

Tue May 1, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.8' SD = 15.9'		SD = 15.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	218°52.4'	180°42.7'	N 14°59.6'	348°02.6'	12.1'	S 13°30.6'	8.5'	55.8'
1	233°54.9'	195°42.8'	N 15°00.4'	2°33.8'	12.1'	S 13°39.1'	8.4'	55.8'
2	248°57.3'	210°42.9'	N 15°01.1'	17°04.9'	12.1'	S 13°47.5'	8.3'	55.7'
3	263°59.8'	225°43.0'	N 15°01.9'	31°36.0'	12.1'	S 13°55.8'	8.3'	55.7'
4	279°02.2'	240°43.0'	N 15°02.7'	46°07.1'	12.1'	S 14°04.1'	8.2'	55.7'
5	294°04.7'	255°43.1'	N 15°03.4'	60°38.2'	12.1'	S 14°12.2'	8.1'	55.7'
6	309°07.2'	270°43.2'	N 15°04.2'	75°09.2'	12.1'	S 14°20.4'	8.0'	55.6'
7	324°09.6'	285°43.3'	N 15°04.9'	89°40.3'	12.0'	S 14°28.4'	8.0'	55.6'
8	339°12.1'	300°43.3'	N 15°05.7'	104°11.4'	12.0'	S 14°36.4'	7.9'	55.6'
9	354°14.6'	315°43.4'	N 15°06.4'	118°42.4'	12.0'	S 14°44.2'	7.8'	55.6'
10	9°17.0'	330°43.5'	N 15°07.2'	133°13.4'	12.0'	S 14°52.0'	7.7'	55.6'
11	24°19.5'	345°43.6'	N 15°07.9'	147°44.4'	12.0'	S 14°59.8'	7.7'	55.5'
12	39°22.0'	0°43.6'	N 15°08.7'	162°15.4'	12.0'	S 15°07.4'	7.6'	55.5'
13	54°24.4'	15°43.7'	N 15°09.5'	176°46.4'	12.0'	S 15°15.0'	7.5'	55.5'
14	69°26.9'	30°43.8'	N 15°10.2'	191°17.4'	12.0'	S 15°22.5'	7.4'	55.5'
15	84°29.4'	45°43.9'	N 15°11.0'	205°48.3'	11.9'	S 15°29.9'	7.3'	55.5'
16	99°31.8'	60°43.9'	N 15°11.7'	220°19.3'	11.9'	S 15°37.3'	7.3'	55.4'
17	114°34.3'	75°44.0'	N 15°12.5'	234°50.2'	11.9'	S 15°44.5'	7.2'	55.4'
18	129°36.7'	90°44.1'	N 15°13.2'	249°21.1'	11.9'	S 15°51.7'	7.1'	55.4'
19	144°39.2'	105°44.2'	N 15°14.0'	263°52.0'	11.9'	S 15°58.8'	7.0'	55.4'
20	159°41.7'	120°44.2'	N 15°14.7'	278°22.9'	11.9'	S 16°05.8'	6.9'	55.4'
21	174°44.1'	135°44.3'	N 15°15.5'	292°53.8'	11.9'	S 16°12.7'	6.8'	55.3'
22	189°46.6'	150°44.4'	N 15°16.2'	307°24.7'	11.9'	S 16°19.6'	6.8'	55.3'
23	204°49.1'	165°44.5'	N 15°17.0'	321°55.5'	11.8'	S 16°26.3'	6.7'	55.3'

Wed May 2, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.9'		SD = 15.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	219°51.5'	180°44.5'	N 15°17.7'	336°26.4'	11.8'	S 16°33.0'	6.6'	55.3'
1	234°54.0'	195°44.6'	N 15°18.5'	350°57.2'	11.8'	S 16°39.6'	6.5'	55.3'
2	249°56.5'	210°44.7'	N 15°19.2'	5°28.0'	11.8'	S 16°46.1'	6.4'	55.2'
3	264°58.9'	225°44.7'	N 15°20.0'	19°58.8'	11.8'	S 16°52.6'	6.3'	55.2'
4	280°01.4'	240°44.8'	N 15°20.7'	34°29.6'	11.8'	S 16°58.9'	6.3'	55.2'
5	295°03.9'	255°44.9'	N 15°21.4'	49°00.4'	11.8'	S 17°05.2'	6.2'	55.2'
6	310°06.3'	270°45.0'	N 15°22.2'	63°31.2'	11.8'	S 17°11.3'	6.1'	55.2'
7	325°08.8'	285°45.0'	N 15°22.9'	78°02.0'	11.8'	S 17°17.4'	6.0'	55.1'
8	340°11.2'	300°45.1'	N 15°23.7'	92°32.7'	11.7'	S 17°23.4'	5.9'	55.1'
9	355°13.7'	315°45.2'	N 15°24.4'	107°03.5'	11.7'	S 17°29.3'	5.8'	55.1'
10	10°16.2'	330°45.2'	N 15°25.2'	121°34.2'	11.7'	S 17°35.1'	5.7'	55.1'
11	25°18.6'	345°45.3'	N 15°25.9'	136°04.9'	11.7'	S 17°40.9'	5.6'	55.1'
12	40°21.1'	0°45.4'	N 15°26.7'	150°35.6'	11.7'	S 17°46.5'	5.6'	55.1'
13	55°23.6'	15°45.5'	N 15°27.4'	165°06.3'	11.7'	S 17°52.1'	5.5'	55.0'
14	70°26.0'	30°45.5'	N 15°28.1'	179°37.0'	11.7'	S 17°57.5'	5.4'	55.0'
15	85°28.5'	45°45.6'	N 15°28.9'	194°07.7'	11.7'	S 18°02.9'	5.3'	55.0'
16	100°31.0'	60°45.7'	N 15°29.6'	208°38.4'	11.7'	S 18°08.2'	5.2'	55.0'
17	115°33.4'	75°45.7'	N 15°30.4'	223°09.0'	11.7'	S 18°13.4'	5.1'	55.0'
18	130°35.9'	90°45.8'	N 15°31.1'	237°39.7'	11.6'	S 18°18.5'	5.0'	54.9'
19	145°38.3'	105°45.9'	N 15°31.8'	252°10.4'	11.6'	S 18°23.5'	4.9'	54.9'
20	160°40.8'	120°45.9'	N 15°32.6'	266°41.0'	11.6'	S 18°28.4'	4.8'	54.9'
21	175°43.3'	135°46.0'	N 15°33.3'	281°11.6'	11.6'	S 18°33.3'	4.7'	54.9'
22	190°45.7'	150°46.1'	N 15°34.1'	295°42.2'	11.6'	S 18°38.0'	4.6'	54.9'
23	205°48.2'	165°46.1'	N 15°34.8'	310°12.9'	11.6'	S 18°42.6'	4.6'	54.9'

Thu May 3, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.9'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	220°50.7'	180°46.2'	N 15°35.5'	324°43.5'	11.6'	S 18°47.2'	4.5'	54.8'
1	235°53.1'	195°46.3'	N 15°36.3'	339°14.1'	11.6'	S 18°51.7'	4.4'	54.8'
2	250°55.6'	210°46.3'	N 15°37.0'	353°44.7'	11.6'	S 18°56.0'	4.3'	54.8'
3	265°58.1'	225°46.4'	N 15°37.8'	8°15.3'	11.6'	S 19°00.3'	4.2'	54.8'
4	281°00.5'	240°46.5'	N 15°38.5'	22°45.9'	11.6'	S 19°04.5'	4.1'	54.8'
5	296°03.0'	255°46.5'	N 15°39.2'	37°16.4'	11.6'	S 19°08.6'	4.0'	54.8'
6	311°05.5'	270°46.6'	N 15°40.0'	51°47.0'	11.6'	S 19°12.6'	3.9'	54.8'
7	326°07.9'	285°46.7'	N 15°40.7'	66°17.6'	11.6'	S 19°16.5'	3.8'	54.7'
8	341°10.4'	300°46.7'	N 15°41.4'	80°48.1'	11.6'	S 19°20.3'	3.7'	54.7'
9	356°12.8'	315°46.8'	N 15°42.2'	95°18.7'	11.6'	S 19°24.0'	3.6'	54.7'
10	11°15.3'	330°46.9'	N 15°42.9'	109°49.3'	11.6'	S 19°27.6'	3.5'	54.7'
11	26°17.8'	345°46.9'	N 15°43.6'	124°19.8'	11.6'	S 19°31.1'	3.4'	54.7'
12	41°20.2'	0°47.0'	N 15°44.4'	138°50.4'	11.5'	S 19°34.6'	3.3'	54.7'
13	56°22.7'	15°47.0'	N 15°45.1'	153°20.9'	11.5'	S 19°37.9'	3.2'	54.6'
14	71°25.2'	30°47.1'	N 15°45.8'	167°51.5'	11.5'	S 19°41.1'	3.1'	54.6'
15	86°27.6'	45°47.2'	N 15°46.6'	182°22.0'	11.5'	S 19°44.3'	3.0'	54.6'
16	101°30.1'	60°47.2'	N 15°47.3'	196°52.6'	11.5'	S 19°47.3'	2.9'	54.6'
17	116°32.6'	75°47.3'	N 15°48.0'	211°23.1'	11.5'	S 19°50.3'	2.9'	54.6'
18	131°35.0'	90°47.4'	N 15°48.7'	225°53.6'	11.5'	S 19°53.1'	2.8'	54.6'
19	146°37.5'	105°47.4'	N 15°49.5'	240°24.2'	11.5'	S 19°55.9'	2.7'	54.6'
20	161°40.0'	120°47.5'	N 15°50.2'	254°54.7'	11.5'	S 19°58.5'	2.6'	54.6'
21	176°42.4'	135°47.5'	N 15°50.9'	269°25.2'	11.5'	S 20°01.1'	2.5'	54.5'
22	191°44.9'	150°47.6'	N 15°51.7'	283°55.8'	11.5'	S 20°03.6'	2.4'	54.5'
23	206°47.3'	165°47.7'	N 15°52.4'	298°26.3'	11.5'	S 20°05.9'	2.3'	54.5'

Fri May 4, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.9'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	221°49.8'	180°47.7'	N 15°53.1'	312°56.9'	11.5'	S 20°08.2'	2.2'	54.5'
1	236°52.3'	195°47.8'	N 15°53.8'	327°27.4'	11.5'	S 20°10.4'	2.1'	54.5'
2	251°54.7'	210°47.8'	N 15°54.6'	341°58.0'	11.5'	S 20°12.5'	2.0'	54.5'
3	266°57.2'	225°47.9'	N 15°55.3'	356°28.5'	11.6'	S 20°14.4'	1.9'	54.5'
4	281°59.7'	240°48.0'	N 15°56.0'	10°59.1'	11.6'	S 20°16.3'	1.8'	54.5'
5	297°02.1'	255°48.0'	N 15°56.7'	25°29.6'	11.6'	S 20°18.1'	1.7'	54.5'
6	312°04.6'	270°48.1'	N 15°57.5'	40°00.2'	11.6'	S 20°19.8'	1.6'	54.4'
7	327°07.1'	285°48.1'	N 15°58.2'	54°30.7'	11.6'	S 20°21.4'	1.5'	54.4'
8	342°09.5'	300°48.2'	N 15°58.9'	69°01.3'	11.6'	S 20°22.9'	1.4'	54.4'
9	357°12.0'	315°48.3'	N 15°59.6'	83°31.9'	11.6'	S 20°24.3'	1.3'	54.4'
10	12°14.5'	330°48.3'	N 16°00.4'	98°02.4'	11.6'	S 20°25.6'	1.2'	54.4'
11	27°16.9'	345°48.4'	N 16°01.1'	112°33.0'	11.6'	S 20°26.8'	1.1'	54.4'
12	42°19.4'	0°48.4'	N 16°01.8'	127°03.6'	11.6'	S 20°27.9'	1.0'	54.4'
13	57°21.8'	15°48.5'	N 16°02.5'	141°34.2'	11.6'	S 20°29.0'	0.9'	54.4'
14	72°24.3'	30°48.6'	N 16°03.3'	156°04.8'	11.6'	S 20°29.9'	0.8'	54.4'
15	87°26.8'	45°48.6'	N 16°04.0'	170°35.4'	11.6'	S 20°30.7'	0.7'	54.4'
16	102°29.2'	60°48.7'	N 16°04.7'	185°06.0'	11.6'	S 20°31.4'	0.6'	54.3'
17	117°31.7'	75°48.7'	N 16°05.4'	199°36.7'	11.6'	S 20°32.1'	0.5'	54.3'
18	132°34.2'	90°48.8'	N 16°06.1'	214°07.3'	11.6'	S 20°32.6'	0.4'	54.3'
19	147°36.6'	105°48.8'	N 16°06.8'	228°37.9'	11.6'	S 20°33.0'	0.3'	54.3'
20	162°39.1'	120°48.9'	N 16°07.6'	243°08.6'	11.7'	S 20°33.4'	0.2'	54.3'
21	177°41.6'	135°48.9'	N 16°08.3'	257°39.2'	11.7'	S 20°33.6'	0.1'	54.3'
22	192°44.0'	150°49.0'	N 16°09.0'	272°09.9'	11.7'	S 20°33.7'	0.0'	54.3'
23	207°46.5'	165°49.1'	N 16°09.7'	286°40.6'	11.7'	S 20°33.8'	0.0'	54.3'

Sat May 5, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.9'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	222°48.9'	180°49.1'	N 16°10.4'	301°11.3'	11.7'	S 20°33.7'	0.1'	54.3'
1	237°51.4'	195°49.2'	N 16°11.1'	315°42.0'	11.7'	S 20°33.6'	0.2'	54.3'
2	252°53.9'	210°49.2'	N 16°11.9'	330°12.7'	11.7'	S 20°33.4'	0.3'	54.3'
3	267°56.3'	225°49.3'	N 16°12.6'	344°43.4'	11.7'	S 20°33.0'	0.4'	54.3'
4	282°58.8'	240°49.3'	N 16°13.3'	359°14.1'	11.7'	S 20°32.6'	0.5'	54.3'
5	298°01.3'	255°49.4'	N 16°14.0'	13°44.9'	11.8'	S 20°32.1'	0.6'	54.3'
6	313°03.7'	270°49.4'	N 16°14.7'	28°15.6'	11.8'	S 20°31.4'	0.7'	54.3'
7	328°06.2'	285°49.5'	N 16°15.4'	42°46.4'	11.8'	S 20°30.7'	0.8'	54.2'
8	343°08.7'	300°49.5'	N 16°16.1'	57°17.2'	11.8'	S 20°29.9'	0.9'	54.2'
9	358°11.1'	315°49.6'	N 16°16.9'	71°48.0'	11.8'	S 20°29.0'	1.0'	54.2'
10	13°13.6'	330°49.6'	N 16°17.6'	86°18.8'	11.8'	S 20°28.0'	1.1'	54.2'
11	28°16.1'	345°49.7'	N 16°18.3'	100°49.6'	11.8'	S 20°26.9'	1.2'	54.2'
12	43°18.5'	0°49.8'	N 16°19.0'	115°20.5'	11.9'	S 20°25.7'	1.3'	54.2'
13	58°21.0'	15°49.8'	N 16°19.7'	129°51.3'	11.9'	S 20°24.4'	1.4'	54.2'
14	73°23.4'	30°49.9'	N 16°20.4'	144°22.2'	11.9'	S 20°23.0'	1.5'	54.2'
15	88°25.9'	45°49.9'	N 16°21.1'	158°53.1'	11.9'	S 20°21.5'	1.6'	54.2'
16	103°28.4'	60°50.0'	N 16°21.8'	173°24.0'	11.9'	S 20°20.0'	1.7'	54.2'
17	118°30.8'	75°50.0'	N 16°22.5'	187°54.9'	11.9'	S 20°18.3'	1.8'	54.2'
18	133°33.3'	90°50.1'	N 16°23.2'	202°25.9'	12.0'	S 20°16.5'	1.9'	54.2'
19	148°35.8'	105°50.1'	N 16°23.9'	216°56.8'	12.0'	S 20°14.7'	1.9'	54.2'
20	163°38.2'	120°50.2'	N 16°24.7'	231°27.8'	12.0'	S 20°12.7'	2.0'	54.2'
21	178°40.7'	135°50.2'	N 16°25.4'	245°58.8'	12.0'	S 20°10.7'	2.1'	54.2'
22	193°43.2'	150°50.3'	N 16°26.1'	260°29.8'	12.0'	S 20°08.5'	2.2'	54.2'
23	208°45.6'	165°50.3'	N 16°26.8'	275°00.8'	12.0'	S 20°06.3'	2.3'	54.2'

Sun May 6, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.9'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	223°48.1'	180°50.4'	N 16°27.5'	289°31.8'	12.1'	S 20°04.0'	2.4'	54.2'
1	238°50.6'	195°50.4'	N 16°28.2'	304°02.9'	12.1'	S 20°01.6'	2.5'	54.2'
2	253°53.0'	210°50.5'	N 16°28.9'	318°33.9'	12.1'	S 19°59.1'	2.6'	54.2'
3	268°55.5'	225°50.5'	N 16°29.6'	333°05.0'	12.1'	S 19°56.5'	2.7'	54.2'
4	283°57.9'	240°50.5'	N 16°30.3'	347°36.1'	12.1'	S 19°53.8'	2.8'	54.2'
5	299°00.4'	255°50.6'	N 16°31.0'	2°07.3'	12.1'	S 19°51.0'	2.9'	54.2'
6	314°02.9'	270°50.6'	N 16°31.7'	16°38.4'	12.2'	S 19°48.2'	3.0'	54.2'
7	329°05.3'	285°50.7'	N 16°32.4'	31°09.6'	12.2'	S 19°45.2'	3.0'	54.2'
8	344°07.8'	300°50.7'	N 16°33.1'	45°40.8'	12.2'	S 19°42.2'	3.1'	54.2'
9	359°10.3'	315°50.8'	N 16°33.8'	60°12.0'	12.2'	S 19°39.0'	3.2'	54.2'
10	14°12.7'	330°50.8'	N 16°34.5'	74°43.2'	12.2'	S 19°35.8'	3.3'	54.2'
11	29°15.2'	345°50.9'	N 16°35.2'	89°14.4'	12.3'	S 19°32.5'	3.4'	54.2'
12	44°17.7'	0°50.9'	N 16°35.9'	103°45.7'	12.3'	S 19°29.1'	3.5'	54.2'
13	59°20.1'	15°51.0'	N 16°36.6'	118°17.0'	12.3'	S 19°25.6'	3.6'	54.2'
14	74°22.6'	30°51.0'	N 16°37.3'	132°48.3'	12.3'	S 19°22.0'	3.7'	54.2'
15	89°25.1'	45°51.1'	N 16°38.0'	147°19.6'	12.3'	S 19°18.3'	3.8'	54.2'
16	104°27.5'	60°51.1'	N 16°38.7'	161°51.0'	12.4'	S 19°14.5'	3.9'	54.3'
17	119°30.0'	75°51.1'	N 16°39.4'	176°22.3'	12.4'	S 19°10.7'	3.9'	54.3'
18	134°32.4'	90°51.2'	N 16°40.1'	190°53.7'	12.4'	S 19°06.7'	4.0'	54.3'
19	149°34.9'	105°51.2'	N 16°40.8'	205°25.1'	12.4'	S 19°02.7'	4.1'	54.3'
20	164°37.4'	120°51.3'	N 16°41.5'	219°56.6'	12.4'	S 18°58.6'	4.2'	54.3'
21	179°39.8'	135°51.3'	N 16°42.2'	234°28.0'	12.5'	S 18°54.4'	4.3'	54.3'
22	194°42.3'	150°51.4'	N 16°42.9'	248°59.5'	12.5'	S 18°50.1'	4.4'	54.3'
23	209°44.8'	165°51.4'	N 16°43.6'	263°31.0'	12.5'	S 18°45.7'	4.5'	54.3'

Mon May 7, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.9'		SD = 14.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	224°47.2'	180°51.5'	N 16°44.3'	278°02.5'	12.5'	S 18°41.3'	4.5'	54.3'
1	239°49.7'	195°51.5'	N 16°44.9'	292°34.0'	12.6'	S 18°36.7'	4.6'	54.3'
2	254°52.2'	210°51.5'	N 16°45.6'	307°05.6'	12.6'	S 18°32.1'	4.7'	54.3'
3	269°54.6'	225°51.6'	N 16°46.3'	321°37.1'	12.6'	S 18°27.4'	4.8'	54.3'
4	284°57.1'	240°51.6'	N 16°47.0'	336°08.7'	12.6'	S 18°22.6'	4.9'	54.3'
5	299°59.5'	255°51.7'	N 16°47.7'	350°40.3'	12.6'	S 18°17.7'	5.0'	54.3'
6	315°02.0'	270°51.7'	N 16°48.4'	5°12.0'	12.7'	S 18°12.8'	5.0'	54.3'
7	330°04.5'	285°51.7'	N 16°49.1'	19°43.6'	12.7'	S 18°07.7'	5.1'	54.4'
8	345°06.9'	300°51.8'	N 16°49.8'	34°15.3'	12.7'	S 18°02.6'	5.2'	54.4'
9	0°09.4'	315°51.8'	N 16°50.5'	48°47.0'	12.7'	S 17°57.4'	5.3'	54.4'
10	15°11.9'	330°51.9'	N 16°51.2'	63°18.7'	12.7'	S 17°52.1'	5.4'	54.4'
11	30°14.3'	345°51.9'	N 16°51.8'	77°50.4'	12.8'	S 17°46.7'	5.5'	54.4'
12	45°16.8'	0°51.9'	N 16°52.5'	92°22.2'	12.8'	S 17°41.2'	5.5'	54.4'
13	60°19.3'	15°52.0'	N 16°53.2'	106°54.0'	12.8'	S 17°35.7'	5.6'	54.4'
14	75°21.7'	30°52.0'	N 16°53.9'	121°25.8'	12.8'	S 17°30.1'	5.7'	54.4'
15	90°24.2'	45°52.1'	N 16°54.6'	135°57.6'	12.8'	S 17°24.4'	5.8'	54.4'
16	105°26.7'	60°52.1'	N 16°55.3'	150°29.4'	12.9'	S 17°18.6'	5.9'	54.4'
17	120°29.1'	75°52.1'	N 16°56.0'	165°01.3'	12.9'	S 17°12.7'	5.9'	54.5'
18	135°31.6'	90°52.2'	N 16°56.6'	179°33.2'	12.9'	S 17°06.8'	6.0'	54.5'
19	150°34.0'	105°52.2'	N 16°57.3'	194°05.1'	12.9'	S 17°00.7'	6.1'	54.5'
20	165°36.5'	120°52.3'	N 16°58.0'	208°37.0'	12.9'	S 16°54.6'	6.2'	54.5'
21	180°39.0'	135°52.3'	N 16°58.7'	223°08.9'	13.0'	S 16°48.5'	6.3'	54.5'
22	195°41.4'	150°52.3'	N 16°59.4'	237°40.9'	13.0'	S 16°42.2'	6.3'	54.5'
23	210°43.9'	165°52.4'	N 17°00.1'	252°12.8'	13.0'	S 16°35.9'	6.4'	54.5'

Tue May 8, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.8'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	225°46.4'	180°52.4'	N 17°00.7'	266°44.8'	13.0'	S 16°29.5'	6.5'	54.6'
1	240°48.8'	195°52.4'	N 17°01.4'	281°16.8'	13.0'	S 16°23.0'	6.6'	54.6'
2	255°51.3'	210°52.5'	N 17°02.1'	295°48.9'	13.0'	S 16°16.4'	6.6'	54.6'
3	270°53.8'	225°52.5'	N 17°02.8'	310°20.9'	13.1'	S 16°09.8'	6.7'	54.6'
4	285°56.2'	240°52.6'	N 17°03.5'	324°53.0'	13.1'	S 16°03.1'	6.8'	54.6'
5	300°58.7'	255°52.6'	N 17°04.1'	339°25.1'	13.1'	S 15°56.3'	6.9'	54.6'
6	316°01.2'	270°52.6'	N 17°04.8'	353°57.2'	13.1'	S 15°49.4'	6.9'	54.6'
7	331°03.6'	285°52.7'	N 17°05.5'	8°29.3'	13.1'	S 15°42.5'	7.0'	54.7'
8	346°06.1'	300°52.7'	N 17°06.2'	23°01.4'	13.1'	S 15°35.4'	7.1'	54.7'
9	1°08.5'	315°52.7'	N 17°06.9'	37°33.6'	13.2'	S 15°28.4'	7.2'	54.7'
10	16°11.0'	330°52.8'	N 17°07.5'	52°05.7'	13.2'	S 15°21.2'	7.2'	54.7'
11	31°13.5'	345°52.8'	N 17°08.2'	66°37.9'	13.2'	S 15°14.0'	7.3'	54.7'
12	46°15.9'	0°52.8'	N 17°08.9'	81°10.1'	13.2'	S 15°06.7'	7.4'	54.7'
13	61°18.4'	15°52.9'	N 17°09.6'	95°42.3'	13.2'	S 14°59.3'	7.4'	54.8'
14	76°20.9'	30°52.9'	N 17°10.2'	110°14.6'	13.2'	S 14°51.8'	7.5'	54.8'
15	91°23.3'	45°52.9'	N 17°10.9'	124°46.8'	13.3'	S 14°44.3'	7.6'	54.8'
16	106°25.8'	60°53.0'	N 17°11.6'	139°19.1'	13.3'	S 14°36.7'	7.7'	54.8'
17	121°28.3'	75°53.0'	N 17°12.3'	153°51.3'	13.3'	S 14°29.1'	7.7'	54.8'
18	136°30.7'	90°53.0'	N 17°12.9'	168°23.6'	13.3'	S 14°21.3'	7.8'	54.9'
19	151°33.2'	105°53.1'	N 17°13.6'	182°55.9'	13.3'	S 14°13.5'	7.9'	54.9'
20	166°35.6'	120°53.1'	N 17°14.3'	197°28.2'	13.3'	S 14°05.7'	7.9'	54.9'
21	181°38.1'	135°53.1'	N 17°14.9'	212°00.5'	13.3'	S 13°57.7'	8.0'	54.9'
22	196°40.6'	150°53.2'	N 17°15.6'	226°32.9'	13.3'	S 13°49.7'	8.1'	54.9'
23	211°43.0'	165°53.2'	N 17°16.3'	241°05.2'	13.4'	S 13°41.7'	8.1'	55.0'

Wed May 9, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.8'		SD = 15.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	226°45.5'	180°53.2'	N 17°17.0'	255°37.6'	13.4'	S 13°33.5'	8.2'	55.0'
1	241°48.0'	195°53.2'	N 17°17.6'	270°10.0'	13.4'	S 13°25.3'	8.3'	55.0'
2	256°50.4'	210°53.3'	N 17°18.3'	284°42.3'	13.4'	S 13°17.0'	8.3'	55.0'
3	271°52.9'	225°53.3'	N 17°19.0'	299°14.7'	13.4'	S 13°08.7'	8.4'	55.0'
4	286°55.4'	240°53.3'	N 17°19.6'	313°47.1'	13.4'	S 13°00.3'	8.5'	55.1'
5	301°57.8'	255°53.4'	N 17°20.3'	328°19.5'	13.4'	S 12°51.8'	8.5'	55.1'
6	317°00.3'	270°53.4'	N 17°21.0'	342°52.0'	13.4'	S 12°43.3'	8.6'	55.1'
7	332°02.8'	285°53.4'	N 17°21.6'	357°24.4'	13.4'	S 12°34.7'	8.7'	55.1'
8	347°05.2'	300°53.5'	N 17°22.3'	11°56.8'	13.4'	S 12°26.1'	8.7'	55.2'
9	2°07.7'	315°53.5'	N 17°23.0'	26°29.3'	13.4'	S 12°17.3'	8.8'	55.2'
10	17°10.1'	330°53.5'	N 17°23.6'	41°01.7'	13.5'	S 12°08.5'	8.8'	55.2'
11	32°12.6'	345°53.5'	N 17°24.3'	55°34.2'	13.5'	S 11°59.7'	8.9'	55.2'
12	47°15.1'	0°53.6'	N 17°25.0'	70°06.6'	13.5'	S 11°50.8'	9.0'	55.2'
13	62°17.5'	15°53.6'	N 17°25.6'	84°39.1'	13.5'	S 11°41.8'	9.0'	55.3'
14	77°20.0'	30°53.6'	N 17°26.3'	99°11.6'	13.5'	S 11°32.8'	9.1'	55.3'
15	92°22.5'	45°53.6'	N 17°26.9'	113°44.1'	13.5'	S 11°23.7'	9.1'	55.3'
16	107°24.9'	60°53.7'	N 17°27.6'	128°16.5'	13.5'	S 11°14.6'	9.2'	55.3'
17	122°27.4'	75°53.7'	N 17°28.3'	142°49.0'	13.5'	S 11°05.4'	9.3'	55.4'
18	137°29.9'	90°53.7'	N 17°28.9'	157°21.5'	13.5'	S 10°56.1'	9.3'	55.4'
19	152°32.3'	105°53.7'	N 17°29.6'	171°54.0'	13.5'	S 10°46.8'	9.4'	55.4'
20	167°34.8'	120°53.8'	N 17°30.3'	186°26.5'	13.5'	S 10°37.4'	9.4'	55.4'
21	182°37.3'	135°53.8'	N 17°30.9'	200°59.0'	13.5'	S 10°28.0'	9.5'	55.5'
22	197°39.7'	150°53.8'	N 17°31.6'	215°31.5'	13.5'	S 10°18.5'	9.5'	55.5'
23	212°42.2'	165°53.8'	N 17°32.2'	230°04.0'	13.5'	S 10°08.9'	9.6'	55.5'

Thu May 10, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.7' SD = 15.8'		SD = 15.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	227°44.6'	180°53.9'	N 17°32.9'	244°36.5'	13.5'	S 9°59.3'	9.7'	55.6'
1	242°47.1'	195°53.9'	N 17°33.5'	259°09.0'	13.5'	S 9°49.7'	9.7'	55.6'
2	257°49.6'	210°53.9'	N 17°34.2'	273°41.4'	13.5'	S 9°40.0'	9.8'	55.6'
3	272°52.0'	225°53.9'	N 17°34.9'	288°13.9'	13.5'	S 9°30.2'	9.8'	55.6'
4	287°54.5'	240°54.0'	N 17°35.5'	302°46.4'	13.5'	S 9°20.4'	9.9'	55.7'
5	302°57.0'	255°54.0'	N 17°36.2'	317°18.9'	13.5'	S 9°10.5'	9.9'	55.7'
6	317°59.4'	270°54.0'	N 17°36.8'	331°51.4'	13.5'	S 9°00.6'	10.0'	55.7'
7	333°01.9'	285°54.0'	N 17°37.5'	346°23.9'	13.5'	S 8°50.6'	10.0'	55.7'
8	348°04.4'	300°54.1'	N 17°38.1'	0°56.3'	13.5'	S 8°40.6'	10.1'	55.8'
9	3°06.8'	315°54.1'	N 17°38.8'	15°28.8'	13.5'	S 8°30.5'	10.1'	55.8'
10	18°09.3'	330°54.1'	N 17°39.4'	30°01.2'	13.5'	S 8°20.4'	10.2'	55.8'
11	33°11.7'	345°54.1'	N 17°40.1'	44°33.7'	13.4'	S 8°10.2'	10.2'	55.9'
12	48°14.2'	0°54.1'	N 17°40.7'	59°06.1'	13.4'	S 8°00.0'	10.3'	55.9'
13	63°16.7'	15°54.2'	N 17°41.4'	73°38.6'	13.4'	S 7°49.7'	10.3'	55.9'
14	78°19.1'	30°54.2'	N 17°42.0'	88°11.0'	13.4'	S 7°39.4'	10.4'	56.0'
15	93°21.6'	45°54.2'	N 17°42.7'	102°43.4'	13.4'	S 7°29.1'	10.4'	56.0'
16	108°24.1'	60°54.2'	N 17°43.3'	117°15.8'	13.4'	S 7°18.7'	10.5'	56.0'
17	123°26.5'	75°54.3'	N 17°44.0'	131°48.2'	13.4'	S 7°08.2'	10.5'	56.0'
18	138°29.0'	90°54.3'	N 17°44.6'	146°20.6'	13.4'	S 6°57.7'	10.5'	56.1'
19	153°31.5'	105°54.3'	N 17°45.3'	160°53.0'	13.4'	S 6°47.2'	10.6'	56.1'
20	168°33.9'	120°54.3'	N 17°45.9'	175°25.3'	13.3'	S 6°36.6'	10.6'	56.1'
21	183°36.4'	135°54.3'	N 17°46.6'	189°57.7'	13.3'	S 6°25.9'	10.7'	56.2'
22	198°38.9'	150°54.3'	N 17°47.2'	204°30.0'	13.3'	S 6°15.3'	10.7'	56.2'
23	213°41.3'	165°54.4'	N 17°47.9'	219°02.3'	13.3'	S 6°04.6'	10.8'	56.2'

Fri May 11, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.6' SD = 15.8'		SD = 15.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	228°43.8'	180°54.4'	N 17°48.5'	233°34.6'	13.3'	S 5°53.8'	10.8'	56.3'
1	243°46.2'	195°54.4'	N 17°49.2'	248°06.9'	13.3'	S 5°43.0'	10.8'	56.3'
2	258°48.7'	210°54.4'	N 17°49.8'	262°39.2'	13.2'	S 5°32.2'	10.9'	56.3'
3	273°51.2'	225°54.4'	N 17°50.5'	277°11.4'	13.2'	S 5°21.3'	10.9'	56.4'
4	288°53.6'	240°54.5'	N 17°51.1'	291°43.6'	13.2'	S 5°10.4'	10.9'	56.4'
5	303°56.1'	255°54.5'	N 17°51.7'	306°15.8'	13.2'	S 4°59.5'	11.0'	56.4'
6	318°58.6'	270°54.5'	N 17°52.4'	320°48.0'	13.2'	S 4°48.5'	11.0'	56.5'
7	334°01.0'	285°54.5'	N 17°53.0'	335°20.2'	13.1'	S 4°37.5'	11.1'	56.5'
8	349°03.5'	300°54.5'	N 17°53.7'	349°52.4'	13.1'	S 4°26.4'	11.1'	56.5'
9	4°06.0'	315°54.5'	N 17°54.3'	4°24.5'	13.1'	S 4°15.3'	11.1'	56.5'
10	19°08.4'	330°54.6'	N 17°54.9'	18°56.6'	13.1'	S 4°04.2'	11.2'	56.6'
11	34°10.9'	345°54.6'	N 17°55.6'	33°28.7'	13.1'	S 3°53.0'	11.2'	56.6'
12	49°13.4'	0°54.6'	N 17°56.2'	48°00.7'	13.0'	S 3°41.8'	11.2'	56.6'
13	64°15.8'	15°54.6'	N 17°56.9'	62°32.8'	13.0'	S 3°30.6'	11.3'	56.7'
14	79°18.3'	30°54.6'	N 17°57.5'	77°04.8'	13.0'	S 3°19.4'	11.3'	56.7'
15	94°20.7'	45°54.6'	N 17°58.1'	91°36.7'	13.0'	S 3°08.1'	11.3'	56.7'
16	109°23.2'	60°54.6'	N 17°58.8'	106°08.7'	12.9'	S 2°56.8'	11.3'	56.8'
17	124°25.7'	75°54.7'	N 17°59.4'	120°40.6'	12.9'	S 2°45.5'	11.4'	56.8'
18	139°28.1'	90°54.7'	N 18°00.0'	135°12.5'	12.9'	S 2°34.1'	11.4'	56.9'
19	154°30.6'	105°54.7'	N 18°00.7'	149°44.4'	12.8'	S 2°22.7'	11.4'	56.9'
20	169°33.1'	120°54.7'	N 18°01.3'	164°16.2'	12.8'	S 2°11.3'	11.4'	56.9'
21	184°35.5'	135°54.7'	N 18°02.0'	178°48.0'	12.8'	S 1°59.8'	11.5'	57.0'
22	199°38.0'	150°54.7'	N 18°02.6'	193°19.8'	12.7'	S 1°48.4'	11.5'	57.0'
23	214°40.5'	165°54.7'	N 18°03.2'	207°51.5'	12.7'	S 1°36.9'	11.5'	57.0'

Sat May 12, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.6' SD = 15.8'		SD = 15.7'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	229°42.9'	180°54.7'	N 18°03.9'	222°23.2'	12.7'	S 1°25.4'	11.5'	57.1'
1	244°45.4'	195°54.8'	N 18°04.5'	236°54.9'	12.6'	S 1°13.8'	11.6'	57.1'
2	259°47.8'	210°54.8'	N 18°05.1'	251°26.5'	12.6'	S 1°02.3'	11.6'	57.1'
3	274°50.3'	225°54.8'	N 18°05.7'	265°58.1'	12.6'	S 0°50.7'	11.6'	57.2'
4	289°52.8'	240°54.8'	N 18°06.4'	280°29.7'	12.5'	S 0°39.1'	11.6'	57.2'
5	304°55.2'	255°54.8'	N 18°07.0'	295°01.2'	12.5'	S 0°27.5'	11.6'	57.2'
6	319°57.7'	270°54.8'	N 18°07.6'	309°32.7'	12.5'	S 0°15.8'	11.6'	57.3'
7	335°00.2'	285°54.8'	N 18°08.3'	324°04.2'	12.4'	S 0°04.2'	11.7'	57.3'
8	350°02.6'	300°54.8'	N 18°08.9'	338°35.6'	12.4'	N 0°07.5'	11.7'	57.3'
9	5°05.1'	315°54.8'	N 18°09.5'	353°06.9'	12.3'	N 0°19.2'	11.7'	57.4'
10	20°07.6'	330°54.9'	N 18°10.2'	7°38.3'	12.3'	N 0°30.8'	11.7'	57.4'
11	35°10.0'	345°54.9'	N 18°10.8'	22°09.6'	12.2'	N 0°42.6'	11.7'	57.4'
12	50°12.5'	0°54.9'	N 18°11.4'	36°40.8'	12.2'	N 0°54.3'	11.7'	57.5'
13	65°15.0'	15°54.9'	N 18°12.0'	51°12.0'	12.2'	N 1°06.0'	11.7'	57.5'
14	80°17.4'	30°54.9'	N 18°12.7'	65°43.2'	12.1'	N 1°17.7'	11.7'	57.5'
15	95°19.9'	45°54.9'	N 18°13.3'	80°14.3'	12.1'	N 1°29.5'	11.8'	57.6'
16	110°22.3'	60°54.9'	N 18°13.9'	94°45.4'	12.0'	N 1°41.2'	11.8'	57.6'
17	125°24.8'	75°54.9'	N 18°14.5'	109°16.4'	12.0'	N 1°53.0'	11.8'	57.6'
18	140°27.3'	90°54.9'	N 18°15.2'	123°47.4'	11.9'	N 2°04.8'	11.8'	57.7'
19	155°29.7'	105°54.9'	N 18°15.8'	138°18.3'	11.9'	N 2°16.5'	11.8'	57.7'
20	170°32.2'	120°54.9'	N 18°16.4'	152°49.2'	11.8'	N 2°28.3'	11.8'	57.7'
21	185°34.7'	135°54.9'	N 18°17.0'	167°20.0'	11.8'	N 2°40.1'	11.8'	57.8'
22	200°37.1'	150°55.0'	N 18°17.6'	181°50.8'	11.7'	N 2°51.9'	11.8'	57.8'
23	215°39.6'	165°55.0'	N 18°18.3'	196°21.5'	11.7'	N 3°03.7'	11.8'	57.8'

Sun May 13, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.6' SD = 15.8'		SD = 15.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	230°42.1'	180°55.0'	N 18°18.9'	210°52.2'	11.6'	N 3°15.4'	11.8'	57.9'
1	245°44.5'	195°55.0'	N 18°19.5'	225°22.8'	11.6'	N 3°27.2'	11.8'	57.9'
2	260°47.0'	210°55.0'	N 18°20.1'	239°53.4'	11.5'	N 3°39.0'	11.8'	58.0'
3	275°49.4'	225°55.0'	N 18°20.7'	254°23.9'	11.5'	N 3°50.8'	11.8'	58.0'
4	290°51.9'	240°55.0'	N 18°21.4'	268°54.4'	11.4'	N 4°02.5'	11.8'	58.0'
5	305°54.4'	255°55.0'	N 18°22.0'	283°24.8'	11.4'	N 4°14.3'	11.8'	58.1'
6	320°56.8'	270°55.0'	N 18°22.6'	297°55.1'	11.3'	N 4°26.1'	11.7'	58.1'
7	335°59.3'	285°55.0'	N 18°23.2'	312°25.4'	11.2'	N 4°37.8'	11.7'	58.1'
8	351°01.8'	300°55.0'	N 18°23.8'	326°55.7'	11.2'	N 4°49.5'	11.7'	58.2'
9	6°04.2'	315°55.0'	N 18°24.4'	341°25.8'	11.1'	N 5°01.3'	11.7'	58.2'
10	21°06.7'	330°55.0'	N 18°25.1'	355°56.0'	11.1'	N 5°13.0'	11.7'	58.2'
11	36°09.2'	345°55.0'	N 18°25.7'	10°26.0'	11.0'	N 5°24.7'	11.7'	58.3'
12	51°11.6'	0°55.0'	N 18°26.3'	24°56.0'	10.9'	N 5°36.4'	11.7'	58.3'
13	66°14.1'	15°55.0'	N 18°26.9'	39°26.0'	10.9'	N 5°48.0'	11.7'	58.3'
14	81°16.6'	30°55.0'	N 18°27.5'	53°55.8'	10.8'	N 5°59.7'	11.6'	58.4'
15	96°19.0'	45°55.0'	N 18°28.1'	68°25.7'	10.8'	N 6°11.3'	11.6'	58.4'
16	111°21.5'	60°55.0'	N 18°28.7'	82°55.4'	10.7'	N 6°23.0'	11.6'	58.4'
17	126°23.9'	75°55.0'	N 18°29.3'	97°25.1'	10.6'	N 6°34.6'	11.6'	58.5'
18	141°26.4'	90°55.0'	N 18°30.0'	111°54.7'	10.6'	N 6°46.1'	11.6'	58.5'
19	156°28.9'	105°55.0'	N 18°30.6'	126°24.3'	10.5'	N 6°57.7'	11.5'	58.5'
20	171°31.3'	120°55.0'	N 18°31.2'	140°53.8'	10.4'	N 7°09.2'	11.5'	58.6'
21	186°33.8'	135°55.0'	N 18°31.8'	155°23.2'	10.4'	N 7°20.7'	11.5'	58.6'
22	201°36.3'	150°55.0'	N 18°32.4'	169°52.6'	10.3'	N 7°32.2'	11.4'	58.6'
23	216°38.7'	165°55.0'	N 18°33.0'	184°21.9'	10.2'	N 7°43.6'	11.4'	58.6'

Mon May 14, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.6' SD = 15.8'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	231°41.2'	180°55.0'	N 18°33.6'	198°51.1'	10.2'	N 7°55.1'	11.4'	58.7'
1	246°43.7'	195°55.0'	N 18°34.2'	213°20.3'	10.1'	N 8°06.5'	11.4'	58.7'
2	261°46.1'	210°55.0'	N 18°34.8'	227°49.4'	10.0'	N 8°17.8'	11.3'	58.7'
3	276°48.6'	225°55.0'	N 18°35.4'	242°18.4'	10.0'	N 8°29.1'	11.3'	58.8'
4	291°51.1'	240°55.0'	N 18°36.0'	256°47.4'	9.9'	N 8°40.4'	11.3'	58.8'
5	306°53.5'	255°55.0'	N 18°36.6'	271°16.3'	9.8'	N 8°51.7'	11.2'	58.8'
6	321°56.0'	270°55.0'	N 18°37.2'	285°45.1'	9.7'	N 9°02.9'	11.2'	58.9'
7	336°58.4'	285°55.0'	N 18°37.8'	300°13.9'	9.7'	N 9°14.1'	11.1'	58.9'
8	352°00.9'	300°55.0'	N 18°38.4'	314°42.5'	9.6'	N 9°25.2'	11.1'	58.9'
9	7°03.4'	315°55.0'	N 18°39.1'	329°11.1'	9.5'	N 9°36.3'	11.1'	59.0'
10	22°05.8'	330°55.0'	N 18°39.7'	343°39.7'	9.5'	N 9°47.3'	11.0'	59.0'
11	37°08.3'	345°55.0'	N 18°40.3'	358°08.1'	9.4'	N 9°58.4'	11.0'	59.0'
12	52°10.8'	0°55.0'	N 18°40.9'	12°36.5'	9.3'	N 10°09.3'	10.9'	59.0'
13	67°13.2'	15°55.0'	N 18°41.5'	27°04.8'	9.2'	N 10°20.2'	10.9'	59.1'
14	82°15.7'	30°55.0'	N 18°42.1'	41°33.1'	9.2'	N 10°31.1'	10.8'	59.1'
15	97°18.2'	45°55.0'	N 18°42.7'	56°01.2'	9.1'	N 10°41.9'	10.8'	59.1'
16	112°20.6'	60°55.0'	N 18°43.3'	70°29.3'	9.0'	N 10°52.7'	10.7'	59.2'
17	127°23.1'	75°55.0'	N 18°43.8'	84°57.3'	8.9'	N 11°03.4'	10.7'	59.2'
18	142°25.5'	90°55.0'	N 18°44.4'	99°25.3'	8.9'	N 11°14.0'	10.6'	59.2'
19	157°28.0'	105°55.0'	N 18°45.0'	113°53.1'	8.8'	N 11°24.6'	10.5'	59.2'
20	172°30.5'	120°55.0'	N 18°45.6'	128°20.9'	8.7'	N 11°35.2'	10.5'	59.3'
21	187°32.9'	135°55.0'	N 18°46.2'	142°48.6'	8.6'	N 11°45.7'	10.4'	59.3'
22	202°35.4'	150°55.0'	N 18°46.8'	157°16.3'	8.6'	N 11°56.1'	10.4'	59.3'
23	217°37.9'	165°55.0'	N 18°47.4'	171°43.8'	8.5'	N 12°06.5'	10.3'	59.3'

Tue May 15, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.6' SD = 15.8'		SD = 16.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	232°40.3'	180°55.0'	N 18°48.0'	186°11.3'	8.4'	N 12°16.8'	10.2'	59.4'
1	247°42.8'	195°55.0'	N 18°48.6'	200°38.7'	8.3'	N 12°27.0'	10.2'	59.4'
2	262°45.3'	210°55.0'	N 18°49.2'	215°06.1'	8.3'	N 12°37.2'	10.1'	59.4'
3	277°47.7'	225°54.9'	N 18°49.8'	229°33.3'	8.2'	N 12°47.3'	10.0'	59.4'
4	292°50.2'	240°54.9'	N 18°50.4'	244°00.5'	8.1'	N 12°57.3'	10.0'	59.5'
5	307°52.7'	255°54.9'	N 18°51.0'	258°27.6'	8.0'	N 13°07.3'	9.9'	59.5'
6	322°55.1'	270°54.9'	N 18°51.6'	272°54.6'	7.9'	N 13°17.2'	9.8'	59.5'
7	337°57.6'	285°54.9'	N 18°52.2'	287°21.6'	7.9'	N 13°27.0'	9.7'	59.5'
8	353°00.0'	300°54.9'	N 18°52.8'	301°48.4'	7.8'	N 13°36.7'	9.7'	59.6'
9	8°02.5'	315°54.9'	N 18°53.3'	316°15.2'	7.7'	N 13°46.4'	9.6'	59.6'
10	23°05.0'	330°54.9'	N 18°53.9'	330°41.9'	7.6'	N 13°56.0'	9.5'	59.6'
11	38°07.4'	345°54.9'	N 18°54.5'	345°08.6'	7.6'	N 14°05.5'	9.4'	59.6'
12	53°09.9'	0°54.9'	N 18°55.1'	359°35.1'	7.5'	N 14°14.9'	9.3'	59.7'
13	68°12.4'	15°54.9'	N 18°55.7'	14°01.6'	7.4'	N 14°24.3'	9.3'	59.7'
14	83°14.8'	30°54.9'	N 18°56.3'	28°28.0'	7.3'	N 14°33.5'	9.2'	59.7'
15	98°17.3'	45°54.9'	N 18°56.9'	42°54.4'	7.3'	N 14°42.7'	9.1'	59.7'
16	113°19.8'	60°54.8'	N 18°57.5'	57°20.6'	7.2'	N 14°51.8'	9.0'	59.7'
17	128°22.2'	75°54.8'	N 18°58.0'	71°46.8'	7.1'	N 15°00.8'	8.9'	59.8'
18	143°24.7'	90°54.8'	N 18°58.6'	86°12.9'	7.0'	N 15°09.7'	8.8'	59.8'
19	158°27.2'	105°54.8'	N 18°59.2'	100°39.0'	7.0'	N 15°18.5'	8.7'	59.8'
20	173°29.6'	120°54.8'	N 18°59.8'	115°04.9'	6.9'	N 15°27.2'	8.6'	59.8'
21	188°32.1'	135°54.8'	N 19°00.4'	129°30.8'	6.8'	N 15°35.9'	8.5'	59.8'
22	203°34.5'	150°54.8'	N 19°01.0'	143°56.6'	6.7'	N 15°44.4'	8.4'	59.9'
23	218°37.0'	165°54.8'	N 19°01.5'	158°22.4'	6.7'	N 15°52.9'	8.3'	59.9'

Wed May 16, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.6' SD = 15.8'		SD = 16.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	233°39.5'	180°54.8'	N 19°02.1'	172°48.0'	6.6'	N 16°01.2'	8.2'	59.9'
1	248°41.9'	195°54.7'	N 19°02.7'	187°13.6'	6.5'	N 16°09.5'	8.1'	59.9'
2	263°44.4'	210°54.7'	N 19°03.3'	201°39.1'	6.4'	N 16°17.6'	8.0'	59.9'
3	278°46.9'	225°54.7'	N 19°03.9'	216°04.6'	6.4'	N 16°25.6'	7.9'	59.9'
4	293°49.3'	240°54.7'	N 19°04.4'	230°30.0'	6.3'	N 16°33.6'	7.8'	60.0'
5	308°51.8'	255°54.7'	N 19°05.0'	244°55.3'	6.2'	N 16°41.4'	7.7'	60.0'
6	323°54.3'	270°54.7'	N 19°05.6'	259°20.5'	6.2'	N 16°49.1'	7.6'	60.0'
7	338°56.7'	285°54.7'	N 19°06.2'	273°45.7'	6.1'	N 16°56.8'	7.5'	60.0'
8	353°59.2'	300°54.7'	N 19°06.7'	288°10.8'	6.0'	N 17°04.3'	7.4'	60.0'
9	9°01.6'	315°54.6'	N 19°07.3'	302°35.8'	6.0'	N 17°11.7'	7.3'	60.0'
10	24°04.1'	330°54.6'	N 19°07.9'	317°00.8'	5.9'	N 17°19.0'	7.2'	60.0'
11	39°06.6'	345°54.6'	N 19°08.5'	331°25.7'	5.8'	N 17°26.1'	7.1'	60.1'
12	54°09.0'	0°54.6'	N 19°09.0'	345°50.5'	5.8'	N 17°33.2'	6.9'	60.1'
13	69°11.5'	15°54.6'	N 19°09.6'	0°15.3'	5.7'	N 17°40.2'	6.8'	60.1'
14	84°14.0'	30°54.6'	N 19°10.2'	14°40.0'	5.7'	N 17°47.0'	6.7'	60.1'
15	99°16.4'	45°54.5'	N 19°10.8'	29°04.7'	5.6'	N 17°53.7'	6.6'	60.1'
16	114°18.9'	60°54.5'	N 19°11.3'	43°29.3'	5.5'	N 18°00.3'	6.5'	60.1'
17	129°21.4'	75°54.5'	N 19°11.9'	57°53.8'	5.5'	N 18°06.8'	6.4'	60.1'
18	144°23.8'	90°54.5'	N 19°12.5'	72°18.3'	5.4'	N 18°13.1'	6.2'	60.1'
19	159°26.3'	105°54.5'	N 19°13.0'	86°42.7'	5.4'	N 18°19.3'	6.1'	60.1'
20	174°28.8'	120°54.5'	N 19°13.6'	101°07.0'	5.3'	N 18°25.5'	6.0'	60.2'
21	189°31.2'	135°54.5'	N 19°14.2'	115°31.3'	5.2'	N 18°31.4'	5.9'	60.2'
22	204°33.7'	150°54.4'	N 19°14.8'	129°55.6'	5.2'	N 18°37.3'	5.7'	60.2'
23	219°36.1'	165°54.4'	N 19°15.3'	144°19.8'	5.1'	N 18°43.0'	5.6'	60.2'

Thu May 17, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.6' SD = 15.8'		SD = 16.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	234°38.6'	180°54.4'	N 19°15.9'	158°43.9'	5.1'	N 18°48.6'	5.5'	60.2'
1	249°41.1'	195°54.4'	N 19°16.5'	173°08.0'	5.0'	N 18°54.1'	5.3'	60.2'
2	264°43.5'	210°54.4'	N 19°17.0'	187°32.0'	5.0'	N 18°59.4'	5.2'	60.2'
3	279°46.0'	225°54.3'	N 19°17.6'	201°56.0'	4.9'	N 19°04.6'	5.1'	60.2'
4	294°48.5'	240°54.3'	N 19°18.2'	216°20.0'	4.9'	N 19°09.7'	4.9'	60.2'
5	309°50.9'	255°54.3'	N 19°18.7'	230°43.9'	4.9'	N 19°14.7'	4.8'	60.2'
6	324°53.4'	270°54.3'	N 19°19.3'	245°07.7'	4.8'	N 19°19.5'	4.7'	60.2'
7	339°55.9'	285°54.3'	N 19°19.8'	259°31.5'	4.8'	N 19°24.2'	4.5'	60.2'
8	354°58.3'	300°54.2'	N 19°20.4'	273°55.3'	4.7'	N 19°28.7'	4.4'	60.2'
9	10°00.8'	315°54.2'	N 19°21.0'	288°19.0'	4.7'	N 19°33.1'	4.3'	60.3'
10	25°03.3'	330°54.2'	N 19°21.5'	302°42.7'	4.7'	N 19°37.4'	4.1'	60.3'
11	40°05.7'	345°54.2'	N 19°22.1'	317°06.4'	4.6'	N 19°41.5'	4.0'	60.3'
12	55°08.2'	0°54.2'	N 19°22.7'	331°30.0'	4.6'	N 19°45.5'	3.9'	60.3'
13	70°10.6'	15°54.1'	N 19°23.2'	345°53.6'	4.5'	N 19°49.4'	3.7'	60.3'
14	85°13.1'	30°54.1'	N 19°23.8'	0°17.1'	4.5'	N 19°53.1'	3.6'	60.3'
15	100°15.6'	45°54.1'	N 19°24.3'	14°40.6'	4.5'	N 19°56.7'	3.4'	60.3'
16	115°18.0'	60°54.1'	N 19°24.9'	29°04.1'	4.5'	N 20°00.1'	3.3'	60.3'
17	130°20.5'	75°54.1'	N 19°25.4'	43°27.6'	4.4'	N 20°03.4'	3.1'	60.3'
18	145°23.0'	90°54.0'	N 19°26.0'	57°51.0'	4.4'	N 20°06.5'	3.0'	60.3'
19	160°25.4'	105°54.0'	N 19°26.6'	72°14.4'	4.4'	N 20°09.5'	2.9'	60.3'
20	175°27.9'	120°54.0'	N 19°27.1'	86°37.8'	4.4'	N 20°12.4'	2.7'	60.3'
21	190°30.4'	135°54.0'	N 19°27.7'	101°01.2'	4.3'	N 20°15.1'	2.6'	60.3'
22	205°32.8'	150°54.0'	N 19°28.2'	115°24.5'	4.3'	N 20°17.7'	2.4'	60.3'
23	220°35.3'	165°53.9'	N 19°28.8'	129°47.9'	4.3'	N 20°20.1'	2.3'	60.3'

Fri May 18, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.5' SD = 15.8'		SD = 16.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	235°37.8'	180°53.9'	N 19°29.3'	144°11.2'	4.3'	N 20°22.4'	2.1'	60.3'
1	250°40.2'	195°53.9'	N 19°29.9'	158°34.5'	4.3'	N 20°24.6'	2.0'	60.3'
2	265°42.7'	210°53.9'	N 19°30.4'	172°57.7'	4.3'	N 20°26.6'	1.8'	60.3'
3	280°45.1'	225°53.8'	N 19°31.0'	187°21.0'	4.3'	N 20°28.4'	1.7'	60.3'
4	295°47.6'	240°53.8'	N 19°31.5'	201°44.3'	4.3'	N 20°30.1'	1.6'	60.3'
5	310°50.1'	255°53.8'	N 19°32.1'	216°07.5'	4.2'	N 20°31.7'	1.4'	60.3'
6	325°52.5'	270°53.8'	N 19°32.6'	230°30.8'	4.2'	N 20°33.1'	1.3'	60.3'
7	340°55.0'	285°53.7'	N 19°33.2'	244°54.0'	4.2'	N 20°34.3'	1.1'	60.3'
8	355°57.5'	300°53.7'	N 19°33.7'	259°17.3'	4.2'	N 20°35.4'	1.0'	60.2'
9	10°59.9'	315°53.7'	N 19°34.3'	273°40.5'	4.2'	N 20°36.4'	0.8'	60.2'
10	26°02.4'	330°53.7'	N 19°34.8'	288°03.7'	4.2'	N 20°37.2'	0.7'	60.2'
11	41°04.9'	345°53.6'	N 19°35.4'	302°27.0'	4.2'	N 20°37.9'	0.5'	60.2'
12	56°07.3'	0°53.6'	N 19°35.9'	316°50.2'	4.3'	N 20°38.4'	0.4'	60.2'
13	71°09.8'	15°53.6'	N 19°36.5'	331°13.5'	4.3'	N 20°38.8'	0.2'	60.2'
14	86°12.3'	30°53.6'	N 19°37.0'	345°36.8'	4.3'	N 20°39.0'	0.1'	60.2'
15	101°14.7'	45°53.5'	N 19°37.6'	0°00.0'	4.3'	N 20°39.1'	0.1'	60.2'
16	116°17.2'	60°53.5'	N 19°38.1'	14°23.3'	4.3'	N 20°39.1'	0.2'	60.2'
17	131°19.6'	75°53.5'	N 19°38.7'	28°46.6'	4.3'	N 20°38.9'	0.4'	60.2'
18	146°22.1'	90°53.4'	N 19°39.2'	43°09.9'	4.3'	N 20°38.5'	0.5'	60.2'
19	161°24.6'	105°53.4'	N 19°39.7'	57°33.2'	4.3'	N 20°38.0'	0.7'	60.2'
20	176°27.0'	120°53.4'	N 19°40.3'	71°56.6'	4.4'	N 20°37.3'	0.8'	60.2'
21	191°29.5'	135°53.4'	N 19°40.8'	86°20.0'	4.4'	N 20°36.5'	0.9'	60.2'
22	206°32.0'	150°53.3'	N 19°41.4'	100°43.3'	4.4'	N 20°35.6'	1.1'	60.2'
23	221°34.4'	165°53.3'	N 19°41.9'	115°06.7'	4.4'	N 20°34.5'	1.2'	60.1'

Sat May 19, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.5' SD = 15.8'		SD = 16.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	236°36.9'	180°53.3'	N 19°42.4'	129°30.2'	4.5'	N 20°33.3'	1.4'	60.1'
1	251°39.4'	195°53.2'	N 19°43.0'	143°53.6'	4.5'	N 20°31.9'	1.5'	60.1'
2	266°41.8'	210°53.2'	N 19°43.5'	158°17.1'	4.5'	N 20°30.4'	1.7'	60.1'
3	281°44.3'	225°53.2'	N 19°44.1'	172°40.6'	4.5'	N 20°28.7'	1.8'	60.1'
4	296°46.8'	240°53.2'	N 19°44.6'	187°04.2'	4.6'	N 20°26.9'	2.0'	60.1'
5	311°49.2'	255°53.1'	N 19°45.1'	201°27.8'	4.6'	N 20°25.0'	2.1'	60.1'
6	326°51.7'	270°53.1'	N 19°45.7'	215°51.4'	4.7'	N 20°22.9'	2.2'	60.1'
7	341°54.1'	285°53.1'	N 19°46.2'	230°15.0'	4.7'	N 20°20.6'	2.4'	60.1'
8	356°56.6'	300°53.0'	N 19°46.7'	244°38.7'	4.7'	N 20°18.2'	2.5'	60.0'
9	11°59.1'	315°53.0'	N 19°47.3'	259°02.4'	4.8'	N 20°15.7'	2.7'	60.0'
10	27°01.5'	330°53.0'	N 19°47.8'	273°26.2'	4.8'	N 20°13.1'	2.8'	60.0'
11	42°04.0'	345°52.9'	N 19°48.3'	287°50.0'	4.9'	N 20°10.3'	2.9'	60.0'
12	57°06.5'	0°52.9'	N 19°48.9'	302°13.9'	4.9'	N 20°07.3'	3.1'	60.0'
13	72°08.9'	15°52.9'	N 19°49.4'	316°37.8'	4.9'	N 20°04.2'	3.2'	60.0'
14	87°11.4'	30°52.8'	N 19°49.9'	331°01.7'	5.0'	N 20°01.0'	3.4'	60.0'
15	102°13.9'	45°52.8'	N 19°50.5'	345°25.7'	5.0'	N 19°57.7'	3.5'	59.9'
16	117°16.3'	60°52.8'	N 19°51.0'	359°49.7'	5.1'	N 19°54.2'	3.6'	59.9'
17	132°18.8'	75°52.8'	N 19°51.5'	14°13.8'	5.1'	N 19°50.6'	3.8'	59.9'
18	147°21.2'	90°52.7'	N 19°52.1'	28°37.9'	5.2'	N 19°46.8'	3.9'	59.9'
19	162°23.7'	105°52.7'	N 19°52.6'	43°02.1'	5.2'	N 19°42.9'	4.0'	59.9'
20	177°26.2'	120°52.7'	N 19°53.1'	57°26.4'	5.3'	N 19°38.9'	4.2'	59.9'
21	192°28.6'	135°52.6'	N 19°53.6'	71°50.7'	5.3'	N 19°34.8'	4.3'	59.9'
22	207°31.1'	150°52.6'	N 19°54.2'	86°15.0'	5.4'	N 19°30.5'	4.4'	59.8'
23	222°33.6'	165°52.6'	N 19°54.7'	100°39.4'	5.5'	N 19°26.1'	4.5'	59.8'

Sun May 20, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.5' SD = 15.8'		SD = 16.3'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	237°36.0'	180°52.5'	N 19°55.2'	115°03.9'	5.5'	N 19°21.5'	4.7'	59.8'
1	252°38.5'	195°52.5'	N 19°55.8'	129°28.4'	5.6'	N 19°16.8'	4.8'	59.8'
2	267°41.0'	210°52.4'	N 19°56.3'	143°53.0'	5.6'	N 19°12.0'	4.9'	59.8'
3	282°43.4'	225°52.4'	N 19°56.8'	158°17.6'	5.7'	N 19°07.1'	5.1'	59.8'
4	297°45.9'	240°52.4'	N 19°57.3'	172°42.3'	5.8'	N 19°02.1'	5.2'	59.7'
5	312°48.4'	255°52.3'	N 19°57.8'	187°07.1'	5.8'	N 18°56.9'	5.3'	59.7'
6	327°50.8'	270°52.3'	N 19°58.4'	201°31.9'	5.9'	N 18°51.6'	5.4'	59.7'
7	342°53.3'	285°52.3'	N 19°58.9'	215°56.8'	6.0'	N 18°46.2'	5.5'	59.7'
8	357°55.7'	300°52.2'	N 19°59.4'	230°21.8'	6.0'	N 18°40.6'	5.7'	59.7'
9	12°58.2'	315°52.2'	N 19°59.9'	244°46.8'	6.1'	N 18°35.0'	5.8'	59.7'
10	28°00.7'	330°52.2'	N 20°00.5'	259°11.9'	6.2'	N 18°29.2'	5.9'	59.6'
11	43°03.1'	345°52.1'	N 20°01.0'	273°37.1'	6.2'	N 18°23.3'	6.0'	59.6'
12	58°05.6'	0°52.1'	N 20°01.5'	288°02.3'	6.3'	N 18°17.3'	6.1'	59.6'
13	73°08.1'	15°52.0'	N 20°02.0'	302°27.6'	6.4'	N 18°11.1'	6.2'	59.6'
14	88°10.5'	30°52.0'	N 20°02.5'	316°52.9'	6.4'	N 18°04.9'	6.4'	59.6'
15	103°13.0'	45°52.0'	N 20°03.0'	331°18.4'	6.5'	N 17°58.5'	6.5'	59.5'
16	118°15.5'	60°51.9'	N 20°03.6'	345°43.9'	6.6'	N 17°52.1'	6.6'	59.5'
17	133°17.9'	75°51.9'	N 20°04.1'	0°09.5'	6.6'	N 17°45.5'	6.7'	59.5'
18	148°20.4'	90°51.9'	N 20°04.6'	14°35.1'	6.7'	N 17°38.8'	6.8'	59.5'
19	163°22.9'	105°51.8'	N 20°05.1'	29°00.8'	6.8'	N 17°32.0'	6.9'	59.5'
20	178°25.3'	120°51.8'	N 20°05.6'	43°26.6'	6.9'	N 17°25.1'	7.0'	59.4'
21	193°27.8'	135°51.7'	N 20°06.1'	57°52.5'	6.9'	N 17°18.1'	7.1'	59.4'
22	208°30.2'	150°51.7'	N 20°06.6'	72°18.4'	7.0'	N 17°10.9'	7.2'	59.4'
23	223°32.7'	165°51.7'	N 20°07.2'	86°44.4'	7.1'	N 17°03.7'	7.3'	59.4'

Mon May 21, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.5' SD = 15.8'		SD = 16.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	238°35.2'	180°51.6'	N 20°07.7'	101°10.5'	7.2'	N 16°56.4'	7.4'	59.4'
1	253°37.6'	195°51.6'	N 20°08.2'	115°36.7'	7.2'	N 16°49.0'	7.5'	59.3'
2	268°40.1'	210°51.5'	N 20°08.7'	130°02.9'	7.3'	N 16°41.4'	7.6'	59.3'
3	283°42.6'	225°51.5'	N 20°09.2'	144°29.2'	7.4'	N 16°33.8'	7.7'	59.3'
4	298°45.0'	240°51.5'	N 20°09.7'	158°55.6'	7.5'	N 16°26.1'	7.8'	59.3'
5	313°47.5'	255°51.4'	N 20°10.2'	173°22.0'	7.5'	N 16°18.2'	7.9'	59.3'
6	328°50.0'	270°51.4'	N 20°10.7'	187°48.6'	7.6'	N 16°10.3'	8.0'	59.2'
7	343°52.4'	285°51.3'	N 20°11.2'	202°15.2'	7.7'	N 16°02.3'	8.1'	59.2'
8	358°54.9'	300°51.3'	N 20°11.7'	216°41.9'	7.8'	N 15°54.2'	8.2'	59.2'
9	13°57.4'	315°51.3'	N 20°12.2'	231°08.6'	7.8'	N 15°46.0'	8.3'	59.2'
10	28°59.8'	330°51.2'	N 20°12.7'	245°35.4'	7.9'	N 15°37.7'	8.4'	59.1'
11	44°02.3'	345°51.2'	N 20°13.3'	260°02.4'	8.0'	N 15°29.3'	8.5'	59.1'
12	59°04.7'	0°51.1'	N 20°13.8'	274°29.3'	8.1'	N 15°20.9'	8.6'	59.1'
13	74°07.2'	15°51.1'	N 20°14.3'	288°56.4'	8.1'	N 15°12.3'	8.6'	59.1'
14	89°09.7'	30°51.0'	N 20°14.8'	303°23.5'	8.2'	N 15°03.7'	8.7'	59.1'
15	104°12.1'	45°51.0'	N 20°15.3'	317°50.7'	8.3'	N 14°55.0'	8.8'	59.0'
16	119°14.6'	60°51.0'	N 20°15.8'	332°18.0'	8.4'	N 14°46.2'	8.9'	59.0'
17	134°17.1'	75°50.9'	N 20°16.3'	346°45.4'	8.4'	N 14°37.3'	9.0'	59.0'
18	149°19.5'	90°50.9'	N 20°16.8'	1°12.8'	8.5'	N 14°28.3'	9.0'	59.0'
19	164°22.0'	105°50.8'	N 20°17.3'	15°40.3'	8.6'	N 14°19.3'	9.1'	58.9'
20	179°24.5'	120°50.8'	N 20°17.8'	30°07.9'	8.7'	N 14°10.1'	9.2'	58.9'
21	194°26.9'	135°50.7'	N 20°18.3'	44°35.6'	8.7'	N 14°00.9'	9.3'	58.9'
22	209°29.4'	150°50.7'	N 20°18.8'	59°03.3'	8.8'	N 13°51.7'	9.3'	58.9'
23	224°31.8'	165°50.6'	N 20°19.3'	73°31.1'	8.9'	N 13°42.3'	9.4'	58.9'

Tue May 22, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.5' SD = 15.8'		SD = 16.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	239°34.3'	180°50.6'	N 20°19.8'	87°59.0'	9.0'	N 13°32.9'	9.5'	58.8'
1	254°36.8'	195°50.6'	N 20°20.3'	102°26.9'	9.0'	N 13°23.4'	9.6'	58.8'
2	269°39.2'	210°50.5'	N 20°20.7'	116°55.0'	9.1'	N 13°13.8'	9.6'	58.8'
3	284°41.7'	225°50.5'	N 20°21.2'	131°23.1'	9.2'	N 13°04.2'	9.7'	58.8'
4	299°44.2'	240°50.4'	N 20°21.7'	145°51.2'	9.2'	N 12°54.5'	9.8'	58.7'
5	314°46.6'	255°50.4'	N 20°22.2'	160°19.5'	9.3'	N 12°44.7'	9.8'	58.7'
6	329°49.1'	270°50.3'	N 20°22.7'	174°47.8'	9.4'	N 12°34.9'	9.9'	58.7'
7	344°51.6'	285°50.3'	N 20°23.2'	189°16.2'	9.5'	N 12°25.0'	10.0'	58.7'
8	359°54.0'	300°50.2'	N 20°23.7'	203°44.6'	9.5'	N 12°15.1'	10.0'	58.6'
9	14°56.5'	315°50.2'	N 20°24.2'	218°13.1'	9.6'	N 12°05.0'	10.1'	58.6'
10	29°59.0'	330°50.1'	N 20°24.7'	232°41.7'	9.7'	N 11°54.9'	10.1'	58.6'
11	45°01.4'	345°50.1'	N 20°25.2'	247°10.4'	9.7'	N 11°44.8'	10.2'	58.6'
12	60°03.9'	0°50.0'	N 20°25.7'	261°39.1'	9.8'	N 11°34.6'	10.3'	58.5'
13	75°06.3'	15°50.0'	N 20°26.2'	276°07.9'	9.9'	N 11°24.3'	10.3'	58.5'
14	90°08.8'	30°49.9'	N 20°26.6'	290°36.8'	9.9'	N 11°14.0'	10.4'	58.5'
15	105°11.3'	45°49.9'	N 20°27.1'	305°05.7'	10.0'	N 11°03.7'	10.4'	58.5'
16	120°13.7'	60°49.9'	N 20°27.6'	319°34.7'	10.1'	N 10°53.3'	10.5'	58.5'
17	135°16.2'	75°49.8'	N 20°28.1'	334°03.8'	10.1'	N 10°42.8'	10.5'	58.4'
18	150°18.7'	90°49.8'	N 20°28.6'	348°32.9'	10.2'	N 10°32.3'	10.6'	58.4'
19	165°21.1'	105°49.7'	N 20°29.1'	3°02.1'	10.3'	N 10°21.7'	10.6'	58.4'
20	180°23.6'	120°49.7'	N 20°29.6'	17°31.4'	10.3'	N 10°11.1'	10.7'	58.4'
21	195°26.1'	135°49.6'	N 20°30.1'	32°00.7'	10.4'	N 10°00.4'	10.7'	58.3'
22	210°28.5'	150°49.6'	N 20°30.5'	46°30.1'	10.4'	N 9°49.7'	10.8'	58.3'
23	225°31.0'	165°49.5'	N 20°31.0'	60°59.5'	10.5'	N 9°38.9'	10.8'	58.3'

Wed May 23, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.5' SD = 15.8'		SD = 15.8'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	240°33.5'	180°49.5'	N 20°31.5'	75°29.0'	10.6'	N 9°28.1'	10.8'	58.3'
1	255°35.9'	195°49.4'	N 20°32.0'	89°58.6'	10.6'	N 9°17.3'	10.9'	58.2'
2	270°38.4'	210°49.4'	N 20°32.5'	104°28.2'	10.7'	N 9°06.4'	10.9'	58.2'
3	285°40.8'	225°49.3'	N 20°32.9'	118°57.9'	10.7'	N 8°55.5'	11.0'	58.2'
4	300°43.3'	240°49.3'	N 20°33.4'	133°27.7'	10.8'	N 8°44.5'	11.0'	58.2'
5	315°45.8'	255°49.2'	N 20°33.9'	147°57.5'	10.9'	N 8°33.5'	11.0'	58.1'
6	330°48.2'	270°49.2'	N 20°34.4'	162°27.3'	10.9'	N 8°22.5'	11.1'	58.1'
7	345°50.7'	285°49.1'	N 20°34.9'	176°57.3'	11.0'	N 8°11.4'	11.1'	58.1'
8	0°53.2'	300°49.0'	N 20°35.3'	191°27.2'	11.0'	N 8°00.3'	11.1'	58.1'
9	15°55.6'	315°49.0'	N 20°35.8'	205°57.3'	11.1'	N 7°49.1'	11.2'	58.0'
10	30°58.1'	330°48.9'	N 20°36.3'	220°27.4'	11.1'	N 7°37.9'	11.2'	58.0'
11	46°00.6'	345°48.9'	N 20°36.8'	234°57.5'	11.2'	N 7°26.7'	11.2'	58.0'
12	61°03.0'	0°48.8'	N 20°37.2'	249°27.7'	11.2'	N 7°15.5'	11.3'	58.0'
13	76°05.5'	15°48.8'	N 20°37.7'	263°57.9'	11.3'	N 7°04.2'	11.3'	57.9'
14	91°07.9'	30°48.7'	N 20°38.2'	278°28.2'	11.3'	N 6°52.9'	11.3'	57.9'
15	106°10.4'	45°48.7'	N 20°38.7'	292°58.6'	11.4'	N 6°41.6'	11.3'	57.9'
16	121°12.9'	60°48.6'	N 20°39.1'	307°29.0'	11.4'	N 6°30.3'	11.4'	57.9'
17	136°15.3'	75°48.6'	N 20°39.6'	321°59.4'	11.5'	N 6°18.9'	11.4'	57.9'
18	151°17.8'	90°48.5'	N 20°40.1'	336°29.9'	11.5'	N 6°07.5'	11.4'	57.8'
19	166°20.3'	105°48.5'	N 20°40.5'	351°00.4'	11.6'	N 5°56.1'	11.4'	57.8'
20	181°22.7'	120°48.4'	N 20°41.0'	5°31.0'	11.6'	N 5°44.6'	11.5'	57.8'
21	196°25.2'	135°48.4'	N 20°41.5'	20°01.7'	11.7'	N 5°33.2'	11.5'	57.8'
22	211°27.7'	150°48.3'	N 20°42.0'	34°32.3'	11.7'	N 5°21.7'	11.5'	57.7'
23	226°30.1'	165°48.2'	N 20°42.4'	49°03.1'	11.8'	N 5°10.2'	11.5'	57.7'

Thu May 24, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.5' SD = 15.8'		SD = 15.7'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	241°32.6'	180°48.2'	N 20°42.9'	63°33.8'	11.8'	N 4°58.6'	11.5'	57.7'
1	256°35.1'	195°48.1'	N 20°43.4'	78°04.6'	11.9'	N 4°47.1'	11.6'	57.7'
2	271°37.5'	210°48.1'	N 20°43.8'	92°35.5'	11.9'	N 4°35.6'	11.6'	57.6'
3	286°40.0'	225°48.0'	N 20°44.3'	107°06.4'	11.9'	N 4°24.0'	11.6'	57.6'
4	301°42.4'	240°48.0'	N 20°44.8'	121°37.3'	12.0'	N 4°12.4'	11.6'	57.6'
5	316°44.9'	255°47.9'	N 20°45.2'	136°08.3'	12.0'	N 4°00.8'	11.6'	57.6'
6	331°47.4'	270°47.8'	N 20°45.7'	150°39.3'	12.0'	N 3°49.2'	11.6'	57.5'
7	346°49.8'	285°47.8'	N 20°46.1'	165°10.3'	12.1'	N 3°37.6'	11.6'	57.5'
8	1°52.3'	300°47.7'	N 20°46.6'	179°41.4'	12.1'	N 3°26.0'	11.6'	57.5'
9	16°54.8'	315°47.7'	N 20°47.1'	194°12.6'	12.2'	N 3°14.3'	11.6'	57.5'
10	31°57.2'	330°47.6'	N 20°47.5'	208°43.7'	12.2'	N 3°02.7'	11.6'	57.5'
11	46°59.7'	345°47.6'	N 20°48.0'	223°14.9'	12.2'	N 2°51.1'	11.7'	57.4'
12	62°02.2'	0°47.5'	N 20°48.4'	237°46.1'	12.3'	N 2°39.4'	11.7'	57.4'
13	77°04.6'	15°47.4'	N 20°48.9'	252°17.4'	12.3'	N 2°27.8'	11.7'	57.4'
14	92°07.1'	30°47.4'	N 20°49.4'	266°48.7'	12.3'	N 2°16.1'	11.7'	57.4'
15	107°09.6'	45°47.3'	N 20°49.8'	281°20.0'	12.4'	N 2°04.4'	11.7'	57.3'
16	122°12.0'	60°47.3'	N 20°50.3'	295°51.4'	12.4'	N 1°52.8'	11.7'	57.3'
17	137°14.5'	75°47.2'	N 20°50.7'	310°22.8'	12.4'	N 1°41.1'	11.7'	57.3'
18	152°16.9'	90°47.2'	N 20°51.2'	324°54.2'	12.4'	N 1°29.4'	11.7'	57.3'
19	167°19.4'	105°47.1'	N 20°51.7'	339°25.6'	12.5'	N 1°17.8'	11.7'	57.2'
20	182°21.9'	120°47.0'	N 20°52.1'	353°57.1'	12.5'	N 1°06.1'	11.7'	57.2'
21	197°24.3'	135°47.0'	N 20°52.6'	8°28.6'	12.5'	N 0°54.5'	11.7'	57.2'
22	212°26.8'	150°46.9'	N 20°53.0'	23°00.1'	12.5'	N 0°42.8'	11.7'	57.2'
23	227°29.3'	165°46.9'	N 20°53.5'	37°31.7'	12.6'	N 0°31.1'	11.6'	57.2'

Fri May 25, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.4' SD = 15.8'		SD = 15.5'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	242°31.7'	180°46.8'	N 20°53.9'	52°03.2'	12.6'	N 0°19.5'	11.6'	57.1'
1	257°34.2'	195°46.7'	N 20°54.4'	66°34.8'	12.6'	N 0°07.9'	11.6'	57.1'
2	272°36.7'	210°46.7'	N 20°54.8'	81°06.5'	12.6'	S 0°03.8'	11.6'	57.1'
3	287°39.1'	225°46.6'	N 20°55.3'	95°38.1'	12.7'	S 0°15.4'	11.6'	57.1'
4	302°41.6'	240°46.5'	N 20°55.7'	110°09.8'	12.7'	S 0°27.0'	11.6'	57.0'
5	317°44.0'	255°46.5'	N 20°56.2'	124°41.5'	12.7'	S 0°38.6'	11.6'	57.0'
6	332°46.5'	270°46.4'	N 20°56.6'	139°13.2'	12.7'	S 0°50.2'	11.6'	57.0'
7	347°49.0'	285°46.4'	N 20°57.1'	153°44.9'	12.7'	S 1°01.8'	11.6'	57.0'
8	2°51.4'	300°46.3'	N 20°57.5'	168°16.6'	12.8'	S 1°13.3'	11.6'	56.9'
9	17°53.9'	315°46.2'	N 20°58.0'	182°48.4'	12.8'	S 1°24.9'	11.5'	56.9'
10	32°56.4'	330°46.2'	N 20°58.4'	197°20.2'	12.8'	S 1°36.4'	11.5'	56.9'
11	47°58.8'	345°46.1'	N 20°58.9'	211°52.0'	12.8'	S 1°47.9'	11.5'	56.9'
12	63°01.3'	0°46.1'	N 20°59.3'	226°23.8'	12.8'	S 1°59.5'	11.5'	56.9'
13	78°03.8'	15°46.0'	N 20°59.7'	240°55.6'	12.8'	S 2°10.9'	11.5'	56.8'
14	93°06.2'	30°45.9'	N 21°00.2'	255°27.4'	12.9'	S 2°22.4'	11.5'	56.8'
15	108°08.7'	45°45.9'	N 21°00.6'	269°59.3'	12.9'	S 2°33.9'	11.4'	56.8'
16	123°11.2'	60°45.8'	N 21°01.1'	284°31.1'	12.9'	S 2°45.3'	11.4'	56.8'
17	138°13.6'	75°45.7'	N 21°01.5'	299°03.0'	12.9'	S 2°56.7'	11.4'	56.7'
18	153°16.1'	90°45.7'	N 21°02.0'	313°34.9'	12.9'	S 3°08.1'	11.4'	56.7'
19	168°18.5'	105°45.6'	N 21°02.4'	328°06.8'	12.9'	S 3°19.5'	11.3'	56.7'
20	183°21.0'	120°45.5'	N 21°02.8'	342°38.7'	12.9'	S 3°30.8'	11.3'	56.7'
21	198°23.5'	135°45.5'	N 21°03.3'	357°10.6'	12.9'	S 3°42.1'	11.3'	56.7'
22	213°25.9'	150°45.4'	N 21°03.7'	11°42.5'	12.9'	S 3°53.4'	11.3'	56.6'
23	228°28.4'	165°45.3'	N 21°04.2'	26°14.5'	12.9'	S 4°04.7'	11.2'	56.6'

Sat May 26, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.4' SD = 15.8'		SD = 15.4'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	243°30.9'	180°45.3'	N 21°04.6'	40°46.4'	12.9'	S 4°15.9'	11.2'	56.6'
1	258°33.3'	195°45.2'	N 21°05.0'	55°18.4'	12.9'	S 4°27.1'	11.2'	56.6'
2	273°35.8'	210°45.1'	N 21°05.5'	69°50.3'	13.0'	S 4°38.3'	11.2'	56.6'
3	288°38.3'	225°45.1'	N 21°05.9'	84°22.3'	13.0'	S 4°49.5'	11.1'	56.5'
4	303°40.7'	240°45.0'	N 21°06.3'	98°54.2'	13.0'	S 5°00.6'	11.1'	56.5'
5	318°43.2'	255°45.0'	N 21°06.8'	113°26.2'	13.0'	S 5°11.7'	11.1'	56.5'
6	333°45.6'	270°44.9'	N 21°07.2'	127°58.1'	13.0'	S 5°22.7'	11.0'	56.5'
7	348°48.1'	285°44.8'	N 21°07.6'	142°30.1'	13.0'	S 5°33.8'	11.0'	56.4'
8	3°50.6'	300°44.8'	N 21°08.1'	157°02.1'	13.0'	S 5°44.8'	11.0'	56.4'
9	18°53.0'	315°44.7'	N 21°08.5'	171°34.0'	13.0'	S 5°55.7'	10.9'	56.4'
10	33°55.5'	330°44.6'	N 21°08.9'	186°06.0'	13.0'	S 6°06.7'	10.9'	56.4'
11	48°58.0'	345°44.5'	N 21°09.4'	200°38.0'	13.0'	S 6°17.6'	10.9'	56.4'
12	64°00.4'	0°44.5'	N 21°09.8'	215°10.0'	13.0'	S 6°28.4'	10.8'	56.3'
13	79°02.9'	15°44.4'	N 21°10.2'	229°41.9'	13.0'	S 6°39.2'	10.8'	56.3'
14	94°05.4'	30°44.3'	N 21°10.6'	244°13.9'	13.0'	S 6°50.0'	10.7'	56.3'
15	109°07.8'	45°44.3'	N 21°11.1'	258°45.9'	13.0'	S 7°00.7'	10.7'	56.3'
16	124°10.3'	60°44.2'	N 21°11.5'	273°17.8'	13.0'	S 7°11.5'	10.7'	56.3'
17	139°12.8'	75°44.1'	N 21°11.9'	287°49.8'	13.0'	S 7°22.1'	10.6'	56.2'
18	154°15.2'	90°44.1'	N 21°12.4'	302°21.7'	12.9'	S 7°32.7'	10.6'	56.2'
19	169°17.7'	105°44.0'	N 21°12.8'	316°53.7'	12.9'	S 7°43.3'	10.5'	56.2'
20	184°20.1'	120°43.9'	N 21°13.2'	331°25.6'	12.9'	S 7°53.8'	10.5'	56.2'
21	199°22.6'	135°43.9'	N 21°13.6'	345°57.6'	12.9'	S 8°04.3'	10.4'	56.2'
22	214°25.1'	150°43.8'	N 21°14.0'	0°29.5'	12.9'	S 8°14.8'	10.4'	56.1'
23	229°27.5'	165°43.7'	N 21°14.5'	15°01.4'	12.9'	S 8°25.2'	10.4'	56.1'

Sun May 27, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.4' SD = 15.8'		SD = 15.2'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	244°30.0'	180°43.6'	N 21°14.9'	29°33.3'	12.9'	S 8°35.5'	10.3'	56.1'
1	259°32.5'	195°43.6'	N 21°15.3'	44°05.3'	12.9'	S 8°45.9'	10.3'	56.1'
2	274°34.9'	210°43.5'	N 21°15.7'	58°37.2'	12.9'	S 8°56.1'	10.2'	56.1'
3	289°37.4'	225°43.4'	N 21°16.2'	73°09.1'	12.9'	S 9°06.3'	10.2'	56.0'
4	304°39.9'	240°43.4'	N 21°16.6'	87°40.9'	12.9'	S 9°16.5'	10.1'	56.0'
5	319°42.3'	255°43.3'	N 21°17.0'	102°12.8'	12.9'	S 9°26.6'	10.1'	56.0'
6	334°44.8'	270°43.2'	N 21°17.4'	116°44.7'	12.9'	S 9°36.7'	10.0'	56.0'
7	349°47.3'	285°43.2'	N 21°17.8'	131°16.5'	12.8'	S 9°46.7'	10.0'	56.0'
8	4°49.7'	300°43.1'	N 21°18.2'	145°48.4'	12.8'	S 9°56.7'	9.9'	55.9'
9	19°52.2'	315°43.0'	N 21°18.7'	160°20.2'	12.8'	S 10°06.6'	9.9'	55.9'
10	34°54.6'	330°42.9'	N 21°19.1'	174°52.0'	12.8'	S 10°16.4'	9.8'	55.9'
11	49°57.1'	345°42.9'	N 21°19.5'	189°23.9'	12.8'	S 10°26.2'	9.7'	55.9'
12	64°59.6'	0°42.8'	N 21°19.9'	203°55.7'	12.8'	S 10°36.0'	9.7'	55.9'
13	80°02.0'	15°42.7'	N 21°20.3'	218°27.4'	12.8'	S 10°45.7'	9.6'	55.8'
14	95°04.5'	30°42.6'	N 21°20.7'	232°59.2'	12.8'	S 10°55.3'	9.6'	55.8'
15	110°07.0'	45°42.6'	N 21°21.1'	247°31.0'	12.7'	S 11°04.9'	9.5'	55.8'
16	125°09.4'	60°42.5'	N 21°21.6'	262°02.7'	12.7'	S 11°14.4'	9.5'	55.8'
17	140°11.9'	75°42.4'	N 21°22.0'	276°34.5'	12.7'	S 11°23.9'	9.4'	55.8'
18	155°14.4'	90°42.3'	N 21°22.4'	291°06.2'	12.7'	S 11°33.3'	9.3'	55.7'
19	170°16.8'	105°42.3'	N 21°22.8'	305°37.9'	12.7'	S 11°42.6'	9.3'	55.7'
20	185°19.3'	120°42.2'	N 21°23.2'	320°09.6'	12.7'	S 11°51.9'	9.2'	55.7'
21	200°21.7'	135°42.1'	N 21°23.6'	334°41.2'	12.7'	S 12°01.1'	9.2'	55.7'
22	215°24.2'	150°42.1'	N 21°24.0'	349°12.9'	12.6'	S 12°10.3'	9.1'	55.7'
23	230°26.7'	165°42.0'	N 21°24.4'	3°44.5'	12.6'	S 12°19.4'	9.0'	55.6'

Mon May 28, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.4' SD = 15.8'		SD = 15.1'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	245°29.1'	180°41.9'	N 21°24.8'	18°16.2'	12.6'	S 12°28.4'	9.0'	55.6'
1	260°31.6'	195°41.8'	N 21°25.2'	32°47.8'	12.6'	S 12°37.4'	8.9'	55.6'
2	275°34.1'	210°41.8'	N 21°25.6'	47°19.4'	12.6'	S 12°46.3'	8.8'	55.6'
3	290°36.5'	225°41.7'	N 21°26.0'	61°50.9'	12.6'	S 12°55.2'	8.8'	55.6'
4	305°39.0'	240°41.6'	N 21°26.5'	76°22.5'	12.5'	S 13°04.0'	8.7'	55.5'
5	320°41.5'	255°41.5'	N 21°26.9'	90°54.0'	12.5'	S 13°12.7'	8.6'	55.5'
6	335°43.9'	270°41.4'	N 21°27.3'	105°25.6'	12.5'	S 13°21.3'	8.6'	55.5'
7	350°46.4'	285°41.4'	N 21°27.7'	119°57.1'	12.5'	S 13°29.9'	8.5'	55.5'
8	5°48.9'	300°41.3'	N 21°28.1'	134°28.6'	12.5'	S 13°38.4'	8.4'	55.5'
9	20°51.3'	315°41.2'	N 21°28.5'	149°00.0'	12.5'	S 13°46.8'	8.4'	55.5'
10	35°53.8'	330°41.1'	N 21°28.9'	163°31.5'	12.4'	S 13°55.2'	8.3'	55.4'
11	50°56.2'	345°41.1'	N 21°29.3'	178°02.9'	12.4'	S 14°03.5'	8.2'	55.4'
12	65°58.7'	0°41.0'	N 21°29.7'	192°34.3'	12.4'	S 14°11.8'	8.2'	55.4'
13	81°01.2'	15°40.9'	N 21°30.1'	207°05.7'	12.4'	S 14°19.9'	8.1'	55.4'
14	96°03.6'	30°40.8'	N 21°30.5'	221°37.1'	12.4'	S 14°28.0'	8.0'	55.4'
15	111°06.1'	45°40.8'	N 21°30.9'	236°08.5'	12.3'	S 14°36.0'	7.9'	55.3'
16	126°08.6'	60°40.7'	N 21°31.2'	250°39.8'	12.3'	S 14°44.0'	7.9'	55.3'
17	141°11.0'	75°40.6'	N 21°31.6'	265°11.1'	12.3'	S 14°51.8'	7.8'	55.3'
18	156°13.5'	90°40.5'	N 21°32.0'	279°42.5'	12.3'	S 14°59.6'	7.7'	55.3'
19	171°16.0'	105°40.4'	N 21°32.4'	294°13.7'	12.3'	S 15°07.3'	7.6'	55.3'
20	186°18.4'	120°40.4'	N 21°32.8'	308°45.0'	12.2'	S 15°15.0'	7.6'	55.3'
21	201°20.9'	135°40.3'	N 21°33.2'	323°16.3'	12.2'	S 15°22.6'	7.5'	55.2'
22	216°23.4'	150°40.2'	N 21°33.6'	337°47.5'	12.2'	S 15°30.0'	7.4'	55.2'
23	231°25.8'	165°40.1'	N 21°34.0'	352°18.7'	12.2'	S 15°37.5'	7.3'	55.2'

Tue May 29, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.4' SD = 15.8'		SD = 15.0'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	246°28.3'	180°40.0'	N 21°34.4'	6°49.9'	12.2'	S 15°44.8'	7.3'	55.2'
1	261°30.7'	195°40.0'	N 21°34.8'	21°21.1'	12.2'	S 15°52.0'	7.2'	55.2'
2	276°33.2'	210°39.9'	N 21°35.2'	35°52.2'	12.1'	S 15°59.2'	7.1'	55.2'
3	291°35.7'	225°39.8'	N 21°35.6'	50°23.4'	12.1'	S 16°06.3'	7.0'	55.1'
4	306°38.1'	240°39.7'	N 21°36.0'	64°54.5'	12.1'	S 16°13.3'	6.9'	55.1'
5	321°40.6'	255°39.6'	N 21°36.3'	79°25.6'	12.1'	S 16°20.3'	6.9'	55.1'
6	336°43.1'	270°39.6'	N 21°36.7'	93°56.7'	12.1'	S 16°27.1'	6.8'	55.1'
7	351°45.5'	285°39.5'	N 21°37.1'	108°27.7'	12.0'	S 16°33.9'	6.7'	55.1'
8	6°48.0'	300°39.4'	N 21°37.5'	122°58.8'	12.0'	S 16°40.6'	6.6'	55.1'
9	21°50.5'	315°39.3'	N 21°37.9'	137°29.8'	12.0'	S 16°47.2'	6.5'	55.0'
10	36°52.9'	330°39.2'	N 21°38.3'	152°00.8'	12.0'	S 16°53.8'	6.4'	55.0'
11	51°55.4'	345°39.2'	N 21°38.7'	166°31.8'	12.0'	S 17°00.2'	6.4'	55.0'
12	66°57.9'	0°39.1'	N 21°39.0'	181°02.8'	12.0'	S 17°06.6'	6.3'	55.0'
13	82°00.3'	15°39.0'	N 21°39.4'	195°33.7'	11.9'	S 17°12.8'	6.2'	55.0'
14	97°02.8'	30°38.9'	N 21°39.8'	210°04.7'	11.9'	S 17°19.0'	6.1'	55.0'
15	112°05.2'	45°38.8'	N 21°40.2'	224°35.6'	11.9'	S 17°25.1'	6.0'	55.0'
16	127°07.7'	60°38.7'	N 21°40.6'	239°06.5'	11.9'	S 17°31.2'	5.9'	54.9'
17	142°10.2'	75°38.7'	N 21°40.9'	253°37.4'	11.9'	S 17°37.1'	5.8'	54.9'
18	157°12.6'	90°38.6'	N 21°41.3'	268°08.3'	11.9'	S 17°42.9'	5.8'	54.9'
19	172°15.1'	105°38.5'	N 21°41.7'	282°39.1'	11.8'	S 17°48.7'	5.7'	54.9'
20	187°17.6'	120°38.4'	N 21°42.1'	297°10.0'	11.8'	S 17°54.4'	5.6'	54.9'
21	202°20.0'	135°38.3'	N 21°42.5'	311°40.8'	11.8'	S 17°60.0'	5.5'	54.9'
22	217°22.5'	150°38.2'	N 21°42.8'	326°11.6'	11.8'	S 18°05.5'	5.4'	54.8'
23	232°25.0'	165°38.2'	N 21°43.2'	340°42.4'	11.8'	S 18°10.9'	5.3'	54.8'

Wed May 30, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.4' SD = 15.8'		SD = 14.9'				
	GHA	GHA	dec	GHA	v	dec	d	HP
0	247°27.4'	180°38.1'	N 21°43.6'	355°13.2'	11.8'	S 18°16.2'	5.2'	54.8'
1	262°29.9'	195°38.0'	N 21°44.0'	9°43.9'	11.7'	S 18°21.4'	5.1'	54.8'
2	277°32.3'	210°37.9'	N 21°44.3'	24°14.7'	11.7'	S 18°26.6'	5.1'	54.8'
3	292°34.8'	225°37.8'	N 21°44.7'	38°45.4'	11.7'	S 18°31.6'	5.0'	54.8'
4	307°37.3'	240°37.7'	N 21°45.1'	53°16.1'	11.7'	S 18°36.6'	4.9'	54.8'
5	322°39.7'	255°37.6'	N 21°45.5'	67°46.9'	11.7'	S 18°41.4'	4.8'	54.7'
6	337°42.2'	270°37.6'	N 21°45.8'	82°17.5'	11.7'	S 18°46.2'	4.7'	54.7'
7	352°44.7'	285°37.5'	N 21°46.2'	96°48.2'	11.7'	S 18°50.9'	4.6'	54.7'
8	7°47.1'	300°37.4'	N 21°46.6'	111°18.9'	11.7'	S 18°55.5'	4.5'	54.7'
9	22°49.6'	315°37.3'	N 21°46.9'	125°49.6'	11.6'	S 19°00.0'	4.4'	54.7'
10	37°52.1'	330°37.2'	N 21°47.3'	140°20.2'	11.6'	S 19°04.4'	4.3'	54.7'
11	52°54.5'	345°37.1'	N 21°47.7'	154°50.8'	11.6'	S 19°08.7'	4.2'	54.7'
12	67°57.0'	0°37.0'	N 21°48.0'	169°21.5'	11.6'	S 19°12.9'	4.1'	54.6'
13	82°59.5'	15°37.0'	N 21°48.4'	183°52.1'	11.6'	S 19°17.1'	4.0'	54.6'
14	98°01.9'	30°36.9'	N 21°48.8'	198°22.7'	11.6'	S 19°21.1'	3.9'	54.6'
15	113°04.4'	45°36.8'	N 21°49.1'	212°53.3'	11.6'	S 19°25.1'	3.8'	54.6'
16	128°06.8'	60°36.7'	N 21°49.5'	227°23.9'	11.6'	S 19°28.9'	3.8'	54.6'
17	143°09.3'	75°36.6'	N 21°49.9'	241°54.4'	11.6'	S 19°32.7'	3.7'	54.6'
18	158°11.8'	90°36.5'	N 21°50.2'	256°25.0'	11.6'	S 19°36.3'	3.6'	54.6'
19	173°14.2'	105°36.4'	N 21°50.6'	270°55.6'	11.6'	S 19°39.9'	3.5'	54.6'
20	188°16.7'	120°36.3'	N 21°51.0'	285°26.1'	11.5'	S 19°43.3'	3.4'	54.5'
21	203°19.2'	135°36.3'	N 21°51.3'	299°56.7'	11.5'	S 19°46.7'	3.3'	54.5'
22	218°21.6'	150°36.2'	N 21°51.7'	314°27.2'	11.5'	S 19°50.0'	3.2'	54.5'
23	233°24.1'	165°36.1'	N 21°52.0'	328°57.7'	11.5'	S 19°53.2'	3.1'	54.5'

Thu May 31, 2018 UTC

UTC	Aries	Sun		Moon				
	GHA	d = 0.4' SD = 15.8'		SD = 14.8'				
		GHA	dec	GHA	v	dec	d	HP
0	248°26.6'	180°36.0'	N 21°52.4'	343°28.3'	11.5'	S 19°56.3'	3.0'	54.5'
1	263°29.0'	195°35.9'	N 21°52.8'	357°58.8'	11.5'	S 19°59.2'	2.9'	54.5'
2	278°31.5'	210°35.8'	N 21°53.1'	12°29.3'	11.5'	S 20°02.1'	2.8'	54.5'
3	293°34.0'	225°35.7'	N 21°53.5'	26°59.8'	11.5'	S 20°04.9'	2.7'	54.5'
4	308°36.4'	240°35.6'	N 21°53.8'	41°30.3'	11.5'	S 20°07.6'	2.6'	54.5'
5	323°38.9'	255°35.5'	N 21°54.2'	56°00.8'	11.5'	S 20°10.2'	2.5'	54.4'
6	338°41.3'	270°35.5'	N 21°54.5'	70°31.3'	11.5'	S 20°12.7'	2.4'	54.4'
7	353°43.8'	285°35.4'	N 21°54.9'	85°01.8'	11.5'	S 20°15.2'	2.3'	54.4'
8	8°46.3'	300°35.3'	N 21°55.3'	99°32.3'	11.5'	S 20°17.5'	2.2'	54.4'
9	23°48.7'	315°35.2'	N 21°55.6'	114°02.8'	11.5'	S 20°19.7'	2.1'	54.4'
10	38°51.2'	330°35.1'	N 21°56.0'	128°33.3'	11.5'	S 20°21.8'	2.0'	54.4'
11	53°53.7'	345°35.0'	N 21°56.3'	143°03.8'	11.5'	S 20°23.8'	1.9'	54.4'
12	68°56.1'	0°34.9'	N 21°56.7'	157°34.3'	11.5'	S 20°25.7'	1.8'	54.4'
13	83°58.6'	15°34.8'	N 21°57.0'	172°04.8'	11.5'	S 20°27.6'	1.7'	54.4'
14	99°01.1'	30°34.7'	N 21°57.4'	186°35.3'	11.5'	S 20°29.3'	1.6'	54.3'
15	114°03.5'	45°34.6'	N 21°57.7'	201°05.8'	11.5'	S 20°30.9'	1.5'	54.3'
16	129°06.0'	60°34.5'	N 21°58.1'	215°36.3'	11.5'	S 20°32.4'	1.4'	54.3'
17	144°08.5'	75°34.5'	N 21°58.4'	230°06.8'	11.5'	S 20°33.9'	1.3'	54.3'
18	159°10.9'	90°34.4'	N 21°58.8'	244°37.3'	11.5'	S 20°35.2'	1.2'	54.3'
19	174°13.4'	105°34.3'	N 21°59.1'	259°07.8'	11.5'	S 20°36.4'	1.1'	54.3'
20	189°15.8'	120°34.2'	N 21°59.5'	273°38.4'	11.5'	S 20°37.6'	1.0'	54.3'
21	204°18.3'	135°34.1'	N 21°59.8'	288°08.9'	11.5'	S 20°38.6'	0.9'	54.3'
22	219°20.8'	150°34.0'	N 22°00.1'	302°39.4'	11.5'	S 20°39.6'	0.8'	54.3'
23	234°23.2'	165°33.9'	N 22°00.5'	317°09.9'	11.5'	S 20°40.4'	0.7'	54.3'