

Wed Mar 1, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	158°59.4'	176°54.3'	S 7°35.7'	147°24.4'	10.0'	N 1°27.1'	11.4'	59.1'
1	174°01.8'	191°54.4'	S 7°34.8'	161°53.3'	9.9'	N 1°38.5'	11.4'	59.1'
2	189°04.3'	206°54.6'	S 7°33.8'	176°22.2'	9.9'	N 1°49.9'	11.4'	59.1'
3	204°06.8'	221°54.7'	S 7°32.9'	190°51.2'	9.9'	N 2°01.3'	11.4'	59.1'
4	219°09.2'	236°54.8'	S 7°31.9'	205°20.1'	9.9'	N 2°12.7'	11.4'	59.1'
5	234°11.7'	251°54.9'	S 7°31.0'	219°49.0'	9.9'	N 2°24.0'	11.4'	59.1'
6	249°14.1'	266°55.0'	S 7°30.0'	234°17.8'	9.8'	N 2°35.4'	11.3'	59.2'
7	264°16.6'	281°55.2'	S 7°29.1'	248°46.7'	9.8'	N 2°46.7'	11.3'	59.2'
8	279°19.1'	296°55.3'	S 7°28.1'	263°15.5'	9.8'	N 2°58.1'	11.3'	59.2'
9	294°21.5'	311°55.4'	S 7°27.2'	277°44.3'	9.8'	N 3°09.4'	11.3'	59.2'
10	309°24.0'	326°55.5'	S 7°26.2'	292°13.1'	9.8'	N 3°20.7'	11.3'	59.2'
11	324°26.5'	341°55.6'	S 7°25.3'	306°41.8'	9.7'	N 3°32.0'	11.3'	59.2'
12	339°28.9'	356°55.8'	S 7°24.3'	321°10.5'	9.7'	N 3°43.3'	11.3'	59.2'
13	354°31.4'	11°55.9'	S 7°23.4'	335°39.3'	9.7'	N 3°54.5'	11.2'	59.2'
14	9°33.9'	26°56.0'	S 7°22.4'	350°07.9'	9.7'	N 4°05.8'	11.2'	59.2'
15	24°36.3'	41°56.1'	S 7°21.4'	4°36.6'	9.6'	N 4°17.0'	11.2'	59.2'
16	39°38.8'	56°56.3'	S 7°20.5'	19°05.2'	9.6'	N 4°28.2'	11.2'	59.3'
17	54°41.2'	71°56.4'	S 7°19.5'	33°33.9'	9.6'	N 4°39.4'	11.1'	59.3'
18	69°43.7'	86°56.5'	S 7°18.6'	48°02.4'	9.6'	N 4°50.5'	11.1'	59.3'
19	84°46.2'	101°56.6'	S 7°17.6'	62°31.0'	9.5'	N 5°01.6'	11.1'	59.3'
20	99°48.6'	116°56.8'	S 7°16.7'	76°59.5'	9.5'	N 5°12.7'	11.1'	59.3'
21	114°51.1'	131°56.9'	S 7°15.7'	91°28.1'	9.5'	N 5°23.8'	11.0'	59.3'
22	129°53.6'	146°57.0'	S 7°14.8'	105°56.5'	9.5'	N 5°34.8'	11.0'	59.3'
23	144°56.0'	161°57.1'	S 7°13.8'	120°25.0'	9.4'	N 5°45.8'	11.0'	59.3'

Thu Mar 2, 2017 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°58.5'	176°57.2'	S 7°12.9'	134°53.4'	9.4'	N 5°56.8'	10.9'	59.3'
1	175°01.0'	191°57.4'	S 7°11.9'	149°21.8'	9.4'	N 6°07.7'	10.9'	59.3'
2	190°03.4'	206°57.5'	S 7°11.0'	163°50.2'	9.3'	N 6°18.6'	10.9'	59.3'
3	205°05.9'	221°57.6'	S 7°10.0'	178°18.6'	9.3'	N 6°29.5'	10.8'	59.3'
4	220°08.4'	236°57.8'	S 7°09.0'	192°46.9'	9.3'	N 6°40.3'	10.8'	59.3'
5	235°10.8'	251°57.9'	S 7°08.1'	207°15.2'	9.3'	N 6°51.1'	10.8'	59.3'
6	250°13.3'	266°58.0'	S 7°07.1'	221°43.4'	9.2'	N 7°01.9'	10.7'	59.3'
7	265°15.7'	281°58.1'	S 7°06.2'	236°11.6'	9.2'	N 7°12.6'	10.7'	59.4'
8	280°18.2'	296°58.3'	S 7°05.2'	250°39.8'	9.2'	N 7°23.3'	10.6'	59.4'
9	295°20.7'	311°58.4'	S 7°04.3'	265°08.0'	9.1'	N 7°33.9'	10.6'	59.4'
10	310°23.1'	326°58.5'	S 7°03.3'	279°36.1'	9.1'	N 7°44.5'	10.5'	59.4'
11	325°25.6'	341°58.6'	S 7°02.4'	294°04.2'	9.1'	N 7°55.1'	10.5'	59.4'
12	340°28.1'	356°58.8'	S 7°01.4'	308°32.3'	9.0'	N 8°05.5'	10.5'	59.4'
13	355°30.5'	11°58.9'	S 7°00.4'	323°00.4'	9.0'	N 8°16.0'	10.4'	59.4'
14	10°33.0'	26°59.0'	S 6°59.5'	337°28.4'	9.0'	N 8°26.4'	10.4'	59.4'
15	25°35.5'	41°59.1'	S 6°58.5'	351°56.3'	8.9'	N 8°36.8'	10.3'	59.4'
16	40°37.9'	56°59.3'	S 6°57.6'	6°24.3'	8.9'	N 8°47.1'	10.2'	59.4'
17	55°40.4'	71°59.4'	S 6°56.6'	20°52.2'	8.9'	N 8°57.3'	10.2'	59.4'
18	70°42.9'	86°59.5'	S 6°55.7'	35°20.1'	8.8'	N 9°07.5'	10.1'	59.4'
19	85°45.3'	101°59.7'	S 6°54.7'	49°47.9'	8.8'	N 9°17.6'	10.1'	59.4'
20	100°47.8'	116°59.8'	S 6°53.7'	64°15.7'	8.8'	N 9°27.7'	10.0'	59.4'
21	115°50.2'	131°59.9'	S 6°52.8'	78°43.5'	8.7'	N 9°37.8'	10.0'	59.4'
22	130°52.7'	147°00.1'	S 6°51.8'	93°11.2'	8.7'	N 9°47.7'	9.9'	59.4'
23	145°55.2'	162°00.2'	S 6°50.9'	107°39.0'	8.7'	N 9°57.6'	9.9'	59.4'

Fri Mar 3, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	160°57.6'	177°00.3'	S 6°49.9'	122°06.6'	8.6'	N 10°07.5'	9.8'	59.4'
1	176°00.1'	192°00.4'	S 6°49.0'	136°34.3'	8.6'	N 10°17.3'	9.7'	59.4'
2	191°02.6'	207°00.6'	S 6°48.0'	151°01.9'	8.6'	N 10°27.0'	9.7'	59.4'
3	206°05.0'	222°00.7'	S 6°47.0'	165°29.4'	8.5'	N 10°36.7'	9.6'	59.4'
4	221°07.5'	237°00.8'	S 6°46.1'	179°57.0'	8.5'	N 10°46.3'	9.5'	59.4'
5	236°10.0'	252°01.0'	S 6°45.1'	194°24.5'	8.5'	N 10°55.8'	9.5'	59.4'
6	251°12.4'	267°01.1'	S 6°44.2'	208°51.9'	8.4'	N 11°05.3'	9.4'	59.4'
7	266°14.9'	282°01.2'	S 6°43.2'	223°19.3'	8.4'	N 11°14.7'	9.3'	59.4'
8	281°17.3'	297°01.4'	S 6°42.2'	237°46.7'	8.4'	N 11°24.0'	9.3'	59.4'
9	296°19.8'	312°01.5'	S 6°41.3'	252°14.1'	8.3'	N 11°33.3'	9.2'	59.4'
10	311°22.3'	327°01.6'	S 6°40.3'	266°41.4'	8.3'	N 11°42.5'	9.1'	59.4'
11	326°24.7'	342°01.8'	S 6°39.4'	281°08.7'	8.2'	N 11°51.6'	9.0'	59.4'
12	341°27.2'	357°01.9'	S 6°38.4'	295°35.9'	8.2'	N 12°00.7'	9.0'	59.4'
13	356°29.7'	12°02.0'	S 6°37.4'	310°03.1'	8.2'	N 12°09.6'	8.9'	59.4'
14	11°32.1'	27°02.2'	S 6°36.5'	324°30.3'	8.1'	N 12°18.5'	8.8'	59.4'
15	26°34.6'	42°02.3'	S 6°35.5'	338°57.5'	8.1'	N 12°27.3'	8.7'	59.4'
16	41°37.1'	57°02.4'	S 6°34.6'	353°24.6'	8.1'	N 12°36.1'	8.7'	59.4'
17	56°39.5'	72°02.6'	S 6°33.6'	7°51.6'	8.0'	N 12°44.8'	8.6'	59.4'
18	71°42.0'	87°02.7'	S 6°32.6'	22°18.6'	8.0'	N 12°53.3'	8.5'	59.4'
19	86°44.5'	102°02.8'	S 6°31.7'	36°45.6'	8.0'	N 13°01.8'	8.4'	59.4'
20	101°46.9'	117°03.0'	S 6°30.7'	51°12.6'	7.9'	N 13°10.3'	8.3'	59.4'
21	116°49.4'	132°03.1'	S 6°29.8'	65°39.5'	7.9'	N 13°18.6'	8.3'	59.4'
22	131°51.8'	147°03.2'	S 6°28.8'	80°06.4'	7.8'	N 13°26.9'	8.2'	59.4'
23	146°54.3'	162°03.4'	S 6°27.8'	94°33.2'	7.8'	N 13°35.0'	8.1'	59.4'

Sat Mar 4, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	161°56.8'	177°03.5'	S 6°26.9'	109°00.1'	7.8'	N 13°43.1'	8.0'	59.4'
1	176°59.2'	192°03.6'	S 6°25.9'	123°26.8'	7.7'	N 13°51.1'	7.9'	59.4'
2	192°01.7'	207°03.8'	S 6°24.9'	137°53.6'	7.7'	N 13°59.0'	7.8'	59.4'
3	207°04.2'	222°03.9'	S 6°24.0'	152°20.3'	7.7'	N 14°06.9'	7.7'	59.4'
4	222°06.6'	237°04.0'	S 6°23.0'	166°47.0'	7.6'	N 14°14.6'	7.6'	59.4'
5	237°09.1'	252°04.2'	S 6°22.1'	181°13.6'	7.6'	N 14°22.2'	7.6'	59.4'
6	252°11.6'	267°04.3'	S 6°21.1'	195°40.2'	7.6'	N 14°29.8'	7.5'	59.4'
7	267°14.0'	282°04.5'	S 6°20.1'	210°06.8'	7.5'	N 14°37.3'	7.4'	59.4'
8	282°16.5'	297°04.6'	S 6°19.2'	224°33.3'	7.5'	N 14°44.6'	7.3'	59.4'
9	297°19.0'	312°04.7'	S 6°18.2'	238°59.8'	7.5'	N 14°51.9'	7.2'	59.3'
10	312°21.4'	327°04.9'	S 6°17.2'	253°26.3'	7.4'	N 14°59.1'	7.1'	59.3'
11	327°23.9'	342°05.0'	S 6°16.3'	267°52.7'	7.4'	N 15°06.2'	7.0'	59.3'
12	342°26.3'	357°05.1'	S 6°15.3'	282°19.1'	7.4'	N 15°13.2'	6.9'	59.3'
13	357°28.8'	12°05.3'	S 6°14.3'	296°45.5'	7.3'	N 15°20.1'	6.8'	59.3'
14	12°31.3'	27°05.4'	S 6°13.4'	311°11.8'	7.3'	N 15°26.9'	6.7'	59.3'
15	27°33.7'	42°05.5'	S 6°12.4'	325°38.1'	7.3'	N 15°33.5'	6.6'	59.3'
16	42°36.2'	57°05.7'	S 6°11.4'	340°04.4'	7.2'	N 15°40.1'	6.5'	59.3'
17	57°38.7'	72°05.8'	S 6°10.5'	354°30.6'	7.2'	N 15°46.6'	6.4'	59.3'
18	72°41.1'	87°06.0'	S 6°09.5'	8°56.8'	7.2'	N 15°53.0'	6.3'	59.3'
19	87°43.6'	102°06.1'	S 6°08.6'	23°23.0'	7.2'	N 15°59.3'	6.2'	59.3'
20	102°46.1'	117°06.2'	S 6°07.6'	37°49.2'	7.1'	N 16°05.5'	6.1'	59.3'
21	117°48.5'	132°06.4'	S 6°06.6'	52°15.3'	7.1'	N 16°11.6'	6.0'	59.3'
22	132°51.0'	147°06.5'	S 6°05.7'	66°41.4'	7.1'	N 16°17.6'	5.9'	59.3'
23	147°53.4'	162°06.7'	S 6°04.7'	81°07.5'	7.0'	N 16°23.5'	5.8'	59.3'

Sun Mar 5, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	162°55.9'	177°06.8'	S 6°03.7'	95°33.5'	7.0'	N 16°29.2'	5.7'	59.3'
1	177°58.4'	192°06.9'	S 6°02.8'	109°59.5'	7.0'	N 16°34.9'	5.6'	59.3'
2	193°00.8'	207°07.1'	S 6°01.8'	124°25.5'	7.0'	N 16°40.4'	5.4'	59.2'
3	208°03.3'	222°07.2'	S 6°00.8'	138°51.4'	6.9'	N 16°45.9'	5.3'	59.2'
4	223°05.8'	237°07.4'	S 5°59.9'	153°17.4'	6.9'	N 16°51.2'	5.2'	59.2'
5	238°08.2'	252°07.5'	S 5°58.9'	167°43.3'	6.9'	N 16°56.5'	5.1'	59.2'
6	253°10.7'	267°07.6'	S 5°57.9'	182°09.2'	6.9'	N 17°01.6'	5.0'	59.2'
7	268°13.2'	282°07.8'	S 5°57.0'	196°35.0'	6.8'	N 17°06.6'	4.9'	59.2'
8	283°15.6'	297°07.9'	S 5°56.0'	211°00.9'	6.8'	N 17°11.5'	4.8'	59.2'
9	298°18.1'	312°08.1'	S 5°55.0'	225°26.7'	6.8'	N 17°16.3'	4.7'	59.2'
10	313°20.6'	327°08.2'	S 5°54.1'	239°52.5'	6.8'	N 17°21.0'	4.6'	59.2'
11	328°23.0'	342°08.4'	S 5°53.1'	254°18.2'	6.8'	N 17°25.5'	4.5'	59.2'
12	343°25.5'	357°08.5'	S 5°52.1'	268°44.0'	6.7'	N 17°30.0'	4.3'	59.2'
13	358°27.9'	12°08.6'	S 5°51.2'	283°09.7'	6.7'	N 17°34.3'	4.2'	59.2'
14	13°30.4'	27°08.8'	S 5°50.2'	297°35.4'	6.7'	N 17°38.5'	4.1'	59.2'
15	28°32.9'	42°08.9'	S 5°49.2'	312°01.1'	6.7'	N 17°42.6'	4.0'	59.1'
16	43°35.3'	57°09.1'	S 5°48.3'	326°26.8'	6.7'	N 17°46.6'	3.9'	59.1'
17	58°37.8'	72°09.2'	S 5°47.3'	340°52.5'	6.6'	N 17°50.5'	3.8'	59.1'
18	73°40.3'	87°09.4'	S 5°46.3'	355°18.1'	6.6'	N 17°54.3'	3.6'	59.1'
19	88°42.7'	102°09.5'	S 5°45.4'	9°43.8'	6.6'	N 17°57.9'	3.5'	59.1'
20	103°45.2'	117°09.6'	S 5°44.4'	24°09.4'	6.6'	N 18°01.4'	3.4'	59.1'
21	118°47.7'	132°09.8'	S 5°43.4'	38°35.0'	6.6'	N 18°04.8'	3.3'	59.1'
22	133°50.1'	147°09.9'	S 5°42.4'	53°00.6'	6.6'	N 18°08.1'	3.2'	59.1'
23	148°52.6'	162°10.1'	S 5°41.5'	67°26.1'	6.6'	N 18°11.3'	3.1'	59.1'

Mon Mar 6, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	163°55.1'	177°10.2'	S 5°40.5'	81°51.7'	6.6'	N 18°14.4'	2.9'	59.1'
1	178°57.5'	192°10.4'	S 5°39.5'	96°17.3'	6.5'	N 18°17.3'	2.8'	59.1'
2	193°60.0'	207°10.5'	S 5°38.6'	110°42.8'	6.5'	N 18°20.1'	2.7'	59.0'
3	209°02.4'	222°10.7'	S 5°37.6'	125°08.3'	6.5'	N 18°22.8'	2.6'	59.0'
4	224°04.9'	237°10.8'	S 5°36.6'	139°33.9'	6.5'	N 18°25.4'	2.5'	59.0'
5	239°07.4'	252°10.9'	S 5°35.7'	153°59.4'	6.5'	N 18°27.9'	2.3'	59.0'
6	254°09.8'	267°11.1'	S 5°34.7'	168°24.9'	6.5'	N 18°30.2'	2.2'	59.0'
7	269°12.3'	282°11.2'	S 5°33.7'	182°50.4'	6.5'	N 18°32.4'	2.1'	59.0'
8	284°14.8'	297°11.4'	S 5°32.8'	197°16.0'	6.5'	N 18°34.5'	2.0'	59.0'
9	299°17.2'	312°11.5'	S 5°31.8'	211°41.5'	6.5'	N 18°36.5'	1.9'	59.0'
10	314°19.7'	327°11.7'	S 5°30.8'	226°07.0'	6.5'	N 18°38.4'	1.7'	59.0'
11	329°22.2'	342°11.8'	S 5°29.8'	240°32.5'	6.5'	N 18°40.1'	1.6'	59.0'
12	344°24.6'	357°12.0'	S 5°28.9'	254°58.0'	6.5'	N 18°41.7'	1.5'	58.9'
13	359°27.1'	12°12.1'	S 5°27.9'	269°23.5'	6.5'	N 18°43.2'	1.4'	58.9'
14	14°29.5'	27°12.3'	S 5°26.9'	283°49.0'	6.5'	N 18°44.6'	1.3'	58.9'
15	29°32.0'	42°12.4'	S 5°26.0'	298°14.5'	6.5'	N 18°45.8'	1.1'	58.9'
16	44°34.5'	57°12.6'	S 5°25.0'	312°40.0'	6.5'	N 18°47.0'	1.0'	58.9'
17	59°36.9'	72°12.7'	S 5°24.0'	327°05.5'	6.5'	N 18°48.0'	0.9'	58.9'
18	74°39.4'	87°12.9'	S 5°23.0'	341°31.1'	6.5'	N 18°48.9'	0.8'	58.9'
19	89°41.9'	102°13.0'	S 5°22.1'	355°56.6'	6.5'	N 18°49.6'	0.6'	58.9'
20	104°44.3'	117°13.1'	S 5°21.1'	10°22.1'	6.5'	N 18°50.3'	0.5'	58.9'
21	119°46.8'	132°13.3'	S 5°20.1'	24°47.7'	6.6'	N 18°50.8'	0.4'	58.8'
22	134°49.3'	147°13.4'	S 5°19.2'	39°13.2'	6.6'	N 18°51.2'	0.3'	58.8'
23	149°51.7'	162°13.6'	S 5°18.2'	53°38.8'	6.6'	N 18°51.5'	0.2'	58.8'

Tue Mar 7, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 16.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	164°54.2'	177°13.7'	S 5°17.2'	68°04.4'	6.6'	N 18°51.6'	0.0'	58.8'
1	179°56.7'	192°13.9'	S 5°16.2'	82°30.0'	6.6'	N 18°51.7'	0.1'	58.8'
2	194°59.1'	207°14.0'	S 5°15.3'	96°55.6'	6.6'	N 18°51.6'	0.2'	58.8'
3	210°01.6'	222°14.2'	S 5°14.3'	111°21.2'	6.6'	N 18°51.4'	0.3'	58.8'
4	225°04.0'	237°14.3'	S 5°13.3'	125°46.8'	6.7'	N 18°51.1'	0.4'	58.8'
5	240°06.5'	252°14.5'	S 5°12.4'	140°12.5'	6.7'	N 18°50.6'	0.6'	58.7'
6	255°09.0'	267°14.6'	S 5°11.4'	154°38.2'	6.7'	N 18°50.1'	0.7'	58.7'
7	270°11.4'	282°14.8'	S 5°10.4'	169°03.8'	6.7'	N 18°49.4'	0.8'	58.7'
8	285°13.9'	297°14.9'	S 5°09.4'	183°29.5'	6.7'	N 18°48.6'	0.9'	58.7'
9	300°16.4'	312°15.1'	S 5°08.5'	197°55.3'	6.7'	N 18°47.6'	1.0'	58.7'
10	315°18.8'	327°15.2'	S 5°07.5'	212°21.0'	6.8'	N 18°46.6'	1.2'	58.7'
11	330°21.3'	342°15.4'	S 5°06.5'	226°46.8'	6.8'	N 18°45.4'	1.3'	58.7'
12	345°23.8'	357°15.5'	S 5°05.5'	241°12.6'	6.8'	N 18°44.2'	1.4'	58.7'
13	0°26.2'	12°15.7'	S 5°04.6'	255°38.4'	6.8'	N 18°42.8'	1.5'	58.6'
14	15°28.7'	27°15.8'	S 5°03.6'	270°04.2'	6.9'	N 18°41.2'	1.6'	58.6'
15	30°31.2'	42°16.0'	S 5°02.6'	284°30.1'	6.9'	N 18°39.6'	1.8'	58.6'
16	45°33.6'	57°16.2'	S 5°01.6'	298°56.0'	6.9'	N 18°37.8'	1.9'	58.6'
17	60°36.1'	72°16.3'	S 5°00.7'	313°21.9'	6.9'	N 18°36.0'	2.0'	58.6'
18	75°38.5'	87°16.5'	S 4°59.7'	327°47.9'	7.0'	N 18°34.0'	2.1'	58.6'
19	90°41.0'	102°16.6'	S 4°58.7'	342°13.8'	7.0'	N 18°31.9'	2.2'	58.6'
20	105°43.5'	117°16.8'	S 4°57.7'	356°39.8'	7.0'	N 18°29.7'	2.3'	58.5'
21	120°45.9'	132°16.9'	S 4°56.8'	11°05.9'	7.1'	N 18°27.3'	2.4'	58.5'
22	135°48.4'	147°17.1'	S 4°55.8'	25°32.0'	7.1'	N 18°24.9'	2.6'	58.5'
23	150°50.9'	162°17.2'	S 4°54.8'	39°58.1'	7.1'	N 18°22.3'	2.7'	58.5'

Wed Mar 8, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	165°53.3'	177°17.4'	S 4°53.8'	54°24.2'	7.2'	N 18°19.6'	2.8'	58.5'
1	180°55.8'	192°17.5'	S 4°52.9'	68°50.4'	7.2'	N 18°16.9'	2.9'	58.5'
2	195°58.3'	207°17.7'	S 4°51.9'	83°16.6'	7.2'	N 18°14.0'	3.0'	58.5'
3	211°00.7'	222°17.8'	S 4°50.9'	97°42.8'	7.3'	N 18°10.9'	3.1'	58.4'
4	226°03.2'	237°18.0'	S 4°49.9'	112°09.1'	7.3'	N 18°07.8'	3.2'	58.4'
5	241°05.7'	252°18.1'	S 4°49.0'	126°35.4'	7.4'	N 18°04.6'	3.3'	58.4'
6	256°08.1'	267°18.3'	S 4°48.0'	141°01.8'	7.4'	N 18°01.2'	3.5'	58.4'
7	271°10.6'	282°18.4'	S 4°47.0'	155°28.2'	7.4'	N 17°57.8'	3.6'	58.4'
8	286°13.0'	297°18.6'	S 4°46.0'	169°54.6'	7.5'	N 17°54.2'	3.7'	58.4'
9	301°15.5'	312°18.8'	S 4°45.1'	184°21.1'	7.5'	N 17°50.5'	3.8'	58.4'
10	316°18.0'	327°18.9'	S 4°44.1'	198°47.6'	7.6'	N 17°46.7'	3.9'	58.3'
11	331°20.4'	342°19.1'	S 4°43.1'	213°14.1'	7.6'	N 17°42.8'	4.0'	58.3'
12	346°22.9'	357°19.2'	S 4°42.1'	227°40.7'	7.6'	N 17°38.8'	4.1'	58.3'
13	1°25.4'	12°19.4'	S 4°41.2'	242°07.4'	7.7'	N 17°34.7'	4.2'	58.3'
14	16°27.8'	27°19.5'	S 4°40.2'	256°34.1'	7.7'	N 17°30.5'	4.3'	58.3'
15	31°30.3'	42°19.7'	S 4°39.2'	271°00.8'	7.8'	N 17°26.2'	4.4'	58.3'
16	46°32.8'	57°19.8'	S 4°38.2'	285°27.6'	7.8'	N 17°21.8'	4.5'	58.2'
17	61°35.2'	72°20.0'	S 4°37.3'	299°54.4'	7.9'	N 17°17.2'	4.6'	58.2'
18	76°37.7'	87°20.2'	S 4°36.3'	314°21.2'	7.9'	N 17°12.6'	4.7'	58.2'
19	91°40.1'	102°20.3'	S 4°35.3'	328°48.2'	8.0'	N 17°07.9'	4.8'	58.2'
20	106°42.6'	117°20.5'	S 4°34.3'	343°15.1'	8.0'	N 17°03.1'	4.9'	58.2'
21	121°45.1'	132°20.6'	S 4°33.4'	357°42.1'	8.1'	N 16°58.1'	5.0'	58.2'
22	136°47.5'	147°20.8'	S 4°32.4'	12°09.2'	8.1'	N 16°53.1'	5.1'	58.2'
23	151°50.0'	162°20.9'	S 4°31.4'	26°36.3'	8.2'	N 16°48.0'	5.2'	58.1'

Thu Mar 9, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	166°52.5'	177°21.1'	S 4°30.4'	41°03.4'	8.2'	N 16°42.7'	5.3'	58.1'
1	181°54.9'	192°21.3'	S 4°29.4'	55°30.6'	8.3'	N 16°37.4'	5.4'	58.1'
2	196°57.4'	207°21.4'	S 4°28.5'	69°57.9'	8.3'	N 16°32.0'	5.5'	58.1'
3	211°59.9'	222°21.6'	S 4°27.5'	84°25.2'	8.4'	N 16°26.5'	5.6'	58.1'
4	227°02.3'	237°21.7'	S 4°26.5'	98°52.6'	8.4'	N 16°20.9'	5.7'	58.0'
5	242°04.8'	252°21.9'	S 4°25.5'	113°20.0'	8.5'	N 16°15.2'	5.8'	58.0'
6	257°07.3'	267°22.0'	S 4°24.6'	127°47.4'	8.5'	N 16°09.4'	5.9'	58.0'
7	272°09.7'	282°22.2'	S 4°23.6'	142°14.9'	8.6'	N 16°03.5'	6.0'	58.0'
8	287°12.2'	297°22.4'	S 4°22.6'	156°42.5'	8.6'	N 15°57.5'	6.1'	58.0'
9	302°14.6'	312°22.5'	S 4°21.6'	171°10.1'	8.7'	N 15°51.4'	6.2'	58.0'
10	317°17.1'	327°22.7'	S 4°20.6'	185°37.8'	8.7'	N 15°45.3'	6.3'	57.9'
11	332°19.6'	342°22.8'	S 4°19.7'	200°05.5'	8.8'	N 15°39.0'	6.3'	57.9'
12	347°22.0'	357°23.0'	S 4°18.7'	214°33.3'	8.8'	N 15°32.7'	6.4'	57.9'
13	2°24.5'	12°23.2'	S 4°17.7'	229°01.1'	8.9'	N 15°26.2'	6.5'	57.9'
14	17°27.0'	27°23.3'	S 4°16.7'	243°29.0'	8.9'	N 15°19.7'	6.6'	57.9'
15	32°29.4'	42°23.5'	S 4°15.8'	257°57.0'	9.0'	N 15°13.1'	6.7'	57.9'
16	47°31.9'	57°23.6'	S 4°14.8'	272°25.0'	9.1'	N 15°06.4'	6.8'	57.8'
17	62°34.4'	72°23.8'	S 4°13.8'	286°53.0'	9.1'	N 14°59.7'	6.8'	57.8'
18	77°36.8'	87°24.0'	S 4°12.8'	301°21.1'	9.2'	N 14°52.8'	6.9'	57.8'
19	92°39.3'	102°24.1'	S 4°11.8'	315°49.3'	9.2'	N 14°45.9'	7.0'	57.8'
20	107°41.8'	117°24.3'	S 4°10.9'	330°17.5'	9.3'	N 14°38.9'	7.1'	57.8'
21	122°44.2'	132°24.4'	S 4°09.9'	344°45.8'	9.3'	N 14°31.8'	7.2'	57.7'
22	137°46.7'	147°24.6'	S 4°08.9'	359°14.1'	9.4'	N 14°24.6'	7.2'	57.7'
23	152°49.1'	162°24.8'	S 4°07.9'	13°42.5'	9.4'	N 14°17.4'	7.3'	57.7'

Fri Mar 10, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.7'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	167°51.6'	177°24.9'	S 4°06.9'	28°11.0'	9.5'	N 14°10.1'	7.4'	57.7'
1	182°54.1'	192°25.1'	S 4°06.0'	42°39.5'	9.6'	N 14°02.7'	7.5'	57.7'
2	197°56.5'	207°25.2'	S 4°05.0'	57°08.0'	9.6'	N 13°55.2'	7.5'	57.7'
3	212°59.0'	222°25.4'	S 4°04.0'	71°36.7'	9.7'	N 13°47.7'	7.6'	57.6'
4	228°01.5'	237°25.6'	S 4°03.0'	86°05.3'	9.7'	N 13°40.1'	7.7'	57.6'
5	243°03.9'	252°25.7'	S 4°02.0'	100°34.1'	9.8'	N 13°32.4'	7.8'	57.6'
6	258°06.4'	267°25.9'	S 4°01.1'	115°02.9'	9.8'	N 13°24.6'	7.8'	57.6'
7	273°08.9'	282°26.0'	S 4°00.1'	129°31.7'	9.9'	N 13°16.8'	7.9'	57.6'
8	288°11.3'	297°26.2'	S 3°59.1'	144°00.6'	10.0'	N 13°08.9'	8.0'	57.5'
9	303°13.8'	312°26.4'	S 3°58.1'	158°29.5'	10.0'	N 13°00.9'	8.0'	57.5'
10	318°16.2'	327°26.5'	S 3°57.1'	172°58.6'	10.1'	N 12°52.9'	8.1'	57.5'
11	333°18.7'	342°26.7'	S 3°56.2'	187°27.6'	10.1'	N 12°44.8'	8.2'	57.5'
12	348°21.2'	357°26.9'	S 3°55.2'	201°56.8'	10.2'	N 12°36.6'	8.2'	57.5'
13	3°23.6'	12°27.0'	S 3°54.2'	216°25.9'	10.2'	N 12°28.4'	8.3'	57.4'
14	18°26.1'	27°27.2'	S 3°53.2'	230°55.2'	10.3'	N 12°20.1'	8.4'	57.4'
15	33°28.6'	42°27.3'	S 3°52.2'	245°24.5'	10.4'	N 12°11.8'	8.4'	57.4'
16	48°31.0'	57°27.5'	S 3°51.3'	259°53.8'	10.4'	N 12°03.4'	8.5'	57.4'
17	63°33.5'	72°27.7'	S 3°50.3'	274°23.2'	10.5'	N 11°54.9'	8.5'	57.4'
18	78°36.0'	87°27.8'	S 3°49.3'	288°52.7'	10.5'	N 11°46.4'	8.6'	57.3'
19	93°38.4'	102°28.0'	S 3°48.3'	303°22.2'	10.6'	N 11°37.8'	8.6'	57.3'
20	108°40.9'	117°28.2'	S 3°47.3'	317°51.8'	10.6'	N 11°29.1'	8.7'	57.3'
21	123°43.4'	132°28.3'	S 3°46.4'	332°21.4'	10.7'	N 11°20.4'	8.8'	57.3'
22	138°45.8'	147°28.5'	S 3°45.4'	346°51.1'	10.7'	N 11°11.7'	8.8'	57.3'
23	153°48.3'	162°28.7'	S 3°44.4'	1°20.8'	10.8'	N 11°02.9'	8.9'	57.2'

Sat Mar 11, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.5'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	168°50.7'	177°28.8'	S 3°43.4'	15°50.6'	10.8'	N 10°54.0'	8.9'	57.2'
1	183°53.2'	192°29.0'	S 3°42.4'	30°20.5'	10.9'	N 10°45.1'	9.0'	57.2'
2	198°55.7'	207°29.2'	S 3°41.4'	44°50.4'	11.0'	N 10°36.1'	9.0'	57.2'
3	213°58.1'	222°29.3'	S 3°40.5'	59°20.4'	11.0'	N 10°27.1'	9.1'	57.1'
4	229°00.6'	237°29.5'	S 3°39.5'	73°50.4'	11.1'	N 10°18.0'	9.1'	57.1'
5	244°03.1'	252°29.6'	S 3°38.5'	88°20.4'	11.1'	N 10°08.9'	9.2'	57.1'
6	259°05.5'	267°29.8'	S 3°37.5'	102°50.5'	11.2'	N 9°59.8'	9.2'	57.1'
7	274°08.0'	282°30.0'	S 3°36.5'	117°20.7'	11.2'	N 9°50.6'	9.2'	57.1'
8	289°10.5'	297°30.1'	S 3°35.6'	131°50.9'	11.3'	N 9°41.3'	9.3'	57.0'
9	304°12.9'	312°30.3'	S 3°34.6'	146°21.2'	11.3'	N 9°32.0'	9.3'	57.0'
10	319°15.4'	327°30.5'	S 3°33.6'	160°51.5'	11.4'	N 9°22.7'	9.4'	57.0'
11	334°17.8'	342°30.6'	S 3°32.6'	175°21.9'	11.4'	N 9°13.3'	9.4'	57.0'
12	349°20.3'	357°30.8'	S 3°31.6'	189°52.4'	11.5'	N 9°03.9'	9.5'	57.0'
13	4°22.8'	12°31.0'	S 3°30.6'	204°22.8'	11.5'	N 8°54.5'	9.5'	56.9'
14	19°25.2'	27°31.1'	S 3°29.7'	218°53.4'	11.6'	N 8°45.0'	9.5'	56.9'
15	34°27.7'	42°31.3'	S 3°28.7'	233°24.0'	11.6'	N 8°35.4'	9.6'	56.9'
16	49°30.2'	57°31.5'	S 3°27.7'	247°54.6'	11.7'	N 8°25.9'	9.6'	56.9'
17	64°32.6'	72°31.6'	S 3°26.7'	262°25.3'	11.7'	N 8°16.3'	9.6'	56.8'
18	79°35.1'	87°31.8'	S 3°25.7'	276°56.0'	11.8'	N 8°06.6'	9.7'	56.8'
19	94°37.6'	102°32.0'	S 3°24.7'	291°26.8'	11.8'	N 7°56.9'	9.7'	56.8'
20	109°40.0'	117°32.1'	S 3°23.8'	305°57.6'	11.9'	N 7°47.2'	9.7'	56.8'
21	124°42.5'	132°32.3'	S 3°22.8'	320°28.5'	11.9'	N 7°37.5'	9.8'	56.8'
22	139°45.0'	147°32.5'	S 3°21.8'	334°59.4'	12.0'	N 7°27.7'	9.8'	56.7'
23	154°47.4'	162°32.6'	S 3°20.8'	349°30.4'	12.0'	N 7°17.9'	9.8'	56.7'

Sun Mar 12, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	169°49.9'	177°32.8'	S 3°19.8'	4°01.4'	12.1'	N 7°08.1'	9.9'	56.7'
1	184°52.3'	192°33.0'	S 3°18.9'	18°32.5'	12.1'	N 6°58.3'	9.9'	56.7'
2	199°54.8'	207°33.1'	S 3°17.9'	33°03.6'	12.2'	N 6°48.4'	9.9'	56.7'
3	214°57.3'	222°33.3'	S 3°16.9'	47°34.7'	12.2'	N 6°38.5'	9.9'	56.6'
4	229°59.7'	237°33.5'	S 3°15.9'	62°05.9'	12.2'	N 6°28.5'	10.0'	56.6'
5	245°02.2'	252°33.6'	S 3°14.9'	76°37.2'	12.3'	N 6°18.6'	10.0'	56.6'
6	260°04.7'	267°33.8'	S 3°13.9'	91°08.5'	12.3'	N 6°08.6'	10.0'	56.6'
7	275°07.1'	282°34.0'	S 3°13.0'	105°39.8'	12.4'	N 5°58.6'	10.0'	56.5'
8	290°09.6'	297°34.2'	S 3°12.0'	120°11.2'	12.4'	N 5°48.6'	10.0'	56.5'
9	305°12.1'	312°34.3'	S 3°11.0'	134°42.6'	12.5'	N 5°38.5'	10.1'	56.5'
10	320°14.5'	327°34.5'	S 3°10.0'	149°14.1'	12.5'	N 5°28.4'	10.1'	56.5'
11	335°17.0'	342°34.7'	S 3°09.0'	163°45.6'	12.5'	N 5°18.4'	10.1'	56.5'
12	350°19.5'	357°34.8'	S 3°08.0'	178°17.1'	12.6'	N 5°08.3'	10.1'	56.4'
13	5°21.9'	12°35.0'	S 3°07.0'	192°48.7'	12.6'	N 4°58.1'	10.1'	56.4'
14	20°24.4'	27°35.2'	S 3°06.1'	207°20.3'	12.7'	N 4°48.0'	10.2'	56.4'
15	35°26.8'	42°35.3'	S 3°05.1'	221°52.0'	12.7'	N 4°37.8'	10.2'	56.4'
16	50°29.3'	57°35.5'	S 3°04.1'	236°23.7'	12.7'	N 4°27.7'	10.2'	56.3'
17	65°31.8'	72°35.7'	S 3°03.1'	250°55.5'	12.8'	N 4°17.5'	10.2'	56.3'
18	80°34.2'	87°35.8'	S 3°02.1'	265°27.2'	12.8'	N 4°07.3'	10.2'	56.3'
19	95°36.7'	102°36.0'	S 3°01.1'	279°59.1'	12.9'	N 3°57.1'	10.2'	56.3'
20	110°39.2'	117°36.2'	S 3°00.2'	294°30.9'	12.9'	N 3°46.9'	10.2'	56.3'
21	125°41.6'	132°36.4'	S 2°59.2'	309°02.8'	12.9'	N 3°36.7'	10.2'	56.2'
22	140°44.1'	147°36.5'	S 2°58.2'	323°34.7'	13.0'	N 3°26.4'	10.2'	56.2'
23	155°46.6'	162°36.7'	S 2°57.2'	338°06.7'	13.0'	N 3°16.2'	10.2'	56.2'

Mon Mar 13, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	170°49.0'	177°36.9'	S 2°56.2'	352°38.7'	13.0'	N 3°05.9'	10.3'	56.2'
1	185°51.5'	192°37.0'	S 2°55.2'	7°10.7'	13.1'	N 2°55.7'	10.3'	56.1'
2	200°53.9'	207°37.2'	S 2°54.3'	21°42.8'	13.1'	N 2°45.4'	10.3'	56.1'
3	215°56.4'	222°37.4'	S 2°53.3'	36°14.9'	13.1'	N 2°35.2'	10.3'	56.1'
4	230°58.9'	237°37.5'	S 2°52.3'	50°47.0'	13.2'	N 2°24.9'	10.3'	56.1'
5	246°01.3'	252°37.7'	S 2°51.3'	65°19.2'	13.2'	N 2°14.6'	10.3'	56.0'
6	261°03.8'	267°37.9'	S 2°50.3'	79°51.4'	13.2'	N 2°04.4'	10.3'	56.0'
7	276°06.3'	282°38.1'	S 2°49.3'	94°23.6'	13.3'	N 1°54.1'	10.3'	56.0'
8	291°08.7'	297°38.2'	S 2°48.3'	108°55.9'	13.3'	N 1°43.8'	10.3'	56.0'
9	306°11.2'	312°38.4'	S 2°47.4'	123°28.2'	13.3'	N 1°33.5'	10.3'	56.0'
10	321°13.7'	327°38.6'	S 2°46.4'	138°00.5'	13.4'	N 1°23.3'	10.3'	55.9'
11	336°16.1'	342°38.7'	S 2°45.4'	152°32.9'	13.4'	N 1°13.0'	10.3'	55.9'
12	351°18.6'	357°38.9'	S 2°44.4'	167°05.3'	13.4'	N 1°02.7'	10.3'	55.9'
13	6°21.1'	12°39.1'	S 2°43.4'	181°37.7'	13.4'	N 0°52.4'	10.3'	55.9'
14	21°23.5'	27°39.3'	S 2°42.4'	196°10.1'	13.5'	N 0°42.2'	10.3'	55.8'
15	36°26.0'	42°39.4'	S 2°41.4'	210°42.6'	13.5'	N 0°31.9'	10.3'	55.8'
16	51°28.4'	57°39.6'	S 2°40.5'	225°15.1'	13.5'	N 0°21.7'	10.2'	55.8'
17	66°30.9'	72°39.8'	S 2°39.5'	239°47.6'	13.5'	N 0°11.4'	10.2'	55.8'
18	81°33.4'	87°40.0'	S 2°38.5'	254°20.1'	13.6'	N 0°01.2'	10.2'	55.8'
19	96°35.8'	102°40.1'	S 2°37.5'	268°52.7'	13.6'	S 0°09.0'	10.2'	55.7'
20	111°38.3'	117°40.3'	S 2°36.5'	283°25.3'	13.6'	S 0°19.2'	10.2'	55.7'
21	126°40.8'	132°40.5'	S 2°35.5'	297°57.9'	13.6'	S 0°29.5'	10.2'	55.7'
22	141°43.2'	147°40.6'	S 2°34.5'	312°30.5'	13.7'	S 0°39.7'	10.2'	55.7'
23	156°45.7'	162°40.8'	S 2°33.6'	327°03.2'	13.7'	S 0°49.8'	10.2'	55.7'

Tue Mar 14, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	171°48.2'	177°41.0'	S 2°32.6'	341°35.8'	13.7'	S 1°00.0'	10.2'	55.6'
1	186°50.6'	192°41.2'	S 2°31.6'	356°08.5'	13.7'	S 1°10.2'	10.2'	55.6'
2	201°53.1'	207°41.3'	S 2°30.6'	10°41.3'	13.7'	S 1°20.3'	10.1'	55.6'
3	216°55.5'	222°41.5'	S 2°29.6'	25°14.0'	13.8'	S 1°30.5'	10.1'	55.6'
4	231°58.0'	237°41.7'	S 2°28.6'	39°46.8'	13.8'	S 1°40.6'	10.1'	55.5'
5	247°00.5'	252°41.9'	S 2°27.6'	54°19.6'	13.8'	S 1°50.7'	10.1'	55.5'
6	262°02.9'	267°42.0'	S 2°26.7'	68°52.4'	13.8'	S 2°00.8'	10.1'	55.5'
7	277°05.4'	282°42.2'	S 2°25.7'	83°25.2'	13.8'	S 2°10.9'	10.1'	55.5'
8	292°07.9'	297°42.4'	S 2°24.7'	97°58.0'	13.9'	S 2°20.9'	10.0'	55.5'
9	307°10.3'	312°42.6'	S 2°23.7'	112°30.9'	13.9'	S 2°31.0'	10.0'	55.4'
10	322°12.8'	327°42.7'	S 2°22.7'	127°03.7'	13.9'	S 2°41.0'	10.0'	55.4'
11	337°15.3'	342°42.9'	S 2°21.7'	141°36.6'	13.9'	S 2°51.0'	10.0'	55.4'
12	352°17.7'	357°43.1'	S 2°20.7'	156°09.5'	13.9'	S 3°00.9'	10.0'	55.4'
13	7°20.2'	12°43.3'	S 2°19.8'	170°42.4'	13.9'	S 3°10.9'	9.9'	55.4'
14	22°22.7'	27°43.4'	S 2°18.8'	185°15.4'	13.9'	S 3°20.8'	9.9'	55.3'
15	37°25.1'	42°43.6'	S 2°17.8'	199°48.3'	14.0'	S 3°30.7'	9.9'	55.3'
16	52°27.6'	57°43.8'	S 2°16.8'	214°21.3'	14.0'	S 3°40.6'	9.9'	55.3'
17	67°30.0'	72°44.0'	S 2°15.8'	228°54.2'	14.0'	S 3°50.5'	9.8'	55.3'
18	82°32.5'	87°44.1'	S 2°14.8'	243°27.2'	14.0'	S 4°00.3'	9.8'	55.3'
19	97°35.0'	102°44.3'	S 2°13.8'	258°00.2'	14.0'	S 4°10.1'	9.8'	55.2'
20	112°37.4'	117°44.5'	S 2°12.8'	272°33.2'	14.0'	S 4°19.9'	9.8'	55.2'
21	127°39.9'	132°44.7'	S 2°11.9'	287°06.2'	14.0'	S 4°29.7'	9.7'	55.2'
22	142°42.4'	147°44.8'	S 2°10.9'	301°39.2'	14.0'	S 4°39.4'	9.7'	55.2'
23	157°44.8'	162°45.0'	S 2°09.9'	316°12.3'	14.0'	S 4°49.1'	9.7'	55.2'

Wed Mar 15, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	172°47.3'	177°45.2'	S 2°08.9'	330°45.3'	14.1'	S 4°58.8'	9.6'	55.1'
1	187°49.8'	192°45.4'	S 2°07.9'	345°18.4'	14.1'	S 5°08.5'	9.6'	55.1'
2	202°52.2'	207°45.5'	S 2°06.9'	359°51.4'	14.1'	S 5°18.1'	9.6'	55.1'
3	217°54.7'	222°45.7'	S 2°05.9'	14°24.5'	14.1'	S 5°27.7'	9.6'	55.1'
4	232°57.1'	237°45.9'	S 2°05.0'	28°57.6'	14.1'	S 5°37.2'	9.5'	55.1'
5	247°59.6'	252°46.1'	S 2°04.0'	43°30.6'	14.1'	S 5°46.8'	9.5'	55.0'
6	263°02.1'	267°46.2'	S 2°03.0'	58°03.7'	14.1'	S 5°56.3'	9.5'	55.0'
7	278°04.5'	282°46.4'	S 2°02.0'	72°36.8'	14.1'	S 6°05.7'	9.4'	55.0'
8	293°07.0'	297°46.6'	S 2°01.0'	87°09.9'	14.1'	S 6°15.1'	9.4'	55.0'
9	308°09.5'	312°46.8'	S 2°00.0'	101°43.0'	14.1'	S 6°24.5'	9.4'	55.0'
10	323°11.9'	327°46.9'	S 1°59.0'	116°16.1'	14.1'	S 6°33.9'	9.3'	55.0'
11	338°14.4'	342°47.1'	S 1°58.0'	130°49.2'	14.1'	S 6°43.2'	9.3'	54.9'
12	353°16.9'	357°47.3'	S 1°57.1'	145°22.3'	14.1'	S 6°52.5'	9.3'	54.9'
13	8°19.3'	12°47.5'	S 1°56.1'	159°55.4'	14.1'	S 7°01.8'	9.2'	54.9'
14	23°21.8'	27°47.7'	S 1°55.1'	174°28.5'	14.1'	S 7°11.0'	9.2'	54.9'
15	38°24.3'	42°47.8'	S 1°54.1'	189°01.7'	14.1'	S 7°20.2'	9.1'	54.9'
16	53°26.7'	57°48.0'	S 1°53.1'	203°34.8'	14.1'	S 7°29.3'	9.1'	54.9'
17	68°29.2'	72°48.2'	S 1°52.1'	218°07.9'	14.1'	S 7°38.4'	9.1'	54.8'
18	83°31.6'	87°48.4'	S 1°51.1'	232°41.0'	14.1'	S 7°47.5'	9.0'	54.8'
19	98°34.1'	102°48.5'	S 1°50.1'	247°14.1'	14.1'	S 7°56.5'	9.0'	54.8'
20	113°36.6'	117°48.7'	S 1°49.2'	261°47.2'	14.1'	S 8°05.5'	8.9'	54.8'
21	128°39.0'	132°48.9'	S 1°48.2'	276°20.3'	14.1'	S 8°14.4'	8.9'	54.8'
22	143°41.5'	147°49.1'	S 1°47.2'	290°53.4'	14.1'	S 8°23.3'	8.9'	54.8'
23	158°44.0'	162°49.3'	S 1°46.2'	305°26.5'	14.1'	S 8°32.2'	8.8'	54.7'

Thu Mar 16, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	173°46.4'	177°49.4'	S 1°45.2'	319°59.6'	14.1'	S 8°41.0'	8.8'	54.7'
1	188°48.9'	192°49.6'	S 1°44.2'	334°32.7'	14.1'	S 8°49.8'	8.7'	54.7'
2	203°51.4'	207°49.8'	S 1°43.2'	349°05.8'	14.1'	S 8°58.5'	8.7'	54.7'
3	218°53.8'	222°50.0'	S 1°42.2'	3°38.9'	14.1'	S 9°07.2'	8.6'	54.7'
4	233°56.3'	237°50.1'	S 1°41.3'	18°12.0'	14.1'	S 9°15.8'	8.6'	54.7'
5	248°58.7'	252°50.3'	S 1°40.3'	32°45.1'	14.1'	S 9°24.4'	8.5'	54.6'
6	264°01.2'	267°50.5'	S 1°39.3'	47°18.2'	14.1'	S 9°32.9'	8.5'	54.6'
7	279°03.7'	282°50.7'	S 1°38.3'	61°51.2'	14.1'	S 9°41.4'	8.5'	54.6'
8	294°06.1'	297°50.9'	S 1°37.3'	76°24.3'	14.1'	S 9°49.9'	8.4'	54.6'
9	309°08.6'	312°51.0'	S 1°36.3'	90°57.3'	14.0'	S 9°58.3'	8.4'	54.6'
10	324°11.1'	327°51.2'	S 1°35.3'	105°30.4'	14.0'	S 10°06.7'	8.3'	54.6'
11	339°13.5'	342°51.4'	S 1°34.3'	120°03.4'	14.0'	S 10°15.0'	8.3'	54.6'
12	354°16.0'	357°51.6'	S 1°33.4'	134°36.5'	14.0'	S 10°23.2'	8.2'	54.5'
13	9°18.5'	12°51.7'	S 1°32.4'	149°09.5'	14.0'	S 10°31.5'	8.2'	54.5'
14	24°20.9'	27°51.9'	S 1°31.4'	163°42.5'	14.0'	S 10°39.6'	8.1'	54.5'
15	39°23.4'	42°52.1'	S 1°30.4'	178°15.5'	14.0'	S 10°47.7'	8.1'	54.5'
16	54°25.9'	57°52.3'	S 1°29.4'	192°48.5'	14.0'	S 10°55.8'	8.0'	54.5'
17	69°28.3'	72°52.5'	S 1°28.4'	207°21.5'	14.0'	S 11°03.8'	8.0'	54.5'
18	84°30.8'	87°52.6'	S 1°27.4'	221°54.4'	14.0'	S 11°11.8'	7.9'	54.5'
19	99°33.2'	102°52.8'	S 1°26.4'	236°27.4'	13.9'	S 11°19.7'	7.9'	54.5'
20	114°35.7'	117°53.0'	S 1°25.5'	251°00.4'	13.9'	S 11°27.5'	7.8'	54.5'
21	129°38.2'	132°53.2'	S 1°24.5'	265°33.3'	13.9'	S 11°35.3'	7.7'	54.4'
22	144°40.6'	147°53.4'	S 1°23.5'	280°06.2'	13.9'	S 11°43.1'	7.7'	54.4'
23	159°43.1'	162°53.5'	S 1°22.5'	294°39.1'	13.9'	S 11°50.8'	7.6'	54.4'

Fri Mar 17, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	174°45.6'	177°53.7'	S 1°21.5'	309°12.0'	13.9'	S 11°58.4'	7.6'	54.4'
1	189°48.0'	192°53.9'	S 1°20.5'	323°44.9'	13.9'	S 12°06.0'	7.5'	54.4'
2	204°50.5'	207°54.1'	S 1°19.5'	338°17.8'	13.9'	S 12°13.5'	7.5'	54.4'
3	219°53.0'	222°54.3'	S 1°18.5'	352°50.6'	13.8'	S 12°21.0'	7.4'	54.4'
4	234°55.4'	237°54.4'	S 1°17.5'	7°23.5'	13.8'	S 12°28.4'	7.4'	54.4'
5	249°57.9'	252°54.6'	S 1°16.6'	21°56.3'	13.8'	S 12°35.8'	7.3'	54.4'
6	265°00.4'	267°54.8'	S 1°15.6'	36°29.1'	13.8'	S 12°43.1'	7.2'	54.3'
7	280°02.8'	282°55.0'	S 1°14.6'	51°01.9'	13.8'	S 12°50.3'	7.2'	54.3'
8	295°05.3'	297°55.2'	S 1°13.6'	65°34.7'	13.8'	S 12°57.5'	7.1'	54.3'
9	310°07.7'	312°55.3'	S 1°12.6'	80°07.5'	13.7'	S 13°04.6'	7.1'	54.3'
10	325°10.2'	327°55.5'	S 1°11.6'	94°40.2'	13.7'	S 13°11.7'	7.0'	54.3'
11	340°12.7'	342°55.7'	S 1°10.6'	109°12.9'	13.7'	S 13°18.7'	6.9'	54.3'
12	355°15.1'	357°55.9'	S 1°09.6'	123°45.7'	13.7'	S 13°25.6'	6.9'	54.3'
13	10°17.6'	12°56.1'	S 1°08.7'	138°18.4'	13.7'	S 13°32.5'	6.8'	54.3'
14	25°20.1'	27°56.3'	S 1°07.7'	152°51.0'	13.7'	S 13°39.3'	6.8'	54.3'
15	40°22.5'	42°56.4'	S 1°06.7'	167°23.7'	13.6'	S 13°46.1'	6.7'	54.3'
16	55°25.0'	57°56.6'	S 1°05.7'	181°56.3'	13.6'	S 13°52.8'	6.6'	54.3'
17	70°27.5'	72°56.8'	S 1°04.7'	196°29.0'	13.6'	S 13°59.4'	6.6'	54.3'
18	85°29.9'	87°57.0'	S 1°03.7'	211°01.6'	13.6'	S 14°06.0'	6.5'	54.3'
19	100°32.4'	102°57.2'	S 1°02.7'	225°34.2'	13.6'	S 14°12.5'	6.4'	54.3'
20	115°34.8'	117°57.3'	S 1°01.7'	240°06.7'	13.5'	S 14°19.0'	6.4'	54.2'
21	130°37.3'	132°57.5'	S 1°00.7'	254°39.3'	13.5'	S 14°25.4'	6.3'	54.2'
22	145°39.8'	147°57.7'	S 0°59.8'	269°11.8'	13.5'	S 14°31.7'	6.3'	54.2'
23	160°42.2'	162°57.9'	S 0°58.8'	283°44.3'	13.5'	S 14°37.9'	6.2'	54.2'

Sat Mar 18, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	175°44.7'	177°58.1'	S 0°57.8'	298°16.8'	13.5'	S 14°44.1'	6.1'	54.2'
1	190°47.2'	192°58.2'	S 0°56.8'	312°49.3'	13.4'	S 14°50.2'	6.1'	54.2'
2	205°49.6'	207°58.4'	S 0°55.8'	327°21.7'	13.4'	S 14°56.3'	6.0'	54.2'
3	220°52.1'	222°58.6'	S 0°54.8'	341°54.1'	13.4'	S 15°02.3'	5.9'	54.2'
4	235°54.6'	237°58.8'	S 0°53.8'	356°26.5'	13.4'	S 15°08.2'	5.9'	54.2'
5	250°57.0'	252°59.0'	S 0°52.8'	10°58.9'	13.4'	S 15°14.1'	5.8'	54.2'
6	265°59.5'	267°59.2'	S 0°51.9'	25°31.3'	13.3'	S 15°19.9'	5.7'	54.2'
7	281°02.0'	282°59.3'	S 0°50.9'	40°03.6'	13.3'	S 15°25.6'	5.7'	54.2'
8	296°04.4'	297°59.5'	S 0°49.9'	54°35.9'	13.3'	S 15°31.2'	5.6'	54.2'
9	311°06.9'	312°59.7'	S 0°48.9'	69°08.2'	13.3'	S 15°36.8'	5.5'	54.2'
10	326°09.3'	327°59.9'	S 0°47.9'	83°40.5'	13.2'	S 15°42.3'	5.4'	54.2'
11	341°11.8'	343°00.1'	S 0°46.9'	98°12.8'	13.2'	S 15°47.8'	5.4'	54.2'
12	356°14.3'	358°00.3'	S 0°45.9'	112°45.0'	13.2'	S 15°53.1'	5.3'	54.2'
13	11°16.7'	13°00.4'	S 0°44.9'	127°17.2'	13.2'	S 15°58.4'	5.2'	54.2'
14	26°19.2'	28°00.6'	S 0°43.9'	141°49.4'	13.2'	S 16°03.7'	5.2'	54.2'
15	41°21.7'	43°00.8'	S 0°43.0'	156°21.5'	13.1'	S 16°08.8'	5.1'	54.2'
16	56°24.1'	58°01.0'	S 0°42.0'	170°53.7'	13.1'	S 16°13.9'	5.0'	54.2'
17	71°26.6'	73°01.2'	S 0°41.0'	185°25.8'	13.1'	S 16°18.9'	4.9'	54.2'
18	86°29.1'	88°01.3'	S 0°40.0'	199°57.9'	13.1'	S 16°23.9'	4.9'	54.2'
19	101°31.5'	103°01.5'	S 0°39.0'	214°29.9'	13.0'	S 16°28.8'	4.8'	54.2'
20	116°34.0'	118°01.7'	S 0°38.0'	229°02.0'	13.0'	S 16°33.5'	4.7'	54.2'
21	131°36.5'	133°01.9'	S 0°37.0'	243°34.0'	13.0'	S 16°38.3'	4.6'	54.2'
22	146°38.9'	148°02.1'	S 0°36.0'	258°06.0'	13.0'	S 16°42.9'	4.6'	54.2'
23	161°41.4'	163°02.3'	S 0°35.1'	272°37.9'	12.9'	S 16°47.5'	4.5'	54.2'

Sun Mar 19, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	176°43.8'	178°02.4'	S 0°34.1'	287°09.9'	12.9'	S 16°52.0'	4.4'	54.2'
1	191°46.3'	193°02.6'	S 0°33.1'	301°41.8'	12.9'	S 16°56.4'	4.3'	54.2'
2	206°48.8'	208°02.8'	S 0°32.1'	316°13.7'	12.9'	S 17°00.8'	4.3'	54.2'
3	221°51.2'	223°03.0'	S 0°31.1'	330°45.6'	12.8'	S 17°05.0'	4.2'	54.2'
4	236°53.7'	238°03.2'	S 0°30.1'	345°17.4'	12.8'	S 17°09.2'	4.1'	54.2'
5	251°56.2'	253°03.4'	S 0°29.1'	359°49.2'	12.8'	S 17°13.4'	4.0'	54.2'
6	266°58.6'	268°03.5'	S 0°28.1'	14°21.0'	12.8'	S 17°17.4'	4.0'	54.2'
7	282°01.1'	283°03.7'	S 0°27.1'	28°52.8'	12.7'	S 17°21.4'	3.9'	54.2'
8	297°03.6'	298°03.9'	S 0°26.2'	43°24.5'	12.7'	S 17°25.3'	3.8'	54.2'
9	312°06.0'	313°04.1'	S 0°25.2'	57°56.2'	12.7'	S 17°29.1'	3.7'	54.2'
10	327°08.5'	328°04.3'	S 0°24.2'	72°27.9'	12.7'	S 17°32.8'	3.7'	54.2'
11	342°10.9'	343°04.5'	S 0°23.2'	86°59.6'	12.6'	S 17°36.4'	3.6'	54.2'
12	357°13.4'	358°04.7'	S 0°22.2'	101°31.2'	12.6'	S 17°40.0'	3.5'	54.2'
13	12°15.9'	13°04.8'	S 0°21.2'	116°02.9'	12.6'	S 17°43.5'	3.4'	54.2'
14	27°18.3'	28°05.0'	S 0°20.2'	130°34.5'	12.6'	S 17°46.9'	3.3'	54.3'
15	42°20.8'	43°05.2'	S 0°19.2'	145°06.0'	12.5'	S 17°50.3'	3.3'	54.3'
16	57°23.3'	58°05.4'	S 0°18.3'	159°37.6'	12.5'	S 17°53.5'	3.2'	54.3'
17	72°25.7'	73°05.6'	S 0°17.3'	174°09.1'	12.5'	S 17°56.7'	3.1'	54.3'
18	87°28.2'	88°05.8'	S 0°16.3'	188°40.6'	12.5'	S 17°59.8'	3.0'	54.3'
19	102°30.7'	103°05.9'	S 0°15.3'	203°12.0'	12.4'	S 18°02.8'	2.9'	54.3'
20	117°33.1'	118°06.1'	S 0°14.3'	217°43.5'	12.4'	S 18°05.7'	2.8'	54.3'
21	132°35.6'	133°06.3'	S 0°13.3'	232°14.9'	12.4'	S 18°08.6'	2.8'	54.3'
22	147°38.1'	148°06.5'	S 0°12.3'	246°46.3'	12.4'	S 18°11.3'	2.7'	54.3'
23	162°40.5'	163°06.7'	S 0°11.3'	261°17.7'	12.3'	S 18°14.0'	2.6'	54.3'

Mon Mar 20, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	177°43.0'	178°06.9'	S 0°10.3'	275°49.0'	12.3'	S 18°16.6'	2.5'	54.3'
1	192°45.4'	193°07.0'	S 0°09.4'	290°20.3'	12.3'	S 18°19.1'	2.4'	54.3'
2	207°47.9'	208°07.2'	S 0°08.4'	304°51.6'	12.3'	S 18°21.6'	2.4'	54.4'
3	222°50.4'	223°07.4'	S 0°07.4'	319°22.9'	12.2'	S 18°23.9'	2.3'	54.4'
4	237°52.8'	238°07.6'	S 0°06.4'	333°54.1'	12.2'	S 18°26.2'	2.2'	54.4'
5	252°55.3'	253°07.8'	S 0°05.4'	348°25.3'	12.2'	S 18°28.4'	2.1'	54.4'
6	267°57.8'	268°08.0'	S 0°04.4'	2°56.5'	12.2'	S 18°30.5'	2.0'	54.4'
7	283°00.2'	283°08.2'	S 0°03.4'	17°27.7'	12.1'	S 18°32.5'	1.9'	54.4'
8	298°02.7'	298°08.3'	S 0°02.4'	31°58.8'	12.1'	S 18°34.4'	1.8'	54.4'
9	313°05.2'	313°08.5'	S 0°01.5'	46°30.0'	12.1'	S 18°36.3'	1.8'	54.4'
10	328°07.6'	328°08.7'	S 0°00.5'	61°01.0'	12.1'	S 18°38.0'	1.7'	54.4'
11	343°10.1'	343°08.9'	N 0°00.5'	75°32.1'	12.0'	S 18°39.7'	1.6'	54.5'
12	358°12.6'	358°09.1'	N 0°01.5'	90°03.2'	12.0'	S 18°41.3'	1.5'	54.5'
13	13°15.0'	13°09.3'	N 0°02.5'	104°34.2'	12.0'	S 18°42.8'	1.4'	54.5'
14	28°17.5'	28°09.5'	N 0°03.5'	119°05.2'	12.0'	S 18°44.2'	1.3'	54.5'
15	43°19.9'	43°09.6'	N 0°04.5'	133°36.2'	12.0'	S 18°45.5'	1.2'	54.5'
16	58°22.4'	58°09.8'	N 0°05.5'	148°07.1'	11.9'	S 18°46.7'	1.1'	54.5'
17	73°24.9'	73°10.0'	N 0°06.4'	162°38.0'	11.9'	S 18°47.9'	1.1'	54.5'
18	88°27.3'	88°10.2'	N 0°07.4'	177°08.9'	11.9'	S 18°48.9'	1.0'	54.6'
19	103°29.8'	103°10.4'	N 0°08.4'	191°39.8'	11.9'	S 18°49.9'	0.9'	54.6'
20	118°32.3'	118°10.6'	N 0°09.4'	206°10.7'	11.8'	S 18°50.8'	0.8'	54.6'
21	133°34.7'	133°10.7'	N 0°10.4'	220°41.5'	11.8'	S 18°51.6'	0.7'	54.6'
22	148°37.2'	148°10.9'	N 0°11.4'	235°12.3'	11.8'	S 18°52.3'	0.6'	54.6'
23	163°39.7'	163°11.1'	N 0°12.4'	249°43.1'	11.8'	S 18°52.9'	0.5'	54.6'

Tue Mar 21, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.1'		SD = 15.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	178°42.1'	178°11.3'	N 0°13.4'	264°13.9'	11.7'	S 18°53.5'	0.4'	54.6'
1	193°44.6'	193°11.5'	N 0°14.3'	278°44.6'	11.7'	S 18°53.9'	0.4'	54.7'
2	208°47.0'	208°11.7'	N 0°15.3'	293°15.3'	11.7'	S 18°54.2'	0.3'	54.7'
3	223°49.5'	223°11.9'	N 0°16.3'	307°46.0'	11.7'	S 18°54.5'	0.2'	54.7'
4	238°52.0'	238°12.0'	N 0°17.3'	322°16.7'	11.7'	S 18°54.7'	0.1'	54.7'
5	253°54.4'	253°12.2'	N 0°18.3'	336°47.4'	11.6'	S 18°54.8'	0.0'	54.7'
6	268°56.9'	268°12.4'	N 0°19.3'	351°18.0'	11.6'	S 18°54.7'	0.1'	54.7'
7	283°59.4'	283°12.6'	N 0°20.3'	5°48.6'	11.6'	S 18°54.6'	0.2'	54.8'
8	299°01.8'	298°12.8'	N 0°21.3'	20°19.2'	11.6'	S 18°54.5'	0.3'	54.8'
9	314°04.3'	313°13.0'	N 0°22.2'	34°49.8'	11.6'	S 18°54.2'	0.4'	54.8'
10	329°06.8'	328°13.2'	N 0°23.2'	49°20.3'	11.5'	S 18°53.8'	0.5'	54.8'
11	344°09.2'	343°13.4'	N 0°24.2'	63°50.9'	11.5'	S 18°53.3'	0.6'	54.8'
12	359°11.7'	358°13.5'	N 0°25.2'	78°21.4'	11.5'	S 18°52.8'	0.6'	54.9'
13	14°14.2'	13°13.7'	N 0°26.2'	92°51.9'	11.5'	S 18°52.1'	0.7'	54.9'
14	29°16.6'	28°13.9'	N 0°27.2'	107°22.4'	11.5'	S 18°51.4'	0.8'	54.9'
15	44°19.1'	43°14.1'	N 0°28.2'	121°52.8'	11.4'	S 18°50.6'	0.9'	54.9'
16	59°21.5'	58°14.3'	N 0°29.2'	136°23.2'	11.4'	S 18°49.7'	1.0'	54.9'
17	74°24.0'	73°14.5'	N 0°30.1'	150°53.6'	11.4'	S 18°48.6'	1.1'	55.0'
18	89°26.5'	88°14.7'	N 0°31.1'	165°24.0'	11.4'	S 18°47.5'	1.2'	55.0'
19	104°28.9'	103°14.8'	N 0°32.1'	179°54.4'	11.4'	S 18°46.3'	1.3'	55.0'
20	119°31.4'	118°15.0'	N 0°33.1'	194°24.8'	11.3'	S 18°45.0'	1.4'	55.0'
21	134°33.9'	133°15.2'	N 0°34.1'	208°55.1'	11.3'	S 18°43.7'	1.5'	55.1'
22	149°36.3'	148°15.4'	N 0°35.1'	223°25.4'	11.3'	S 18°42.2'	1.6'	55.1'
23	164°38.8'	163°15.6'	N 0°36.1'	237°55.7'	11.3'	S 18°40.6'	1.7'	55.1'

Wed Mar 22, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 15.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	179°41.3'	178°15.8'	N 0°37.1'	252°26.0'	11.3'	S 18°39.0'	1.8'	55.1'
1	194°43.7'	193°16.0'	N 0°38.0'	266°56.3'	11.2'	S 18°37.2'	1.8'	55.1'
2	209°46.2'	208°16.1'	N 0°39.0'	281°26.5'	11.2'	S 18°35.4'	1.9'	55.2'
3	224°48.7'	223°16.3'	N 0°40.0'	295°56.8'	11.2'	S 18°33.4'	2.0'	55.2'
4	239°51.1'	238°16.5'	N 0°41.0'	310°27.0'	11.2'	S 18°31.4'	2.1'	55.2'
5	254°53.6'	253°16.7'	N 0°42.0'	324°57.2'	11.2'	S 18°29.3'	2.2'	55.2'
6	269°56.0'	268°16.9'	N 0°43.0'	339°27.4'	11.2'	S 18°27.0'	2.3'	55.3'
7	284°58.5'	283°17.1'	N 0°44.0'	353°57.5'	11.2'	S 18°24.7'	2.4'	55.3'
8	300°01.0'	298°17.3'	N 0°44.9'	8°27.7'	11.1'	S 18°22.3'	2.5'	55.3'
9	315°03.4'	313°17.5'	N 0°45.9'	22°57.8'	11.1'	S 18°19.8'	2.6'	55.3'
10	330°05.9'	328°17.6'	N 0°46.9'	37°27.9'	11.1'	S 18°17.2'	2.7'	55.4'
11	345°08.4'	343°17.8'	N 0°47.9'	51°58.0'	11.1'	S 18°14.5'	2.8'	55.4'
12	0°10.8'	358°18.0'	N 0°48.9'	66°28.1'	11.1'	S 18°11.8'	2.9'	55.4'
13	15°13.3'	13°18.2'	N 0°49.9'	80°58.2'	11.1'	S 18°08.9'	3.0'	55.4'
14	30°15.8'	28°18.4'	N 0°50.9'	95°28.3'	11.0'	S 18°05.9'	3.1'	55.5'
15	45°18.2'	43°18.6'	N 0°51.8'	109°58.3'	11.0'	S 18°02.9'	3.2'	55.5'
16	60°20.7'	58°18.8'	N 0°52.8'	124°28.3'	11.0'	S 17°59.7'	3.2'	55.5'
17	75°23.1'	73°18.9'	N 0°53.8'	138°58.4'	11.0'	S 17°56.5'	3.3'	55.6'
18	90°25.6'	88°19.1'	N 0°54.8'	153°28.4'	11.0'	S 17°53.1'	3.4'	55.6'
19	105°28.1'	103°19.3'	N 0°55.8'	167°58.4'	11.0'	S 17°49.7'	3.5'	55.6'
20	120°30.5'	118°19.5'	N 0°56.8'	182°28.3'	11.0'	S 17°46.2'	3.6'	55.6'
21	135°33.0'	133°19.7'	N 0°57.8'	196°58.3'	11.0'	S 17°42.6'	3.7'	55.7'
22	150°35.5'	148°19.9'	N 0°58.7'	211°28.3'	10.9'	S 17°38.8'	3.8'	55.7'
23	165°37.9'	163°20.1'	N 0°59.7'	225°58.2'	10.9'	S 17°35.0'	3.9'	55.7'

Thu Mar 23, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 15.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	180°40.4'	178°20.3'	N 1°00.7'	240°28.1'	10.9'	S 17°31.1'	4.0'	55.8'
1	195°42.9'	193°20.4'	N 1°01.7'	254°58.0'	10.9'	S 17°27.2'	4.1'	55.8'
2	210°45.3'	208°20.6'	N 1°02.7'	269°27.9'	10.9'	S 17°23.1'	4.2'	55.8'
3	225°47.8'	223°20.8'	N 1°03.7'	283°57.8'	10.9'	S 17°18.9'	4.3'	55.8'
4	240°50.3'	238°21.0'	N 1°04.7'	298°27.7'	10.9'	S 17°14.6'	4.4'	55.9'
5	255°52.7'	253°21.2'	N 1°05.6'	312°57.6'	10.9'	S 17°10.3'	4.5'	55.9'
6	270°55.2'	268°21.4'	N 1°06.6'	327°27.4'	10.8'	S 17°05.8'	4.5'	55.9'
7	285°57.6'	283°21.6'	N 1°07.6'	341°57.3'	10.8'	S 17°01.3'	4.6'	56.0'
8	301°00.1'	298°21.8'	N 1°08.6'	356°27.1'	10.8'	S 16°56.6'	4.7'	56.0'
9	316°02.6'	313°21.9'	N 1°09.6'	10°56.9'	10.8'	S 16°51.9'	4.8'	56.0'
10	331°05.0'	328°22.1'	N 1°10.6'	25°26.7'	10.8'	S 16°47.1'	4.9'	56.1'
11	346°07.5'	343°22.3'	N 1°11.6'	39°56.5'	10.8'	S 16°42.2'	5.0'	56.1'
12	1°10.0'	358°22.5'	N 1°12.5'	54°26.3'	10.8'	S 16°37.2'	5.1'	56.1'
13	16°12.4'	13°22.7'	N 1°13.5'	68°56.1'	10.8'	S 16°32.1'	5.2'	56.1'
14	31°14.9'	28°22.9'	N 1°14.5'	83°25.9'	10.8'	S 16°26.9'	5.3'	56.2'
15	46°17.4'	43°23.1'	N 1°15.5'	97°55.7'	10.8'	S 16°21.6'	5.4'	56.2'
16	61°19.8'	58°23.3'	N 1°16.5'	112°25.4'	10.7'	S 16°16.2'	5.5'	56.2'
17	76°22.3'	73°23.4'	N 1°17.5'	126°55.1'	10.7'	S 16°10.8'	5.5'	56.3'
18	91°24.8'	88°23.6'	N 1°18.5'	141°24.9'	10.7'	S 16°05.2'	5.6'	56.3'
19	106°27.2'	103°23.8'	N 1°19.4'	155°54.6'	10.7'	S 15°59.6'	5.7'	56.3'
20	121°29.7'	118°24.0'	N 1°20.4'	170°24.3'	10.7'	S 15°53.9'	5.8'	56.4'
21	136°32.1'	133°24.2'	N 1°21.4'	184°54.0'	10.7'	S 15°48.0'	5.9'	56.4'
22	151°34.6'	148°24.4'	N 1°22.4'	199°23.7'	10.7'	S 15°42.1'	6.0'	56.4'
23	166°37.1'	163°24.6'	N 1°23.4'	213°53.4'	10.7'	S 15°36.1'	6.1'	56.5'

Fri Mar 24, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 15.5'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	181°39.5'	178°24.8'	N 1°24.4'	228°23.1'	10.7'	S 15°30.0'	6.2'	56.5'
1	196°42.0'	193°24.9'	N 1°25.3'	242°52.8'	10.7'	S 15°23.9'	6.3'	56.5'
2	211°44.5'	208°25.1'	N 1°26.3'	257°22.4'	10.7'	S 15°17.6'	6.3'	56.6'
3	226°46.9'	223°25.3'	N 1°27.3'	271°52.1'	10.6'	S 15°11.3'	6.4'	56.6'
4	241°49.4'	238°25.5'	N 1°28.3'	286°21.7'	10.6'	S 15°04.8'	6.5'	56.6'
5	256°51.9'	253°25.7'	N 1°29.3'	300°51.4'	10.6'	S 14°58.3'	6.6'	56.7'
6	271°54.3'	268°25.9'	N 1°30.3'	315°21.0'	10.6'	S 14°51.7'	6.7'	56.7'
7	286°56.8'	283°26.1'	N 1°31.3'	329°50.6'	10.6'	S 14°45.0'	6.8'	56.7'
8	301°59.2'	298°26.3'	N 1°32.2'	344°20.3'	10.6'	S 14°38.2'	6.9'	56.8'
9	317°01.7'	313°26.4'	N 1°33.2'	358°49.9'	10.6'	S 14°31.3'	7.0'	56.8'
10	332°04.2'	328°26.6'	N 1°34.2'	13°19.5'	10.6'	S 14°24.4'	7.0'	56.8'
11	347°06.6'	343°26.8'	N 1°35.2'	27°49.1'	10.6'	S 14°17.4'	7.1'	56.9'
12	2°09.1'	358°27.0'	N 1°36.2'	42°18.7'	10.6'	S 14°10.2'	7.2'	56.9'
13	17°11.6'	13°27.2'	N 1°37.2'	56°48.2'	10.6'	S 14°03.0'	7.3'	56.9'
14	32°14.0'	28°27.4'	N 1°38.1'	71°17.8'	10.6'	S 13°55.7'	7.4'	57.0'
15	47°16.5'	43°27.6'	N 1°39.1'	85°47.4'	10.6'	S 13°48.4'	7.5'	57.0'
16	62°19.0'	58°27.8'	N 1°40.1'	100°16.9'	10.5'	S 13°40.9'	7.5'	57.0'
17	77°21.4'	73°28.0'	N 1°41.1'	114°46.5'	10.5'	S 13°33.4'	7.6'	57.1'
18	92°23.9'	88°28.1'	N 1°42.1'	129°16.0'	10.5'	S 13°25.8'	7.7'	57.1'
19	107°26.4'	103°28.3'	N 1°43.1'	143°45.5'	10.5'	S 13°18.0'	7.8'	57.1'
20	122°28.8'	118°28.5'	N 1°44.0'	158°15.1'	10.5'	S 13°10.3'	7.9'	57.2'
21	137°31.3'	133°28.7'	N 1°45.0'	172°44.6'	10.5'	S 13°02.4'	7.9'	57.2'
22	152°33.7'	148°28.9'	N 1°46.0'	187°14.1'	10.5'	S 12°54.5'	8.0'	57.3'
23	167°36.2'	163°29.1'	N 1°47.0'	201°43.6'	10.5'	S 12°46.4'	8.1'	57.3'

Sat Mar 25, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 15.7'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	182°38.7'	178°29.3'	N 1°48.0'	216°13.1'	10.5'	S 12°38.3'	8.2'	57.3'
1	197°41.1'	193°29.5'	N 1°49.0'	230°42.6'	10.5'	S 12°30.2'	8.3'	57.4'
2	212°43.6'	208°29.6'	N 1°49.9'	245°12.1'	10.5'	S 12°21.9'	8.3'	57.4'
3	227°46.1'	223°29.8'	N 1°50.9'	259°41.5'	10.5'	S 12°13.6'	8.4'	57.4'
4	242°48.5'	238°30.0'	N 1°51.9'	274°11.0'	10.5'	S 12°05.2'	8.5'	57.5'
5	257°51.0'	253°30.2'	N 1°52.9'	288°40.5'	10.4'	S 11°56.7'	8.6'	57.5'
6	272°53.5'	268°30.4'	N 1°53.9'	303°09.9'	10.4'	S 11°48.1'	8.6'	57.5'
7	287°55.9'	283°30.6'	N 1°54.9'	317°39.4'	10.4'	S 11°39.5'	8.7'	57.6'
8	302°58.4'	298°30.8'	N 1°55.8'	332°08.8'	10.4'	S 11°30.8'	8.8'	57.6'
9	318°00.9'	313°31.0'	N 1°56.8'	346°38.2'	10.4'	S 11°22.0'	8.9'	57.6'
10	333°03.3'	328°31.1'	N 1°57.8'	1°07.6'	10.4'	S 11°13.1'	8.9'	57.7'
11	348°05.8'	343°31.3'	N 1°58.8'	15°37.0'	10.4'	S 11°04.2'	9.0'	57.7'
12	3°08.2'	358°31.5'	N 1°59.8'	30°06.4'	10.4'	S 10°55.2'	9.1'	57.7'
13	18°10.7'	13°31.7'	N 2°00.7'	44°35.8'	10.4'	S 10°46.1'	9.1'	57.8'
14	33°13.2'	28°31.9'	N 2°01.7'	59°05.2'	10.4'	S 10°37.0'	9.2'	57.8'
15	48°15.6'	43°32.1'	N 2°02.7'	73°34.6'	10.4'	S 10°27.8'	9.3'	57.8'
16	63°18.1'	58°32.3'	N 2°03.7'	88°04.0'	10.4'	S 10°18.5'	9.3'	57.9'
17	78°20.6'	73°32.5'	N 2°04.7'	102°33.3'	10.3'	S 10°09.1'	9.4'	57.9'
18	93°23.0'	88°32.7'	N 2°05.7'	117°02.7'	10.3'	S 9°59.7'	9.5'	57.9'
19	108°25.5'	103°32.8'	N 2°06.6'	131°32.0'	10.3'	S 9°50.3'	9.5'	58.0'
20	123°28.0'	118°33.0'	N 2°07.6'	146°01.3'	10.3'	S 9°40.7'	9.6'	58.0'
21	138°30.4'	133°33.2'	N 2°08.6'	160°30.6'	10.3'	S 9°31.1'	9.7'	58.0'
22	153°32.9'	148°33.4'	N 2°09.6'	174°59.9'	10.3'	S 9°21.4'	9.7'	58.1'
23	168°35.3'	163°33.6'	N 2°10.6'	189°29.2'	10.3'	S 9°11.7'	9.8'	58.1'

Sun Mar 26, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	183°37.8'	178°33.8'	N 2°11.5'	203°58.5'	10.3'	S 9°01.9'	9.9'	58.2'
1	198°40.3'	193°34.0'	N 2°12.5'	218°27.8'	10.3'	S 8°52.0'	9.9'	58.2'
2	213°42.7'	208°34.2'	N 2°13.5'	232°57.1'	10.3'	S 8°42.1'	10.0'	58.2'
3	228°45.2'	223°34.3'	N 2°14.5'	247°26.3'	10.2'	S 8°32.1'	10.0'	58.3'
4	243°47.7'	238°34.5'	N 2°15.5'	261°55.6'	10.2'	S 8°22.0'	10.1'	58.3'
5	258°50.1'	253°34.7'	N 2°16.4'	276°24.8'	10.2'	S 8°11.9'	10.2'	58.3'
6	273°52.6'	268°34.9'	N 2°17.4'	290°54.0'	10.2'	S 8°01.8'	10.2'	58.4'
7	288°55.1'	283°35.1'	N 2°18.4'	305°23.2'	10.2'	S 7°51.6'	10.3'	58.4'
8	303°57.5'	298°35.3'	N 2°19.4'	319°52.4'	10.2'	S 7°41.3'	10.3'	58.4'
9	318°60.0'	313°35.5'	N 2°20.4'	334°21.6'	10.2'	S 7°30.9'	10.4'	58.5'
10	334°02.5'	328°35.7'	N 2°21.4'	348°50.8'	10.2'	S 7°20.6'	10.4'	58.5'
11	349°04.9'	343°35.8'	N 2°22.3'	3°19.9'	10.1'	S 7°10.1'	10.5'	58.5'
12	4°07.4'	358°36.0'	N 2°23.3'	17°49.1'	10.1'	S 6°59.6'	10.5'	58.5'
13	19°09.8'	13°36.2'	N 2°24.3'	32°18.2'	10.1'	S 6°49.1'	10.6'	58.6'
14	34°12.3'	28°36.4'	N 2°25.3'	46°47.3'	10.1'	S 6°38.5'	10.6'	58.6'
15	49°14.8'	43°36.6'	N 2°26.3'	61°16.4'	10.1'	S 6°27.8'	10.7'	58.6'
16	64°17.2'	58°36.8'	N 2°27.2'	75°45.5'	10.1'	S 6°17.2'	10.7'	58.7'
17	79°19.7'	73°37.0'	N 2°28.2'	90°14.6'	10.1'	S 6°06.4'	10.8'	58.7'
18	94°22.2'	88°37.2'	N 2°29.2'	104°43.6'	10.0'	S 5°55.6'	10.8'	58.7'
19	109°24.6'	103°37.4'	N 2°30.2'	119°12.7'	10.0'	S 5°44.8'	10.9'	58.8'
20	124°27.1'	118°37.5'	N 2°31.1'	133°41.7'	10.0'	S 5°33.9'	10.9'	58.8'
21	139°29.6'	133°37.7'	N 2°32.1'	148°10.7'	10.0'	S 5°23.0'	11.0'	58.8'
22	154°32.0'	148°37.9'	N 2°33.1'	162°39.7'	10.0'	S 5°12.0'	11.0'	58.9'
23	169°34.5'	163°38.1'	N 2°34.1'	177°08.7'	10.0'	S 5°01.0'	11.0'	58.9'

Mon Mar 27, 2017 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°36.9'	178°38.3'	N 2°35.1'	191°37.7'	9.9'	S 4°50.0'	11.1'	58.9'
1	199°39.4'	193°38.5'	N 2°36.0'	206°06.6'	9.9'	S 4°38.9'	11.1'	59.0'
2	214°41.9'	208°38.7'	N 2°37.0'	220°35.5'	9.9'	S 4°27.8'	11.2'	59.0'
3	229°44.3'	223°38.9'	N 2°38.0'	235°04.5'	9.9'	S 4°16.6'	11.2'	59.0'
4	244°46.8'	238°39.0'	N 2°39.0'	249°33.3'	9.9'	S 4°05.4'	11.2'	59.0'
5	259°49.3'	253°39.2'	N 2°40.0'	264°02.2'	9.9'	S 3°54.2'	11.3'	59.1'
6	274°51.7'	268°39.4'	N 2°40.9'	278°31.1'	9.8'	S 3°42.9'	11.3'	59.1'
7	289°54.2'	283°39.6'	N 2°41.9'	292°59.9'	9.8'	S 3°31.6'	11.3'	59.1'
8	304°56.7'	298°39.8'	N 2°42.9'	307°28.7'	9.8'	S 3°20.3'	11.4'	59.2'
9	319°59.1'	313°40.0'	N 2°43.9'	321°57.5'	9.8'	S 3°09.0'	11.4'	59.2'
10	335°01.6'	328°40.2'	N 2°44.9'	336°26.3'	9.8'	S 2°57.6'	11.4'	59.2'
11	350°04.1'	343°40.4'	N 2°45.8'	350°55.1'	9.7'	S 2°46.2'	11.4'	59.2'
12	5°06.5'	358°40.5'	N 2°46.8'	5°23.8'	9.7'	S 2°34.7'	11.5'	59.3'
13	20°09.0'	13°40.7'	N 2°47.8'	19°52.5'	9.7'	S 2°23.2'	11.5'	59.3'
14	35°11.4'	28°40.9'	N 2°48.8'	34°21.2'	9.7'	S 2°11.8'	11.5'	59.3'
15	50°13.9'	43°41.1'	N 2°49.7'	48°49.9'	9.6'	S 2°00.2'	11.5'	59.3'
16	65°16.4'	58°41.3'	N 2°50.7'	63°18.5'	9.6'	S 1°48.7'	11.6'	59.4'
17	80°18.8'	73°41.5'	N 2°51.7'	77°47.1'	9.6'	S 1°37.1'	11.6'	59.4'
18	95°21.3'	88°41.7'	N 2°52.7'	92°15.7'	9.6'	S 1°25.6'	11.6'	59.4'
19	110°23.8'	103°41.9'	N 2°53.7'	106°44.3'	9.6'	S 1°14.0'	11.6'	59.4'
20	125°26.2'	118°42.1'	N 2°54.6'	121°12.9'	9.5'	S 1°02.3'	11.6'	59.5'
21	140°28.7'	133°42.2'	N 2°55.6'	135°41.4'	9.5'	S 0°50.7'	11.6'	59.5'
22	155°31.2'	148°42.4'	N 2°56.6'	150°09.9'	9.5'	S 0°39.1'	11.7'	59.5'
23	170°33.6'	163°42.6'	N 2°57.6'	164°38.4'	9.5'	S 0°27.4'	11.7'	59.5'

Tue Mar 28, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	185°36.1'	178°42.8'	N 2°58.5'	179°06.8'	9.4'	S 0°15.7'	11.7'	59.6'
1	200°38.5'	193°43.0'	N 2°59.5'	193°35.3'	9.4'	S 0°04.0'	11.7'	59.6'
2	215°41.0'	208°43.2'	N 3°00.5'	208°03.7'	9.4'	N 0°07.6'	11.7'	59.6'
3	230°43.5'	223°43.4'	N 3°01.5'	222°32.1'	9.4'	N 0°19.3'	11.7'	59.6'
4	245°45.9'	238°43.6'	N 3°02.4'	237°00.4'	9.3'	N 0°31.1'	11.7'	59.6'
5	260°48.4'	253°43.7'	N 3°03.4'	251°28.7'	9.3'	N 0°42.8'	11.7'	59.7'
6	275°50.9'	268°43.9'	N 3°04.4'	265°57.0'	9.3'	N 0°54.5'	11.7'	59.7'
7	290°53.3'	283°44.1'	N 3°05.4'	280°25.3'	9.2'	N 1°06.2'	11.7'	59.7'
8	305°55.8'	298°44.3'	N 3°06.3'	294°53.5'	9.2'	N 1°17.9'	11.7'	59.7'
9	320°58.3'	313°44.5'	N 3°07.3'	309°21.7'	9.2'	N 1°29.7'	11.7'	59.8'
10	336°00.7'	328°44.7'	N 3°08.3'	323°49.9'	9.2'	N 1°41.4'	11.7'	59.8'
11	351°03.2'	343°44.9'	N 3°09.3'	338°18.1'	9.1'	N 1°53.1'	11.7'	59.8'
12	6°05.7'	358°45.1'	N 3°10.3'	352°46.2'	9.1'	N 2°04.8'	11.7'	59.8'
13	21°08.1'	13°45.2'	N 3°11.2'	7°14.3'	9.1'	N 2°16.5'	11.7'	59.8'
14	36°10.6'	28°45.4'	N 3°12.2'	21°42.4'	9.0'	N 2°28.3'	11.7'	59.8'
15	51°13.0'	43°45.6'	N 3°13.2'	36°10.4'	9.0'	N 2°40.0'	11.7'	59.9'
16	66°15.5'	58°45.8'	N 3°14.2'	50°38.4'	9.0'	N 2°51.6'	11.7'	59.9'
17	81°18.0'	73°46.0'	N 3°15.1'	65°06.4'	8.9'	N 3°03.3'	11.7'	59.9'
18	96°20.4'	88°46.2'	N 3°16.1'	79°34.3'	8.9'	N 3°15.0'	11.7'	59.9'
19	111°22.9'	103°46.4'	N 3°17.1'	94°02.2'	8.9'	N 3°26.6'	11.6'	59.9'
20	126°25.4'	118°46.6'	N 3°18.1'	108°30.1'	8.8'	N 3°38.3'	11.6'	59.9'
21	141°27.8'	133°46.7'	N 3°19.0'	122°57.9'	8.8'	N 3°49.9'	11.6'	60.0'
22	156°30.3'	148°46.9'	N 3°20.0'	137°25.7'	8.8'	N 4°01.5'	11.6'	60.0'
23	171°32.8'	163°47.1'	N 3°21.0'	151°53.5'	8.7'	N 4°13.1'	11.6'	60.0'

Wed Mar 29, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	186°35.2'	178°47.3'	N 3°22.0'	166°21.3'	8.7'	N 4°24.7'	11.5'	60.0'
1	201°37.7'	193°47.5'	N 3°22.9'	180°49.0'	8.7'	N 4°36.2'	11.5'	60.0'
2	216°40.2'	208°47.7'	N 3°23.9'	195°16.6'	8.6'	N 4°47.8'	11.5'	60.0'
3	231°42.6'	223°47.9'	N 3°24.9'	209°44.3'	8.6'	N 4°59.3'	11.5'	60.1'
4	246°45.1'	238°48.1'	N 3°25.8'	224°11.9'	8.6'	N 5°10.7'	11.4'	60.1'
5	261°47.5'	253°48.2'	N 3°26.8'	238°39.4'	8.5'	N 5°22.2'	11.4'	60.1'
6	276°50.0'	268°48.4'	N 3°27.8'	253°07.0'	8.5'	N 5°33.6'	11.4'	60.1'
7	291°52.5'	283°48.6'	N 3°28.8'	267°34.5'	8.5'	N 5°45.0'	11.4'	60.1'
8	306°54.9'	298°48.8'	N 3°29.7'	282°01.9'	8.4'	N 5°56.4'	11.3'	60.1'
9	321°57.4'	313°49.0'	N 3°30.7'	296°29.4'	8.4'	N 6°07.7'	11.3'	60.1'
10	336°59.9'	328°49.2'	N 3°31.7'	310°56.8'	8.4'	N 6°19.0'	11.3'	60.1'
11	352°02.3'	343°49.4'	N 3°32.7'	325°24.1'	8.3'	N 6°30.2'	11.2'	60.1'
12	7°04.8'	358°49.6'	N 3°33.6'	339°51.4'	8.3'	N 6°41.5'	11.2'	60.2'
13	22°07.3'	13°49.7'	N 3°34.6'	354°18.7'	8.2'	N 6°52.6'	11.1'	60.2'
14	37°09.7'	28°49.9'	N 3°35.6'	8°46.0'	8.2'	N 7°03.8'	11.1'	60.2'
15	52°12.2'	43°50.1'	N 3°36.6'	23°13.2'	8.2'	N 7°14.9'	11.1'	60.2'
16	67°14.6'	58°50.3'	N 3°37.5'	37°40.3'	8.1'	N 7°25.9'	11.0'	60.2'
17	82°17.1'	73°50.5'	N 3°38.5'	52°07.5'	8.1'	N 7°37.0'	11.0'	60.2'
18	97°19.6'	88°50.7'	N 3°39.5'	66°34.6'	8.1'	N 7°47.9'	10.9'	60.2'
19	112°22.0'	103°50.9'	N 3°40.4'	81°01.6'	8.0'	N 7°58.9'	10.9'	60.2'
20	127°24.5'	118°51.0'	N 3°41.4'	95°28.7'	8.0'	N 8°09.7'	10.8'	60.2'
21	142°27.0'	133°51.2'	N 3°42.4'	109°55.6'	7.9'	N 8°20.6'	10.8'	60.2'
22	157°29.4'	148°51.4'	N 3°43.4'	124°22.6'	7.9'	N 8°31.3'	10.7'	60.2'
23	172°31.9'	163°51.6'	N 3°44.3'	138°49.5'	7.9'	N 8°42.1'	10.7'	60.2'

Thu Mar 30, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	187°34.4'	178°51.8'	N 3°45.3'	153°16.4'	7.8'	N 8°52.7'	10.6'	60.2'
1	202°36.8'	193°52.0'	N 3°46.3'	167°43.2'	7.8'	N 9°03.3'	10.6'	60.2'
2	217°39.3'	208°52.2'	N 3°47.2'	182°10.0'	7.8'	N 9°13.9'	10.5'	60.2'
3	232°41.8'	223°52.4'	N 3°48.2'	196°36.7'	7.7'	N 9°24.4'	10.4'	60.2'
4	247°44.2'	238°52.5'	N 3°49.2'	211°03.4'	7.7'	N 9°34.8'	10.4'	60.3'
5	262°46.7'	253°52.7'	N 3°50.2'	225°30.1'	7.6'	N 9°45.2'	10.3'	60.3'
6	277°49.1'	268°52.9'	N 3°51.1'	239°56.8'	7.6'	N 9°55.5'	10.3'	60.3'
7	292°51.6'	283°53.1'	N 3°52.1'	254°23.4'	7.6'	N 10°05.8'	10.2'	60.3'
8	307°54.1'	298°53.3'	N 3°53.1'	268°49.9'	7.5'	N 10°16.0'	10.1'	60.3'
9	322°56.5'	313°53.5'	N 3°54.0'	283°16.4'	7.5'	N 10°26.1'	10.1'	60.3'
10	337°59.0'	328°53.7'	N 3°55.0'	297°42.9'	7.4'	N 10°36.2'	10.0'	60.3'
11	353°01.5'	343°53.8'	N 3°56.0'	312°09.4'	7.4'	N 10°46.2'	9.9'	60.3'
12	8°03.9'	358°54.0'	N 3°56.9'	326°35.8'	7.4'	N 10°56.1'	9.9'	60.3'
13	23°06.4'	13°54.2'	N 3°57.9'	341°02.2'	7.3'	N 11°06.0'	9.8'	60.3'
14	38°08.9'	28°54.4'	N 3°58.9'	355°28.5'	7.3'	N 11°15.7'	9.7'	60.3'
15	53°11.3'	43°54.6'	N 3°59.9'	9°54.8'	7.3'	N 11°25.4'	9.6'	60.3'
16	68°13.8'	58°54.8'	N 4°00.8'	24°21.0'	7.2'	N 11°35.1'	9.6'	60.3'
17	83°16.2'	73°55.0'	N 4°01.8'	38°47.3'	7.2'	N 11°44.6'	9.5'	60.3'
18	98°18.7'	88°55.2'	N 4°02.8'	53°13.4'	7.1'	N 11°54.1'	9.4'	60.3'
19	113°21.2'	103°55.3'	N 4°03.7'	67°39.6'	7.1'	N 12°03.5'	9.3'	60.3'
20	128°23.6'	118°55.5'	N 4°04.7'	82°05.7'	7.1'	N 12°12.8'	9.2'	60.2'
21	143°26.1'	133°55.7'	N 4°05.7'	96°31.8'	7.0'	N 12°22.1'	9.2'	60.2'
22	158°28.6'	148°55.9'	N 4°06.6'	110°57.8'	7.0'	N 12°31.2'	9.1'	60.2'
23	173°31.0'	163°56.1'	N 4°07.6'	125°23.8'	7.0'	N 12°40.3'	9.0'	60.2'

Fri Mar 31, 2017 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 16.4'				
		GHA	dec	GHA	v	dec	d	HP
0	188°33.5'	178°56.3'	N 4°08.6'	139°49.8'	6.9'	N 12°49.3'	8.9'	60.2'
1	203°36.0'	193°56.5'	N 4°09.5'	154°15.7'	6.9'	N 12°58.2'	8.8'	60.2'
2	218°38.4'	208°56.6'	N 4°10.5'	168°41.6'	6.9'	N 13°07.0'	8.7'	60.2'
3	233°40.9'	223°56.8'	N 4°11.5'	183°07.5'	6.8'	N 13°15.8'	8.6'	60.2'
4	248°43.4'	238°57.0'	N 4°12.5'	197°33.3'	6.8'	N 13°24.4'	8.6'	60.2'
5	263°45.8'	253°57.2'	N 4°13.4'	211°59.1'	6.8'	N 13°32.9'	8.5'	60.2'
6	278°48.3'	268°57.4'	N 4°14.4'	226°24.9'	6.7'	N 13°41.4'	8.4'	60.2'
7	293°50.7'	283°57.6'	N 4°15.4'	240°50.6'	6.7'	N 13°49.8'	8.3'	60.2'
8	308°53.2'	298°57.8'	N 4°16.3'	255°16.3'	6.7'	N 13°58.0'	8.2'	60.2'
9	323°55.7'	313°57.9'	N 4°17.3'	269°41.9'	6.6'	N 14°06.2'	8.1'	60.2'
10	338°58.1'	328°58.1'	N 4°18.3'	284°07.6'	6.6'	N 14°14.3'	8.0'	60.2'
11	354°00.6'	343°58.3'	N 4°19.2'	298°33.2'	6.6'	N 14°22.3'	7.9'	60.2'
12	9°03.1'	358°58.5'	N 4°20.2'	312°58.7'	6.5'	N 14°30.2'	7.8'	60.2'
13	24°05.5'	13°58.7'	N 4°21.2'	327°24.3'	6.5'	N 14°38.0'	7.7'	60.1'
14	39°08.0'	28°58.9'	N 4°22.1'	341°49.8'	6.5'	N 14°45.7'	7.6'	60.1'
15	54°10.5'	43°59.1'	N 4°23.1'	356°15.2'	6.4'	N 14°53.3'	7.5'	60.1'
16	69°12.9'	58°59.2'	N 4°24.1'	10°40.7'	6.4'	N 15°00.7'	7.4'	60.1'
17	84°15.4'	73°59.4'	N 4°25.0'	25°06.1'	6.4'	N 15°08.1'	7.3'	60.1'
18	99°17.9'	88°59.6'	N 4°26.0'	39°31.5'	6.4'	N 15°15.4'	7.2'	60.1'
19	114°20.3'	103°59.8'	N 4°27.0'	53°56.9'	6.3'	N 15°22.6'	7.1'	60.1'
20	129°22.8'	118°60.0'	N 4°27.9'	68°22.2'	6.3'	N 15°29.7'	7.0'	60.1'
21	144°25.2'	134°00.2'	N 4°28.9'	82°47.5'	6.3'	N 15°36.6'	6.9'	60.1'
22	159°27.7'	149°00.4'	N 4°29.9'	97°12.8'	6.3'	N 15°43.5'	6.8'	60.0'
23	174°30.2'	164°00.5'	N 4°30.8'	111°38.1'	6.2'	N 15°50.2'	6.6'	60.0'