



Sunset Astronomical Society

# The Sunset Gazette

*Serving the Tri-Cities since 1975*

Volume 14, Issue VIII

May 2017

**Meeting information:**

Meetings are at the Delta Planetarium, Bay City. The meetings will usually be on the 2nd Friday of each month at 7:00 PM. Watch the newsletter for changes in dates and times. Membership is not required to participate in meetings and activities. See Last Page for this month's meeting site.

**Membership**

**Information:**

Our club has switched to e-mailing our newsletters. For those wishing to receive a hard copy mailed an additional dues of \$10.00 per year is required.

**Membership Rates:**

**5\$ per Year (Individual)**

**10\$ per Year (Family)**

Treasurer's address for renewals and subscriptions:

Lynn Dumbrille  
6184 Stansbury Lane  
Saginaw, MI 48603

**NO  
MEMBER  
CONTENT  
HAS BEEN  
SUBMITTED.**

SUNSET ASTRONOMICAL SOCIETY  
THE SUNSET GAZETTE  
SERVING THE TRI- CITIES SINCE 1975



Newsletter Editor:

Martin Grasmann martin.grasmann@sbcglobal.net

This issue can be accessed in color on the website  
of the SAS!!!

## Elected Officers for the SAS:

President: Garry Beckstrom garry@beckstromobservatory.com  
Vice President: Rich Jankowski drjankow@hotmail.com  
Secretary: Sandy Dumbrille sld1bit@gmail.com  
Treasurer: Lynn Dumbrille lhdbit@gmail.com

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Bill Albe billalbe@gmail.com  
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Friday May 12<sup>th</sup>

7:00 - 8:00 p.m. Delta College Planetarium

“From Black Holes to LIGO: The Dawn of Gravitational-wave Astronomy.”

By Dr. Shane Larson

Northwestern University and the Adler Planetarium in Chicago

**No regularly scheduled meeting for May. Please see:**

### Upcoming Events

Here's a listing of events that are currently scheduled for the Sunset Astronomical Society. Be sure to check the events calendar on the SAS website (<http://www.sunsetastronomicalsociety.com/meeting--event-calendar.html>) for the most up to date information.

**May 12** – Friday 7:00-8:00 p.m. **RSVP REQUIRED**. Delta College Planetarium 20<sup>th</sup> Anniversary Celebration. In place of our regular monthly meeting. Special speaker, Dr. Shane Larson from Northwestern University, *Gravitational Waves*. Location is the Delta College Planetarium. See above meeting notice!

**May 13** – 11:00 a.m.-4:00 p.m. Delta College Planetarium 20<sup>th</sup> Anniversary Open House. SAS will participate as volunteers. Visitors of all ages can enjoy Dome360 mini-shows, hands-on activities, solar observing, presentations by “Dr. Slime,” and meet representatives from Delta College to learn about classes that can be taken at the Planetarium. Nearly 450,000 people have attended programs at the planetarium since opening in 1997, from star shows to school programs, special events to telescope star parties. A new temporary exhibition featuring the astrophotography of Axel Mellinger will be on display in the planetarium lobby, along with several other new displays. Visitors can also get a look at the College's new 38 foot mobile science laboratory, the STEM Explorer, in the planetarium's parking lot. The day will culminate in a premiere of the new Feature Show “ECLIPSE: THE SUN REVEALED” at 3:30 p.m. to anticipate the historic total solar eclipse coming to the U.S. this August.

**May 26, 27, 28** – Friday or Saturday or Sunday. First clear night. **Observing with the public at Port Crescent State Park**. Memorial Day Weekend.

**June 9** – Friday 7:00-9:00 p.m. Our monthly general meeting will feature a video by Mr. Eclipse himself! This will be an introduction to the total eclipse of the Sun visible across the United States in August. This is one you don't want to miss. Location is the Delta College Planetarium.

## What's up in the Sky

**May 10:** Full Moon

**May 11 Night:** Watch a double transit on Jupiter from 9:59 p.m. to 10:06 p.m. EDT (Eastern Daylight Time).

**May 18 Night:** Again watch a double transit on Jupiter from 11:53 p.m. to 12:34 p.m. (Eastern Daylight Time).

**May 19:** Last Quarter Moon

**May 22 Dawn:** The waning crescent Moon accompanies Venus which is 3 to 4 deg higher to the left of the Moon.

**May 25:** New Moon

**May 29 Evening:** Watch out for the waxing crescent Moon in the West with the Beehive Cluster shining just 3 deg to its upper right.

**May 30 Evening:** Watch out for the 1st quarter Moon high in the southwest at sunset an when twilight deepens find Reugulus ca 5 to 6 deg right of the Moon.

**June 3:** First Quarter Moon

**June 3 Evening:** High in the south, the waxing gibbous Moon can be found only 2 deg from bright Jupiter.

Watch a double transit on Jupiter from 10:22 p.m. to 12:22 a.m. EDT (Eastern Daylight Time).