



## TIPS FOR VISITORS

**TOTAL SOLAR ECLIPSE - AUGUST 21, 2017**

*Eclipse Begins 9:06 AM*

*Total Eclipse Occurs 10:19 AM*

*Total Darkness for 2.02 MINS*

The town of Madras has a population of approximately 6,200 which is expected to swell to 100,000+ over the weekend preceding the Solar Eclipse. Traffic will be heavy; lines for food and in stores will be long; campsites will likely be sold out...so make your reservations now, arrive a little early, come prepared, and have reasonable expectations given the situation. Once the Eclipse begins, you'll forget all about the crowds and any small inconveniences it took for you to experience this wondrous event!

### General Tips:

- ⊗ Don't think, "We'll just pick up some (*blank*) when we get there." Supplies will be limited and high demand may mean you can't get all the things you need or want.
- ⊗ Make sure your vehicle/RV has been serviced and you're all fueled up (gas, propane, etc.).
- ⊗ Carry an ABC Fire Extinguisher in your vehicle. August is wildfire season and overheated vehicles can cause brush fires!
- ⊗ Be aware of your surroundings. Don't leave valuables in your vehicles or just lying around - including your cell phones, telescopes, binoculars, etc.

### What to bring with you:

- ⊗ Water (plenty of it), Snacks/Food
- ⊗ Sunscreen
- ⊗ Sunglasses / Eclipse Viewing Glasses (also available here for purchase)
- ⊗ Hat/visor
- ⊗ Light jacket or sweatshirt (for the evening hours)
- ⊗ Comfortable walking shoes (flip flops are not conducive to our desert conditions)
- ⊗ Folding chair
- ⊗ Necessary medications
- ⊗ Cash (ATM's may run out!)





[www.MadrasChamber.com](http://www.MadrasChamber.com)

[www.MadrasEclipse.com](http://www.MadrasEclipse.com)

## What makes the 2017 Total Solar Eclipse unique going over Madras?

- ✓ We have the highest atmospheric clarity of all the locations along the path across the US from the Oregon Coast to the South Carolina Coast.
- ✓ We are one of five cities that have commercial air service within 100 miles and we have the highest probability of no clouds at the time of the Eclipse of all locations across the US.
- ✓ The Cascade Mountain Range is a unique feature attracting photographers due to the Eclipse occurring early in the morning and photographs of East Side of the Cascade Range are highly sought.

## Fun facts about the Total Solar Eclipse on Monday August 21<sup>st</sup>, 2017

- ✓ Timeline: Solar Event length 1hr-40m. Total Eclipse length 2m-3s.
  - 9.06 **Start** of the **Partial Eclipse**
  - 10.19 **Start** of the **Total Eclipse**
  - 10.20 **Maximum** Shadow of the **Total Eclipse**
  - 10.21 **End** of the **Total Eclipse**
  - 11.41 **End** of the **Partial Eclipse**
- ✓ The shadow's speed is 2777 mph (1.241 km/sec), almost four times the speed of sound. Comparable to watching a 4½-hour 500 Mile NASCAR Race in 11 Minutes!
- ✓ The Eclipse's band of Totality is 70 miles wide. From Redmond to Maupin
- ✓ This Total Eclipse is one that will be occurring somewhere on the Earth every 18 months.
- ✓ If only 1% of the Sun is visible, it is still 10,000 times too bright to see the Total Eclipse phenomena. Madras is in the sweet spot where 1,000's of guests from all over the world will be traveling to for the unique experience
- ✓ Between 1901 and 2099, a 200 year span, there will be:
  - **452** Partial or Solar Eclipses in the World
  - **139** Total Solar Eclipses in the World
  - **ONE** Total Solar Eclipse in Madras, Oregon
- ✓ Solar Eclipses crossing the United States Coast to Coast.  
1918 2017 2045 2099

## Why all the excitement over a Total Solar Eclipse?

*(Response from an unknown party)*

If I have to explain, you would not understand. If you already understand, nothing I can say will matter. It's like having kids or riding a Harley or being in love. It is a spiritual experience for some, an intellectual and emotional unraveling for others. But truly, it just is--and you just have to believe.

## Want to know more? Very informative sites for the non-Eclipse Chaser

[www.Eclipse.gsf.nasa.gov/solar.html](http://www.Eclipse.gsf.nasa.gov/solar.html)

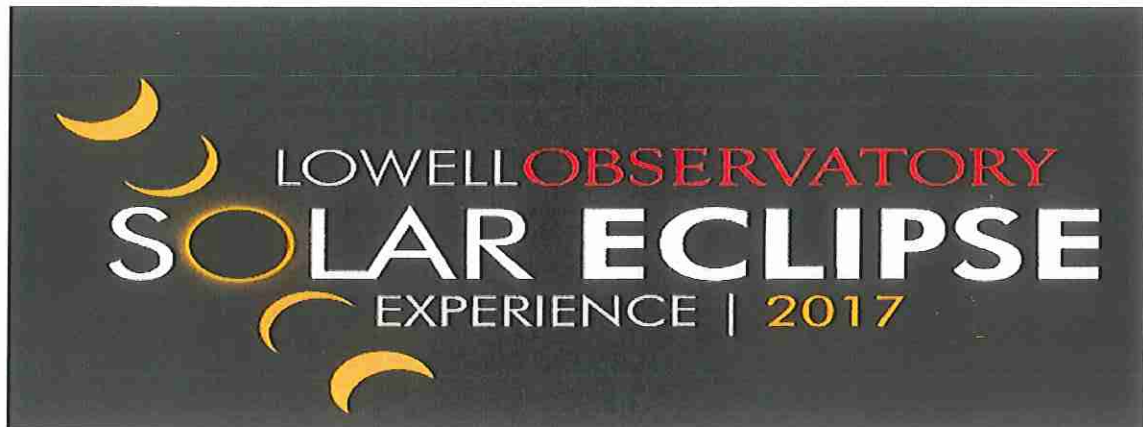
[www.EclipseWise.com/solar/SEgmap/2001-2100/SE2017Aug21Tgmap.html](http://www.EclipseWise.com/solar/SEgmap/2001-2100/SE2017Aug21Tgmap.html)

[www.Eclipse2017.org](http://www.Eclipse2017.org)

[www.GreatAmericanEclipse.com](http://www.GreatAmericanEclipse.com)

Some "Fun Facts" supplied by Xavier Jubier





Madras, OR events:

Star Party

Sunday August 20, 2017

6:00pm-10:00pm

Free to all

Starting at 6pm in the Performing Arts Center, we will have 30-minute astronomer talks about eclipses and the night skies. At approximately, 9pm we will relocate to the football field for night sky viewing through numerous telescopes and additional presentations on the night sky, including deep space celestial bodies.

Solar Eclipse Experience

Monday August 21, 2017

6:00am-4:00pm

\$10 per person; May 31<sup>st</sup> to July 30<sup>th</sup> - \$15 per person; July 31<sup>st</sup> thru August 21<sup>st</sup> - \$20 person. To purchase tickets please visit **LowellSolarEclipse.com**.

Beginning at 7am, on the hour, we have 30-minute astronomer talks scheduled in the Performing Arts Center. In our Lowell tent we have ongoing opportunities to meet and chat with our astronomers. On the field, we have numerous telescopes available for public viewing, a few of these will be solar telescopes. We have educational booths facilitating interactive demonstrations on celestial mechanics and parts of Einstein's Theory of Relativity as it relates to the warping of space. We have various experiments and data collection being conducted. Several individuals will be photographing the eclipse event. We have various vendors selling related merchandise. Various Madras High School groups and booster clubs will be operating several concessions stands selling food, beverages, and T-shirts.

We have partnered with The Science Channel (a subsidiary of The Discovery Channel), who will broadcast the eclipse live on national TV and their website.

Our event is education and science focused. We encourage schools and school groups who might want to participate with a demonstration of their own to contact Todd Gonzales at [astrotodd@lowell.edu](mailto:astrotodd@lowell.edu).

2017 ANNUAL **CULVER**  
**CRAWDAD**  
**FESTIVAL**

Camping Sites  
Available!

**CAMP**



Entertainment ALL Day!



Saturday, Aug. 19th 7 a.m. to  
at Culver Veterans Memorial Park 5 p.m.

Authentic Cajun  
Crawdada Feed

11 a.m. - *While they last*

7 a.m. BICYCLE POKER RIDE  
10 a.m. - 5 p.m. Festival - All Day  
10 a.m. CULVER PARADE

1:30 p.m. **BINGO**

Chuck Wagon Cook-Off  
Main dish • Bread • Dessert  
*"Free Samples - While They Last"*

**BEER GARDEN • MUSIC • GAMES • VENDORS**

For more information: Culver City Hall

www.cityofculver.net • 541-546-6494 • email: cityhall@cityofculver.net