

# Loon Lake Galaxy Photo Shoot

July 24, 2017 through July 26, 2017

## Night of Monday, July 24th

Sunset: 8:19 PM - Azimuth 296°

Blue Hour: 8:38 - 8:50 PM

Astronomical Twilight: 9:28 - 10:09 PM

Moonset: 9:25 PM - Azimuth: 287° Moon Phase: Waxing Crescent @ 1%

Galactic Core: Visibility starts 10:09 PM - Azimuth: 174° & Elevation: 22°

Galactic Core: Visibility @ 11:09 PM - Azimuth: 188° & Elevation: 22°

Moon Visibility @ 11:09 PM - Azimuth: 303° & Elevation: -18°

Milky Way: Visibility @ 11:09 PM - Azimuth: 108° & Max Elevation: 68°

Galactic Core: Visibility ends 2:50 AM - Azimuth: 232° & Elevation: 0°

## Night of Tuesday, July 25th

Sunset: 8:18 PM - Azimuth 296°

Blue Hour: 8:37 - 8:49 PM

Astronomical Twilight: 9:27 - 10:07 PM

Moonset: 10:04 PM - Azimuth: 281° Moon Phase: Waxing Crescent @ 5%

Galactic Core: Visibility starts 10:07 PM - Azimuth: 175° & Elevation: 22°

Galactic Core: Visibility @ 11:09 PM - Azimuth: 189° & Elevation: 22°

Moon Visibility @ 11:09 PM - Azimuth: 292° & Elevation: -13° - Crescent: 11%

Milky Way: Visibility @ 11:09 PM - Azimuth: 108° & Max Elevation: 68°

Galactic Core: Visibility ends 2:46 AM - Azimuth: 232° & Elevation: 0°

## Night of Wednesday, July 26th

Sunset: 8:17 PM - Azimuth 296°

Blue Hour: 8:36 - 8:48 PM

Astronomical Twilight: 9:26 - 10:06 PM

Moonset: 10:39 PM - Azimuth: 276° Moon Phase: Waxing Crescent @ 10%

Galactic Core: Visibility starts 10:06 PM - Azimuth: 175° & Elevation: 21°

Galactic Core: Visibility @ 11:09 PM - Azimuth: 190° & Elevation: 22°

Moon Visibility @ 11:09 PM - Azimuth: 280° & Elevation: -6° - Crescent: 18%

Milky Way: Visibility @ 11:09 PM - Azimuth: 108° & Max Elevation: 69°

Galactic Core: Visibility ends 2:42 AM - Azimuth: 232° & Elevation: 0°

# Loon Lake Galaxy Photo Shoot

August 21, 2017 through August 23, 2017

## Night of Monday, August 21st

Sunset: 7:47 PM - Azimuth 286°

Blue Hour: 8:04 - 8:15 PM

Astronomical Twilight: 8:49 - 9:25 PM

Moonset: 7:58 PM - Azimuth: 284° Moon Phase: Waxing Crescent @ 1%

Galactic Core: Visibility starts 9:25 PM - Azimuth: 190° & Elevation: 21°

Galactic Core: Visibility @ 10:25 PM - Azimuth: 203° & Elevation: 18°

Moon Visibility @ 10:25 PM - Azimuth: 309° & Elevation: -26° - Crescent 0.3%

Milky Way: Visibility @ 10:25 PM - Azimuth: 117° & Max Elevation: 80°

Galactic Core: Visibility ends 1:01 AM - Azimuth: 232° & Elevation: 0°

## Night of Tuesday, August 22nd

Sunset: 7:46 PM - Azimuth 285°

Blue Hour: 8:03 - 8:14 PM

Astronomical Twilight: 8:47 - 9:23 PM

Moonset: 8:34 PM - Azimuth: 278° Moon Phase: Waxing Crescent @ 3%

Galactic Core: Visibility starts 9:23 PM - Azimuth: 190° & Elevation: 21°

Galactic Core: Visibility @ 10:23 PM - Azimuth: 204° & Elevation: 18°

Moon Visibility @ 10:23 PM - Azimuth: 296° & Elevation: -20° - Crescent: 3%

Milky Way: Visibility @ 10:23 PM - Azimuth: 117° & Max Elevation: 80°

Galactic Core: Visibility ends 12:57 AM - Azimuth: 232° & Elevation: 0°

## Night of Wednesday, August 23rd

Sunset: 7:44 PM - Azimuth 285°

Blue Hour: 8:02 - 8:12 PM

Astronomical Twilight: 8:46 - 9:21 PM

Moonset: 9:08 PM - Azimuth: 273° Moon Phase: Waxing Crescent @ 7%

Galactic Core: Visibility starts 9:21 PM - Azimuth: 191° & Elevation: 21°

Galactic Core: Visibility @ 10:21 PM - Azimuth: 204° & Elevation: 18°

Moon Visibility @ 10:21 PM - Azimuth: 284° & Elevation: -14° - Crescent: 7%

Milky Way: Visibility @ 10:21 PM - Azimuth: 117° & Max Elevation: 80°

Galactic Core: Visibility ends 12:53 AM - Azimuth: 232° & Elevation: 0°