

Comet C/2020 F8 (SWAN)

Morning

Apparent altitude at morning twilight for 40°N-75°W

Twilight and moon phases (EDT) from the USNO's MICA 2.2.2 software; altitudes from SkySafari 6

| Date May 2020 | Morning Twilight Begins (am) | Comet Altitude | 30 min after Twilight Begins | Comet Altitude |
|--------------------|---------------------------------|-------------------|---------------------------------|-------------------|
| 10 | 4:01 | -2.3° | 4:31 | +2.8° |
| 11 | 4:00 | -1.2° | 4:30 | +3.8° |
| 12 | 3:58 | -0.3° | 4:28 | +4.7° |
| 13 | 3:57 | +0.8° | 4:27 | +5.6° |
| 14 – Third Quarter | 3:55 | +1.4° | 4:25 | +6.2° |
| 15 | 3:54 | +2.2° | 4:24 | +6.9° |
| 16 | 3:52 | +2.8° | 4:22 | +7.3° |
| 17 | 3:51 | +3.4° | 4:21 | +7.7° |
| 18 | 3:49 | +3.7° | 4:19 | +7.8° |
| 19 | 3:48 | +4.1° | 4:18 | +7.9° |
| 20 | 3:47 | +4.3° | 4:17 | +7.9° |
| 21 | 3:46 | +4.4° | 4:16 | +7.8° |
| 22 – New Moon | 3:44 | +4.2° | 4:14 | +7.4° |
| 23 | 3:43 | +4.1° | 4:13 | +7.2° |
| 24 | 3:42 | +3.9° | 4:12 | +6.8° |
| 25 | 3:41 | +3.6° | 4:11 | +6.4° |
| 26 | 3:40 | +3.3° | 4:10 | +5.9° |
| 27 – Perihelion | 3:39 | +2.9° | 4:09 | +5.4° |
| 28 | 3:38 | +2.5° | 4:08 | +4.9° |
| 29 – First Quarter | 3:37 | +2.0° | 4:07 | +4.3° |
| 30 | 3:36 | +1.5° | 4:06 | +3.8° |
| 31 | 3:35 | +1.0° | 4:05 | +3.2° |

Comet C/2020 F8 (SWAN)

Evening

Apparent altitude at evening twilight for 40°N-75°W

Twilight and moon phases (EDT) from the USNO's MICA 2.2.2 software; altitudes from SkySafari 6

| Date May/June 2020 | 30 min before Twilight Ends | Comet Altitude | Evening Twilight Ends | Comet Altitude |
|-----------------------|--------------------------------|-------------------|--------------------------|-------------------|
| 20 | 21:37 | +0.2° | 22:07 | -2.1° |
| 21 | 21:39 | +1.9° | 22:09 | -0.3° |
| 22 – New Moon | 21:40 | +3.6° | 22:10 | +1.1° |
| 23 | 21:41 | +5.0° | 22:11 | +2.4° |
| 24 | 21:43 | +6.1° | 22:13 | +3.4° |
| 25 | 21:44 | +7.0° | 22:14 | +4.3° |
| 26 | 21:45 | +7.8° | 22:15 | +4.9° |
| 27 – Perihelion | 21:47 | +8.2° | 22:17 | +5.3° |
| 28 | 21:48 | +8.5° | 22:18 | +5.6° |
| 29 – First Quarter | 21:49 | +8.7° | 22:19 | +5.7° |
| 30 | 21:50 | +8.7° | 22:20 | +5.7° |
| 31 | 21:51 | +8.6° | 22:21 | +5.5° |
| 1 | 21:53 | +8.3° | 22:23 | +5.2° |
| 2 | 21:54 | +8.0° | 22:24 | +4.9° |
| 3 | 21:55 | +7.6° | 22:25 | +4.5° |
| 4 | 21:56 | +7.1° | 22:26 | +4.0° |
| 5 – Full Moon | 21:57 | +6.6° | 22:27 | +3.5° |
| 6 | 21:58 | +6.1° | 22:28 | +3.0° |
| 7 | 21:59 | +5.5° | 22:29 | +2.4° |
| 8 | 22:00 | +4.9° | 22:30 | +1.8° |
| 9 | 22:01 | +4.2° | 22:31 | +1.2° |
| 10 | 22:02 | +3.5° | 22:32 | +0.6° |