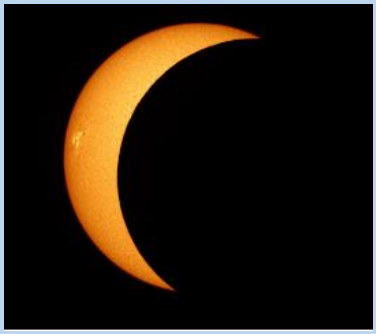
# October 14, 2023  Solar Eclipse Watch Locations



**On Saturday October 14 the Tulsa area will experience a Partial Solar Eclipse.  At maximum eclipse the moon will cover about 71% of the sun's surface.**

**To avoid eye damage, you must use certified Safe Solar Filters to observe the Sun. These filters block not only Visible light but also Infrared and Ultraviolet light that can damage your eyes. Do not attempt to use improvised materials that may make the sun appear darker but not protect your eyes from the unseen infrared and UV radiation.  The same advice goes for trying to photograph the eclipse with your phone or camera.  The sun can quickly damage the sensors in your device.**

**Note to Moms!  The Sun is no more dangerous on an eclipse day than any other day of the year.  Your family can do all their normal outdoor activities.  Just don't try to look at the Sun without the proper filters.**

**See our Tips to Safely Observe a Solar Eclipse.  It also has suggestions to see the shape of the eclipse indirectly without looking at the sun.**

**The Astronomy Club of Tulsa will be hosting  two locations for interested public to come safely observe the eclipse.  You can also view the eclipse elsewhere as long as you observe proper safety precautions.**

**One at the Case Community Center in Sand Springs at 1050 W Wekiwa Rd**
**The other at the Voyage Solar System Walkway in front of Creekwood Elementary School in Broken Arrow.  Creekwood is located at 1301 E Albany St ( 61st St ) about a mile east of Bass Pro.  Handheld Safe Solar Filters will be available for viewing the eclipse and also some for purchase.**

**The eclipse starts at 10:23 AM  and reaches Maximum eclipse at 11:51 AM  then ends at 1:25 PM  Individual observing times will vary a minute or so depending on your observing location.**
**The best times for observing will be from 10:45 AM to 1:00 PM.**

**Astronomers will be at both sites with a few telescopes equipped with special solar filters to view the sun close up.  These telescopes can show the sunspot regions on the sun as well as the moon passing in front of the sun.**

**Map for Eclipse Times anywhere in USA.**
**For Eclipse Times outside of the Tulsa area, use it map to Zoom into your location.**
**Then click on that location for the Eclipse times and data for that location.**
**The times are given as UT – Universal Time.  Subtract  5 hours for Central Daylight time**