.0'	12°18.7'	S 4°46.9'	114°32.3'	12.4'	S 16°50.5'	5.8'	54.9'
14	16°13.4'	27°18.8'	S 4°46.0'	129°03.7'	12.4'	S 16°56.3'	5.7'	54.8'
15	31°15.9'	42°19.0'	S 4°45.0'	143°35.1'	12.4'	S 17°02.0'	5.7'	54.8'
16	46°18.4'	57°19.1'	S 4°44.0'	158°06.5'	12.4'	S 17°07.7'	5.6'	54.8'
17	61°20.8'	72°19.3'	S 4°43.0'	172°37.9'	12.4'	S 17°13.3'	5.5'	54.8'
18	76°23.3'	87°19.5'	S 4°42.1'	187°09.3'	12.4'	S 17°18.7'	5.4'	54.8'
19	91°25.8'	102°19.6'	S 4°41.1'	201°40.6'	12.4'	S 17°24.1'	5.3'	54.7'
20	106°28.2'	117°19.8'	S 4°40.1'	216°12.0'	12.4'	S 17°29.5'	5.2'	54.7'
21	121°30.7'	132°19.9'	S 4°39.1'	230°43.4'	12.3'	S 17°34.7'	5.2'	54.7'
22	136°33.1'	147°20.1'	S 4°38.2'	245°14.7'	12.3'	S 17°39.9'	5.1'	54.7'
23	151°35.6'	162°20.2'	S 4°37.2'	259°46.1'	12.3'	S 17°44.9'	5.0'	54.7'

Fri Mar 9, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	166°38.1'	177°20.4'	S 4°36.2'	274°17.4'	12.3'	S 17°49.9'	4.9'	54.7'
1	181°40.5'	192°20.5'	S 4°35.2'	288°48.7'	12.3'	S 17°54.8'	4.8'	54.6'
2	196°43.0'	207°20.7'	S 4°34.2'	303°20.0'	12.3'	S 17°59.6'	4.7'	54.6'
3	211°45.5'	222°20.9'	S 4°33.3'	317°51.3'	12.3'	S 18°04.3'	4.6'	54.6'
4	226°47.9'	237°21.0'	S 4°32.3'	332°22.6'	12.3'	S 18°09.0'	4.6'	54.6'
5	241°50.4'	252°21.2'	S 4°31.3'	346°53.9'	12.3'	S 18°13.5'	4.5'	54.6'
6	256°52.9'	267°21.3'	S 4°30.3'	1°25.2'	12.3'	S 18°18.0'	4.4'	54.6'
7	271°55.3'	282°21.5'	S 4°29.4'	15°56.4'	12.3'	S 18°22.4'	4.3'	54.5'
8	286°57.8'	297°21.6'	S 4°28.4'	30°27.7'	12.3'	S 18°26.6'	4.2'	54.5'
9	302°00.2'	312°21.8'	S 4°27.4'	44°59.0'	12.2'	S 18°30.8'	4.1'	54.5'
10	317°02.7'	327°22.0'	S 4°26.4'	59°30.2'	12.2'	S 18°35.0'	4.0'	54.5'
11	332°05.2'	342°22.1'	S 4°25.5'	74°01.4'	12.2'	S 18°39.0'	3.9'	54.5'
12	347°07.6'	357°22.3'	S 4°24.5'	88°32.7'	12.2'	S 18°42.9'	3.9'	54.5'
13	2°10.1'	12°22.4'	S 4°23.5'	103°03.9'	12.2'	S 18°46.8'	3.8'	54.5'
14	17°12.6'	27°22.6'	S 4°22.5'	117°35.1'	12.2'	S 18°50.5'	3.7'	54.4'
15	32°15.0'	42°22.7'	S 4°21.5'	132°06.3'	12.2'	S 18°54.2'	3.6'	54.4'
16	47°17.5'	57°22.9'	S 4°20.6'	146°37.5'	12.2'	S 18°57.8'	3.5'	54.4'
17	62°20.0'	72°23.1'	S 4°19.6'	161°08.7'	12.2'	S 19°01.3'	3.4'	54.4'
18	77°22.4'	87°23.2'	S 4°18.6'	175°39.8'	12.2'	S 19°04.7'	3.3'	54.4'
19	92°24.9'	102°23.4'	S 4°17.6'	190°11.0'	12.2'	S 19°08.0'	3.2'	54.4'
20	107°27.4'	117°23.5'	S 4°16.6'	204°42.2'	12.2'	S 19°11.3'	3.1'	54.4'
21	122°29.8'	132°23.7'	S 4°15.7'	219°13.3'	12.1'	S 19°14.4'	3.0'	54.4'
22	137°32.3'	147°23.9'	S 4°14.7'	233°44.5'	12.1'	S 19°17.4'	3.0'	54.4'
23	152°34.7'	162°24.0'	S 4°13.7'	248°15.6'	12.1'	S 19°20.4'	2.9'	54.3'

Sat Mar 10, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	167°37.2'	177°24.2'	S 4°12.7'	262°46.7'	12.1'	S 19°23.3'	2.8'	54.3'
1	182°39.7'	192°24.3'	S 4°11.8'	277°17.9'	12.1'	S 19°26.0'	2.7'	54.3'
2	197°42.1'	207°24.5'	S 4°10.8'	291°49.0'	12.1'	S 19°28.7'	2.6'	54.3'
3	212°44.6'	222°24.6'	S 4°09.8'	306°20.1'	12.1'	S 19°31.3'	2.5'	54.3'
4	227°47.1'	237°24.8'	S 4°08.8'	320°51.2'	12.1'	S 19°33.8'	2.4'	54.3'
5	242°49.5'	252°25.0'	S 4°07.8'	335°22.3'	12.1'	S 19°36.2'	2.3'	54.3'
6	257°52.0'	267°25.1'	S 4°06.9'	349°53.4'	12.1'	S 19°38.6'	2.2'	54.3'
7	272°54.5'	282°25.3'	S 4°05.9'	4°24.4'	12.1'	S 19°40.8'	2.1'	54.3'
8	287°56.9'	297°25.4'	S 4°04.9'	18°55.5'	12.1'	S 19°42.9'	2.0'	54.3'
9	302°59.4'	312°25.6'	S 4°03.9'	33°26.6'	12.1'	S 19°45.0'	2.0'	54.3'
10	318°01.9'	327°25.8'	S 4°02.9'	47°57.7'	12.1'	S 19°46.9'	1.9'	54.3'
11	333°04.3'	342°25.9'	S 4°02.0'	62°28.7'	12.1'	S 19°48.8'	1.8'	54.2'
12	348°06.8'	357°26.1'	S 4°01.0'	76°59.8'	12.0'	S 19°50.6'	1.7'	54.2'
13	3°09.2'	12°26.3'	S 3°60.0'	91°30.8'	12.0'	S 19°52.3'	1.6'	54.2'
14	18°11.7'	27°26.4'	S 3°59.0'	106°01.9'	12.0'	S 19°53.9'	1.5'	54.2'
15	33°14.2'	42°26.6'	S 3°58.0'	120°32.9'	12.0'	S 19°55.4'	1.4'	54.2'
16	48°16.6'	57°26.7'	S 3°57.1'	135°03.9'	12.0'	S 19°56.8'	1.3'	54.2'
17	63°19.1'	72°26.9'	S 3°56.1'	149°35.0'	12.0'	S 19°58.1'	1.2'	54.2'
18	78°21.6'	87°27.1'	S 3°55.1'	164°06.0'	12.0'	S 19°59.3'	1.1'	54.2'
19	93°24.0'	102°27.2'	S 3°54.1'	178°37.0'	12.0'	S 20°00.4'	1.0'	54.2'
20	108°26.5'	117°27.4'	S 3°53.1'	193°08.0'	12.0'	S 20°01.4'	0.9'	54.2'
21	123°29.0'	132°27.5'	S 3°52.1'	207°39.0'	12.0'	S 20°02.4'	0.8'	54.2'
22	138°31.4'	147°27.7'	S 3°51.2'	222°10.0'	12.0'	S 20°03.2'	0.8'	54.2'
23	153°33.9'	162°27.9'	S 3°50.2'	236°41.1'	12.0'	S 20°04.0'	0.7'	54.2'

Sun Mar 11, 2018 UTC

UTC	Aries	Sun		Moon				HP
	GHA	d = 1.0' SD = 16.1'		SD = 14.8'				
		GHA	dec	GHA	v	dec	d	
0	168°36.3'	177°28.0'	S 3°49.2'	251°12.1'	12.0'	S 20°04.7'	0.6'	54.2'
1	183°38.8'	192°28.2'	S 3°48.2'	265°43.1'	12.0'	S 20°05.2'	0.5'	54.2'
2	198°41.3'	207°28.4'	S 3°47.2'	280°14.1'	12.0'	S 20°05.7'	0.4'	54.2'
3	213°43.7'	222°28.5'	S 3°46.3'	294°45.1'	12.0'	S 20°06.1'	0.3'	54.2'
4	228°46.2'	237°28.7'	S 3°45.3'	309°16.1'	12.0'	S 20°06.4'	0.2'	54.2'
5	243°48.7'	252°28.8'	S 3°44.3'	323°47.0'	12.0'	S 20°06.6'	0.1'	54.2'
6	258°51.1'	267°29.0'	S 3°43.3'	338°18.0'	12.0'	S 20°06.7'	0.0'	54.2'
7	273°53.6'	282°29.2'	S 3°42.3'	352°49.0'	12.0'	S 20°06.7'	0.1'	54.2'
8	288°56.1'	297°29.3'	S 3°41.4'	7°20.0'	12.0'	S 20°06.6'	0.2'	54.2'
9	303°58.5'	312°29.5'	S 3°40.4'	21°51.0'	12.0'	S 20°06.4'	0.3'	54.2'
10	319°01.0'	327°29.7'	S 3°39.4'	36°22.0'	12.0'	S 20°06.2'	0.4'	54.2'
11	334°03.5'	342°29.8'	S 3°38.4'	50°53.0'	12.0'	S 20°05.8'	0.5'	54.2'
12	349°05.9'	357°30.0'	S 3°37.4'	65°24.0'	12.0'	S 20°05.3'	0.5'	54.2'
13	4°08.4'	12°30.2'	S 3°36.4'	79°55.0'	12.0'	S 20°04.8'	0.6'	54.2'
14	19°10.8'	27°30.3'	S 3°35.5'	94°26.0'	12.0'	S 20°04.2'	0.7'	54.2'
15	34°13.3'	42°30.5'	S 3°34.5'	108°57.0'	12.0'	S 20°03.4'	0.8'	54.2'
16	49°15.8'	57°30.6'	S 3°33.5'	123°28.0'	12.0'	S 20°02.6'	0.9'	54.2'
17	64°18.2'	72°30.8'	S 3°32.5'	137°58.9'	12.0'	S 20°01.7'	1.0'	54.2'
18	79°20.7'	87°31.0'	S 3°31.5'	152°29.9'	12.0'	S 20°00.7'	1.1'	54.2'
19	94°23.2'	102°31.1'	S 3°30.5'	167°00.9'	12.0'	S 19°59.6'	1.2'	54.2'
20	109°25.6'	117°31.3'	S 3°29.6'	181°31.9'	12.0'	S 19°58.4'	1.3'	54.2'
21	124°28.1'	132°31.5'	S 3°28.6'	196°02.9'	12.0'	S 19°57.1'	1.4'	54.2'
22	139°30.6'	147°31.6'	S 3°27.6'	210°34.0'	12.0'	S 19°55.7'	1.5'	54.2'
23	154°33.0'	162°31.8'	S 3°26.6'	225°05.0'	12.0'	S 19°54.2'	1.6'	54.2'

Mon Mar 12, 2018 UTC

UTC	Aries	Sun		Moon				HP
	GHA	d = 1.0' SD = 16.1'		SD = 14.8'				
		GHA	dec	GHA	v	dec	d	
0	169°35.5'	177°32.0'	S 3°25.6'	239°36.0'	12.0'	S 19°52.6'	1.7'	54.2'
1	184°38.0'	192°32.1'	S 3°24.6'	254°07.0'	12.0'	S 19°51.0'	1.8'	54.2'
2	199°40.4'	207°32.3'	S 3°23.7'	268°38.0'	12.0'	S 19°49.2'	1.8'	54.2'
3	214°42.9'	222°32.5'	S 3°22.7'	283°09.0'	12.0'	S 19°47.4'	1.9'	54.2'
4	229°45.3'	237°32.6'	S 3°21.7'	297°40.1'	12.0'	S 19°45.4'	2.0'	54.2'
5	244°47.8'	252°32.8'	S 3°20.7'	312°11.1'	12.0'	S 19°43.4'	2.1'	54.2'
6	259°50.3'	267°33.0'	S 3°19.7'	326°42.1'	12.0'	S 19°41.3'	2.2'	54.2'
7	274°52.7'	282°33.1'	S 3°18.7'	341°13.2'	12.0'	S 19°39.1'	2.3'	54.3'
8	289°55.2'	297°33.3'	S 3°17.8'	355°44.2'	12.1'	S 19°36.8'	2.4'	54.3'
9	304°57.7'	312°33.5'	S 3°16.8'	10°15.3'	12.1'	S 19°34.4'	2.5'	54.3'
10	320°00.1'	327°33.6'	S 3°15.8'	24°46.3'	12.1'	S 19°31.9'	2.6'	54.3'
11	335°02.6'	342°33.8'	S 3°14.8'	39°17.4'	12.1'	S 19°29.3'	2.7'	54.3'
12	350°05.1'	357°34.0'	S 3°13.8'	53°48.5'	12.1'	S 19°26.6'	2.8'	54.3'
13	5°07.5'	12°34.1'	S 3°12.8'	68°19.6'	12.1'	S 19°23.9'	2.9'	54.3'
14	20°10.0'	27°34.3'	S 3°11.9'	82°50.6'	12.1'	S 19°21.0'	2.9'	54.3'
15	35°12.4'	42°34.5'	S 3°10.9'	97°21.7'	12.1'	S 19°18.1'	3.0'	54.3'
16	50°14.9'	57°34.6'	S 3°09.9'	111°52.8'	12.1'	S 19°15.0'	3.1'	54.3'
17	65°17.4'	72°34.8'	S 3°08.9'	126°23.9'	12.1'	S 19°11.9'	3.2'	54.3'
18	80°19.8'	87°35.0'	S 3°07.9'	140°55.1'	12.1'	S 19°08.7'	3.3'	54.3'
19	95°22.3'	102°35.1'	S 3°06.9'	155°26.2'	12.1'	S 19°05.4'	3.4'	54.3'
20	110°24.8'	117°35.3'	S 3°06.0'	169°57.3'	12.1'	S 19°02.0'	3.5'	54.4'
21	125°27.2'	132°35.5'	S 3°05.0'	184°28.4'	12.1'	S 18°58.5'	3.6'	54.4'
22	140°29.7'	147°35.6'	S 3°04.0'	198°59.6'	12.2'	S 18°54.9'	3.7'	54.4'
23	155°32.2'	162°35.8'	S 3°03.0'	213°30.7'	12.2'	S 18°51.3'	3.8'	54.4'

Tue Mar 13, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	170°34.6'	177°36.0'	S 3°02.0'	228°01.9'	12.2'	S 18°47.5'	3.8'	54.4'
1	185°37.1'	192°36.1'	S 3°01.0'	242°33.1'	12.2'	S 18°43.7'	3.9'	54.4'
2	200°39.6'	207°36.3'	S 3°00.0'	257°04.3'	12.2'	S 18°39.7'	4.0'	54.4'
3	215°42.0'	222°36.5'	S 2°59.1'	271°35.5'	12.2'	S 18°35.7'	4.1'	54.4'
4	230°44.5'	237°36.7'	S 2°58.1'	286°06.7'	12.2'	S 18°31.6'	4.2'	54.4'
5	245°46.9'	252°36.8'	S 2°57.1'	300°37.9'	12.2'	S 18°27.4'	4.3'	54.5'
6	260°49.4'	267°37.0'	S 2°56.1'	315°09.1'	12.2'	S 18°23.1'	4.4'	54.5'
7	275°51.9'	282°37.2'	S 2°55.1'	329°40.3'	12.2'	S 18°18.8'	4.5'	54.5'
8	290°54.3'	297°37.3'	S 2°54.1'	344°11.6'	12.3'	S 18°14.3'	4.5'	54.5'
9	305°56.8'	312°37.5'	S 2°53.1'	358°42.8'	12.3'	S 18°09.8'	4.6'	54.5'
10	320°59.3'	327°37.7'	S 2°52.2'	13°14.1'	12.3'	S 18°05.1'	4.7'	54.5'
11	336°01.7'	342°37.8'	S 2°51.2'	27°45.4'	12.3'	S 18°00.4'	4.8'	54.5'
12	351°04.2'	357°38.0'	S 2°50.2'	42°16.6'	12.3'	S 17°55.6'	4.9'	54.5'
13	6°06.7'	12°38.2'	S 2°49.2'	56°47.9'	12.3'	S 17°50.7'	5.0'	54.6'
14	21°09.1'	27°38.3'	S 2°48.2'	71°19.2'	12.3'	S 17°45.8'	5.1'	54.6'
15	36°11.6'	42°38.5'	S 2°47.2'	85°50.6'	12.3'	S 17°40.7'	5.1'	54.6'
16	51°14.1'	57°38.7'	S 2°46.2'	100°21.9'	12.3'	S 17°35.5'	5.2'	54.6'
17	66°16.5'	72°38.9'	S 2°45.3'	114°53.2'	12.4'	S 17°30.3'	5.3'	54.6'
18	81°19.0'	87°39.0'	S 2°44.3'	129°24.6'	12.4'	S 17°25.0'	5.4'	54.6'
19	96°21.4'	102°39.2'	S 2°43.3'	143°55.9'	12.4'	S 17°19.6'	5.5'	54.6'
20	111°23.9'	117°39.4'	S 2°42.3'	158°27.3'	12.4'	S 17°14.1'	5.6'	54.7'
21	126°26.4'	132°39.5'	S 2°41.3'	172°58.7'	12.4'	S 17°08.6'	5.6'	54.7'
22	141°28.8'	147°39.7'	S 2°40.3'	187°30.1'	12.4'	S 17°02.9'	5.7'	54.7'
23	156°31.3'	162°39.9'	S 2°39.3'	202°01.5'	12.4'	S 16°57.2'	5.8'	54.7'

Wed Mar 14, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	171°33.8'	177°40.1'	S 2°38.4'	216°32.9'	12.4'	S 16°51.4'	5.9'	54.7'
1	186°36.2'	192°40.2'	S 2°37.4'	231°04.4'	12.4'	S 16°45.5'	6.0'	54.7'
2	201°38.7'	207°40.4'	S 2°36.4'	245°35.8'	12.5'	S 16°39.5'	6.1'	54.7'
3	216°41.2'	222°40.6'	S 2°35.4'	260°07.3'	12.5'	S 16°33.5'	6.1'	54.8'
4	231°43.6'	237°40.7'	S 2°34.4'	274°38.7'	12.5'	S 16°27.3'	6.2'	54.8'
5	246°46.1'	252°40.9'	S 2°33.4'	289°10.2'	12.5'	S 16°21.1'	6.3'	54.8'
6	261°48.5'	267°41.1'	S 2°32.4'	303°41.7'	12.5'	S 16°14.8'	6.4'	54.8'
7	276°51.0'	282°41.3'	S 2°31.5'	318°13.2'	12.5'	S 16°08.4'	6.5'	54.8'
8	291°53.5'	297°41.4'	S 2°30.5'	332°44.7'	12.5'	S 16°02.0'	6.5'	54.8'
9	306°55.9'	312°41.6'	S 2°29.5'	347°16.3'	12.5'	S 15°55.4'	6.6'	54.9'
10	321°58.4'	327°41.8'	S 2°28.5'	1°47.8'	12.6'	S 15°48.8'	6.7'	54.9'
11	337°00.9'	342°41.9'	S 2°27.5'	16°19.3'	12.6'	S 15°42.1'	6.8'	54.9'
12	352°03.3'	357°42.1'	S 2°26.5'	30°50.9'	12.6'	S 15°35.4'	6.8'	54.9'
13	7°05.8'	12°42.3'	S 2°25.5'	45°22.5'	12.6'	S 15°28.5'	6.9'	54.9'
14	22°08.3'	27°42.5'	S 2°24.6'	59°54.1'	12.6'	S 15°21.6'	7.0'	54.9'
15	37°10.7'	42°42.6'	S 2°23.6'	74°25.7'	12.6'	S 15°14.6'	7.1'	55.0'
16	52°13.2'	57°42.8'	S 2°22.6'	88°57.3'	12.6'	S 15°07.5'	7.1'	55.0'
17	67°15.7'	72°43.0'	S 2°21.6'	103°28.9'	12.6'	S 15°00.4'	7.2'	55.0'
18	82°18.1'	87°43.1'	S 2°20.6'	118°00.6'	12.6'	S 14°53.2'	7.3'	55.0'
19	97°20.6'	102°43.3'	S 2°19.6'	132°32.2'	12.7'	S 14°45.9'	7.4'	55.0'
20	112°23.0'	117°43.5'	S 2°18.6'	147°03.9'	12.7'	S 14°38.5'	7.4'	55.1'
21	127°25.5'	132°43.7'	S 2°17.6'	161°35.5'	12.7'	S 14°31.1'	7.5'	55.1'
22	142°28.0'	147°43.8'	S 2°16.7'	176°07.2'	12.7'	S 14°23.6'	7.6'	55.1'
23	157°30.4'	162°44.0'	S 2°15.7'	190°38.9'	12.7'	S 14°16.0'	7.7'	55.1'

Thu Mar 15, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	172°32.9'	177°44.2'	S 2°14.7'	205°10.6'	12.7'	S 14°08.3'	7.7'	55.1'
1	187°35.4'	192°44.4'	S 2°13.7'	219°42.4'	12.7'	S 14°00.6'	7.8'	55.2'
2	202°37.8'	207°44.5'	S 2°12.7'	234°14.1'	12.7'	S 13°52.8'	7.9'	55.2'
3	217°40.3'	222°44.7'	S 2°11.7'	248°45.8'	12.8'	S 13°44.9'	7.9'	55.2'
4	232°42.8'	237°44.9'	S 2°10.7'	263°17.6'	12.8'	S 13°37.0'	8.0'	55.2'
5	247°45.2'	252°45.1'	S 2°09.7'	277°49.3'	12.8'	S 13°28.9'	8.1'	55.2'
6	262°47.7'	267°45.2'	S 2°08.8'	292°21.1'	12.8'	S 13°20.9'	8.1'	55.2'
7	277°50.2'	282°45.4'	S 2°07.8'	306°52.9'	12.8'	S 13°12.7'	8.2'	55.3'
8	292°52.6'	297°45.6'	S 2°06.8'	321°24.7'	12.8'	S 13°04.5'	8.3'	55.3'
9	307°55.1'	312°45.8'	S 2°05.8'	335°56.5'	12.8'	S 12°56.2'	8.4'	55.3'
10	322°57.5'	327°45.9'	S 2°04.8'	350°28.3'	12.8'	S 12°47.9'	8.4'	55.3'
11	338°00.0'	342°46.1'	S 2°03.8'	5°00.1'	12.8'	S 12°39.4'	8.5'	55.4'
12	353°02.5'	357°46.3'	S 2°02.8'	19°31.9'	12.8'	S 12°31.0'	8.5'	55.4'
13	8°04.9'	12°46.5'	S 2°01.8'	34°03.8'	12.8'	S 12°22.4'	8.6'	55.4'
14	23°07.4'	27°46.6'	S 2°00.9'	48°35.6'	12.9'	S 12°13.8'	8.7'	55.4'
15	38°09.9'	42°46.8'	S 1°59.9'	63°07.5'	12.9'	S 12°05.1'	8.7'	55.4'
16	53°12.3'	57°47.0'	S 1°58.9'	77°39.4'	12.9'	S 11°56.4'	8.8'	55.5'
17	68°14.8'	72°47.2'	S 1°57.9'	92°11.2'	12.9'	S 11°47.6'	8.9'	55.5'
18	83°17.3'	87°47.3'	S 1°56.9'	106°43.1'	12.9'	S 11°38.7'	8.9'	55.5'
19	98°19.7'	102°47.5'	S 1°55.9'	121°15.0'	12.9'	S 11°29.8'	9.0'	55.5'
20	113°22.2'	117°47.7'	S 1°54.9'	135°46.9'	12.9'	S 11°20.8'	9.0'	55.5'
21	128°24.6'	132°47.9'	S 1°53.9'	150°18.8'	12.9'	S 11°11.8'	9.1'	55.6'
22	143°27.1'	147°48.0'	S 1°53.0'	164°50.7'	12.9'	S 11°02.7'	9.2'	55.6'
23	158°29.6'	162°48.2'	S 1°52.0'	179°22.6'	12.9'	S 10°53.5'	9.2'	55.6'

Fri Mar 16, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	173°32.0'	177°48.4'	S 1°51.0'	193°54.6'	12.9'	S 10°44.3'	9.3'	55.6'
1	188°34.5'	192°48.6'	S 1°50.0'	208°26.5'	12.9'	S 10°35.0'	9.3'	55.6'
2	203°37.0'	207°48.7'	S 1°49.0'	222°58.4'	12.9'	S 10°25.7'	9.4'	55.7'
3	218°39.4'	222°48.9'	S 1°48.0'	237°30.4'	12.9'	S 10°16.3'	9.4'	55.7'
4	233°41.9'	237°49.1'	S 1°47.0'	252°02.3'	13.0'	S 10°06.8'	9.5'	55.7'
5	248°44.4'	252°49.3'	S 1°46.0'	266°34.3'	13.0'	S 9°57.3'	9.6'	55.7'
6	263°46.8'	267°49.4'	S 1°45.1'	281°06.2'	13.0'	S 9°47.8'	9.6'	55.8'
7	278°49.3'	282°49.6'	S 1°44.1'	295°38.2'	13.0'	S 9°38.2'	9.7'	55.8'
8	293°51.8'	297°49.8'	S 1°43.1'	310°10.1'	13.0'	S 9°28.5'	9.7'	55.8'
9	308°54.2'	312°50.0'	S 1°42.1'	324°42.1'	13.0'	S 9°18.8'	9.8'	55.8'
10	323°56.7'	327°50.1'	S 1°41.1'	339°14.1'	13.0'	S 9°09.0'	9.8'	55.8'
11	338°59.1'	342°50.3'	S 1°40.1'	353°46.0'	13.0'	S 8°59.2'	9.9'	55.9'
12	354°01.6'	357°50.5'	S 1°39.1'	8°18.0'	13.0'	S 8°49.3'	9.9'	55.9'
13	9°04.1'	12°50.7'	S 1°38.1'	22°50.0'	13.0'	S 8°39.4'	10.0'	55.9'
14	24°06.5'	27°50.9'	S 1°37.1'	37°22.0'	13.0'	S 8°29.5'	10.0'	55.9'
15	39°09.0'	42°51.0'	S 1°36.2'	51°54.0'	13.0'	S 8°19.4'	10.1'	56.0'
16	54°11.5'	57°51.2'	S 1°35.2'	66°25.9'	13.0'	S 8°09.4'	10.1'	56.0'
17	69°13.9'	72°51.4'	S 1°34.2'	80°57.9'	13.0'	S 7°59.3'	10.2'	56.0'
18	84°16.4'	87°51.6'	S 1°33.2'	95°29.9'	13.0'	S 7°49.1'	10.2'	56.0'
19	99°18.9'	102°51.7'	S 1°32.2'	110°01.9'	13.0'	S 7°38.9'	10.2'	56.0'
20	114°21.3'	117°51.9'	S 1°31.2'	124°33.9'	13.0'	S 7°28.7'	10.3'	56.1'
21	129°23.8'	132°52.1'	S 1°30.2'	139°05.8'	13.0'	S 7°18.4'	10.3'	56.1'
22	144°26.2'	147°52.3'	S 1°29.2'	153°37.8'	13.0'	S 7°08.1'	10.4'	56.1'
23	159°28.7'	162°52.5'	S 1°28.3'	168°09.8'	13.0'	S 6°57.7'	10.4'	56.1'



Sat Mar 17, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	174°31.2'	177°52.6'	S 1°27.3'	182°41.8'	13.0'	S 6°47.3'	10.5'	56.2'
1	189°33.6'	192°52.8'	S 1°26.3'	197°13.7'	13.0'	S 6°36.8'	10.5'	56.2'
2	204°36.1'	207°53.0'	S 1°25.3'	211°45.7'	13.0'	S 6°26.3'	10.5'	56.2'
3	219°38.6'	222°53.2'	S 1°24.3'	226°17.7'	13.0'	S 6°15.8'	10.6'	56.2'
4	234°41.0'	237°53.3'	S 1°23.3'	240°49.6'	13.0'	S 6°05.2'	10.6'	56.2'
5	249°43.5'	252°53.5'	S 1°22.3'	255°21.6'	12.9'	S 5°54.6'	10.6'	56.3'
6	264°46.0'	267°53.7'	S 1°21.3'	269°53.5'	12.9'	S 5°44.0'	10.7'	56.3'
7	279°48.4'	282°53.9'	S 1°20.3'	284°25.5'	12.9'	S 5°33.3'	10.7'	56.3'
8	294°50.9'	297°54.1'	S 1°19.4'	298°57.4'	12.9'	S 5°22.6'	10.8'	56.3'
9	309°53.4'	312°54.2'	S 1°18.4'	313°29.4'	12.9'	S 5°11.8'	10.8'	56.4'
10	324°55.8'	327°54.4'	S 1°17.4'	328°01.3'	12.9'	S 5°01.0'	10.8'	56.4'
11	339°58.3'	342°54.6'	S 1°16.4'	342°33.2'	12.9'	S 4°50.2'	10.8'	56.4'
12	355°00.7'	357°54.8'	S 1°15.4'	357°05.1'	12.9'	S 4°39.4'	10.9'	56.4'
13	10°03.2'	12°55.0'	S 1°14.4'	11°37.0'	12.9'	S 4°28.5'	10.9'	56.5'
14	25°05.7'	27°55.1'	S 1°13.4'	26°08.9'	12.9'	S 4°17.6'	10.9'	56.5'
15	40°08.1'	42°55.3'	S 1°12.4'	40°40.8'	12.9'	S 4°06.6'	11.0'	56.5'
16	55°10.6'	57°55.5'	S 1°11.4'	55°12.6'	12.9'	S 3°55.7'	11.0'	56.5'
17	70°13.1'	72°55.7'	S 1°10.5'	69°44.5'	12.8'	S 3°44.7'	11.0'	56.5'
18	85°15.5'	87°55.8'	S 1°09.5'	84°16.3'	12.8'	S 3°33.7'	11.0'	56.6'
19	100°18.0'	102°56.0'	S 1°08.5'	98°48.2'	12.8'	S 3°22.6'	11.1'	56.6'
20	115°20.5'	117°56.2'	S 1°07.5'	113°20.0'	12.8'	S 3°11.5'	11.1'	56.6'
21	130°22.9'	132°56.4'	S 1°06.5'	127°51.8'	12.8'	S 3°00.4'	11.1'	56.6'
22	145°25.4'	147°56.6'	S 1°05.5'	142°23.6'	12.8'	S 2°49.3'	11.1'	56.7'
23	160°27.8'	162°56.7'	S 1°04.5'	156°55.4'	12.8'	S 2°38.2'	11.2'	56.7'

Sun Mar 18, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.5'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	175°30.3'	177°56.9'	S 1°03.5'	171°27.2'	12.8'	S 2°27.0'	11.2'	56.7'
1	190°32.8'	192°57.1'	S 1°02.5'	185°58.9'	12.7'	S 2°15.8'	11.2'	56.7'
2	205°35.2'	207°57.3'	S 1°01.6'	200°30.7'	12.7'	S 2°04.6'	11.2'	56.7'
3	220°37.7'	222°57.5'	S 1°00.6'	215°02.4'	12.7'	S 1°53.4'	11.2'	56.8'
4	235°40.2'	237°57.6'	S 0°59.6'	229°34.1'	12.7'	S 1°42.2'	11.3'	56.8'
5	250°42.6'	252°57.8'	S 0°58.6'	244°05.8'	12.7'	S 1°30.9'	11.3'	56.8'
6	265°45.1'	267°58.0'	S 0°57.6'	258°37.5'	12.7'	S 1°19.6'	11.3'	56.8'
7	280°47.6'	282°58.2'	S 0°56.6'	273°09.1'	12.6'	S 1°08.3'	11.3'	56.9'
8	295°50.0'	297°58.4'	S 0°55.6'	287°40.7'	12.6'	S 0°57.0'	11.3'	56.9'
9	310°52.5'	312°58.5'	S 0°54.6'	302°12.4'	12.6'	S 0°45.7'	11.3'	56.9'
10	325°55.0'	327°58.7'	S 0°53.6'	316°44.0'	12.6'	S 0°34.4'	11.3'	56.9'
11	340°57.4'	342°58.9'	S 0°52.7'	331°15.5'	12.6'	S 0°23.0'	11.4'	56.9'
12	355°59.9'	357°59.1'	S 0°51.7'	345°47.1'	12.5'	S 0°11.7'	11.4'	57.0'
13	11°02.3'	12°59.3'	S 0°50.7'	0°18.6'	12.5'	S 0°00.3'	11.4'	57.0'
14	26°04.8'	27°59.5'	S 0°49.7'	14°50.1'	12.5'	N 0°11.0'	11.4'	57.0'
15	41°07.3'	42°59.6'	S 0°48.7'	29°21.6'	12.5'	N 0°22.4'	11.4'	57.0'
16	56°09.7'	57°59.8'	S 0°47.7'	43°53.1'	12.4'	N 0°33.8'	11.4'	57.0'
17	71°12.2'	72°60.0'	S 0°46.7'	58°24.5'	12.4'	N 0°45.2'	11.4'	57.1'
18	86°14.7'	88°00.2'	S 0°45.7'	72°55.9'	12.4'	N 0°56.6'	11.4'	57.1'
19	101°17.1'	103°00.4'	S 0°44.7'	87°27.3'	12.4'	N 1°08.0'	11.4'	57.1'
20	116°19.6'	118°00.5'	S 0°43.8'	101°58.7'	12.3'	N 1°19.4'	11.4'	57.1'
21	131°22.1'	133°00.7'	S 0°42.8'	116°30.0'	12.3'	N 1°30.8'	11.4'	57.2'
22	146°24.5'	148°00.9'	S 0°41.8'	131°01.3'	12.3'	N 1°42.2'	11.4'	57.2'
23	161°27.0'	163°01.1'	S 0°40.8'	145°32.6'	12.3'	N 1°53.6'	11.4'	57.2'

Mon Mar 19, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.7'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	176°29.5'	178°01.3'	S 0°39.8'	160°03.8'	12.2'	N 2°05.0'	11.4'	57.2'
1	191°31.9'	193°01.5'	S 0°38.8'	174°35.1'	12.2'	N 2°16.4'	11.4'	57.2'
2	206°34.4'	208°01.6'	S 0°37.8'	189°06.2'	12.2'	N 2°27.8'	11.4'	57.3'
3	221°36.8'	223°01.8'	S 0°36.8'	203°37.4'	12.1'	N 2°39.2'	11.4'	57.3'
4	236°39.3'	238°02.0'	S 0°35.8'	218°08.5'	12.1'	N 2°50.6'	11.4'	57.3'
5	251°41.8'	253°02.2'	S 0°34.9'	232°39.6'	12.1'	N 3°02.0'	11.4'	57.3'
6	266°44.2'	268°02.4'	S 0°33.9'	247°10.7'	12.0'	N 3°13.3'	11.4'	57.3'
7	281°46.7'	283°02.5'	S 0°32.9'	261°41.7'	12.0'	N 3°24.7'	11.4'	57.4'
8	296°49.2'	298°02.7'	S 0°31.9'	276°12.8'	12.0'	N 3°36.1'	11.3'	57.4'
9	311°51.6'	313°02.9'	S 0°30.9'	290°43.7'	11.9'	N 3°47.4'	11.3'	57.4'
10	326°54.1'	328°03.1'	S 0°29.9'	305°14.7'	11.9'	N 3°58.8'	11.3'	57.4'
11	341°56.6'	343°03.3'	S 0°28.9'	319°45.6'	11.9'	N 4°10.1'	11.3'	57.4'
12	356°59.0'	358°03.5'	S 0°27.9'	334°16.4'	11.8'	N 4°21.4'	11.3'	57.5'
13	12°01.5'	13°03.6'	S 0°27.0'	348°47.3'	11.8'	N 4°32.7'	11.3'	57.5'
14	27°03.9'	28°03.8'	S 0°26.0'	3°18.0'	11.8'	N 4°44.0'	11.3'	57.5'
15	42°06.4'	43°04.0'	S 0°25.0'	17°48.8'	11.7'	N 4°55.2'	11.2'	57.5'
16	57°08.9'	58°04.2'	S 0°24.0'	32°19.5'	11.7'	N 5°06.5'	11.2'	57.5'
17	72°11.3'	73°04.4'	S 0°23.0'	46°50.2'	11.6'	N 5°17.7'	11.2'	57.6'
18	87°13.8'	88°04.6'	S 0°22.0'	61°20.8'	11.6'	N 5°28.9'	11.2'	57.6'
19	102°16.3'	103°04.7'	S 0°21.0'	75°51.4'	11.6'	N 5°40.1'	11.2'	57.6'
20	117°18.7'	118°04.9'	S 0°20.0'	90°22.0'	11.5'	N 5°51.3'	11.1'	57.6'
21	132°21.2'	133°05.1'	S 0°19.0'	104°52.5'	11.5'	N 6°02.4'	11.1'	57.6'
22	147°23.7'	148°05.3'	S 0°18.1'	119°23.0'	11.4'	N 6°13.5'	11.1'	57.7'
23	162°26.1'	163°05.5'	S 0°17.1'	133°53.4'	11.4'	N 6°24.6'	11.1'	57.7'

Tue Mar 20, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	177°28.6'	178°05.7'	S 0°16.1'	148°23.8'	11.4'	N 6°35.7'	11.0'	57.7'
1	192°31.1'	193°05.8'	S 0°15.1'	162°54.2'	11.3'	N 6°46.7'	11.0'	57.7'
2	207°33.5'	208°06.0'	S 0°14.1'	177°24.5'	11.3'	N 6°57.7'	11.0'	57.7'
3	222°36.0'	223°06.2'	S 0°13.1'	191°54.8'	11.2'	N 7°08.7'	10.9'	57.8'
4	237°38.4'	238°06.4'	S 0°12.1'	206°25.0'	11.2'	N 7°19.6'	10.9'	57.8'
5	252°40.9'	253°06.6'	S 0°11.1'	220°55.2'	11.1'	N 7°30.6'	10.9'	57.8'
6	267°43.4'	268°06.8'	S 0°10.1'	235°25.3'	11.1'	N 7°41.5'	10.9'	57.8'
7	282°45.8'	283°06.9'	S 0°09.2'	249°55.4'	11.0'	N 7°52.3'	10.8'	57.8'
8	297°48.3'	298°07.1'	S 0°08.2'	264°25.4'	11.0'	N 8°03.1'	10.8'	57.8'
9	312°50.8'	313°07.3'	S 0°07.2'	278°55.4'	10.9'	N 8°13.9'	10.7'	57.9'
10	327°53.2'	328°07.5'	S 0°06.2'	293°25.3'	10.9'	N 8°24.6'	10.7'	57.9'
11	342°55.7'	343°07.7'	S 0°05.2'	307°55.2'	10.8'	N 8°35.3'	10.7'	57.9'
12	357°58.2'	358°07.9'	S 0°04.2'	322°25.1'	10.8'	N 8°46.0'	10.6'	57.9'
13	13°00.6'	13°08.0'	S 0°03.2'	336°54.9'	10.7'	N 8°56.6'	10.6'	57.9'
14	28°03.1'	28°08.2'	S 0°02.2'	351°24.6'	10.7'	N 9°07.2'	10.5'	58.0'
15	43°05.5'	43°08.4'	S 0°01.3'	5°54.3'	10.6'	N 9°17.8'	10.5'	58.0'
16	58°08.0'	58°08.6'	S 0°00.3'	20°24.0'	10.6'	N 9°28.3'	10.5'	58.0'
17	73°10.5'	73°08.8'	N 0°00.7'	34°53.6'	10.5'	N 9°38.7'	10.4'	58.0'
18	88°12.9'	88°09.0'	N 0°01.7'	49°23.1'	10.5'	N 9°49.1'	10.4'	58.0'
19	103°15.4'	103°09.1'	N 0°02.7'	63°52.6'	10.4'	N 9°59.5'	10.3'	58.0'
20	118°17.9'	118°09.3'	N 0°03.7'	78°22.1'	10.4'	N 10°09.8'	10.3'	58.1'
21	133°20.3'	133°09.5'	N 0°04.7'	92°51.4'	10.3'	N 10°20.0'	10.2'	58.1'
22	148°22.8'	148°09.7'	N 0°05.7'	107°20.8'	10.3'	N 10°30.2'	10.2'	58.1'
23	163°25.3'	163°09.9'	N 0°06.7'	121°50.1'	10.2'	N 10°40.4'	10.1'	58.1'

Wed Mar 21, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	178°27.7'	178°10.1'	N 0°07.6'	136°19.3'	10.2'	N 10°50.5'	10.0'	58.1'
1	193°30.2'	193°10.3'	N 0°08.6'	150°48.5'	10.1'	N 11°00.6'	10.0'	58.1'
2	208°32.7'	208°10.4'	N 0°09.6'	165°17.6'	10.1'	N 11°10.6'	9.9'	58.2'
3	223°35.1'	223°10.6'	N 0°10.6'	179°46.7'	10.0'	N 11°20.5'	9.9'	58.2'
4	238°37.6'	238°10.8'	N 0°11.6'	194°15.7'	10.0'	N 11°30.4'	9.8'	58.2'
5	253°40.0'	253°11.0'	N 0°12.6'	208°44.6'	9.9'	N 11°40.2'	9.8'	58.2'
6	268°42.5'	268°11.2'	N 0°13.6'	223°13.5'	9.8'	N 11°50.0'	9.7'	58.2'
7	283°45.0'	283°11.4'	N 0°14.6'	237°42.4'	9.8'	N 11°59.7'	9.6'	58.2'
8	298°47.4'	298°11.6'	N 0°15.5'	252°11.2'	9.7'	N 12°09.3'	9.6'	58.3'
9	313°49.9'	313°11.7'	N 0°16.5'	266°39.9'	9.7'	N 12°18.9'	9.5'	58.3'
10	328°52.4'	328°11.9'	N 0°17.5'	281°08.6'	9.6'	N 12°28.4'	9.4'	58.3'
11	343°54.8'	343°12.1'	N 0°18.5'	295°37.2'	9.6'	N 12°37.8'	9.4'	58.3'
12	358°57.3'	358°12.3'	N 0°19.5'	310°05.8'	9.5'	N 12°47.2'	9.3'	58.3'
13	13°59.8'	13°12.5'	N 0°20.5'	324°34.3'	9.4'	N 12°56.5'	9.2'	58.3'
14	29°02.2'	28°12.7'	N 0°21.5'	339°02.7'	9.4'	N 13°05.8'	9.2'	58.4'
15	44°04.7'	43°12.8'	N 0°22.5'	353°31.1'	9.3'	N 13°14.9'	9.1'	58.4'
16	59°07.2'	58°13.0'	N 0°23.4'	7°59.4'	9.3'	N 13°24.0'	9.0'	58.4'
17	74°09.6'	73°13.2'	N 0°24.4'	22°27.7'	9.2'	N 13°33.1'	9.0'	58.4'
18	89°12.1'	88°13.4'	N 0°25.4'	36°55.9'	9.2'	N 13°42.0'	8.9'	58.4'
19	104°14.5'	103°13.6'	N 0°26.4'	51°24.1'	9.1'	N 13°50.9'	8.8'	58.4'
20	119°17.0'	118°13.8'	N 0°27.4'	65°52.2'	9.0'	N 13°59.7'	8.7'	58.4'
21	134°19.5'	133°14.0'	N 0°28.4'	80°20.2'	9.0'	N 14°08.4'	8.7'	58.5'
22	149°21.9'	148°14.1'	N 0°29.4'	94°48.2'	8.9'	N 14°17.1'	8.6'	58.5'
23	164°24.4'	163°14.3'	N 0°30.4'	109°16.1'	8.9'	N 14°25.7'	8.5'	58.5'

Thu Mar 22, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	179°26.9'	178°14.5'	N 0°31.3'	123°44.0'	8.8'	N 14°34.1'	8.4'	58.5'
1	194°29.3'	193°14.7'	N 0°32.3'	138°11.8'	8.7'	N 14°42.6'	8.3'	58.5'
2	209°31.8'	208°14.9'	N 0°33.3'	152°39.5'	8.7'	N 14°50.9'	8.2'	58.5'
3	224°34.3'	223°15.1'	N 0°34.3'	167°07.2'	8.6'	N 14°59.1'	8.2'	58.5'
4	239°36.7'	238°15.3'	N 0°35.3'	181°34.9'	8.6'	N 15°07.3'	8.1'	58.6'
5	254°39.2'	253°15.5'	N 0°36.3'	196°02.4'	8.5'	N 15°15.4'	8.0'	58.6'
6	269°41.6'	268°15.6'	N 0°37.3'	210°29.9'	8.5'	N 15°23.4'	7.9'	58.6'
7	284°44.1'	283°15.8'	N 0°38.3'	224°57.4'	8.4'	N 15°31.3'	7.8'	58.6'
8	299°46.6'	298°16.0'	N 0°39.2'	239°24.8'	8.3'	N 15°39.1'	7.7'	58.6'
9	314°49.0'	313°16.2'	N 0°40.2'	253°52.1'	8.3'	N 15°46.8'	7.6'	58.6'
10	329°51.5'	328°16.4'	N 0°41.2'	268°19.4'	8.2'	N 15°54.4'	7.5'	58.6'
11	344°54.0'	343°16.6'	N 0°42.2'	282°46.6'	8.2'	N 16°02.0'	7.4'	58.7'
12	359°56.4'	358°16.8'	N 0°43.2'	297°13.8'	8.1'	N 16°09.4'	7.4'	58.7'
13	14°58.9'	13°16.9'	N 0°44.2'	311°40.9'	8.0'	N 16°16.8'	7.3'	58.7'
14	30°01.4'	28°17.1'	N 0°45.2'	326°07.9'	8.0'	N 16°24.0'	7.2'	58.7'
15	45°03.8'	43°17.3'	N 0°46.1'	340°34.9'	7.9'	N 16°31.2'	7.1'	58.7'
16	60°06.3'	58°17.5'	N 0°47.1'	355°01.8'	7.9'	N 16°38.2'	7.0'	58.7'
17	75°08.8'	73°17.7'	N 0°48.1'	9°28.7'	7.8'	N 16°45.2'	6.9'	58.7'
18	90°11.2'	88°17.9'	N 0°49.1'	23°55.5'	7.8'	N 16°52.1'	6.8'	58.7'
19	105°13.7'	103°18.1'	N 0°50.1'	38°22.3'	7.7'	N 16°58.8'	6.7'	58.8'
20	120°16.1'	118°18.3'	N 0°51.1'	52°49.0'	7.7'	N 17°05.5'	6.6'	58.8'
21	135°18.6'	133°18.4'	N 0°52.1'	67°15.7'	7.6'	N 17°12.1'	6.5'	58.8'
22	150°21.1'	148°18.6'	N 0°53.1'	81°42.3'	7.5'	N 17°18.5'	6.4'	58.8'
23	165°23.5'	163°18.8'	N 0°54.0'	96°08.8'	7.5'	N 17°24.9'	6.3'	58.8'

Fri Mar 23, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	180°26.0'	178°19.0'	N 0°55.0'	110°35.3'	7.4'	N 17°31.1'	6.1'	58.8'
1	195°28.5'	193°19.2'	N 0°56.0'	125°01.7'	7.4'	N 17°37.3'	6.0'	58.8'
2	210°30.9'	208°19.4'	N 0°57.0'	139°28.1'	7.3'	N 17°43.3'	5.9'	58.8'
3	225°33.4'	223°19.6'	N 0°58.0'	153°54.4'	7.3'	N 17°49.3'	5.8'	58.9'
4	240°35.9'	238°19.7'	N 0°59.0'	168°20.7'	7.2'	N 17°55.1'	5.7'	58.9'
5	255°38.3'	253°19.9'	N 0°60.0'	182°46.9'	7.2'	N 18°00.8'	5.6'	58.9'
6	270°40.8'	268°20.1'	N 1°00.9'	197°13.1'	7.1'	N 18°06.4'	5.5'	58.9'
7	285°43.3'	283°20.3'	N 1°01.9'	211°39.2'	7.1'	N 18°11.9'	5.4'	58.9'
8	300°45.7'	298°20.5'	N 1°02.9'	226°05.3'	7.0'	N 18°17.3'	5.3'	58.9'
9	315°48.2'	313°20.7'	N 1°03.9'	240°31.3'	7.0'	N 18°22.5'	5.2'	58.9'
10	330°50.6'	328°20.9'	N 1°04.9'	254°57.3'	6.9'	N 18°27.7'	5.0'	58.9'
11	345°53.1'	343°21.1'	N 1°05.9'	269°23.2'	6.9'	N 18°32.7'	4.9'	58.9'
12	0°55.6'	358°21.2'	N 1°06.9'	283°49.1'	6.8'	N 18°37.6'	4.8'	59.0'
13	15°58.0'	13°21.4'	N 1°07.8'	298°14.9'	6.8'	N 18°42.4'	4.7'	59.0'
14	31°00.5'	28°21.6'	N 1°08.8'	312°40.7'	6.7'	N 18°47.1'	4.6'	59.0'
15	46°03.0'	43°21.8'	N 1°09.8'	327°06.4'	6.7'	N 18°51.7'	4.5'	59.0'
16	61°05.4'	58°22.0'	N 1°10.8'	341°32.1'	6.6'	N 18°56.2'	4.3'	59.0'
17	76°07.9'	73°22.2'	N 1°11.8'	355°57.7'	6.6'	N 19°00.5'	4.2'	59.0'
18	91°10.4'	88°22.4'	N 1°12.8'	10°23.3'	6.6'	N 19°04.7'	4.1'	59.0'
19	106°12.8'	103°22.6'	N 1°13.8'	24°48.9'	6.5'	N 19°08.8'	4.0'	59.0'
20	121°15.3'	118°22.8'	N 1°14.7'	39°14.4'	6.5'	N 19°12.8'	3.8'	59.0'
21	136°17.7'	133°22.9'	N 1°15.7'	53°39.9'	6.4'	N 19°16.6'	3.7'	59.0'
22	151°20.2'	148°23.1'	N 1°16.7'	68°05.3'	6.4'	N 19°20.3'	3.6'	59.1'
23	166°22.7'	163°23.3'	N 1°17.7'	82°30.7'	6.4'	N 19°23.9'	3.5'	59.1'

Sat Mar 24, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	181°25.1'	178°23.5'	N 1°18.7'	96°56.1'	6.3'	N 19°27.4'	3.4'	59.1'
1	196°27.6'	193°23.7'	N 1°19.7'	111°21.4'	6.3'	N 19°30.8'	3.2'	59.1'
2	211°30.1'	208°23.9'	N 1°20.6'	125°46.7'	6.3'	N 19°34.0'	3.1'	59.1'
3	226°32.5'	223°24.1'	N 1°21.6'	140°12.0'	6.2'	N 19°37.1'	3.0'	59.1'
4	241°35.0'	238°24.3'	N 1°22.6'	154°37.2'	6.2'	N 19°40.1'	2.8'	59.1'
5	256°37.5'	253°24.4'	N 1°23.6'	169°02.4'	6.2'	N 19°42.9'	2.7'	59.1'
6	271°39.9'	268°24.6'	N 1°24.6'	183°27.5'	6.1'	N 19°45.6'	2.6'	59.1'
7	286°42.4'	283°24.8'	N 1°25.6'	197°52.7'	6.1'	N 19°48.2'	2.5'	59.1'
8	301°44.9'	298°25.0'	N 1°26.6'	212°17.7'	6.1'	N 19°50.7'	2.3'	59.1'
9	316°47.3'	313°25.2'	N 1°27.5'	226°42.8'	6.0'	N 19°53.0'	2.2'	59.2'
10	331°49.8'	328°25.4'	N 1°28.5'	241°07.8'	6.0'	N 19°55.2'	2.1'	59.2'
11	346°52.2'	343°25.6'	N 1°29.5'	255°32.9'	6.0'	N 19°57.3'	1.9'	59.2'
12	1°54.7'	358°25.8'	N 1°30.5'	269°57.8'	6.0'	N 19°59.2'	1.8'	59.2'
13	16°57.2'	13°26.0'	N 1°31.5'	284°22.8'	5.9'	N 20°01.0'	1.7'	59.2'
14	31°59.6'	28°26.1'	N 1°32.5'	298°47.7'	5.9'	N 20°02.7'	1.5'	59.2'
15	47°02.1'	43°26.3'	N 1°33.4'	313°12.6'	5.9'	N 20°04.3'	1.4'	59.2'
16	62°04.6'	58°26.5'	N 1°34.4'	327°37.5'	5.9'	N 20°05.7'	1.3'	59.2'
17	77°07.0'	73°26.7'	N 1°35.4'	342°02.4'	5.8'	N 20°07.0'	1.2'	59.2'
18	92°09.5'	88°26.9'	N 1°36.4'	356°27.2'	5.8'	N 20°08.1'	1.0'	59.2'
19	107°12.0'	103°27.1'	N 1°37.4'	10°52.1'	5.8'	N 20°09.2'	0.9'	59.2'
20	122°14.4'	118°27.3'	N 1°38.4'	25°16.9'	5.8'	N 20°10.0'	0.8'	59.2'
21	137°16.9'	133°27.5'	N 1°39.3'	39°41.7'	5.8'	N 20°10.8'	0.6'	59.2'
22	152°19.4'	148°27.6'	N 1°40.3'	54°06.5'	5.8'	N 20°11.4'	0.5'	59.3'
23	167°21.8'	163°27.8'	N 1°41.3'	68°31.2'	5.8'	N 20°11.9'	0.4'	59.3'

Sun Mar 25, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	182°24.3'	178°28.0'	N 1°42.3'	82°56.0'	5.7'	N 20°12.3'	0.2'	59.3'
1	197°26.7'	193°28.2'	N 1°43.3'	97°20.7'	5.7'	N 20°12.5'	0.1'	59.3'
2	212°29.2'	208°28.4'	N 1°44.3'	111°45.5'	5.7'	N 20°12.6'	0.0'	59.3'
3	227°31.7'	223°28.6'	N 1°45.2'	126°10.2'	5.7'	N 20°12.5'	0.2'	59.3'
4	242°34.1'	238°28.8'	N 1°46.2'	140°34.9'	5.7'	N 20°12.3'	0.3'	59.3'
5	257°36.6'	253°29.0'	N 1°47.2'	154°59.6'	5.7'	N 20°12.0'	0.5'	59.3'
6	272°39.1'	268°29.2'	N 1°48.2'	169°24.3'	5.7'	N 20°11.6'	0.6'	59.3'
7	287°41.5'	283°29.3'	N 1°49.2'	183°49.0'	5.7'	N 20°11.0'	0.7'	59.3'
8	302°44.0'	298°29.5'	N 1°50.2'	198°13.7'	5.7'	N 20°10.2'	0.9'	59.3'
9	317°46.5'	313°29.7'	N 1°51.1'	212°38.4'	5.7'	N 20°09.4'	1.0'	59.3'
10	332°48.9'	328°29.9'	N 1°52.1'	227°03.1'	5.7'	N 20°08.4'	1.1'	59.3'
11	347°51.4'	343°30.1'	N 1°53.1'	241°27.8'	5.7'	N 20°07.3'	1.3'	59.3'
12	2°53.9'	358°30.3'	N 1°54.1'	255°52.5'	5.7'	N 20°06.0'	1.4'	59.3'
13	17°56.3'	13°30.5'	N 1°55.1'	270°17.2'	5.7'	N 20°04.6'	1.5'	59.3'
14	32°58.8'	28°30.7'	N 1°56.0'	284°41.9'	5.7'	N 20°03.1'	1.7'	59.3'
15	48°01.2'	43°30.9'	N 1°57.0'	299°06.6'	5.7'	N 20°01.4'	1.8'	59.3'
16	63°03.7'	58°31.0'	N 1°58.0'	313°31.4'	5.7'	N 19°59.6'	1.9'	59.4'
17	78°06.2'	73°31.2'	N 1°59.0'	327°56.1'	5.7'	N 19°57.7'	2.1'	59.4'
18	93°08.6'	88°31.4'	N 1°60.0'	342°20.8'	5.7'	N 19°55.6'	2.2'	59.4'
19	108°11.1'	103°31.6'	N 2°01.0'	356°45.6'	5.8'	N 19°53.4'	2.3'	59.4'
20	123°13.6'	118°31.8'	N 2°01.9'	11°10.3'	5.8'	N 19°51.1'	2.5'	59.4'
21	138°16.0'	133°32.0'	N 2°02.9'	25°35.1'	5.8'	N 19°48.6'	2.6'	59.4'
22	153°18.5'	148°32.2'	N 2°03.9'	39°59.9'	5.8'	N 19°46.1'	2.7'	59.4'
23	168°21.0'	163°32.4'	N 2°04.9'	54°24.7'	5.8'	N 19°43.3'	2.9'	59.4'

Mon Mar 26, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	183°23.4'	178°32.6'	N 2°05.9'	68°49.5'	5.8'	N 19°40.5'	3.0'	59.4'
1	198°25.9'	193°32.8'	N 2°06.8'	83°14.4'	5.9'	N 19°37.5'	3.1'	59.4'
2	213°28.3'	208°32.9'	N 2°07.8'	97°39.2'	5.9'	N 19°34.4'	3.2'	59.4'
3	228°30.8'	223°33.1'	N 2°08.8'	112°04.1'	5.9'	N 19°31.1'	3.4'	59.4'
4	243°33.3'	238°33.3'	N 2°09.8'	126°29.0'	5.9'	N 19°27.7'	3.5'	59.4'
5	258°35.7'	253°33.5'	N 2°10.8'	140°53.9'	5.9'	N 19°24.2'	3.6'	59.4'
6	273°38.2'	268°33.7'	N 2°11.8'	155°18.8'	6.0'	N 19°20.6'	3.8'	59.4'
7	288°40.7'	283°33.9'	N 2°12.7'	169°43.8'	6.0'	N 19°16.8'	3.9'	59.4'
8	303°43.1'	298°34.1'	N 2°13.7'	184°08.8'	6.0'	N 19°12.9'	4.0'	59.4'
9	318°45.6'	313°34.3'	N 2°14.7'	198°33.8'	6.0'	N 19°08.9'	4.1'	59.4'
10	333°48.1'	328°34.5'	N 2°15.7'	212°58.8'	6.1'	N 19°04.8'	4.3'	59.4'
11	348°50.5'	343°34.6'	N 2°16.7'	227°23.9'	6.1'	N 19°00.5'	4.4'	59.4'
12	3°53.0'	358°34.8'	N 2°17.6'	241°49.0'	6.1'	N 18°56.1'	4.5'	59.4'
13	18°55.5'	13°35.0'	N 2°18.6'	256°14.1'	6.2'	N 18°51.6'	4.7'	59.4'
14	33°57.9'	28°35.2'	N 2°19.6'	270°39.3'	6.2'	N 18°46.9'	4.8'	59.4'
15	49°00.4'	43°35.4'	N 2°20.6'	285°04.5'	6.2'	N 18°42.1'	4.9'	59.4'
16	64°02.8'	58°35.6'	N 2°21.6'	299°29.7'	6.3'	N 18°37.2'	5.0'	59.4'
17	79°05.3'	73°35.8'	N 2°22.5'	313°55.0'	6.3'	N 18°32.2'	5.1'	59.4'
18	94°07.8'	88°36.0'	N 2°23.5'	328°20.3'	6.3'	N 18°27.1'	5.3'	59.4'
19	109°10.2'	103°36.2'	N 2°24.5'	342°45.6'	6.4'	N 18°21.8'	5.4'	59.4'
20	124°12.7'	118°36.3'	N 2°25.5'	357°11.0'	6.4'	N 18°16.4'	5.5'	59.4'
21	139°15.2'	133°36.5'	N 2°26.5'	11°36.4'	6.4'	N 18°10.9'	5.6'	59.4'
22	154°17.6'	148°36.7'	N 2°27.4'	26°01.8'	6.5'	N 18°05.3'	5.7'	59.4'
23	169°20.1'	163°36.9'	N 2°28.4'	40°27.3'	6.5'	N 17°59.6'	5.9'	59.4'

Tue Mar 27, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	184°22.6'	178°37.1'	N 2°29.4'	54°52.8'	6.6'	N 17°53.7'	6.0'	59.4'
1	199°25.0'	193°37.3'	N 2°30.4'	69°18.4'	6.6'	N 17°47.7'	6.1'	59.4'
2	214°27.5'	208°37.5'	N 2°31.4'	83°43.9'	6.6'	N 17°41.7'	6.2'	59.4'
3	229°30.0'	223°37.7'	N 2°32.3'	98°09.6'	6.7'	N 17°35.5'	6.3'	59.4'
4	244°32.4'	238°37.9'	N 2°33.3'	112°35.3'	6.7'	N 17°29.1'	6.4'	59.4'
5	259°34.9'	253°38.1'	N 2°34.3'	127°01.0'	6.8'	N 17°22.7'	6.5'	59.4'
6	274°37.3'	268°38.2'	N 2°35.3'	141°26.8'	6.8'	N 17°16.2'	6.7'	59.4'
7	289°39.8'	283°38.4'	N 2°36.2'	155°52.6'	6.9'	N 17°09.5'	6.8'	59.4'
8	304°42.3'	298°38.6'	N 2°37.2'	170°18.4'	6.9'	N 17°02.8'	6.9'	59.4'
9	319°44.7'	313°38.8'	N 2°38.2'	184°44.3'	7.0'	N 16°55.9'	7.0'	59.4'
10	334°47.2'	328°39.0'	N 2°39.2'	199°10.3'	7.0'	N 16°48.9'	7.1'	59.4'
11	349°49.7'	343°39.2'	N 2°40.2'	213°36.3'	7.0'	N 16°41.8'	7.2'	59.4'
12	4°52.1'	358°39.4'	N 2°41.1'	228°02.3'	7.1'	N 16°34.6'	7.3'	59.4'
13	19°54.6'	13°39.6'	N 2°42.1'	242°28.4'	7.1'	N 16°27.3'	7.4'	59.4'
14	34°57.1'	28°39.8'	N 2°43.1'	256°54.6'	7.2'	N 16°19.9'	7.5'	59.4'
15	49°59.5'	43°39.9'	N 2°44.1'	271°20.8'	7.2'	N 16°12.4'	7.6'	59.4'
16	65°02.0'	58°40.1'	N 2°45.1'	285°47.0'	7.3'	N 16°04.8'	7.7'	59.3'
17	80°04.4'	73°40.3'	N 2°46.0'	300°13.3'	7.3'	N 15°57.1'	7.8'	59.3'
18	95°06.9'	88°40.5'	N 2°47.0'	314°39.6'	7.4'	N 15°49.3'	7.9'	59.3'
19	110°09.4'	103°40.7'	N 2°48.0'	329°06.0'	7.4'	N 15°41.4'	8.0'	59.3'
20	125°11.8'	118°40.9'	N 2°49.0'	343°32.4'	7.5'	N 15°33.4'	8.1'	59.3'
21	140°14.3'	133°41.1'	N 2°49.9'	357°58.9'	7.5'	N 15°25.3'	8.2'	59.3'
22	155°16.8'	148°41.3'	N 2°50.9'	12°25.5'	7.6'	N 15°17.1'	8.3'	59.3'
23	170°19.2'	163°41.5'	N 2°51.9'	26°52.1'	7.6'	N 15°08.8'	8.4'	59.3'

Wed Mar 28, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	185°21.7'	178°41.7'	N 2°52.9'	41°18.7'	7.7'	N 15°00.4'	8.5'	59.3'
1	200°24.2'	193°41.8'	N 2°53.8'	55°45.4'	7.8'	N 14°51.9'	8.6'	59.3'
2	215°26.6'	208°42.0'	N 2°54.8'	70°12.2'	7.8'	N 14°43.4'	8.7'	59.3'
3	230°29.1'	223°42.2'	N 2°55.8'	84°39.0'	7.9'	N 14°34.7'	8.7'	59.3'
4	245°31.6'	238°42.4'	N 2°56.8'	99°05.8'	7.9'	N 14°26.0'	8.8'	59.3'
5	260°34.0'	253°42.6'	N 2°57.8'	113°32.7'	8.0'	N 14°17.1'	8.9'	59.3'
6	275°36.5'	268°42.8'	N 2°58.7'	127°59.7'	8.0'	N 14°08.2'	9.0'	59.3'
7	290°38.9'	283°43.0'	N 2°59.7'	142°26.7'	8.1'	N 13°59.2'	9.1'	59.2'
8	305°41.4'	298°43.2'	N 3°00.7'	156°53.8'	8.1'	N 13°50.1'	9.2'	59.2'
9	320°43.9'	313°43.4'	N 3°01.7'	171°20.9'	8.2'	N 13°40.9'	9.3'	59.2'
10	335°46.3'	328°43.5'	N 3°02.6'	185°48.1'	8.2'	N 13°31.7'	9.3'	59.2'
11	350°48.8'	343°43.7'	N 3°03.6'	200°15.3'	8.3'	N 13°22.3'	9.4'	59.2'
12	5°51.3'	358°43.9'	N 3°04.6'	214°42.6'	8.3'	N 13°12.9'	9.5'	59.2'
13	20°53.7'	13°44.1'	N 3°05.6'	229°09.9'	8.4'	N 13°03.4'	9.6'	59.2'
14	35°56.2'	28°44.3'	N 3°06.5'	243°37.3'	8.4'	N 12°53.9'	9.6'	59.2'
15	50°58.7'	43°44.5'	N 3°07.5'	258°04.8'	8.5'	N 12°44.2'	9.7'	59.2'
16	66°01.1'	58°44.7'	N 3°08.5'	272°32.3'	8.6'	N 12°34.5'	9.8'	59.2'
17	81°03.6'	73°44.9'	N 3°09.5'	286°59.8'	8.6'	N 12°24.7'	9.9'	59.2'
18	96°06.1'	88°45.1'	N 3°10.4'	301°27.5'	8.7'	N 12°14.8'	9.9'	59.1'
19	111°08.5'	103°45.3'	N 3°11.4'	315°55.1'	8.7'	N 12°04.9'	10.0'	59.1'
20	126°11.0'	118°45.4'	N 3°12.4'	330°22.8'	8.8'	N 11°54.9'	10.1'	59.1'
21	141°13.4'	133°45.6'	N 3°13.4'	344°50.6'	8.8'	N 11°44.8'	10.1'	59.1'
22	156°15.9'	148°45.8'	N 3°14.3'	359°18.4'	8.9'	N 11°34.7'	10.2'	59.1'
23	171°18.4'	163°46.0'	N 3°15.3'	13°46.3'	8.9'	N 11°24.5'	10.3'	59.1'

Thu Mar 29, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	186°20.8'	178°46.2'	N 3°16.3'	28°14.2'	9.0'	N 11°14.2'	10.3'	59.1'
1	201°23.3'	193°46.4'	N 3°17.3'	42°42.2'	9.0'	N 11°03.9'	10.4'	59.1'
2	216°25.8'	208°46.6'	N 3°18.2'	57°10.3'	9.1'	N 10°53.5'	10.5'	59.0'
3	231°28.2'	223°46.8'	N 3°19.2'	71°38.3'	9.1'	N 10°43.0'	10.5'	59.0'
4	246°30.7'	238°47.0'	N 3°20.2'	86°06.5'	9.2'	N 10°32.5'	10.6'	59.0'
5	261°33.2'	253°47.1'	N 3°21.2'	100°34.7'	9.2'	N 10°22.0'	10.6'	59.0'
6	276°35.6'	268°47.3'	N 3°22.1'	115°02.9'	9.3'	N 10°11.3'	10.7'	59.0'
7	291°38.1'	283°47.5'	N 3°23.1'	129°31.2'	9.3'	N 10°00.7'	10.7'	59.0'
8	306°40.5'	298°47.7'	N 3°24.1'	143°59.6'	9.4'	N 9°49.9'	10.8'	59.0'
9	321°43.0'	313°47.9'	N 3°25.1'	158°28.0'	9.5'	N 9°39.1'	10.8'	58.9'
10	336°45.5'	328°48.1'	N 3°26.0'	172°56.4'	9.5'	N 9°28.3'	10.9'	58.9'
11	351°47.9'	343°48.3'	N 3°27.0'	187°24.9'	9.6'	N 9°17.4'	10.9'	58.9'
12	6°50.4'	358°48.5'	N 3°28.0'	201°53.5'	9.6'	N 9°06.5'	11.0'	58.9'
13	21°52.9'	13°48.7'	N 3°28.9'	216°22.1'	9.7'	N 8°55.5'	11.0'	58.9'
14	36°55.3'	28°48.8'	N 3°29.9'	230°50.7'	9.7'	N 8°44.4'	11.1'	58.9'
15	51°57.8'	43°49.0'	N 3°30.9'	245°19.4'	9.8'	N 8°33.4'	11.1'	58.9'
16	67°00.3'	58°49.2'	N 3°31.9'	259°48.2'	9.8'	N 8°22.2'	11.2'	58.8'
17	82°02.7'	73°49.4'	N 3°32.8'	274°17.0'	9.8'	N 8°11.1'	11.2'	58.8'
18	97°05.2'	88°49.6'	N 3°33.8'	288°45.8'	9.9'	N 7°59.9'	11.2'	58.8'
19	112°07.7'	103°49.8'	N 3°34.8'	303°14.7'	9.9'	N 7°48.6'	11.3'	58.8'
20	127°10.1'	118°50.0'	N 3°35.8'	317°43.7'	10.0'	N 7°37.3'	11.3'	58.8'
21	142°12.6'	133°50.2'	N 3°36.7'	332°12.7'	10.0'	N 7°26.0'	11.4'	58.8'
22	157°15.0'	148°50.4'	N 3°37.7'	346°41.7'	10.1'	N 7°14.7'	11.4'	58.7'
23	172°17.5'	163°50.5'	N 3°38.7'	1°10.8'	10.1'	N 7°03.3'	11.4'	58.7'

Fri Mar 30, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	187°20.0'	178°50.7'	N 3°39.6'	15°39.9'	10.2'	N 6°51.8'	11.5'	58.7'
1	202°22.4'	193°50.9'	N 3°40.6'	30°09.1'	10.2'	N 6°40.4'	11.5'	58.7'
2	217°24.9'	208°51.1'	N 3°41.6'	44°38.3'	10.3'	N 6°28.9'	11.5'	58.7'
3	232°27.4'	223°51.3'	N 3°42.6'	59°07.6'	10.3'	N 6°17.4'	11.5'	58.6'
4	247°29.8'	238°51.5'	N 3°43.5'	73°36.9'	10.4'	N 6°05.8'	11.6'	58.6'
5	262°32.3'	253°51.7'	N 3°44.5'	88°06.3'	10.4'	N 5°54.3'	11.6'	58.6'
6	277°34.8'	268°51.9'	N 3°45.5'	102°35.6'	10.4'	N 5°42.7'	11.6'	58.6'
7	292°37.2'	283°52.1'	N 3°46.4'	117°05.1'	10.5'	N 5°31.0'	11.6'	58.6'
8	307°39.7'	298°52.2'	N 3°47.4'	131°34.6'	10.5'	N 5°19.4'	11.7'	58.6'
9	322°42.1'	313°52.4'	N 3°48.4'	146°04.1'	10.6'	N 5°07.7'	11.7'	58.5'
10	337°44.6'	328°52.6'	N 3°49.3'	160°33.7'	10.6'	N 4°56.0'	11.7'	58.5'
11	352°47.1'	343°52.8'	N 3°50.3'	175°03.3'	10.6'	N 4°44.3'	11.7'	58.5'
12	7°49.5'	358°53.0'	N 3°51.3'	189°32.9'	10.7'	N 4°32.6'	11.7'	58.5'
13	22°52.0'	13°53.2'	N 3°52.3'	204°02.6'	10.7'	N 4°20.8'	11.8'	58.5'
14	37°54.5'	28°53.4'	N 3°53.2'	218°32.3'	10.8'	N 4°09.1'	11.8'	58.4'
15	52°56.9'	43°53.6'	N 3°54.2'	233°02.1'	10.8'	N 3°57.3'	11.8'	58.4'
16	67°59.4'	58°53.7'	N 3°55.2'	247°31.9'	10.8'	N 3°45.5'	11.8'	58.4'
17	83°01.9'	73°53.9'	N 3°56.1'	262°01.7'	10.9'	N 3°33.7'	11.8'	58.4'
18	98°04.3'	88°54.1'	N 3°57.1'	276°31.6'	10.9'	N 3°21.9'	11.8'	58.3'
19	113°06.8'	103°54.3'	N 3°58.1'	291°01.5'	10.9'	N 3°10.1'	11.8'	58.3'
20	128°09.3'	118°54.5'	N 3°59.0'	305°31.5'	11.0'	N 2°58.2'	11.8'	58.3'
21	143°11.7'	133°54.7'	N 4°00.0'	320°01.4'	11.0'	N 2°46.4'	11.8'	58.3'
22	158°14.2'	148°54.9'	N 4°01.0'	334°31.5'	11.1'	N 2°34.5'	11.9'	58.3'
23	173°16.6'	163°55.1'	N 4°02.0'	349°01.5'	11.1'	N 2°22.7'	11.9'	58.2'

Sat Mar 31, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		GHA	v	SD = 15.8'	d	HP
		GHA	dec			dec		
0	188°19.1'	178°55.3'	N 4°02.9'	3°31.6'	11.1'	N 2°10.8'	11.9'	58.2'
1	203°21.6'	193°55.4'	N 4°03.9'	18°01.7'	11.2'	N 1°59.0'	11.9'	58.2'
2	218°24.0'	208°55.6'	N 4°04.9'	32°31.9'	11.2'	N 1°47.1'	11.9'	58.2'
3	233°26.5'	223°55.8'	N 4°05.8'	47°02.1'	11.2'	N 1°35.3'	11.9'	58.1'
4	248°29.0'	238°56.0'	N 4°06.8'	61°32.3'	11.3'	N 1°23.4'	11.9'	58.1'
5	263°31.4'	253°56.2'	N 4°07.8'	76°02.5'	11.3'	N 1°11.5'	11.9'	58.1'
6	278°33.9'	268°56.4'	N 4°08.7'	90°32.8'	11.3'	N 0°59.7'	11.9'	58.1'
7	293°36.4'	283°56.6'	N 4°09.7'	105°03.1'	11.3'	N 0°47.8'	11.8'	58.0'
8	308°38.8'	298°56.8'	N 4°10.7'	119°33.5'	11.4'	N 0°36.0'	11.8'	58.0'
9	323°41.3'	313°56.9'	N 4°11.6'	134°03.8'	11.4'	N 0°24.1'	11.8'	58.0'
10	338°43.7'	328°57.1'	N 4°12.6'	148°34.2'	11.4'	N 0°12.3'	11.8'	58.0'
11	353°46.2'	343°57.3'	N 4°13.6'	163°04.7'	11.5'	N 0°00.5'	11.8'	57.9'
12	8°48.7'	358°57.5'	N 4°14.5'	177°35.1'	11.5'	S 0°11.3'	11.8'	57.9'
13	23°51.1'	13°57.7'	N 4°15.5'	192°05.6'	11.5'	S 0°23.1'	11.8'	57.9'
14	38°53.6'	28°57.9'	N 4°16.5'	206°36.1'	11.5'	S 0°34.9'	11.8'	57.9'
15	53°56.1'	43°58.1'	N 4°17.4'	221°06.6'	11.6'	S 0°46.7'	11.8'	57.8'
16	68°58.5'	58°58.3'	N 4°18.4'	235°37.2'	11.6'	S 0°58.5'	11.8'	57.8'
17	84°01.0'	73°58.4'	N 4°19.4'	250°07.8'	11.6'	S 1°10.2'	11.7'	57.8'
18	99°03.5'	88°58.6'	N 4°20.3'	264°38.4'	11.6'	S 1°22.0'	11.7'	57.8'
19	114°05.9'	103°58.8'	N 4°21.3'	279°09.0'	11.7'	S 1°33.7'	11.7'	57.7'
20	129°08.4'	118°59.0'	N 4°22.3'	293°39.7'	11.7'	S 1°45.4'	11.7'	57.7'
21	144°10.9'	133°59.2'	N 4°23.2'	308°10.3'	11.7'	S 1°57.1'	11.7'	57.7'
22	159°13.3'	148°59.4'	N 4°24.2'	322°41.0'	11.7'	S 2°08.7'	11.6'	57.7'
23	174°15.8'	163°59.6'	N 4°25.2'	337°11.7'	11.7'	S 2°20.4'	11.6'	57.6'