

JUNE 2017

Event Date	Description	Start Time	End Time (Approximate)
Saturday, June 3	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
Saturday, June 10	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
Saturday, June 17	<p>Saturn at Opposition</p> <p>Spectacular Saturn and its rings will be the highlight of the evening along with Jupiter, and the summer Milky Way. The rings of Saturn resemble a photograph through a telescope. We will also observe the Great Hercules Cluster, Whirlpool Galaxy, Wild Duck Cluster and the Ring Nebula. The bright glow of our own Milky Way galaxy will be rising in the southeast after sunset.</p> <p><i>Prominent constellations:</i> Ursa Major (the Great Bear), Boötes (the Herdsman), Scorpius (the Scorpion) Hercules (the Strong Man), Lyra (the Harp), Cygnus (the Swan)</p>	8:45pm	Midnight
Saturday, June 24	<p>Jupiter, Saturn and the Milky Way</p> <p>The summer Milky Way is rising on the southeastern horizon right after sunset. The Milky Way at this time of year is an easy target for photographers. We will tour a fine selection clusters and nebulae in Scorpius and Sagittarius including the Lagoon Nebula, Omega Nebula, Wild Duck Cluster and globular cluster M5. We will also observe two of the most impressive planets; Jupiter, and Saturn.</p> <p><i>Prominent constellations:</i> Scorpius (the Scorpion), Boötes (the Herdsman), Aquila (the Eagle), Sagittarius (the Archer), Cygnus (the Swan), Lyra (the Harp)</p>	8:45pm	Midnight

JULY 2017

Event Date	Description	Start Time	End Time (Approximate)
Saturday, July 1	<p style="text-align: center;">First Quarter Moon, Jupiter and Saturn</p> <p>A First Quarter crescent Moon is next to Jupiter in the southwest after sunset. Antares and Saturn highlight the region of sky between Sagittarius and Scorpius. Observe in detail the dramatic craters and mountains on the lunar surface, the rings of Saturn, and Jupiter with its moons. This fine trio of objects are among finest sights in the sky. Also visible is the orange and blue double star, Albireo.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Scorpius (the Scorpion), Ophiuchus (the Serpent Barer), Aquila (the Eagle), Sagittarius (the Archer), Cygnus (the Swan), Lyra (the Harp)</p>	8:45pm	Midnight
Saturday, July 8	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
Saturday, July 15	<p style="text-align: center;">Jupiter, Saturn and the Milky Way</p> <p>The bright summer Milky Way should be a beautiful sight as it rises above the eastern horizon. Numerous star clusters and nebulae are visible to naked eye and resolve into sparking jewels through a telescope. Best of these are the Lagoon Nebula, Trifid Nebula and Wild Duck Cluster. Saturn and its glorious rings will offer picturesque detail and Jupiter will show colorful cloud belts and four moons.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Scorpius (the Scorpion), Delphinus (the Dolphin), Aquila (the Eagle), Sagittarius (the Archer), Cygnus (the Swan), Lyra (the Harp)</p>	8:45pm	Midnight
Saturday, July 22	<p style="text-align: center;">Summer Stargazing</p> <p>Within the Summer triangle, lie some of the most splendid deep sky objects in the Milky Way, including rich open star clusters and oddly shaped planetary nebulae; most notably the Ring, and Dumbbell Nebulae. We will also observe some prominent dark nebulae that are dark clouds of dust and gas that absorb and the light from stars. Be sure to also catch a view of Jupiter and Saturn.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Scorpius (the Scorpion), Delphinus (the Dolphin), Aquila (the Eagle), Sagittarius (the Archer), Cygnus (the Swan), Lyra (the Harp)</p>	8:45pm	Midnight
Saturday, July 29	<p style="text-align: center;">First Quarter Moon, Jupiter and Saturn</p> <p>A First Quarter crescent Moon is next to Jupiter in the southwest after sunset. The orange-red star Antares and Saturn highlight the region of sky between Sagittarius and Scorpius. Observe in detail the dramatic craters and mountains on the lunar surface, the rings of Saturn, and Jupiter with its moons. Look to the east and see the Sumer Triangle made up of the stars; Vega, Deneb and Altair.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Scorpius (the Scorpion), Delphinus (the Dolphin), Aquila (the Eagle), Sagittarius (the Archer), Cygnus (the Swan), Lyra (the Harp)</p>	8:30pm	Midnight

AUGUST 2017

Event Date	Description	Start Time	End Time (Approximate)
Saturday, August 5	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
Saturday, August 12	<p align="center">The Summer Milky Way</p> <p>The planets will be the main attractions tonight, Jupiter will be setting early and Saturn will be visible all evening nestled between Sagittarius and Scorpius. Also look for the bright clouds of the center of Milky Way galaxy, many of the finest clusters and nebulae are in this region of the Milky Way including the Lagoon and Swan nebulae and the sparkling Butterfly and Wild Duck Clusters.</p> <p align="center"><i>Prominent constellations:</i> Scorpius (the Scorpion), Delphinus (the Dolphin), Aquila (the Eagle), Sagittarius (the Archer), Cygnus (the Swan), Lyra (the Harp)</p>	8:15pm	Midnight
Saturday, August 19	<p align="center">Hidden Treasures of the Night Sky</p> <p>This is a perfect time for summer star gazing in the desert; The Summer Triangle and Milky way dominate the view looking south. Magnificent Saturn will be visible; when observing Saturn, look for a gap within its rings called Cassini's Division. We will also observe these fine nebulae and star clusters; The Great Hercules Cluster, the Lagoon Nebula, Dumbbell and Ring Nebulae.</p> <p align="center"><i>Prominent constellations:</i> Scorpius (the Scorpion), Delphinus (the Dolphin), Aquila (the Eagle), Sagittarius (the Archer), Cygnus (the Swan), Lyra (the Harp)</p>	8:00pm	11:30pm
Saturday, August 26	<p align="center">Crescent Moon and Saturn</p> <p>A crescent Moon is low in south west at sunset. Saturn is positioned due south near the center of the Milky Way. We will observe the crescent Moon until it sets. Also visible will be several fine double stars including one of first to be discovered; Gamma Delphini, in the small constellation of the Dephinus "The Dolphin" A constellation that actually resembles its namesake.</p> <p align="center"><i>Prominent constellations:</i> Scorpius (the Scorpion), Delphinus (the Dolphin), Aquila (the Eagle), Sagittarius (the Archer), Cygnus (the Swan), Lyra (the Harp)</p>	8:00pm	11:30pm

SEPTEMBER 2017

Event Date	Description	Start Time	End Time (Approximate)
Saturday, September 2	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
Saturday, September 9	<p style="text-align: center;">Evening with the Cosmos</p> <p>We will take a grand tour of cosmos beginning with the ringed planet Saturn and it's many moons, followed by a selection of the finest deep sky highlights from the summer sky including the Lagoon and Swan Nebulae, the Wild Duck Cluster and ruby red carbon star V Aquilae. This time of year marks the return of the Great Andromeda Galaxy rising in the northeast sky late in the evening.</p> <p style="text-align: center;"><i>Prominent constellations:</i></p> <p style="text-align: center;">Sagittarius (the Archer), Delphinus (the Dolphin), Aquila (the Eagle), Cygnus (the Swan), Lyra (the Harp), Cassiopeia (the Seated Queen)</p>	7:45pm	10:30pm
Saturday, September 16	<p style="text-align: center;">The Summer Triangle and Saturn</p> <p>Celestial showpieces of all types are visible on this night; the Dumbbell and Ring Nebulae, Double Cluster, and Andromeda Galaxy are among the highlights. The vibrantly colored orange and blue double star Almach is nearby in Andromeda. The Milky Way and summer triangle can still be seen directly overhead west to east from. View Saturn and it's rings early in the evening</p> <p style="text-align: center;"><i>Prominent constellations:</i></p> <p style="text-align: center;">Sagittarius (the Archer), Aquila (the Eagle), Cygnus (the Swan), Lyra (the Harp), Pegasus (the Winged Horse), Cassiopeia (the Seated Queen)</p>	7:30pm	11:00pm
Saturday, September 23	<p style="text-align: center;">Deep Sky Highlights & Saturn</p> <p>Take a telescopic tour of the cosmos beginning with striking clusters and nebulae in the summer Milky Way. Catch a view of four planets; Saturn, Mars, Neptune and Uranus. Observe one of the largest red supergiant stars in the our galaxy, the deep orange colored Garnet Star. Later on, the Great Andromeda Galaxy and Double Cluster which will both be visible to the naked eye .</p> <p style="text-align: center;"><i>Prominent constellations:</i></p> <p style="text-align: center;">Sagittarius (the Archer), Aquila (the Eagle), Cygnus (the Swan), Lyra (the Harp), Pegasus (the Winged Horse), Cassiopeia (the Seated Queen)</p>	7:30pm	11:00pm
Saturday, September 30	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **

OCTOBER 2017

Event Date	Description	Start Time	End Time (Approximate)
Saturday, October 7	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
Saturday, October 14	<p style="text-align: center;">Celestial Harvest</p> <p>The heart of the summer Milky Way and Saturn are now on their downward turn toward the horizon so use this opportunity to get a good look at the summer showpieces. We will also observe the faint icy outer planets Neptune and Uranus for some of the best views of the year. Through our telescopes, Uranus and Neptune appear as small blue-green disks.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Aquila (the Eagle), Cygnus (the Swan), Delphinus (the Dolphin), Lyra (the Harp), Pegasus (the Winged Horse), Cassiopeia (the Seated Queen)</p>	7:00pm	11:00pm
Saturday, October 21	<p style="text-align: center;">Sidewalk Astronomy</p> <p>A tour of the best cosmic wonders in the fall sky including the Ring Nebula, Andromeda Galaxy and Owl Cluster. Also visible are the outer planets Uranus and Neptune, as well as the ringed planet Saturn in the evening. The ghostly Veil and Helix Nebulae are clouds of gas and dust that are remains of stars. Theses faint objects come to life with larger telescopes at the observatory.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Aquila (the Eagle), Cygnus (the Swan), Pegasus (the Winged Horse), Lyra (the Harp), Cassiopeia (the Seated Queen), Andromeda (the Princess)</p>	6:45pm	10:30pm
Saturday, October 28	<p style="text-align: center;">Deep Sky Highlights</p> <p>A tour of the best cosmic wonders in the early winter sky including two remarkable galaxies in the constellations of Andromeda and Sculptor, the Double Cluster in Perseus, the Owl Cluster in Cassiopeia and the well known Pleiades star cluster in Taurus. Also visible are Uranus, Neptune, and the dazzling multi-colored double star, Almach in the constellation Andromeda.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Aquila (the Eagle), Cygnus (the Swan), Pegasus (the Winged Horse), Lyra (the Harp), Cassiopeia (the Seated Queen), Andromeda (the Princess)</p>	5:30pm	9:00pm

NOVEMBER 2017

Event Date	Description	Start Time	End Time (Approximate)
Saturday, November 4	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
<p>** NIGHT SKY FESTIVAL ** FRIDAY, November 10</p>	<p>Joshua Tree National Park Night Sky Festival - NIGHT ONE Sky's the Limit is proud to be part of the 3rd annual Joshua Tree National Park Night Sky Festival. Several telescopes will be set up observing an array of fascinating objects in the night sky. Observe star clusters and nebulae in the Milky Way and our nearest galactic neighbor, the Andromeda Galaxy. We will also observe the colorful orange and blue double star Albireo in Cygnus. <i>Prominent constellations:</i> Cygnus (the Swan), Delphinus (the Dolphin), Pegasus (the Winged Horse), Lyra (the Harp), Cassiopeia (the Seated Queen), Andromeda (the Princess)</p>	5:30pm	9:00pm
<p>** NIGHT SKY FESTIVAL ** Saturday, November 11</p>	<p>Joshua Tree National Park Night Sky Festival - NIGHT TWO Night two of the JTNP Night Sky Festival will be a milestone event at Sky's the Limit. Several telescopes will be set up observing an array of fascinating objects in the night sky. Observe the intriguing stellar remnants, the Ring and Dumbbell nebulae and the sparking Double Cluster in Perseus. Also well placed for viewing will be the Pleiades star cluster and Andromeda Galaxy. <i>Prominent constellations:</i> Cygnus (the Swan), Delphinus (the Dolphin), Pegasus (the Winged Horse), Lyra (the Harp), Cassiopeia (the Seated Queen), Andromeda (the Princess)</p>	5:30pm	9:00pm
Saturday, November 18	<p>Spectacles of the Fall Sky Many spectacular cosmic sights are visible this time of year. The dazzling clusters and nebulae from summer Milky Way are still visible along with the Andromeda galaxy, the nearest spiral galaxy to us. We will also observe double stars, the colorful treasures hidden away in the night sky. Also catch a view of the distant blue-green ice giants planets Uranus and Neptune. <i>Prominent constellations:</i> Cygnus (the Swan), Pegasus (the Winged Horse), Cetus (the Whale), Lyra (the Harp), Cassiopeia (the Seated Queen), Andromeda (the Princess)</p>	5:30pm	9:00pm
Saturday, November 25	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **

DECEMBER 2017

Event Date	Description	Start Time	End Time (Approximate)
Saturday, December 2	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
Saturday, December 9	<p style="text-align: center;">Evening with the Cosmos</p> <p>Mid December is great time to view the sky, eight first magnitude stars and several of the brightest constellations stand out against the rich star fields of the winter Milky Way. The Andromeda Galaxy, Double Cluster and Great Orion Nebula are the brightest deep sky highlights, all easily visible to naked-eye. Looking to east, the Pleiades star cluster will resemble a miniature dipper shape above the bright orange star Aldebaran in the constellation Taurus.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Cygnus (the Swan), Pegasus (the Winged Horse), Cetus (the Whale) Cassiopeia (the Seated Queen), Andromeda (the Princess), Perseus (the Hero)</p>	5:30pm	9:00pm
Saturday, December 16	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **
Saturday, December 23	<p style="text-align: center;">First Quarter Crescent Moon</p> <p>A crescent moon will be near Neptune in the constellation Aquarius. We will observe the dramatic craters and mountains of the lunar landscape along with the outer planets Uranus and Neptune. Also visible are several colorful double stars and the vibrant deep orange Garnet Star in the constellation Cepheus. The famous Pleiades star cluster, also known as the Seven Sisters will be visible to the naked eye. Through a telescope over 100 stars will be visible.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Aries (the Ram), Cassiopeia (the Seated Queen), Andromeda (the Princess), Perseus (the Hero), Auriga (the Charioteer), Taurus (the Bull)</p>	5:30pm	9:00pm
Saturday, December 30	*** NO EVENT ***	*** NO EVENT ***	** NO EVENT **

JANUARY 2018

Event Date	Description	Start Time	End Time (Approximate)
<p style="text-align: center;">Saturday, January 6 * 2018 *</p>	<p style="text-align: center;">Sidewalk Astronomy</p> <p>The winter Milky Way will be visible and celestial highlights including the Andromeda Galaxy, the Pleiades star cluster and Great Orion Nebula. Observe several fascinating double stars such as the matched pair in Aries known as the Rams Eyes and the colorful pair in Cassiopeia located 19 light years from the earth, featuring a bright yellow star and a fainter red dwarf companion.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Aries (the Ram), Cassiopeia (the Seated Queen), Andromeda (the Princess), Perseus (the Hero), Auriga (the Charioteer), Taurus (the Bull)</p>	<p>5:45pm</p>	<p>9:00pm</p>
<p style="text-align: center;">Saturday, January 13 * 2018 *</p>	<p style="text-align: center;">The Orion Nebula</p> <p>The Great Orion Nebula is a vast star forming region over 1,600 light years away, It is visible to the naked in the sword of Orion. Through a telescope is appears as a bright green cloud of gas surrounding newborn stars. Eight first magnitude stars including brilliant Sirius, deep orange Betelgeuse and golden yellow Capella light up the winter sky around the faint glow of the Milky Way.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Cassiopeia (the Seated Queen), Andromeda (the Princess), Perseus (the Hero), Auriga (the Charioteer), Taurus (the Bull), Orion (the Hunter)</p>	<p>5:45pm</p>	<p>9:00pm</p>
<p style="text-align: center;">Saturday, January 20 * 2018 *</p>	<p style="text-align: center;">The Winter Milky Way</p> <p>Mid January is great time to view the sky, eight first magnitude stars and several of the brightest constellations stand out against the star fields of the winter Milky Way. The Andromeda Galaxy, Double Cluster and Orion Nebula are the brightest deep sky highlights, all are visible to naked-eye. Also catch a view pair of stars in Aries known as the Rams Eyes and a vivid red carbon star known as Hind's Crimson Star, just below the constellation Orion.</p> <p style="text-align: center;"><i>Prominent constellations:</i> Cassiopeia (the Seated Queen), Perseus (the Hero), Auriga (the Charioteer), Taurus (the Bull), Orion (the Hunter), Gemini (the Twins)</p>	<p>6:00pm</p>	<p>9:00pm</p>
<p style="text-align: center;">Saturday, January 27 * 2018 *</p>	<p>*** NO EVENT ***</p>	<p>*** NO EVENT ***</p>	<p>** NO EVENT **</p>

FEBRUARY 2018

<p>Saturday, February 3 * 2018 *</p>	<p>Evening with the Cosmos</p> <p>The Winter Milky Way is just as spectacular as it's brighter summer counterpart. Only from sites far from city lights can it be appreciated. Eight bright stars and some of the brightest constellations stand out against the faint glow of our galaxy. Observe the famous cluster known as the Pleiades, the dazzling Double Cluster in Perseus and the vast Great Orion Nebula.</p> <p><i>Prominent constellations:</i> Cassiopeia (the Seated Queen), Perseus (the Hero), Auriga (the Charioteer), Taurus (the Bull), Orion (the Hunter), Gemini (the Twins)</p>	<p>6:00pm</p>	<p>9:00pm</p>
<p>Saturday, February 10 * 2018 *</p>	<p>Winter Stargazing</p> <p>Some of the best celestial highlights including the Andromeda Galaxy, Double Cluster, the Pleiades and Great Orion Nebula will be visible. Eight first magnitude stars and several of the brightest constellations stand out against the faint glow of the Winter Milky Way. Other showpieces are the orange and blue double star Almach and the spectacular all blue triple star in Monoceros.</p> <p><i>Prominent constellations:</i> Cassiopeia (the Seated Queen), Auriga (the Charioteer), Taurus (the Bull), Orion (the Hunter), Gemini (the Twins), Canis Major (the Great Dog)</p>	<p>6:15pm</p>	<p>9:30pm</p>
<p>Saturday, February 17 * 2018 *</p>	<p>Deep Sky Highlights</p> <p>Come observe the winter Milky Way and its fine nebulae and star clusters along with several of the most recognizable constellations. Eight first magnitude stars including the brightest star in the sky, Sirius will light up the night. The deep sky highlights are the Great Orion Nebula, the colorful open cluster M35 in Gemini and the ghostly Crab Nebula in Taurus.</p> <p><i>Prominent constellations:</i> Cassiopeia (the Seated Queen), Auriga (the Charioteer), Taurus (the Bull), Orion (the Hunter), Gemini (the Twins), Canis Major (the Great Dog)</p>	<p>6:15pm</p>	<p>9:30pm</p>
<p>Saturday, February 24 * 2018 *</p>	<p>*** NO EVENT ***</p>	<p>*** NO EVENT ***</p>	<p>** NO EVENT **</p>