

Sun Apr 1, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 15.6'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	189°18.2'	178°59.8'	N 4°26.1'	351°42.5'	11.8'	S 2°32.0'	11.6'	57.6'
1	204°20.7'	193°59.9'	N 4°27.1'	6°13.2'	11.8'	S 2°43.6'	11.6'	57.6'
2	219°23.2'	209°00.1'	N 4°28.1'	20°44.0'	11.8'	S 2°55.1'	11.5'	57.6'
3	234°25.6'	224°00.3'	N 4°29.0'	35°14.8'	11.8'	S 3°06.7'	11.5'	57.5'
4	249°28.1'	239°00.5'	N 4°30.0'	49°45.6'	11.8'	S 3°18.2'	11.5'	57.5'
5	264°30.6'	254°00.7'	N 4°31.0'	64°16.5'	11.9'	S 3°29.7'	11.5'	57.5'
6	279°33.0'	269°00.9'	N 4°31.9'	78°47.3'	11.9'	S 3°41.2'	11.4'	57.5'
7	294°35.5'	284°01.1'	N 4°32.9'	93°18.2'	11.9'	S 3°52.6'	11.4'	57.4'
8	309°38.0'	299°01.2'	N 4°33.8'	107°49.1'	11.9'	S 4°04.0'	11.4'	57.4'
9	324°40.4'	314°01.4'	N 4°34.8'	122°20.0'	11.9'	S 4°15.4'	11.3'	57.4'
10	339°42.9'	329°01.6'	N 4°35.8'	136°50.9'	11.9'	S 4°26.7'	11.3'	57.3'
11	354°45.4'	344°01.8'	N 4°36.7'	151°21.8'	11.9'	S 4°38.0'	11.3'	57.3'
12	9°47.8'	359°02.0'	N 4°37.7'	165°52.8'	12.0'	S 4°49.3'	11.2'	57.3'
13	24°50.3'	14°02.2'	N 4°38.7'	180°23.7'	12.0'	S 5°00.5'	11.2'	57.3'
14	39°52.7'	29°02.4'	N 4°39.6'	194°54.7'	12.0'	S 5°11.7'	11.2'	57.2'
15	54°55.2'	44°02.6'	N 4°40.6'	209°25.7'	12.0'	S 5°22.9'	11.1'	57.2'
16	69°57.7'	59°02.7'	N 4°41.6'	223°56.7'	12.0'	S 5°34.0'	11.1'	57.2'
17	85°00.1'	74°02.9'	N 4°42.5'	238°27.7'	12.0'	S 5°45.1'	11.0'	57.2'
18	100°02.6'	89°03.1'	N 4°43.5'	252°58.7'	12.0'	S 5°56.1'	11.0'	57.1'
19	115°05.1'	104°03.3'	N 4°44.4'	267°29.7'	12.0'	S 6°07.1'	11.0'	57.1'
20	130°07.5'	119°03.5'	N 4°45.4'	282°00.8'	12.1'	S 6°18.1'	10.9'	57.1'
21	145°10.0'	134°03.7'	N 4°46.4'	296°31.8'	12.1'	S 6°29.0'	10.9'	57.0'
22	160°12.5'	149°03.9'	N 4°47.3'	311°02.9'	12.1'	S 6°39.9'	10.8'	57.0'
23	175°14.9'	164°04.0'	N 4°48.3'	325°34.0'	12.1'	S 6°50.8'	10.8'	57.0'

Mon Apr 2, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 15.5'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	190°17.4'	179°04.2'	N 4°49.3'	340°05.0'	12.1'	S 7°01.5'	10.7'	57.0'
1	205°19.8'	194°04.4'	N 4°50.2'	354°36.1'	12.1'	S 7°12.3'	10.7'	56.9'
2	220°22.3'	209°04.6'	N 4°51.2'	9°07.2'	12.1'	S 7°23.0'	10.7'	56.9'
3	235°24.8'	224°04.8'	N 4°52.1'	23°38.3'	12.1'	S 7°33.6'	10.6'	56.9'
4	250°27.2'	239°05.0'	N 4°53.1'	38°09.4'	12.1'	S 7°44.3'	10.6'	56.8'
5	265°29.7'	254°05.2'	N 4°54.1'	52°40.6'	12.1'	S 7°54.8'	10.5'	56.8'
6	280°32.2'	269°05.3'	N 4°55.0'	67°11.7'	12.1'	S 8°05.3'	10.5'	56.8'
7	295°34.6'	284°05.5'	N 4°56.0'	81°42.8'	12.1'	S 8°15.8'	10.4'	56.8'
8	310°37.1'	299°05.7'	N 4°56.9'	96°14.0'	12.1'	S 8°26.2'	10.4'	56.7'
9	325°39.6'	314°05.9'	N 4°57.9'	110°45.1'	12.1'	S 8°36.5'	10.3'	56.7'
10	340°42.0'	329°06.1'	N 4°58.9'	125°16.2'	12.1'	S 8°46.8'	10.2'	56.7'
11	355°44.5'	344°06.3'	N 4°59.8'	139°47.4'	12.2'	S 8°57.1'	10.2'	56.6'
12	10°47.0'	359°06.5'	N 5°00.8'	154°18.5'	12.2'	S 9°07.3'	10.1'	56.6'
13	25°49.4'	14°06.6'	N 5°01.7'	168°49.7'	12.2'	S 9°17.4'	10.1'	56.6'
14	40°51.9'	29°06.8'	N 5°02.7'	183°20.8'	12.2'	S 9°27.5'	10.0'	56.6'
15	55°54.3'	44°07.0'	N 5°03.7'	197°52.0'	12.2'	S 9°37.5'	10.0'	56.5'
16	70°56.8'	59°07.2'	N 5°04.6'	212°23.2'	12.2'	S 9°47.5'	9.9'	56.5'
17	85°59.3'	74°07.4'	N 5°05.6'	226°54.3'	12.2'	S 9°57.4'	9.9'	56.5'
18	101°01.7'	89°07.6'	N 5°06.5'	241°25.5'	12.2'	S 10°07.3'	9.8'	56.5'
19	116°04.2'	104°07.7'	N 5°07.5'	255°56.7'	12.2'	S 10°17.0'	9.7'	56.4'
20	131°06.7'	119°07.9'	N 5°08.5'	270°27.8'	12.2'	S 10°26.8'	9.7'	56.4'
21	146°09.1'	134°08.1'	N 5°09.4'	284°59.0'	12.2'	S 10°36.5'	9.6'	56.4'
22	161°11.6'	149°08.3'	N 5°10.4'	299°30.2'	12.2'	S 10°46.1'	9.5'	56.3'
23	176°14.1'	164°08.5'	N 5°11.3'	314°01.3'	12.2'	S 10°55.6'	9.5'	56.3'

Tue Apr 3, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 15.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	191°16.5'	179°08.7'	N 5°12.3'	328°32.5'	12.2'	S 11°05.1'	9.4'	56.3'
1	206°19.0'	194°08.9'	N 5°13.3'	343°03.7'	12.2'	S 11°14.5'	9.4'	56.3'
2	221°21.4'	209°09.0'	N 5°14.2'	357°34.8'	12.2'	S 11°23.9'	9.3'	56.2'
3	236°23.9'	224°09.2'	N 5°15.2'	12°06.0'	12.2'	S 11°33.2'	9.2'	56.2'
4	251°26.4'	239°09.4'	N 5°16.1'	26°37.2'	12.2'	S 11°42.4'	9.2'	56.2'
5	266°28.8'	254°09.6'	N 5°17.1'	41°08.3'	12.2'	S 11°51.6'	9.1'	56.1'
6	281°31.3'	269°09.8'	N 5°18.0'	55°39.5'	12.2'	S 12°00.7'	9.0'	56.1'
7	296°33.8'	284°10.0'	N 5°19.0'	70°10.7'	12.2'	S 12°09.7'	9.0'	56.1'
8	311°36.2'	299°10.1'	N 5°20.0'	84°41.8'	12.2'	S 12°18.7'	8.9'	56.1'
9	326°38.7'	314°10.3'	N 5°20.9'	99°13.0'	12.1'	S 12°27.5'	8.8'	56.0'
10	341°41.2'	329°10.5'	N 5°21.9'	113°44.1'	12.1'	S 12°36.4'	8.8'	56.0'
11	356°43.6'	344°10.7'	N 5°22.8'	128°15.3'	12.1'	S 12°45.1'	8.7'	56.0'
12	11°46.1'	359°10.9'	N 5°23.8'	142°46.4'	12.1'	S 12°53.8'	8.6'	56.0'
13	26°48.6'	14°11.1'	N 5°24.7'	157°17.5'	12.1'	S 13°02.4'	8.5'	55.9'
14	41°51.0'	29°11.2'	N 5°25.7'	171°48.7'	12.1'	S 13°11.0'	8.5'	55.9'
15	56°53.5'	44°11.4'	N 5°26.7'	186°19.8'	12.1'	S 13°19.4'	8.4'	55.9'
16	71°55.9'	59°11.6'	N 5°27.6'	200°50.9'	12.1'	S 13°27.8'	8.3'	55.9'
17	86°58.4'	74°11.8'	N 5°28.6'	215°22.1'	12.1'	S 13°36.2'	8.3'	55.8'
18	102°00.9'	89°12.0'	N 5°29.5'	229°53.2'	12.1'	S 13°44.4'	8.2'	55.8'
19	117°03.3'	104°12.2'	N 5°30.5'	244°24.3'	12.1'	S 13°52.6'	8.1'	55.8'
20	132°05.8'	119°12.3'	N 5°31.4'	258°55.4'	12.1'	S 14°00.7'	8.0'	55.8'
21	147°08.3'	134°12.5'	N 5°32.4'	273°26.5'	12.1'	S 14°08.7'	8.0'	55.7'
22	162°10.7'	149°12.7'	N 5°33.3'	287°57.6'	12.1'	S 14°16.7'	7.9'	55.7'
23	177°13.2'	164°12.9'	N 5°34.3'	302°28.7'	12.1'	S 14°24.5'	7.8'	55.7'

Wed Apr 4, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 1.0' SD = 16.0'		SD = 15.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	192°15.7'	179°13.1'	N 5°35.2'	316°59.8'	12.1'	S 14°32.4'	7.7'	55.6'
1	207°18.1'	194°13.3'	N 5°36.2'	331°30.8'	12.1'	S 14°40.1'	7.6'	55.6'
2	222°20.6'	209°13.4'	N 5°37.2'	346°01.9'	12.1'	S 14°47.7'	7.6'	55.6'
3	237°23.1'	224°13.6'	N 5°38.1'	0°33.0'	12.1'	S 14°55.3'	7.5'	55.6'
4	252°25.5'	239°13.8'	N 5°39.1'	15°04.1'	12.1'	S 15°02.8'	7.4'	55.5'
5	267°28.0'	254°14.0'	N 5°40.0'	29°35.1'	12.1'	S 15°10.2'	7.3'	55.5'
6	282°30.4'	269°14.2'	N 5°41.0'	44°06.2'	12.0'	S 15°17.5'	7.3'	55.5'
7	297°32.9'	284°14.3'	N 5°41.9'	58°37.2'	12.0'	S 15°24.8'	7.2'	55.5'
8	312°35.4'	299°14.5'	N 5°42.9'	73°08.2'	12.0'	S 15°31.9'	7.1'	55.5'
9	327°37.8'	314°14.7'	N 5°43.8'	87°39.3'	12.0'	S 15°39.0'	7.0'	55.4'
10	342°40.3'	329°14.9'	N 5°44.8'	102°10.3'	12.0'	S 15°46.0'	6.9'	55.4'
11	357°42.8'	344°15.1'	N 5°45.7'	116°41.3'	12.0'	S 15°53.0'	6.8'	55.4'
12	12°45.2'	359°15.3'	N 5°46.7'	131°12.3'	12.0'	S 15°59.8'	6.8'	55.4'
13	27°47.7'	14°15.4'	N 5°47.6'	145°43.3'	12.0'	S 16°06.6'	6.7'	55.3'
14	42°50.2'	29°15.6'	N 5°48.6'	160°14.3'	12.0'	S 16°13.3'	6.6'	55.3'
15	57°52.6'	44°15.8'	N 5°49.5'	174°45.3'	12.0'	S 16°19.9'	6.5'	55.3'
16	72°55.1'	59°16.0'	N 5°50.5'	189°16.3'	12.0'	S 16°26.4'	6.4'	55.3'
17	87°57.5'	74°16.2'	N 5°51.4'	203°47.3'	12.0'	S 16°32.8'	6.3'	55.2'
18	103°00.0'	89°16.3'	N 5°52.4'	218°18.3'	12.0'	S 16°39.2'	6.3'	55.2'
19	118°02.5'	104°16.5'	N 5°53.3'	232°49.2'	12.0'	S 16°45.4'	6.2'	55.2'
20	133°04.9'	119°16.7'	N 5°54.3'	247°20.2'	12.0'	S 16°51.6'	6.1'	55.2'
21	148°07.4'	134°16.9'	N 5°55.3'	261°51.2'	11.9'	S 16°57.7'	6.0'	55.2'
22	163°09.9'	149°17.1'	N 5°56.2'	276°22.1'	11.9'	S 17°03.7'	5.9'	55.1'
23	178°12.3'	164°17.3'	N 5°57.2'	290°53.0'	11.9'	S 17°09.6'	5.8'	55.1'

Thu Apr 5, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 15.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	193°14.8'	179°17.4'	N 5°58.1'	305°24.0'	11.9'	S 17°15.5'	5.7'	55.1'
1	208°17.3'	194°17.6'	N 5°59.1'	319°54.9'	11.9'	S 17°21.2'	5.7'	55.1'
2	223°19.7'	209°17.8'	N 6°00.0'	334°25.8'	11.9'	S 17°26.9'	5.6'	55.1'
3	238°22.2'	224°18.0'	N 6°01.0'	348°56.7'	11.9'	S 17°32.4'	5.5'	55.0'
4	253°24.7'	239°18.2'	N 6°01.9'	3°27.6'	11.9'	S 17°37.9'	5.4'	55.0'
5	268°27.1'	254°18.3'	N 6°02.8'	17°58.6'	11.9'	S 17°43.3'	5.3'	55.0'
6	283°29.6'	269°18.5'	N 6°03.8'	32°29.4'	11.9'	S 17°48.6'	5.2'	55.0'
7	298°32.0'	284°18.7'	N 6°04.7'	47°00.3'	11.9'	S 17°53.8'	5.1'	55.0'
8	313°34.5'	299°18.9'	N 6°05.7'	61°31.2'	11.9'	S 17°59.0'	5.0'	54.9'
9	328°37.0'	314°19.1'	N 6°06.6'	76°02.1'	11.9'	S 18°04.0'	5.0'	54.9'
10	343°39.4'	329°19.2'	N 6°07.6'	90°33.0'	11.9'	S 18°09.0'	4.9'	54.9'
11	358°41.9'	344°19.4'	N 6°08.5'	105°03.8'	11.9'	S 18°13.8'	4.8'	54.9'
12	13°44.4'	359°19.6'	N 6°09.5'	119°34.7'	11.9'	S 18°18.6'	4.7'	54.9'
13	28°46.8'	14°19.8'	N 6°10.4'	134°05.6'	11.9'	S 18°23.3'	4.6'	54.8'
14	43°49.3'	29°20.0'	N 6°11.4'	148°36.4'	11.8'	S 18°27.9'	4.5'	54.8'
15	58°51.8'	44°20.1'	N 6°12.3'	163°07.3'	11.8'	S 18°32.4'	4.4'	54.8'
16	73°54.2'	59°20.3'	N 6°13.3'	177°38.1'	11.8'	S 18°36.8'	4.3'	54.8'
17	88°56.7'	74°20.5'	N 6°14.2'	192°09.0'	11.8'	S 18°41.1'	4.2'	54.8'
18	103°59.2'	89°20.7'	N 6°15.2'	206°39.8'	11.8'	S 18°45.4'	4.1'	54.8'
19	119°01.6'	104°20.8'	N 6°16.1'	221°10.6'	11.8'	S 18°49.5'	4.0'	54.7'
20	134°04.1'	119°21.0'	N 6°17.1'	235°41.4'	11.8'	S 18°53.6'	4.0'	54.7'
21	149°06.5'	134°21.2'	N 6°18.0'	250°12.3'	11.8'	S 18°57.5'	3.9'	54.7'
22	164°09.0'	149°21.4'	N 6°19.0'	264°43.1'	11.8'	S 19°01.4'	3.8'	54.7'
23	179°11.5'	164°21.6'	N 6°19.9'	279°13.9'	11.8'	S 19°05.2'	3.7'	54.7'

Fri Apr 6, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	194°13.9'	179°21.7'	N 6°20.9'	293°44.7'	11.8'	S 19°08.9'	3.6'	54.7'
1	209°16.4'	194°21.9'	N 6°21.8'	308°15.5'	11.8'	S 19°12.4'	3.5'	54.6'
2	224°18.9'	209°22.1'	N 6°22.7'	322°46.3'	11.8'	S 19°15.9'	3.4'	54.6'
3	239°21.3'	224°22.3'	N 6°23.7'	337°17.1'	11.8'	S 19°19.3'	3.3'	54.6'
4	254°23.8'	239°22.5'	N 6°24.6'	351°47.9'	11.8'	S 19°22.7'	3.2'	54.6'
5	269°26.3'	254°22.6'	N 6°25.6'	6°18.7'	11.8'	S 19°25.9'	3.1'	54.6'
6	284°28.7'	269°22.8'	N 6°26.5'	20°49.5'	11.8'	S 19°29.0'	3.0'	54.6'
7	299°31.2'	284°23.0'	N 6°27.5'	35°20.3'	11.8'	S 19°32.0'	2.9'	54.6'
8	314°33.6'	299°23.2'	N 6°28.4'	49°51.1'	11.8'	S 19°35.0'	2.8'	54.5'
9	329°36.1'	314°23.3'	N 6°29.4'	64°21.9'	11.8'	S 19°37.8'	2.8'	54.5'
10	344°38.6'	329°23.5'	N 6°30.3'	78°52.7'	11.8'	S 19°40.6'	2.7'	54.5'
11	359°41.0'	344°23.7'	N 6°31.2'	93°23.5'	11.8'	S 19°43.2'	2.6'	54.5'
12	14°43.5'	359°23.9'	N 6°32.2'	107°54.2'	11.8'	S 19°45.8'	2.5'	54.5'
13	29°46.0'	14°24.1'	N 6°33.1'	122°25.0'	11.8'	S 19°48.3'	2.4'	54.5'
14	44°48.4'	29°24.2'	N 6°34.1'	136°55.8'	11.8'	S 19°50.6'	2.3'	54.5'
15	59°50.9'	44°24.4'	N 6°35.0'	151°26.6'	11.8'	S 19°52.9'	2.2'	54.5'
16	74°53.4'	59°24.6'	N 6°36.0'	165°57.4'	11.8'	S 19°55.1'	2.1'	54.5'
17	89°55.8'	74°24.8'	N 6°36.9'	180°28.2'	11.8'	S 19°57.2'	2.0'	54.4'
18	104°58.3'	89°24.9'	N 6°37.8'	194°58.9'	11.8'	S 19°59.2'	1.9'	54.4'
19	120°00.8'	104°25.1'	N 6°38.8'	209°29.7'	11.8'	S 20°01.1'	1.8'	54.4'
20	135°03.2'	119°25.3'	N 6°39.7'	224°00.5'	11.8'	S 20°02.9'	1.7'	54.4'
21	150°05.7'	134°25.5'	N 6°40.7'	238°31.3'	11.8'	S 20°04.6'	1.6'	54.4'
22	165°08.1'	149°25.7'	N 6°41.6'	253°02.1'	11.8'	S 20°06.2'	1.5'	54.4'
23	180°10.6'	164°25.8'	N 6°42.6'	267°32.9'	11.8'	S 20°07.8'	1.4'	54.4'

Sat Apr 7, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	195°13.1'	179°26.0'	N 6°43.5'	282°03.7'	11.8'	S 20°09.2'	1.3'	54.4'
1	210°15.5'	194°26.2'	N 6°44.4'	296°34.5'	11.8'	S 20°10.5'	1.2'	54.4'
2	225°18.0'	209°26.4'	N 6°45.4'	311°05.3'	11.8'	S 20°11.8'	1.1'	54.4'
3	240°20.5'	224°26.5'	N 6°46.3'	325°36.1'	11.8'	S 20°12.9'	1.1'	54.4'
4	255°22.9'	239°26.7'	N 6°47.3'	340°06.9'	11.8'	S 20°14.0'	1.0'	54.3'
5	270°25.4'	254°26.9'	N 6°48.2'	354°37.7'	11.8'	S 20°14.9'	0.9'	54.3'
6	285°27.9'	269°27.1'	N 6°49.1'	9°08.5'	11.8'	S 20°15.8'	0.8'	54.3'
7	300°30.3'	284°27.2'	N 6°50.1'	23°39.3'	11.8'	S 20°16.5'	0.7'	54.3'
8	315°32.8'	299°27.4'	N 6°51.0'	38°10.1'	11.8'	S 20°17.2'	0.6'	54.3'
9	330°35.3'	314°27.6'	N 6°52.0'	52°40.9'	11.8'	S 20°17.8'	0.5'	54.3'
10	345°37.7'	329°27.8'	N 6°52.9'	67°11.8'	11.8'	S 20°18.3'	0.4'	54.3'
11	0°40.2'	344°27.9'	N 6°53.8'	81°42.6'	11.8'	S 20°18.7'	0.3'	54.3'
12	15°42.6'	359°28.1'	N 6°54.8'	96°13.4'	11.8'	S 20°19.0'	0.2'	54.3'
13	30°45.1'	14°28.3'	N 6°55.7'	110°44.3'	11.8'	S 20°19.1'	0.1'	54.3'
14	45°47.6'	29°28.5'	N 6°56.7'	125°15.1'	11.9'	S 20°19.3'	0.0'	54.3'
15	60°50.0'	44°28.6'	N 6°57.6'	139°46.0'	11.9'	S 20°19.3'	0.1'	54.3'
16	75°52.5'	59°28.8'	N 6°58.5'	154°16.8'	11.9'	S 20°19.2'	0.2'	54.3'
17	90°55.0'	74°29.0'	N 6°59.5'	168°47.7'	11.9'	S 20°19.0'	0.3'	54.3'
18	105°57.4'	89°29.2'	N 7°00.4'	183°18.6'	11.9'	S 20°18.7'	0.4'	54.3'
19	120°59.9'	104°29.3'	N 7°01.3'	197°49.5'	11.9'	S 20°18.3'	0.5'	54.3'
20	136°02.4'	119°29.5'	N 7°02.3'	212°20.3'	11.9'	S 20°17.9'	0.6'	54.3'
21	151°04.8'	134°29.7'	N 7°03.2'	226°51.2'	11.9'	S 20°17.3'	0.7'	54.3'
22	166°07.3'	149°29.9'	N 7°04.2'	241°22.1'	11.9'	S 20°16.7'	0.7'	54.3'
23	181°09.8'	164°30.0'	N 7°05.1'	255°53.0'	11.9'	S 20°15.9'	0.8'	54.3'

Sun Apr 8, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	196°12.2'	179°30.2'	N 7°06.0'	270°24.0'	11.9'	S 20°15.1'	0.9'	54.3'
1	211°14.7'	194°30.4'	N 7°07.0'	284°54.9'	11.9'	S 20°14.1'	1.0'	54.3'
2	226°17.1'	209°30.6'	N 7°07.9'	299°25.8'	11.9'	S 20°13.1'	1.1'	54.3'
3	241°19.6'	224°30.7'	N 7°08.8'	313°56.8'	12.0'	S 20°12.0'	1.2'	54.3'
4	256°22.1'	239°30.9'	N 7°09.8'	328°27.7'	12.0'	S 20°10.8'	1.3'	54.3'
5	271°24.5'	254°31.1'	N 7°10.7'	342°58.7'	12.0'	S 20°09.5'	1.4'	54.3'
6	286°27.0'	269°31.2'	N 7°11.6'	357°29.7'	12.0'	S 20°08.1'	1.5'	54.3'
7	301°29.5'	284°31.4'	N 7°12.6'	12°00.6'	12.0'	S 20°06.6'	1.6'	54.3'
8	316°31.9'	299°31.6'	N 7°13.5'	26°31.6'	12.0'	S 20°05.0'	1.7'	54.3'
9	331°34.4'	314°31.8'	N 7°14.4'	41°02.6'	12.0'	S 20°03.3'	1.8'	54.3'
10	346°36.9'	329°31.9'	N 7°15.4'	55°33.6'	12.0'	S 20°01.5'	1.9'	54.3'
11	1°39.3'	344°32.1'	N 7°16.3'	70°04.7'	12.0'	S 19°59.7'	2.0'	54.3'
12	16°41.8'	359°32.3'	N 7°17.2'	84°35.7'	12.0'	S 19°57.7'	2.1'	54.3'
13	31°44.2'	14°32.5'	N 7°18.2'	99°06.7'	12.1'	S 19°55.7'	2.1'	54.3'
14	46°46.7'	29°32.6'	N 7°19.1'	113°37.8'	12.1'	S 19°53.5'	2.2'	54.3'
15	61°49.2'	44°32.8'	N 7°20.0'	128°08.8'	12.1'	S 19°51.3'	2.3'	54.3'
16	76°51.6'	59°33.0'	N 7°21.0'	142°39.9'	12.1'	S 19°48.9'	2.4'	54.3'
17	91°54.1'	74°33.1'	N 7°21.9'	157°11.0'	12.1'	S 19°46.5'	2.5'	54.3'
18	106°56.6'	89°33.3'	N 7°22.8'	171°42.1'	12.1'	S 19°44.0'	2.6'	54.3'
19	121°59.0'	104°33.5'	N 7°23.8'	186°13.2'	12.1'	S 19°41.4'	2.7'	54.3'
20	137°01.5'	119°33.7'	N 7°24.7'	200°44.3'	12.1'	S 19°38.7'	2.8'	54.3'
21	152°04.0'	134°33.8'	N 7°25.6'	215°15.5'	12.1'	S 19°35.9'	2.9'	54.3'
22	167°06.4'	149°34.0'	N 7°26.6'	229°46.6'	12.2'	S 19°33.1'	3.0'	54.3'
23	182°08.9'	164°34.2'	N 7°27.5'	244°17.8'	12.2'	S 19°30.1'	3.1'	54.3'

Mon Apr 9, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	197°11.4'	179°34.3'	N 7°28.4'	258°49.0'	12.2'	S 19°27.0'	3.1'	54.3'
1	212°13.8'	194°34.5'	N 7°29.4'	273°20.1'	12.2'	S 19°23.9'	3.2'	54.3'
2	227°16.3'	209°34.7'	N 7°30.3'	287°51.3'	12.2'	S 19°20.7'	3.3'	54.3'
3	242°18.7'	224°34.9'	N 7°31.2'	302°22.5'	12.2'	S 19°17.3'	3.4'	54.3'
4	257°21.2'	239°35.0'	N 7°32.2'	316°53.8'	12.2'	S 19°13.9'	3.5'	54.3'
5	272°23.7'	254°35.2'	N 7°33.1'	331°25.0'	12.3'	S 19°10.4'	3.6'	54.3'
6	287°26.1'	269°35.4'	N 7°34.0'	345°56.3'	12.3'	S 19°06.8'	3.7'	54.4'
7	302°28.6'	284°35.5'	N 7°34.9'	0°27.5'	12.3'	S 19°03.1'	3.8'	54.4'
8	317°31.1'	299°35.7'	N 7°35.9'	14°58.8'	12.3'	S 18°59.4'	3.9'	54.4'
9	332°33.5'	314°35.9'	N 7°36.8'	29°30.1'	12.3'	S 18°55.5'	3.9'	54.4'
10	347°36.0'	329°36.1'	N 7°37.7'	44°01.4'	12.3'	S 18°51.5'	4.0'	54.4'
11	2°38.5'	344°36.2'	N 7°38.7'	58°32.7'	12.3'	S 18°47.5'	4.1'	54.4'
12	17°40.9'	359°36.4'	N 7°39.6'	73°04.1'	12.3'	S 18°43.4'	4.2'	54.4'
13	32°43.4'	14°36.6'	N 7°40.5'	87°35.4'	12.4'	S 18°39.2'	4.3'	54.4'
14	47°45.9'	29°36.7'	N 7°41.5'	102°06.8'	12.4'	S 18°34.9'	4.4'	54.4'
15	62°48.3'	44°36.9'	N 7°42.4'	116°38.1'	12.4'	S 18°30.5'	4.5'	54.4'
16	77°50.8'	59°37.1'	N 7°43.3'	131°09.5'	12.4'	S 18°26.0'	4.6'	54.4'
17	92°53.2'	74°37.2'	N 7°44.2'	145°40.9'	12.4'	S 18°21.5'	4.6'	54.5'
18	107°55.7'	89°37.4'	N 7°45.2'	160°12.4'	12.4'	S 18°16.8'	4.7'	54.5'
19	122°58.2'	104°37.6'	N 7°46.1'	174°43.8'	12.4'	S 18°12.1'	4.8'	54.5'
20	138°00.6'	119°37.7'	N 7°47.0'	189°15.2'	12.5'	S 18°07.3'	4.9'	54.5'
21	153°03.1'	134°37.9'	N 7°47.9'	203°46.7'	12.5'	S 18°02.4'	5.0'	54.5'
22	168°05.6'	149°38.1'	N 7°48.9'	218°18.2'	12.5'	S 17°57.4'	5.1'	54.5'
23	183°08.0'	164°38.2'	N 7°49.8'	232°49.7'	12.5'	S 17°52.3'	5.2'	54.5'

Tue Apr 10, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	198°10.5'	179°38.4'	N 7°50.7'	247°21.2'	12.5'	S 17°47.2'	5.2'	54.5'
1	213°13.0'	194°38.6'	N 7°51.6'	261°52.7'	12.5'	S 17°41.9'	5.3'	54.6'
2	228°15.4'	209°38.8'	N 7°52.6'	276°24.2'	12.5'	S 17°36.6'	5.4'	54.6'
3	243°17.9'	224°38.9'	N 7°53.5'	290°55.7'	12.6'	S 17°31.2'	5.5'	54.6'
4	258°20.3'	239°39.1'	N 7°54.4'	305°27.3'	12.6'	S 17°25.7'	5.6'	54.6'
5	273°22.8'	254°39.3'	N 7°55.3'	319°58.9'	12.6'	S 17°20.2'	5.7'	54.6'
6	288°25.3'	269°39.4'	N 7°56.3'	334°30.5'	12.6'	S 17°14.5'	5.7'	54.6'
7	303°27.7'	284°39.6'	N 7°57.2'	349°02.1'	12.6'	S 17°08.8'	5.8'	54.6'
8	318°30.2'	299°39.8'	N 7°58.1'	3°33.7'	12.6'	S 17°03.0'	5.9'	54.6'
9	333°32.7'	314°39.9'	N 7°59.0'	18°05.3'	12.6'	S 16°57.1'	6.0'	54.7'
10	348°35.1'	329°40.1'	N 7°60.0'	32°37.0'	12.7'	S 16°51.1'	6.1'	54.7'
11	3°37.6'	344°40.3'	N 8°00.9'	47°08.6'	12.7'	S 16°45.0'	6.1'	54.7'
12	18°40.1'	359°40.4'	N 8°01.8'	61°40.3'	12.7'	S 16°38.9'	6.2'	54.7'
13	33°42.5'	14°40.6'	N 8°02.7'	76°12.0'	12.7'	S 16°32.7'	6.3'	54.7'
14	48°45.0'	29°40.8'	N 8°03.7'	90°43.7'	12.7'	S 16°26.4'	6.4'	54.7'
15	63°47.5'	44°40.9'	N 8°04.6'	105°15.4'	12.7'	S 16°20.0'	6.5'	54.8'
16	78°49.9'	59°41.1'	N 8°05.5'	119°47.1'	12.7'	S 16°13.6'	6.5'	54.8'
17	93°52.4'	74°41.3'	N 8°06.4'	134°18.8'	12.7'	S 16°07.0'	6.6'	54.8'
18	108°54.8'	89°41.4'	N 8°07.4'	148°50.6'	12.8'	S 16°00.4'	6.7'	54.8'
19	123°57.3'	104°41.6'	N 8°08.3'	163°22.3'	12.8'	S 15°53.7'	6.8'	54.8'
20	138°59.8'	119°41.8'	N 8°09.2'	177°54.1'	12.8'	S 15°47.0'	6.8'	54.8'
21	154°02.2'	134°41.9'	N 8°10.1'	192°25.9'	12.8'	S 15°40.1'	6.9'	54.9'
22	169°04.7'	149°42.1'	N 8°11.0'	206°57.7'	12.8'	S 15°33.2'	7.0'	54.9'
23	184°07.2'	164°42.3'	N 8°12.0'	221°29.5'	12.8'	S 15°26.2'	7.1'	54.9'

Wed Apr 11, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 15.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	199°09.6'	179°42.4'	N 8°12.9'	236°01.3'	12.8'	S 15°19.1'	7.1'	54.9'
1	214°12.1'	194°42.6'	N 8°13.8'	250°33.2'	12.8'	S 15°12.0'	7.2'	54.9'
2	229°14.6'	209°42.7'	N 8°14.7'	265°05.0'	12.9'	S 15°04.8'	7.3'	55.0'
3	244°17.0'	224°42.9'	N 8°15.6'	279°36.9'	12.9'	S 14°57.5'	7.4'	55.0'
4	259°19.5'	239°43.1'	N 8°16.6'	294°08.7'	12.9'	S 14°50.1'	7.4'	55.0'
5	274°22.0'	254°43.2'	N 8°17.5'	308°40.6'	12.9'	S 14°42.7'	7.5'	55.0'
6	289°24.4'	269°43.4'	N 8°18.4'	323°12.5'	12.9'	S 14°35.1'	7.6'	55.0'
7	304°26.9'	284°43.6'	N 8°19.3'	337°44.4'	12.9'	S 14°27.6'	7.7'	55.1'
8	319°29.3'	299°43.7'	N 8°20.2'	352°16.3'	12.9'	S 14°19.9'	7.7'	55.1'
9	334°31.8'	314°43.9'	N 8°21.2'	6°48.2'	12.9'	S 14°12.2'	7.8'	55.1'
10	349°34.3'	329°44.1'	N 8°22.1'	21°20.2'	12.9'	S 14°04.4'	7.9'	55.1'
11	4°36.7'	344°44.2'	N 8°23.0'	35°52.1'	12.9'	S 13°56.5'	7.9'	55.1'
12	19°39.2'	359°44.4'	N 8°23.9'	50°24.0'	13.0'	S 13°48.5'	8.0'	55.2'
13	34°41.7'	14°44.6'	N 8°24.8'	64°56.0'	13.0'	S 13°40.5'	8.1'	55.2'
14	49°44.1'	29°44.7'	N 8°25.7'	79°28.0'	13.0'	S 13°32.4'	8.2'	55.2'
15	64°46.6'	44°44.9'	N 8°26.7'	93°59.9'	13.0'	S 13°24.3'	8.2'	55.2'
16	79°49.1'	59°45.0'	N 8°27.6'	108°31.9'	13.0'	S 13°16.1'	8.3'	55.3'
17	94°51.5'	74°45.2'	N 8°28.5'	123°03.9'	13.0'	S 13°07.8'	8.4'	55.3'
18	109°54.0'	89°45.4'	N 8°29.4'	137°35.9'	13.0'	S 12°59.4'	8.4'	55.3'
19	124°56.4'	104°45.5'	N 8°30.3'	152°07.9'	13.0'	S 12°51.0'	8.5'	55.3'
20	139°58.9'	119°45.7'	N 8°31.2'	166°39.9'	13.0'	S 12°42.5'	8.6'	55.3'
21	155°01.4'	134°45.9'	N 8°32.2'	181°11.9'	13.0'	S 12°34.0'	8.6'	55.4'
22	170°03.8'	149°46.0'	N 8°33.1'	195°43.9'	13.0'	S 12°25.3'	8.7'	55.4'
23	185°06.3'	164°46.2'	N 8°34.0'	210°15.9'	13.0'	S 12°16.7'	8.7'	55.4'

Thu Apr 12, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 15.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	200°08.8'	179°46.3'	N 8°34.9'	224°48.0'	13.0'	S 12°07.9'	8.8'	55.4'
1	215°11.2'	194°46.5'	N 8°35.8'	239°20.0'	13.0'	S 11°59.1'	8.9'	55.5'
2	230°13.7'	209°46.7'	N 8°36.7'	253°52.1'	13.0'	S 11°50.2'	8.9'	55.5'
3	245°16.2'	224°46.8'	N 8°37.6'	268°24.1'	13.0'	S 11°41.3'	9.0'	55.5'
4	260°18.6'	239°47.0'	N 8°38.6'	282°56.1'	13.1'	S 11°32.3'	9.1'	55.5'
5	275°21.1'	254°47.2'	N 8°39.5'	297°28.2'	13.1'	S 11°23.2'	9.1'	55.6'
6	290°23.6'	269°47.3'	N 8°40.4'	312°00.2'	13.1'	S 11°14.1'	9.2'	55.6'
7	305°26.0'	284°47.5'	N 8°41.3'	326°32.3'	13.1'	S 11°04.9'	9.2'	55.6'
8	320°28.5'	299°47.6'	N 8°42.2'	341°04.4'	13.1'	S 10°55.7'	9.3'	55.6'
9	335°30.9'	314°47.8'	N 8°43.1'	355°36.4'	13.1'	S 10°46.4'	9.4'	55.7'
10	350°33.4'	329°48.0'	N 8°44.0'	10°08.5'	13.1'	S 10°37.0'	9.4'	55.7'
11	5°35.9'	344°48.1'	N 8°44.9'	24°40.5'	13.1'	S 10°27.6'	9.5'	55.7'
12	20°38.3'	359°48.3'	N 8°45.9'	39°12.6'	13.1'	S 10°18.1'	9.5'	55.7'
13	35°40.8'	14°48.4'	N 8°46.8'	53°44.7'	13.1'	S 10°08.5'	9.6'	55.8'
14	50°43.3'	29°48.6'	N 8°47.7'	68°16.7'	13.1'	S 9°59.0'	9.6'	55.8'
15	65°45.7'	44°48.8'	N 8°48.6'	82°48.8'	13.1'	S 9°49.3'	9.7'	55.8'
16	80°48.2'	59°48.9'	N 8°49.5'	97°20.9'	13.1'	S 9°39.6'	9.8'	55.8'
17	95°50.7'	74°49.1'	N 8°50.4'	111°52.9'	13.1'	S 9°29.8'	9.8'	55.9'
18	110°53.1'	89°49.2'	N 8°51.3'	126°25.0'	13.1'	S 9°20.0'	9.9'	55.9'
19	125°55.6'	104°49.4'	N 8°52.2'	140°57.0'	13.1'	S 9°10.2'	9.9'	55.9'
20	140°58.0'	119°49.6'	N 8°53.1'	155°29.1'	13.0'	S 9°00.2'	10.0'	55.9'
21	156°00.5'	134°49.7'	N 8°54.0'	170°01.1'	13.0'	S 8°50.3'	10.0'	56.0'
22	171°03.0'	149°49.9'	N 8°55.0'	184°33.2'	13.0'	S 8°40.2'	10.1'	56.0'
23	186°05.4'	164°50.0'	N 8°55.9'	199°05.2'	13.0'	S 8°30.2'	10.1'	56.0'

Fri Apr 13, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 16.0'		SD = 15.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	201°07.9'	179°50.2'	N 8°56.8'	213°37.2'	13.0'	S 8°20.0'	10.2'	56.1'
1	216°10.4'	194°50.4'	N 8°57.7'	228°09.3'	13.0'	S 8°09.9'	10.2'	56.1'
2	231°12.8'	209°50.5'	N 8°58.6'	242°41.3'	13.0'	S 7°59.6'	10.3'	56.1'
3	246°15.3'	224°50.7'	N 8°59.5'	257°13.3'	13.0'	S 7°49.4'	10.3'	56.1'
4	261°17.8'	239°50.8'	N 9°00.4'	271°45.3'	13.0'	S 7°39.0'	10.4'	56.2'
5	276°20.2'	254°51.0'	N 9°01.3'	286°17.3'	13.0'	S 7°28.7'	10.4'	56.2'
6	291°22.7'	269°51.1'	N 9°02.2'	300°49.3'	13.0'	S 7°18.3'	10.5'	56.2'
7	306°25.2'	284°51.3'	N 9°03.1'	315°21.3'	13.0'	S 7°07.8'	10.5'	56.2'
8	321°27.6'	299°51.5'	N 9°04.0'	329°53.3'	13.0'	S 6°57.3'	10.5'	56.3'
9	336°30.1'	314°51.6'	N 9°04.9'	344°25.2'	13.0'	S 6°46.8'	10.6'	56.3'
10	351°32.5'	329°51.8'	N 9°05.8'	358°57.2'	12.9'	S 6°36.2'	10.6'	56.3'
11	6°35.0'	344°51.9'	N 9°06.8'	13°29.1'	12.9'	S 6°25.5'	10.7'	56.4'
12	21°37.5'	359°52.1'	N 9°07.7'	28°01.1'	12.9'	S 6°14.9'	10.7'	56.4'
13	36°39.9'	14°52.2'	N 9°08.6'	42°33.0'	12.9'	S 6°04.1'	10.8'	56.4'
14	51°42.4'	29°52.4'	N 9°09.5'	57°04.9'	12.9'	S 5°53.4'	10.8'	56.4'
15	66°44.9'	44°52.6'	N 9°10.4'	71°36.8'	12.9'	S 5°42.6'	10.8'	56.5'
16	81°47.3'	59°52.7'	N 9°11.3'	86°08.7'	12.9'	S 5°31.8'	10.9'	56.5'
17	96°49.8'	74°52.9'	N 9°12.2'	100°40.6'	12.9'	S 5°20.9'	10.9'	56.5'
18	111°52.3'	89°53.0'	N 9°13.1'	115°12.4'	12.8'	S 5°10.0'	10.9'	56.6'
19	126°54.7'	104°53.2'	N 9°14.0'	129°44.3'	12.8'	S 4°59.0'	11.0'	56.6'
20	141°57.2'	119°53.3'	N 9°14.9'	144°16.1'	12.8'	S 4°48.0'	11.0'	56.6'
21	156°59.6'	134°53.5'	N 9°15.8'	158°47.9'	12.8'	S 4°37.0'	11.1'	56.6'
22	172°02.1'	149°53.7'	N 9°16.7'	173°19.7'	12.8'	S 4°26.0'	11.1'	56.7'
23	187°04.6'	164°53.8'	N 9°17.6'	187°51.4'	12.8'	S 4°14.9'	11.1'	56.7'

Sat Apr 14, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 15.9'		SD = 15.6'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	202°07.0'	179°54.0'	N 9°18.5'	202°23.2'	12.7'	S 4°03.8'	11.2'	56.7'
1	217°09.5'	194°54.1'	N 9°19.4'	216°54.9'	12.7'	S 3°52.6'	11.2'	56.8'
2	232°12.0'	209°54.3'	N 9°20.3'	231°26.7'	12.7'	S 3°41.4'	11.2'	56.8'
3	247°14.4'	224°54.4'	N 9°21.2'	245°58.4'	12.7'	S 3°30.2'	11.2'	56.8'
4	262°16.9'	239°54.6'	N 9°22.1'	260°30.0'	12.7'	S 3°19.0'	11.3'	56.8'
5	277°19.4'	254°54.7'	N 9°23.0'	275°01.7'	12.6'	S 3°07.7'	11.3'	56.9'
6	292°21.8'	269°54.9'	N 9°23.9'	289°33.3'	12.6'	S 2°56.4'	11.3'	56.9'
7	307°24.3'	284°55.0'	N 9°24.8'	304°04.9'	12.6'	S 2°45.1'	11.3'	56.9'
8	322°26.8'	299°55.2'	N 9°25.7'	318°36.5'	12.6'	S 2°33.7'	11.4'	57.0'
9	337°29.2'	314°55.4'	N 9°26.6'	333°08.1'	12.5'	S 2°22.4'	11.4'	57.0'
10	352°31.7'	329°55.5'	N 9°27.5'	347°39.6'	12.5'	S 2°11.0'	11.4'	57.0'
11	7°34.1'	344°55.7'	N 9°28.4'	2°11.1'	12.5'	S 1°59.6'	11.4'	57.0'
12	22°36.6'	359°55.8'	N 9°29.3'	16°42.6'	12.5'	S 1°48.1'	11.5'	57.1'
13	37°39.1'	14°56.0'	N 9°30.2'	31°14.1'	12.4'	S 1°36.7'	11.5'	57.1'
14	52°41.5'	29°56.1'	N 9°31.1'	45°45.5'	12.4'	S 1°25.2'	11.5'	57.1'
15	67°44.0'	44°56.3'	N 9°32.0'	60°17.0'	12.4'	S 1°13.7'	11.5'	57.2'
16	82°46.5'	59°56.4'	N 9°32.9'	74°48.3'	12.4'	S 1°02.1'	11.5'	57.2'
17	97°48.9'	74°56.6'	N 9°33.8'	89°19.7'	12.3'	S 0°50.6'	11.6'	57.2'
18	112°51.4'	89°56.7'	N 9°34.7'	103°51.0'	12.3'	S 0°39.0'	11.6'	57.2'
19	127°53.9'	104°56.9'	N 9°35.6'	118°22.3'	12.3'	S 0°27.5'	11.6'	57.3'
20	142°56.3'	119°57.0'	N 9°36.5'	132°53.6'	12.2'	S 0°15.9'	11.6'	57.3'
21	157°58.8'	134°57.2'	N 9°37.4'	147°24.8'	12.2'	S 0°04.3'	11.6'	57.3'
22	173°01.3'	149°57.3'	N 9°38.3'	161°56.0'	12.2'	N 0°07.3'	11.6'	57.4'
23	188°03.7'	164°57.5'	N 9°39.2'	176°27.2'	12.1'	N 0°18.9'	11.6'	57.4'

Sun Apr 15, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 15.9'		SD = 15.7'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	203°06.2'	179°57.6'	N 9°40.1'	190°58.3'	12.1'	N 0°30.6'	11.6'	57.4'
1	218°08.6'	194°57.8'	N 9°41.0'	205°29.4'	12.1'	N 0°42.2'	11.7'	57.4'
2	233°11.1'	209°57.9'	N 9°41.9'	220°00.5'	12.0'	N 0°53.9'	11.7'	57.5'
3	248°13.6'	224°58.1'	N 9°42.8'	234°31.5'	12.0'	N 1°05.5'	11.7'	57.5'
4	263°16.0'	239°58.2'	N 9°43.7'	249°02.6'	12.0'	N 1°17.2'	11.7'	57.5'
5	278°18.5'	254°58.4'	N 9°44.6'	263°33.5'	11.9'	N 1°28.9'	11.7'	57.6'
6	293°21.0'	269°58.6'	N 9°45.4'	278°04.4'	11.9'	N 1°40.5'	11.7'	57.6'
7	308°23.4'	284°58.7'	N 9°46.3'	292°35.3'	11.9'	N 1°52.2'	11.7'	57.6'
8	323°25.9'	299°58.9'	N 9°47.2'	307°06.2'	11.8'	N 2°03.9'	11.7'	57.6'
9	338°28.4'	314°59.0'	N 9°48.1'	321°37.0'	11.8'	N 2°15.6'	11.7'	57.7'
10	353°30.8'	329°59.2'	N 9°49.0'	336°07.8'	11.7'	N 2°27.3'	11.7'	57.7'
11	8°33.3'	344°59.3'	N 9°49.9'	350°38.5'	11.7'	N 2°39.0'	11.7'	57.7'
12	23°35.7'	359°59.5'	N 9°50.8'	5°09.2'	11.7'	N 2°50.6'	11.7'	57.7'
13	38°38.2'	14°59.6'	N 9°51.7'	19°39.9'	11.6'	N 3°02.3'	11.7'	57.8'
14	53°40.7'	29°59.8'	N 9°52.6'	34°10.5'	11.6'	N 3°14.0'	11.7'	57.8'
15	68°43.1'	44°59.9'	N 9°53.5'	48°41.1'	11.5'	N 3°25.7'	11.7'	57.8'
16	83°45.6'	60°00.0'	N 9°54.4'	63°11.6'	11.5'	N 3°37.3'	11.7'	57.8'
17	98°48.1'	75°00.2'	N 9°55.3'	77°42.1'	11.4'	N 3°49.0'	11.6'	57.9'
18	113°50.5'	90°00.3'	N 9°56.2'	92°12.5'	11.4'	N 4°00.6'	11.6'	57.9'
19	128°53.0'	105°00.5'	N 9°57.0'	106°42.9'	11.4'	N 4°12.3'	11.6'	57.9'
20	143°55.5'	120°00.6'	N 9°57.9'	121°13.3'	11.3'	N 4°23.9'	11.6'	58.0'
21	158°57.9'	135°00.8'	N 9°58.8'	135°43.6'	11.3'	N 4°35.5'	11.6'	58.0'
22	174°00.4'	150°00.9'	N 9°59.7'	150°13.9'	11.2'	N 4°47.1'	11.6'	58.0'
23	189°02.9'	165°01.1'	N 10°00.6'	164°44.1'	11.2'	N 4°58.7'	11.6'	58.0'

Mon Apr 16, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 15.9'		SD = 15.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	204°05.3'	180°01.2'	N 10°01.5'	179°14.3'	11.1'	N 5°10.2'	11.6'	58.1'
1	219°07.8'	195°01.4'	N 10°02.4'	193°44.4'	11.1'	N 5°21.8'	11.5'	58.1'
2	234°10.2'	210°01.5'	N 10°03.3'	208°14.5'	11.0'	N 5°33.3'	11.5'	58.1'
3	249°12.7'	225°01.7'	N 10°04.2'	222°44.5'	11.0'	N 5°44.8'	11.5'	58.1'
4	264°15.2'	240°01.8'	N 10°05.0'	237°14.5'	10.9'	N 5°56.3'	11.5'	58.2'
5	279°17.6'	255°02.0'	N 10°05.9'	251°44.4'	10.9'	N 6°07.8'	11.5'	58.2'
6	294°20.1'	270°02.1'	N 10°06.8'	266°14.3'	10.8'	N 6°19.3'	11.4'	58.2'
7	309°22.6'	285°02.3'	N 10°07.7'	280°44.1'	10.8'	N 6°30.7'	11.4'	58.2'
8	324°25.0'	300°02.4'	N 10°08.6'	295°13.9'	10.7'	N 6°42.1'	11.4'	58.2'
9	339°27.5'	315°02.6'	N 10°09.5'	309°43.6'	10.7'	N 6°53.5'	11.3'	58.3'
10	354°30.0'	330°02.7'	N 10°10.4'	324°13.3'	10.6'	N 7°04.8'	11.3'	58.3'
11	9°32.4'	345°02.9'	N 10°11.3'	338°42.9'	10.6'	N 7°16.1'	11.3'	58.3'
12	24°34.9'	0°03.0'	N 10°12.1'	353°12.4'	10.5'	N 7°27.4'	11.3'	58.3'
13	39°37.3'	15°03.1'	N 10°13.0'	7°42.0'	10.5'	N 7°38.7'	11.2'	58.4'
14	54°39.8'	30°03.3'	N 10°13.9'	22°11.4'	10.4'	N 7°49.9'	11.2'	58.4'
15	69°42.3'	45°03.4'	N 10°14.8'	36°40.8'	10.3'	N 8°01.1'	11.2'	58.4'
16	84°44.7'	60°03.6'	N 10°15.7'	51°10.2'	10.3'	N 8°12.2'	11.1'	58.4'
17	99°47.2'	75°03.7'	N 10°16.6'	65°39.4'	10.2'	N 8°23.4'	11.1'	58.5'
18	114°49.7'	90°03.9'	N 10°17.4'	80°08.7'	10.2'	N 8°34.4'	11.0'	58.5'
19	129°52.1'	105°04.0'	N 10°18.3'	94°37.9'	10.1'	N 8°45.5'	11.0'	58.5'
20	144°54.6'	120°04.2'	N 10°19.2'	109°07.0'	10.1'	N 8°56.5'	11.0'	58.5'
21	159°57.1'	135°04.3'	N 10°20.1'	123°36.1'	10.0'	N 9°07.4'	10.9'	58.5'
22	174°59.5'	150°04.5'	N 10°21.0'	138°05.1'	9.9'	N 9°18.4'	10.9'	58.6'
23	190°02.0'	165°04.6'	N 10°21.9'	152°34.0'	9.9'	N 9°29.2'	10.8'	58.6'

Tue Apr 17, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 15.9'		SD = 16.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	205°04.5'	180°04.7'	N 10°22.7'	167°02.9'	9.8'	N 9°40.1'	10.8'	58.6'
1	220°06.9'	195°04.9'	N 10°23.6'	181°31.7'	9.8'	N 9°50.8'	10.7'	58.6'
2	235°09.4'	210°05.0'	N 10°24.5'	196°00.5'	9.7'	N 10°01.6'	10.7'	58.6'
3	250°11.8'	225°05.2'	N 10°25.4'	210°29.2'	9.7'	N 10°12.3'	10.6'	58.7'
4	265°14.3'	240°05.3'	N 10°26.3'	224°57.9'	9.6'	N 10°22.9'	10.6'	58.7'
5	280°16.8'	255°05.5'	N 10°27.1'	239°26.5'	9.5'	N 10°33.5'	10.5'	58.7'
6	295°19.2'	270°05.6'	N 10°28.0'	253°55.0'	9.5'	N 10°44.0'	10.5'	58.7'
7	310°21.7'	285°05.7'	N 10°28.9'	268°23.5'	9.4'	N 10°54.5'	10.4'	58.7'
8	325°24.2'	300°05.9'	N 10°29.8'	282°51.9'	9.4'	N 11°04.9'	10.4'	58.8'
9	340°26.6'	315°06.0'	N 10°30.7'	297°20.3'	9.3'	N 11°15.3'	10.3'	58.8'
10	355°29.1'	330°06.2'	N 10°31.5'	311°48.5'	9.2'	N 11°25.6'	10.2'	58.8'
11	10°31.6'	345°06.3'	N 10°32.4'	326°16.8'	9.2'	N 11°35.8'	10.2'	58.8'
12	25°34.0'	0°06.5'	N 10°33.3'	340°45.0'	9.1'	N 11°46.0'	10.1'	58.8'
13	40°36.5'	15°06.6'	N 10°34.2'	355°13.1'	9.0'	N 11°56.1'	10.1'	58.8'
14	55°39.0'	30°06.7'	N 10°35.1'	9°41.1'	9.0'	N 12°06.2'	10.0'	58.9'
15	70°41.4'	45°06.9'	N 10°35.9'	24°09.1'	8.9'	N 12°16.2'	9.9'	58.9'
16	85°43.9'	60°07.0'	N 10°36.8'	38°37.0'	8.9'	N 12°26.1'	9.9'	58.9'
17	100°46.3'	75°07.2'	N 10°37.7'	53°04.9'	8.8'	N 12°35.9'	9.8'	58.9'
18	115°48.8'	90°07.3'	N 10°38.6'	67°32.7'	8.7'	N 12°45.7'	9.7'	58.9'
19	130°51.3'	105°07.4'	N 10°39.4'	82°00.4'	8.7'	N 12°55.4'	9.6'	58.9'
20	145°53.7'	120°07.6'	N 10°40.3'	96°28.1'	8.6'	N 13°05.1'	9.6'	59.0'
21	160°56.2'	135°07.7'	N 10°41.2'	110°55.7'	8.6'	N 13°14.7'	9.5'	59.0'
22	175°58.7'	150°07.9'	N 10°42.1'	125°23.3'	8.5'	N 13°24.2'	9.4'	59.0'
23	191°01.1'	165°08.0'	N 10°42.9'	139°50.7'	8.4'	N 13°33.6'	9.3'	59.0'

Wed Apr 18, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 15.9'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	206°03.6'	180°08.1'	N 10°43.8'	154°18.2'	8.4'	N 13°42.9'	9.3'	59.0'
1	221°06.1'	195°08.3'	N 10°44.7'	168°45.5'	8.3'	N 13°52.2'	9.2'	59.0'
2	236°08.5'	210°08.4'	N 10°45.6'	183°12.8'	8.2'	N 14°01.4'	9.1'	59.1'
3	251°11.0'	225°08.6'	N 10°46.4'	197°40.1'	8.2'	N 14°10.5'	9.0'	59.1'
4	266°13.4'	240°08.7'	N 10°47.3'	212°07.3'	8.1'	N 14°19.6'	8.9'	59.1'
5	281°15.9'	255°08.8'	N 10°48.2'	226°34.4'	8.1'	N 14°28.5'	8.9'	59.1'
6	296°18.4'	270°09.0'	N 10°49.1'	241°01.4'	8.0'	N 14°37.4'	8.8'	59.1'
7	311°20.8'	285°09.1'	N 10°49.9'	255°28.4'	7.9'	N 14°46.1'	8.7'	59.1'
8	326°23.3'	300°09.3'	N 10°50.8'	269°55.4'	7.9'	N 14°54.8'	8.6'	59.1'
9	341°25.8'	315°09.4'	N 10°51.7'	284°22.2'	7.8'	N 15°03.4'	8.5'	59.1'
10	356°28.2'	330°09.5'	N 10°52.6'	298°49.0'	7.8'	N 15°12.0'	8.4'	59.2'
11	11°30.7'	345°09.7'	N 10°53.4'	313°15.8'	7.7'	N 15°20.4'	8.3'	59.2'
12	26°33.2'	0°09.8'	N 10°54.3'	327°42.5'	7.6'	N 15°28.7'	8.2'	59.2'
13	41°35.6'	15°10.0'	N 10°55.2'	342°09.1'	7.6'	N 15°37.0'	8.1'	59.2'
14	56°38.1'	30°10.1'	N 10°56.0'	356°35.7'	7.5'	N 15°45.1'	8.1'	59.2'
15	71°40.6'	45°10.2'	N 10°56.9'	11°02.2'	7.5'	N 15°53.1'	8.0'	59.2'
16	86°43.0'	60°10.4'	N 10°57.8'	25°28.6'	7.4'	N 16°01.1'	7.9'	59.2'
17	101°45.5'	75°10.5'	N 10°58.6'	39°55.0'	7.3'	N 16°09.0'	7.8'	59.2'
18	116°47.9'	90°10.6'	N 10°59.5'	54°21.4'	7.3'	N 16°16.7'	7.7'	59.3'
19	131°50.4'	105°10.8'	N 11°00.4'	68°47.6'	7.2'	N 16°24.4'	7.6'	59.3'
20	146°52.9'	120°10.9'	N 11°01.3'	83°13.9'	7.2'	N 16°31.9'	7.5'	59.3'
21	161°55.3'	135°11.1'	N 11°02.1'	97°40.0'	7.1'	N 16°39.4'	7.4'	59.3'
22	176°57.8'	150°11.2'	N 11°03.0'	112°06.1'	7.1'	N 16°46.7'	7.2'	59.3'
23	192°00.3'	165°11.3'	N 11°03.9'	126°32.2'	7.0'	N 16°54.0'	7.1'	59.3'

Thu Apr 19, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 15.9'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	207°02.7'	180°11.5'	N 11°04.7'	140°58.2'	6.9'	N 17°01.1'	7.0'	59.3'
1	222°05.2'	195°11.6'	N 11°05.6'	155°24.1'	6.9'	N 17°08.2'	6.9'	59.3'
2	237°07.7'	210°11.7'	N 11°06.5'	169°50.0'	6.8'	N 17°15.1'	6.8'	59.3'
3	252°10.1'	225°11.9'	N 11°07.3'	184°15.9'	6.8'	N 17°21.9'	6.7'	59.3'
4	267°12.6'	240°12.0'	N 11°08.2'	198°41.6'	6.7'	N 17°28.6'	6.6'	59.3'
5	282°15.1'	255°12.1'	N 11°09.1'	213°07.4'	6.7'	N 17°35.2'	6.5'	59.3'
6	297°17.5'	270°12.3'	N 11°09.9'	227°33.1'	6.6'	N 17°41.7'	6.4'	59.4'
7	312°20.0'	285°12.4'	N 11°10.8'	241°58.7'	6.6'	N 17°48.1'	6.3'	59.4'
8	327°22.4'	300°12.5'	N 11°11.6'	256°24.3'	6.5'	N 17°54.4'	6.1'	59.4'
9	342°24.9'	315°12.7'	N 11°12.5'	270°49.8'	6.5'	N 18°00.5'	6.0'	59.4'
10	357°27.4'	330°12.8'	N 11°13.4'	285°15.3'	6.4'	N 18°06.5'	5.9'	59.4'
11	12°29.8'	345°12.9'	N 11°14.2'	299°40.7'	6.4'	N 18°12.5'	5.8'	59.4'
12	27°32.3'	0°13.1'	N 11°15.1'	314°06.1'	6.3'	N 18°18.3'	5.7'	59.4'
13	42°34.8'	15°13.2'	N 11°16.0'	328°31.4'	6.3'	N 18°23.9'	5.6'	59.4'
14	57°37.2'	30°13.3'	N 11°16.8'	342°56.7'	6.3'	N 18°29.5'	5.4'	59.4'
15	72°39.7'	45°13.5'	N 11°17.7'	357°22.0'	6.2'	N 18°34.9'	5.3'	59.4'
16	87°42.2'	60°13.6'	N 11°18.6'	11°47.2'	6.2'	N 18°40.3'	5.2'	59.4'
17	102°44.6'	75°13.7'	N 11°19.4'	26°12.4'	6.1'	N 18°45.5'	5.1'	59.4'
18	117°47.1'	90°13.9'	N 11°20.3'	40°37.5'	6.1'	N 18°50.5'	5.0'	59.4'
19	132°49.5'	105°14.0'	N 11°21.1'	55°02.6'	6.0'	N 18°55.5'	4.8'	59.4'
20	147°52.0'	120°14.1'	N 11°22.0'	69°27.6'	6.0'	N 19°00.3'	4.7'	59.4'
21	162°54.5'	135°14.3'	N 11°22.9'	83°52.7'	6.0'	N 19°05.0'	4.6'	59.4'
22	177°56.9'	150°14.4'	N 11°23.7'	98°17.6'	5.9'	N 19°09.6'	4.5'	59.4'
23	192°59.4'	165°14.5'	N 11°24.6'	112°42.6'	5.9'	N 19°14.0'	4.3'	59.4'

Fri Apr 20, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.9' SD = 15.9'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	208°01.9'	180°14.7'	N 11°25.4'	127°07.5'	5.9'	N 19°18.4'	4.2'	59.4'
1	223°04.3'	195°14.8'	N 11°26.3'	141°32.3'	5.8'	N 19°22.6'	4.1'	59.5'
2	238°06.8'	210°14.9'	N 11°27.2'	155°57.2'	5.8'	N 19°26.6'	3.9'	59.5'
3	253°09.3'	225°15.1'	N 11°28.0'	170°22.0'	5.8'	N 19°30.6'	3.8'	59.5'
4	268°11.7'	240°15.2'	N 11°28.9'	184°46.7'	5.7'	N 19°34.4'	3.7'	59.5'
5	283°14.2'	255°15.3'	N 11°29.7'	199°11.5'	5.7'	N 19°38.1'	3.5'	59.5'
6	298°16.7'	270°15.5'	N 11°30.6'	213°36.2'	5.7'	N 19°41.6'	3.4'	59.5'
7	313°19.1'	285°15.6'	N 11°31.4'	228°00.9'	5.7'	N 19°45.0'	3.3'	59.5'
8	328°21.6'	300°15.7'	N 11°32.3'	242°25.6'	5.6'	N 19°48.3'	3.2'	59.5'
9	343°24.0'	315°15.9'	N 11°33.2'	256°50.2'	5.6'	N 19°51.5'	3.0'	59.5'
10	358°26.5'	330°16.0'	N 11°34.0'	271°14.8'	5.6'	N 19°54.5'	2.9'	59.5'
11	13°29.0'	345°16.1'	N 11°34.9'	285°39.4'	5.6'	N 19°57.4'	2.8'	59.5'
12	28°31.4'	0°16.2'	N 11°35.7'	300°04.0'	5.6'	N 20°00.1'	2.6'	59.5'
13	43°33.9'	15°16.4'	N 11°36.6'	314°28.5'	5.5'	N 20°02.7'	2.5'	59.5'
14	58°36.4'	30°16.5'	N 11°37.4'	328°53.1'	5.5'	N 20°05.2'	2.3'	59.5'
15	73°38.8'	45°16.6'	N 11°38.3'	343°17.6'	5.5'	N 20°07.6'	2.2'	59.5'
16	88°41.3'	60°16.8'	N 11°39.1'	357°42.1'	5.5'	N 20°09.8'	2.1'	59.5'
17	103°43.8'	75°16.9'	N 11°40.0'	12°06.5'	5.5'	N 20°11.9'	1.9'	59.5'
18	118°46.2'	90°17.0'	N 11°40.9'	26°31.0'	5.5'	N 20°13.8'	1.8'	59.5'
19	133°48.7'	105°17.2'	N 11°41.7'	40°55.5'	5.4'	N 20°15.6'	1.7'	59.5'
20	148°51.2'	120°17.3'	N 11°42.6'	55°19.9'	5.4'	N 20°17.3'	1.5'	59.5'
21	163°53.6'	135°17.4'	N 11°43.4'	69°44.4'	5.4'	N 20°18.8'	1.4'	59.5'
22	178°56.1'	150°17.5'	N 11°44.3'	84°08.8'	5.4'	N 20°20.2'	1.3'	59.5'
23	193°58.5'	165°17.7'	N 11°45.1'	98°33.2'	5.4'	N 20°21.5'	1.1'	59.5'

Sat Apr 21, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	209°01.0'	180°17.8'	N 11°46.0'	112°57.6'	5.4'	N 20°22.6'	1.0'	59.5'
1	224°03.5'	195°17.9'	N 11°46.8'	127°22.1'	5.4'	N 20°23.6'	0.8'	59.5'
2	239°05.9'	210°18.0'	N 11°47.7'	141°46.5'	5.4'	N 20°24.4'	0.7'	59.5'
3	254°08.4'	225°18.2'	N 11°48.5'	156°10.9'	5.4'	N 20°25.1'	0.6'	59.4'
4	269°10.9'	240°18.3'	N 11°49.4'	170°35.3'	5.4'	N 20°25.7'	0.4'	59.4'
5	284°13.3'	255°18.4'	N 11°50.2'	184°59.7'	5.4'	N 20°26.1'	0.3'	59.4'
6	299°15.8'	270°18.6'	N 11°51.1'	199°24.1'	5.4'	N 20°26.4'	0.2'	59.4'
7	314°18.3'	285°18.7'	N 11°51.9'	213°48.5'	5.4'	N 20°26.6'	0.0'	59.4'
8	329°20.7'	300°18.8'	N 11°52.8'	228°12.9'	5.4'	N 20°26.6'	0.1'	59.4'
9	344°23.2'	315°18.9'	N 11°53.6'	242°37.4'	5.4'	N 20°26.5'	0.3'	59.4'
10	359°25.7'	330°19.1'	N 11°54.5'	257°01.8'	5.4'	N 20°26.2'	0.4'	59.4'
11	14°28.1'	345°19.2'	N 11°55.3'	271°26.3'	5.5'	N 20°25.9'	0.5'	59.4'
12	29°30.6'	0°19.3'	N 11°56.2'	285°50.7'	5.5'	N 20°25.3'	0.7'	59.4'
13	44°33.0'	15°19.4'	N 11°57.0'	300°15.2'	5.5'	N 20°24.7'	0.8'	59.4'
14	59°35.5'	30°19.6'	N 11°57.9'	314°39.7'	5.5'	N 20°23.9'	0.9'	59.4'
15	74°38.0'	45°19.7'	N 11°58.7'	329°04.2'	5.5'	N 20°22.9'	1.1'	59.4'
16	89°40.4'	60°19.8'	N 11°59.5'	343°28.7'	5.5'	N 20°21.8'	1.2'	59.4'
17	104°42.9'	75°19.9'	N 12°00.4'	357°53.2'	5.5'	N 20°20.6'	1.3'	59.4'
18	119°45.4'	90°20.1'	N 12°01.2'	12°17.7'	5.6'	N 20°19.3'	1.5'	59.4'
19	134°47.8'	105°20.2'	N 12°02.1'	26°42.3'	5.6'	N 20°17.8'	1.6'	59.4'
20	149°50.3'	120°20.3'	N 12°02.9'	41°06.9'	5.6'	N 20°16.2'	1.8'	59.4'
21	164°52.8'	135°20.4'	N 12°03.8'	55°31.5'	5.6'	N 20°14.4'	1.9'	59.4'
22	179°55.2'	150°20.6'	N 12°04.6'	69°56.1'	5.7'	N 20°12.5'	2.0'	59.4'
23	194°57.7'	165°20.7'	N 12°05.5'	84°20.8'	5.7'	N 20°10.5'	2.2'	59.4'

Sun Apr 22, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 16.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	210°00.2'	180°20.8'	N 12°06.3'	98°45.5'	5.7'	N 20°08.3'	2.3'	59.4'
1	225°02.6'	195°20.9'	N 12°07.1'	113°10.2'	5.7'	N 20°06.1'	2.4'	59.4'
2	240°05.1'	210°21.0'	N 12°08.0'	127°34.9'	5.8'	N 20°03.6'	2.6'	59.3'
3	255°07.5'	225°21.2'	N 12°08.8'	141°59.7'	5.8'	N 20°01.1'	2.7'	59.3'
4	270°10.0'	240°21.3'	N 12°09.7'	156°24.5'	5.8'	N 19°58.4'	2.8'	59.3'
5	285°12.5'	255°21.4'	N 12°10.5'	170°49.3'	5.9'	N 19°55.6'	3.0'	59.3'
6	300°14.9'	270°21.5'	N 12°11.4'	185°14.2'	5.9'	N 19°52.6'	3.1'	59.3'
7	315°17.4'	285°21.7'	N 12°12.2'	199°39.0'	5.9'	N 19°49.5'	3.2'	59.3'
8	330°19.9'	300°21.8'	N 12°13.0'	214°04.0'	6.0'	N 19°46.3'	3.3'	59.3'
9	345°22.3'	315°21.9'	N 12°13.9'	228°28.9'	6.0'	N 19°43.0'	3.5'	59.3'
10	0°24.8'	330°22.0'	N 12°14.7'	242°53.9'	6.0'	N 19°39.5'	3.6'	59.3'
11	15°27.3'	345°22.1'	N 12°15.6'	257°19.0'	6.1'	N 19°35.9'	3.7'	59.3'
12	30°29.7'	0°22.3'	N 12°16.4'	271°44.0'	6.1'	N 19°32.2'	3.9'	59.3'
13	45°32.2'	15°22.4'	N 12°17.2'	286°09.1'	6.2'	N 19°28.3'	4.0'	59.3'
14	60°34.6'	30°22.5'	N 12°18.1'	300°34.3'	6.2'	N 19°24.3'	4.1'	59.3'
15	75°37.1'	45°22.6'	N 12°18.9'	314°59.5'	6.2'	N 19°20.2'	4.2'	59.2'
16	90°39.6'	60°22.7'	N 12°19.7'	329°24.7'	6.3'	N 19°16.0'	4.4'	59.2'
17	105°42.0'	75°22.9'	N 12°20.6'	343°50.0'	6.3'	N 19°11.6'	4.5'	59.2'
18	120°44.5'	90°23.0'	N 12°21.4'	358°15.3'	6.4'	N 19°07.2'	4.6'	59.2'
19	135°47.0'	105°23.1'	N 12°22.3'	12°40.7'	6.4'	N 19°02.6'	4.7'	59.2'
20	150°49.4'	120°23.2'	N 12°23.1'	27°06.1'	6.5'	N 18°57.8'	4.8'	59.2'
21	165°51.9'	135°23.3'	N 12°23.9'	41°31.6'	6.5'	N 18°53.0'	5.0'	59.2'
22	180°54.4'	150°23.5'	N 12°24.8'	55°57.1'	6.6'	N 18°48.0'	5.1'	59.2'
23	195°56.8'	165°23.6'	N 12°25.6'	70°22.6'	6.6'	N 18°42.9'	5.2'	59.2'

Mon Apr 23, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	210°59.3'	180°23.7'	N 12°26.4'	84°48.3'	6.7'	N 18°37.7'	5.3'	59.2'
1	226°01.8'	195°23.8'	N 12°27.3'	99°13.9'	6.7'	N 18°32.4'	5.4'	59.2'
2	241°04.2'	210°23.9'	N 12°28.1'	113°39.6'	6.8'	N 18°27.0'	5.6'	59.1'
3	256°06.7'	225°24.1'	N 12°28.9'	128°05.4'	6.8'	N 18°21.4'	5.7'	59.1'
4	271°09.1'	240°24.2'	N 12°29.8'	142°31.2'	6.9'	N 18°15.8'	5.8'	59.1'
5	286°11.6'	255°24.3'	N 12°30.6'	156°57.0'	6.9'	N 18°10.0'	5.9'	59.1'
6	301°14.1'	270°24.4'	N 12°31.4'	171°22.9'	7.0'	N 18°04.1'	6.0'	59.1'
7	316°16.5'	285°24.5'	N 12°32.3'	185°48.9'	7.0'	N 17°58.1'	6.1'	59.1'
8	331°19.0'	300°24.6'	N 12°33.1'	200°14.9'	7.1'	N 17°52.0'	6.2'	59.1'
9	346°21.5'	315°24.8'	N 12°33.9'	214°41.0'	7.1'	N 17°45.7'	6.3'	59.1'
10	1°23.9'	330°24.9'	N 12°34.8'	229°07.1'	7.2'	N 17°39.4'	6.4'	59.1'
11	16°26.4'	345°25.0'	N 12°35.6'	243°33.3'	7.2'	N 17°32.9'	6.6'	59.1'
12	31°28.9'	0°25.1'	N 12°36.4'	257°59.6'	7.3'	N 17°26.4'	6.7'	59.0'
13	46°31.3'	15°25.2'	N 12°37.3'	272°25.8'	7.4'	N 17°19.7'	6.8'	59.0'
14	61°33.8'	30°25.3'	N 12°38.1'	286°52.2'	7.4'	N 17°12.9'	6.9'	59.0'
15	76°36.3'	45°25.5'	N 12°38.9'	301°18.6'	7.5'	N 17°06.1'	7.0'	59.0'
16	91°38.7'	60°25.6'	N 12°39.7'	315°45.1'	7.5'	N 16°59.1'	7.1'	59.0'
17	106°41.2'	75°25.7'	N 12°40.6'	330°11.6'	7.6'	N 16°52.0'	7.2'	59.0'
18	121°43.6'	90°25.8'	N 12°41.4'	344°38.2'	7.6'	N 16°44.8'	7.3'	59.0'
19	136°46.1'	105°25.9'	N 12°42.2'	359°04.8'	7.7'	N 16°37.5'	7.4'	59.0'
20	151°48.6'	120°26.0'	N 12°43.1'	13°31.5'	7.8'	N 16°30.2'	7.5'	59.0'
21	166°51.0'	135°26.2'	N 12°43.9'	27°58.3'	7.8'	N 16°22.7'	7.6'	58.9'
22	181°53.5'	150°26.3'	N 12°44.7'	42°25.1'	7.9'	N 16°15.1'	7.7'	58.9'
23	196°56.0'	165°26.4'	N 12°45.5'	56°52.0'	7.9'	N 16°07.4'	7.8'	58.9'

Tue Apr 24, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 16.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	211°58.4'	180°26.5'	N 12°46.4'	71°18.9'	8.0'	N 15°59.6'	7.9'	58.9'
1	227°00.9'	195°26.6'	N 12°47.2'	85°45.9'	8.1'	N 15°51.8'	8.0'	58.9'
2	242°03.4'	210°26.7'	N 12°48.0'	100°12.9'	8.1'	N 15°43.8'	8.1'	58.9'
3	257°05.8'	225°26.8'	N 12°48.8'	114°40.1'	8.2'	N 15°35.8'	8.1'	58.9'
4	272°08.3'	240°27.0'	N 12°49.7'	129°07.2'	8.2'	N 15°27.6'	8.2'	58.9'
5	287°10.7'	255°27.1'	N 12°50.5'	143°34.5'	8.3'	N 15°19.4'	8.3'	58.8'
6	302°13.2'	270°27.2'	N 12°51.3'	158°01.7'	8.4'	N 15°11.1'	8.4'	58.8'
7	317°15.7'	285°27.3'	N 12°52.1'	172°29.1'	8.4'	N 15°02.7'	8.5'	58.8'
8	332°18.1'	300°27.4'	N 12°53.0'	186°56.5'	8.5'	N 14°54.2'	8.6'	58.8'
9	347°20.6'	315°27.5'	N 12°53.8'	201°24.0'	8.5'	N 14°45.6'	8.7'	58.8'
10	2°23.1'	330°27.6'	N 12°54.6'	215°51.5'	8.6'	N 14°36.9'	8.7'	58.8'
11	17°25.5'	345°27.7'	N 12°55.4'	230°19.1'	8.7'	N 14°28.2'	8.8'	58.8'
12	32°28.0'	0°27.9'	N 12°56.2'	244°46.8'	8.7'	N 14°19.3'	8.9'	58.8'
13	47°30.5'	15°28.0'	N 12°57.1'	259°14.5'	8.8'	N 14°10.4'	9.0'	58.7'
14	62°32.9'	30°28.1'	N 12°57.9'	273°42.2'	8.8'	N 14°01.4'	9.1'	58.7'
15	77°35.4'	45°28.2'	N 12°58.7'	288°10.1'	8.9'	N 13°52.4'	9.1'	58.7'
16	92°37.9'	60°28.3'	N 12°59.5'	302°38.0'	8.9'	N 13°43.2'	9.2'	58.7'
17	107°40.3'	75°28.4'	N 13°00.4'	317°05.9'	9.0'	N 13°34.0'	9.3'	58.7'
18	122°42.8'	90°28.5'	N 13°01.2'	331°33.9'	9.1'	N 13°24.7'	9.4'	58.7'
19	137°45.2'	105°28.6'	N 13°02.0'	346°02.0'	9.1'	N 13°15.3'	9.4'	58.7'
20	152°47.7'	120°28.7'	N 13°02.8'	0°30.1'	9.2'	N 13°05.9'	9.5'	58.6'
21	167°50.2'	135°28.9'	N 13°03.6'	14°58.3'	9.2'	N 12°56.4'	9.6'	58.6'
22	182°52.6'	150°29.0'	N 13°04.4'	29°26.5'	9.3'	N 12°46.8'	9.7'	58.6'
23	197°55.1'	165°29.1'	N 13°05.3'	43°54.8'	9.4'	N 12°37.1'	9.7'	58.6'

Wed Apr 25, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 15.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	212°57.6'	180°29.2'	N 13°06.1'	58°23.2'	9.4'	N 12°27.4'	9.8'	58.6'
1	228°00.0'	195°29.3'	N 13°06.9'	72°51.6'	9.5'	N 12°17.6'	9.9'	58.6'
2	243°02.5'	210°29.4'	N 13°07.7'	87°20.1'	9.5'	N 12°07.7'	9.9'	58.6'
3	258°05.0'	225°29.5'	N 13°08.5'	101°48.6'	9.6'	N 11°57.8'	10.0'	58.5'
4	273°07.4'	240°29.6'	N 13°09.3'	116°17.2'	9.6'	N 11°47.8'	10.1'	58.5'
5	288°09.9'	255°29.7'	N 13°10.2'	130°45.8'	9.7'	N 11°37.8'	10.1'	58.5'
6	303°12.4'	270°29.8'	N 13°11.0'	145°14.5'	9.8'	N 11°27.7'	10.2'	58.5'
7	318°14.8'	285°29.9'	N 13°11.8'	159°43.3'	9.8'	N 11°17.5'	10.2'	58.5'
8	333°17.3'	300°30.0'	N 13°12.6'	174°12.1'	9.9'	N 11°07.3'	10.3'	58.5'
9	348°19.7'	315°30.2'	N 13°13.4'	188°41.0'	9.9'	N 10°57.0'	10.3'	58.5'
10	3°22.2'	330°30.3'	N 13°14.2'	203°09.9'	10.0'	N 10°46.6'	10.4'	58.4'
11	18°24.7'	345°30.4'	N 13°15.0'	217°38.8'	10.0'	N 10°36.2'	10.5'	58.4'
12	33°27.1'	0°30.5'	N 13°15.9'	232°07.9'	10.1'	N 10°25.8'	10.5'	58.4'
13	48°29.6'	15°30.6'	N 13°16.7'	246°36.9'	10.1'	N 10°15.3'	10.6'	58.4'
14	63°32.1'	30°30.7'	N 13°17.5'	261°06.1'	10.2'	N 10°04.7'	10.6'	58.4'
15	78°34.5'	45°30.8'	N 13°18.3'	275°35.2'	10.2'	N 9°54.1'	10.7'	58.4'
16	93°37.0'	60°30.9'	N 13°19.1'	290°04.5'	10.3'	N 9°43.4'	10.7'	58.4'
17	108°39.5'	75°31.0'	N 13°19.9'	304°33.8'	10.3'	N 9°32.7'	10.8'	58.3'
18	123°41.9'	90°31.1'	N 13°20.7'	319°03.1'	10.4'	N 9°22.0'	10.8'	58.3'
19	138°44.4'	105°31.2'	N 13°21.5'	333°32.5'	10.4'	N 9°11.1'	10.8'	58.3'
20	153°46.8'	120°31.3'	N 13°22.3'	348°01.9'	10.5'	N 9°00.3'	10.9'	58.3'
21	168°49.3'	135°31.4'	N 13°23.2'	2°31.4'	10.5'	N 8°49.4'	10.9'	58.3'
22	183°51.8'	150°31.5'	N 13°24.0'	17°00.9'	10.6'	N 8°38.5'	11.0'	58.3'
23	198°54.2'	165°31.6'	N 13°24.8'	31°30.5'	10.6'	N 8°27.5'	11.0'	58.2'

Thu Apr 26, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 15.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	213°56.7'	180°31.7'	N 13°25.6'	46°00.1'	10.7'	N 8°16.5'	11.1'	58.2'
1	228°59.2'	195°31.9'	N 13°26.4'	60°29.8'	10.7'	N 8°05.4'	11.1'	58.2'
2	244°01.6'	210°32.0'	N 13°27.2'	74°59.5'	10.8'	N 7°54.3'	11.1'	58.2'
3	259°04.1'	225°32.1'	N 13°28.0'	89°29.3'	10.8'	N 7°43.2'	11.2'	58.2'
4	274°06.6'	240°32.2'	N 13°28.8'	103°59.1'	10.9'	N 7°32.0'	11.2'	58.2'
5	289°09.0'	255°32.3'	N 13°29.6'	118°29.0'	10.9'	N 7°20.8'	11.2'	58.1'
6	304°11.5'	270°32.4'	N 13°30.4'	132°58.8'	10.9'	N 7°09.6'	11.3'	58.1'
7	319°14.0'	285°32.5'	N 13°31.2'	147°28.8'	11.0'	N 6°58.3'	11.3'	58.1'
8	334°16.4'	300°32.6'	N 13°32.0'	161°58.8'	11.0'	N 6°47.0'	11.3'	58.1'
9	349°18.9'	315°32.7'	N 13°32.8'	176°28.8'	11.1'	N 6°35.7'	11.4'	58.1'
10	4°21.3'	330°32.8'	N 13°33.6'	190°58.9'	11.1'	N 6°24.3'	11.4'	58.1'
11	19°23.8'	345°32.9'	N 13°34.4'	205°29.0'	11.2'	N 6°12.9'	11.4'	58.0'
12	34°26.3'	0°33.0'	N 13°35.2'	219°59.1'	11.2'	N 6°01.5'	11.4'	58.0'
13	49°28.7'	15°33.1'	N 13°36.0'	234°29.3'	11.2'	N 5°50.0'	11.5'	58.0'
14	64°31.2'	30°33.2'	N 13°36.8'	248°59.6'	11.3'	N 5°38.6'	11.5'	58.0'
15	79°33.7'	45°33.3'	N 13°37.7'	263°29.8'	11.3'	N 5°27.1'	11.5'	58.0'
16	94°36.1'	60°33.4'	N 13°38.5'	278°00.1'	11.3'	N 5°15.6'	11.5'	57.9'
17	109°38.6'	75°33.5'	N 13°39.3'	292°30.5'	11.4'	N 5°04.0'	11.6'	57.9'
18	124°41.1'	90°33.6'	N 13°40.1'	307°00.8'	11.4'	N 4°52.5'	11.6'	57.9'
19	139°43.5'	105°33.7'	N 13°40.9'	321°31.3'	11.5'	N 4°40.9'	11.6'	57.9'
20	154°46.0'	120°33.8'	N 13°41.7'	336°01.7'	11.5'	N 4°29.3'	11.6'	57.9'
21	169°48.4'	135°33.9'	N 13°42.5'	350°32.2'	11.5'	N 4°17.7'	11.6'	57.9'
22	184°50.9'	150°34.0'	N 13°43.3'	5°02.7'	11.6'	N 4°06.1'	11.6'	57.8'
23	199°53.4'	165°34.1'	N 13°44.1'	19°33.3'	11.6'	N 3°54.4'	11.7'	57.8'

Fri Apr 27, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 15.7'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	214°55.8'	180°34.2'	N 13°44.9'	34°03.9'	11.6'	N 3°42.8'	11.7'	57.8'
1	229°58.3'	195°34.3'	N 13°45.7'	48°34.5'	11.7'	N 3°31.1'	11.7'	57.8'
2	245°00.8'	210°34.4'	N 13°46.4'	63°05.1'	11.7'	N 3°19.4'	11.7'	57.8'
3	260°03.2'	225°34.5'	N 13°47.2'	77°35.8'	11.7'	N 3°07.7'	11.7'	57.7'
4	275°05.7'	240°34.6'	N 13°48.0'	92°06.5'	11.7'	N 2°56.0'	11.7'	57.7'
5	290°08.2'	255°34.7'	N 13°48.8'	106°37.3'	11.8'	N 2°44.3'	11.7'	57.7'
6	305°10.6'	270°34.8'	N 13°49.6'	121°08.0'	11.8'	N 2°32.6'	11.7'	57.7'
7	320°13.1'	285°34.9'	N 13°50.4'	135°38.8'	11.8'	N 2°20.9'	11.7'	57.7'
8	335°15.6'	300°35.0'	N 13°51.2'	150°09.7'	11.9'	N 2°09.1'	11.7'	57.6'
9	350°18.0'	315°35.1'	N 13°52.0'	164°40.5'	11.9'	N 1°57.4'	11.7'	57.6'
10	5°20.5'	330°35.2'	N 13°52.8'	179°11.4'	11.9'	N 1°45.7'	11.7'	57.6'
11	20°22.9'	345°35.3'	N 13°53.6'	193°42.3'	11.9'	N 1°33.9'	11.7'	57.6'
12	35°25.4'	0°35.4'	N 13°54.4'	208°13.2'	12.0'	N 1°22.2'	11.7'	57.6'
13	50°27.9'	15°35.5'	N 13°55.2'	222°44.2'	12.0'	N 1°10.4'	11.7'	57.6'
14	65°30.3'	30°35.6'	N 13°56.0'	237°15.2'	12.0'	N 0°58.7'	11.7'	57.5'
15	80°32.8'	45°35.7'	N 13°56.8'	251°46.2'	12.0'	N 0°47.0'	11.7'	57.5'
16	95°35.3'	60°35.8'	N 13°57.6'	266°17.2'	12.0'	N 0°35.2'	11.7'	57.5'
17	110°37.7'	75°35.9'	N 13°58.4'	280°48.2'	12.1'	N 0°23.5'	11.7'	57.5'
18	125°40.2'	90°36.0'	N 13°59.2'	295°19.3'	12.1'	N 0°11.8'	11.7'	57.5'
19	140°42.7'	105°36.0'	N 13°60.0'	309°50.4'	12.1'	N 0°00.1'	11.7'	57.4'
20	155°45.1'	120°36.1'	N 14°00.7'	324°21.5'	12.1'	S 0°11.7'	11.7'	57.4'
21	170°47.6'	135°36.2'	N 14°01.5'	338°52.6'	12.1'	S 0°23.4'	11.7'	57.4'
22	185°50.1'	150°36.3'	N 14°02.3'	353°23.8'	12.2'	S 0°35.1'	11.7'	57.4'
23	200°52.5'	165°36.4'	N 14°03.1'	7°54.9'	12.2'	S 0°46.7'	11.7'	57.4'

Sat Apr 28, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 15.6'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	215°55.0'	180°36.5'	N 14°03.9'	22°26.1'	12.2'	S 0°58.4'	11.7'	57.3'
1	230°57.4'	195°36.6'	N 14°04.7'	36°57.3'	12.2'	S 1°10.1'	11.6'	57.3'
2	245°59.9'	210°36.7'	N 14°05.5'	51°28.5'	12.2'	S 1°21.7'	11.6'	57.3'
3	261°02.4'	225°36.8'	N 14°06.3'	65°59.8'	12.2'	S 1°33.4'	11.6'	57.3'
4	276°04.8'	240°36.9'	N 14°07.1'	80°31.0'	12.3'	S 1°45.0'	11.6'	57.2'
5	291°07.3'	255°37.0'	N 14°07.8'	95°02.3'	12.3'	S 1°56.6'	11.6'	57.2'
6	306°09.8'	270°37.1'	N 14°08.6'	109°33.5'	12.3'	S 2°08.2'	11.6'	57.2'
7	321°12.2'	285°37.2'	N 14°09.4'	124°04.8'	12.3'	S 2°19.7'	11.6'	57.2'
8	336°14.7'	300°37.3'	N 14°10.2'	138°36.1'	12.3'	S 2°31.3'	11.5'	57.2'
9	351°17.2'	315°37.4'	N 14°11.0'	153°07.4'	12.3'	S 2°42.8'	11.5'	57.1'
10	6°19.6'	330°37.5'	N 14°11.8'	167°38.8'	12.3'	S 2°54.3'	11.5'	57.1'
11	21°22.1'	345°37.5'	N 14°12.6'	182°10.1'	12.3'	S 3°05.8'	11.5'	57.1'
12	36°24.5'	0°37.6'	N 14°13.3'	196°41.4'	12.4'	S 3°17.3'	11.4'	57.1'
13	51°27.0'	15°37.7'	N 14°14.1'	211°12.8'	12.4'	S 3°28.7'	11.4'	57.1'
14	66°29.5'	30°37.8'	N 14°14.9'	225°44.2'	12.4'	S 3°40.1'	11.4'	57.0'
15	81°31.9'	45°37.9'	N 14°15.7'	240°15.5'	12.4'	S 3°51.5'	11.4'	57.0'
16	96°34.4'	60°38.0'	N 14°16.5'	254°46.9'	12.4'	S 4°02.9'	11.3'	57.0'
17	111°36.9'	75°38.1'	N 14°17.3'	269°18.3'	12.4'	S 4°14.2'	11.3'	57.0'
18	126°39.3'	90°38.2'	N 14°18.0'	283°49.7'	12.4'	S 4°25.5'	11.3'	57.0'
19	141°41.8'	105°38.3'	N 14°18.8'	298°21.1'	12.4'	S 4°36.8'	11.3'	56.9'
20	156°44.3'	120°38.4'	N 14°19.6'	312°52.5'	12.4'	S 4°48.1'	11.2'	56.9'
21	171°46.7'	135°38.5'	N 14°20.4'	327°23.9'	12.4'	S 4°59.3'	11.2'	56.9'
22	186°49.2'	150°38.5'	N 14°21.2'	341°55.3'	12.4'	S 5°10.5'	11.2'	56.9'
23	201°51.7'	165°38.6'	N 14°21.9'	356°26.7'	12.4'	S 5°21.6'	11.1'	56.8'

Sun Apr 29, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 15.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	216°54.1'	180°38.7'	N 14°22.7'	10°58.2'	12.4'	S 5°32.8'	11.1'	56.8'
1	231°56.6'	195°38.8'	N 14°23.5'	25°29.6'	12.4'	S 5°43.8'	11.1'	56.8'
2	246°59.0'	210°38.9'	N 14°24.3'	40°01.0'	12.4'	S 5°54.9'	11.0'	56.8'
3	262°01.5'	225°39.0'	N 14°25.0'	54°32.5'	12.4'	S 6°05.9'	11.0'	56.8'
4	277°04.0'	240°39.1'	N 14°25.8'	69°03.9'	12.4'	S 6°16.9'	10.9'	56.7'
5	292°06.4'	255°39.2'	N 14°26.6'	83°35.3'	12.4'	S 6°27.8'	10.9'	56.7'
6	307°08.9'	270°39.2'	N 14°27.4'	98°06.8'	12.4'	S 6°38.7'	10.9'	56.7'
7	322°11.4'	285°39.3'	N 14°28.2'	112°38.2'	12.4'	S 6°49.6'	10.8'	56.7'
8	337°13.8'	300°39.4'	N 14°28.9'	127°09.6'	12.4'	S 7°00.4'	10.8'	56.7'
9	352°16.3'	315°39.5'	N 14°29.7'	141°41.1'	12.4'	S 7°11.2'	10.7'	56.6'
10	7°18.8'	330°39.6'	N 14°30.5'	156°12.5'	12.4'	S 7°21.9'	10.7'	56.6'
11	22°21.2'	345°39.7'	N 14°31.3'	170°43.9'	12.4'	S 7°32.6'	10.6'	56.6'
12	37°23.7'	0°39.8'	N 14°32.0'	185°15.4'	12.4'	S 7°43.3'	10.6'	56.6'
13	52°26.1'	15°39.9'	N 14°32.8'	199°46.8'	12.4'	S 7°53.9'	10.6'	56.5'
14	67°28.6'	30°39.9'	N 14°33.6'	214°18.2'	12.4'	S 8°04.4'	10.5'	56.5'
15	82°31.1'	45°40.0'	N 14°34.4'	228°49.6'	12.4'	S 8°14.9'	10.5'	56.5'
16	97°33.5'	60°40.1'	N 14°35.1'	243°21.1'	12.4'	S 8°25.4'	10.4'	56.5'
17	112°36.0'	75°40.2'	N 14°35.9'	257°52.5'	12.4'	S 8°35.8'	10.4'	56.5'
18	127°38.5'	90°40.3'	N 14°36.7'	272°23.9'	12.4'	S 8°46.2'	10.3'	56.4'
19	142°40.9'	105°40.4'	N 14°37.4'	286°55.3'	12.4'	S 8°56.5'	10.3'	56.4'
20	157°43.4'	120°40.5'	N 14°38.2'	301°26.7'	12.4'	S 9°06.8'	10.2'	56.4'
21	172°45.9'	135°40.5'	N 14°39.0'	315°58.1'	12.4'	S 9°17.0'	10.2'	56.4'
22	187°48.3'	150°40.6'	N 14°39.8'	330°29.5'	12.4'	S 9°27.1'	10.1'	56.3'
23	202°50.8'	165°40.7'	N 14°40.5'	345°00.9'	12.4'	S 9°37.2'	10.1'	56.3'

Mon Apr 30, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 15.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	217°53.3'	180°40.8'	N 14°41.3'	359°32.3'	12.4'	S 9°47.3'	10.0'	56.3'
1	232°55.7'	195°40.9'	N 14°42.1'	14°03.6'	12.4'	S 9°57.3'	9.9'	56.3'
2	247°58.2'	210°41.0'	N 14°42.8'	28°35.0'	12.4'	S 10°07.2'	9.9'	56.3'
3	263°00.6'	225°41.0'	N 14°43.6'	43°06.3'	12.3'	S 10°17.1'	9.8'	56.2'
4	278°03.1'	240°41.1'	N 14°44.4'	57°37.7'	12.3'	S 10°27.0'	9.8'	56.2'
5	293°05.6'	255°41.2'	N 14°45.1'	72°09.0'	12.3'	S 10°36.7'	9.7'	56.2'
6	308°08.0'	270°41.3'	N 14°45.9'	86°40.4'	12.3'	S 10°46.5'	9.7'	56.2'
7	323°10.5'	285°41.4'	N 14°46.7'	101°11.7'	12.3'	S 10°56.1'	9.6'	56.1'
8	338°13.0'	300°41.5'	N 14°47.4'	115°43.0'	12.3'	S 11°05.7'	9.5'	56.1'
9	353°15.4'	315°41.5'	N 14°48.2'	130°14.3'	12.3'	S 11°15.3'	9.5'	56.1'
10	8°17.9'	330°41.6'	N 14°49.0'	144°45.6'	12.3'	S 11°24.7'	9.4'	56.1'
11	23°20.4'	345°41.7'	N 14°49.7'	159°16.9'	12.3'	S 11°34.1'	9.4'	56.1'
12	38°22.8'	0°41.8'	N 14°50.5'	173°48.2'	12.3'	S 11°43.5'	9.3'	56.0'
13	53°25.3'	15°41.9'	N 14°51.3'	188°19.4'	12.3'	S 11°52.8'	9.2'	56.0'
14	68°27.8'	30°41.9'	N 14°52.0'	202°50.7'	12.2'	S 12°02.0'	9.2'	56.0'
15	83°30.2'	45°42.0'	N 14°52.8'	217°21.9'	12.2'	S 12°11.2'	9.1'	56.0'
16	98°32.7'	60°42.1'	N 14°53.5'	231°53.2'	12.2'	S 12°20.3'	9.0'	55.9'
17	113°35.1'	75°42.2'	N 14°54.3'	246°24.4'	12.2'	S 12°29.3'	9.0'	55.9'
18	128°37.6'	90°42.3'	N 14°55.1'	260°55.6'	12.2'	S 12°38.3'	8.9'	55.9'
19	143°40.1'	105°42.3'	N 14°55.8'	275°26.8'	12.2'	S 12°47.1'	8.8'	55.9'
20	158°42.5'	120°42.4'	N 14°56.6'	289°58.0'	12.2'	S 12°56.0'	8.8'	55.9'
21	173°45.0'	135°42.5'	N 14°57.3'	304°29.2'	12.2'	S 13°04.7'	8.7'	55.8'
22	188°47.5'	150°42.6'	N 14°58.1'	319°00.3'	12.2'	S 13°13.4'	8.6'	55.8'
23	203°49.9'	165°42.7'	N 14°58.9'	333°31.5'	12.1'	S 13°22.0'	8.5'	55.8'