

Comet NEOWISE (C/2020 F3)

—Local Circumstances for Dodgeville WI—

Earliest Time Visible in a Dark Sky
At Least 10° Above the Horizon

Date	Time	Epoch of Date		Distance to		Constellation	Azimuth	Alt	Phase Angle
		RA	Dec	Earth	Sun				
F/S Jul 17/18	10:43 p.m.	8.43.31	+48.11.34	0.73 AU	0.52 AU	Ursa Major	329° (NNW)	+11°	107.9°
S/S Jul 18/19	10:42 p.m.	9.05.08	+48.04.53	0.71 AU	0.54 AU	Ursa Major	326° (NNW)	+13°	107.1°
S/M Jul 19/20	10:40 p.m.	9.27.01	+47.38.60	0.70 AU	0.57 AU	Ursa Major	323° (NW)	+14°	105.8°
M/T Jul 20/21	10:39 p.m.	9.48.43	+46.54.01	0.70 AU	0.59 AU	Ursa Major	320° (NW)	+16°	104.2°
T/W Jul 21/22	10:37 p.m.	10.09.48	+45.51.02	0.69 AU	0.61 AU	Ursa Major	317° (NW)	+17°	102.3°
W/T Jul 22/23	10:36 p.m.	10.29.56	+44.31.50	0.69 AU	0.63 AU	Ursa Major	314° (NW)	+19°	100.1°
T/F Jul 23/24	10:52 p.m.	10.49.05	+42.57.41	0.69 AU	0.65 AU	Ursa Major	313° (NW)	+18°	97.7°
F/S Jul 24/25	11:20 p.m.	11.06.60	+41.11.26	0.70 AU	0.68 AU	Ursa Major	313° (NW)	+14°	95.2°
S/S Jul 25/26	11:47 p.m.	11.23.26	+39.16.53	0.71 AU	0.70 AU	Ursa Major	314° (NW)	+11°	92.5°
F/S Aug 7/8	10:07 p.m.	13.19.16	+16.05.43	0.97 AU	0.98 AU	Coma Berenices	271° (W)	+23°	62.8°
S/S Aug 8/9	10:05 p.m.	13.23.58	+14.46.04	1.00 AU	1.00 AU	Coma Berenices	269° (W)	+22°	61.1°
S/M Aug 9/10	10:03 p.m.	13.28.21	+13.30.31	1.03 AU	1.02 AU	Virgo	268° (W)	+22°	59.5°
M/T Aug 10/11	10:01 p.m.	13.32.27	+12.18.52	1.06 AU	1.04 AU	Virgo	267° (W)	+22°	57.9°
T/W Aug 11/12	9:59 p.m.	13.36.18	+11.10.55	1.09 AU	1.06 AU	Bootes	265° (W)	+21°	56.4°
W/T Aug 12/13	9:57 p.m.	13.39.56	+10.06.25	1.12 AU	1.08 AU	Bootes	264° (W)	+21°	55.0°
T/F Aug 13/14	9:55 p.m.	13.43.20	+ 9.05.10	1.15 AU	1.10 AU	Bootes	263° (W)	+20°	53.6°
F/S Aug 14/15	9:53 p.m.	13.46.34	+ 8.06.59	1.18 AU	1.12 AU	Bootes	262° (W)	+20°	52.3°
S/S Aug 15/16	9:51 p.m.	13.49.38	+ 7.11.39	1.21 AU	1.14 AU	Virgo	261° (W)	+19°	51.1°
S/M Aug 16/17	9:48 p.m.	13.52.32	+ 6.19.01	1.24 AU	1.16 AU	Virgo	260° (W)	+19°	49.9°
M/T Aug 17/18	9:46 p.m.	13.55.19	+ 5.28.50	1.27 AU	1.18 AU	Virgo	260° (W)	+19°	48.7°
T/W Aug 18/19	9:44 p.m.	13.57.57	+ 4.40.60	1.30 AU	1.19 AU	Virgo	259° (W)	+18°	47.6°
W/T Aug 19/20	9:42 p.m.	14.00.29	+ 3.55.20	1.33 AU	1.21 AU	Virgo	258° (WSW)	+18°	46.5°
T/F Aug 20/21	9:40 p.m.	14.02.55	+ 3.11.44	1.37 AU	1.23 AU	Virgo	257° (WSW)	+18°	45.5°
F/S Aug 21/22	9:49 p.m.	14.05.16	+ 2.29.43	1.40 AU	1.25 AU	Virgo	259° (W)	+15°	44.5°

The phase angle is the Sun-Comet-Earth angle. A comet's tails are usually best presented when the phase angle is near 90°.