



The Seventeenth Annual Great Lakes Star Gaze

Sept. 26th to 29th, 2019

**“A Star Party with Dark Skies”
Held at River Valley RV Park
Gladwin, MI**

GENERAL INFORMATION:

Location and dark sky are the main attractions of this star party. Gladwin’s central location provides excellent observing without traveling hours into Northern Michigan. Limiting magnitudes are estimated to be around 6.5 at zenith with some minor light domes from the cities of Mt. Pleasant and Midland, some 30 mi. away. This is a star party for the astronomer who loves to observe and mingle with other astronomers. Some practical and interesting talks are scheduled to enhance your weekend experience and some activities are planned for children.

GETTING TO RIVER VALLEY RV PARK:

2165 South Bailey Lake Ave., Gladwin, MI 48624

From US-10

Travel 11 Mi. N. from Loomis Exit.

From US-27

Travel 6.5 Mi. E. from Lake George Exit.

From M-61 travel 2.5 mi. S. on Bailey Lake Ave.
(Midway between Gladwin and Harrison).

WHAT IS INCLUDED WITH REGISTRATION?

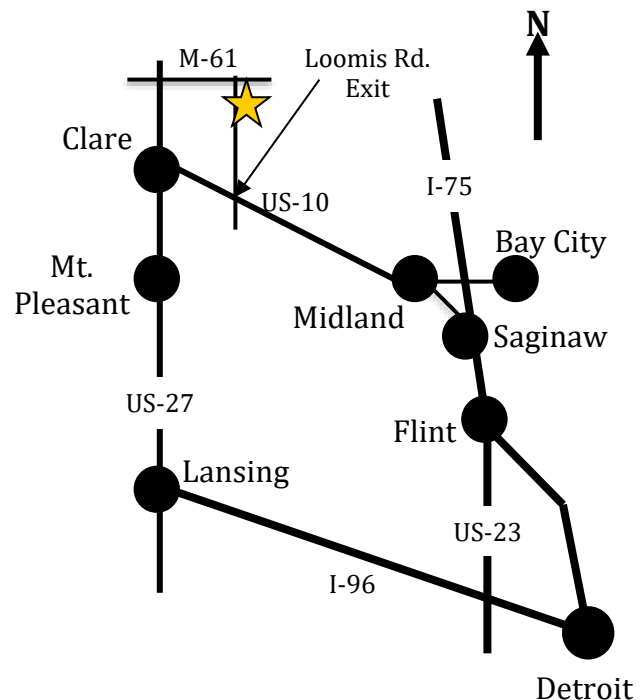
- Camping on the observing hill, **tents only!**
- Participation in presentations and observing.
- Hot coffee/chocolate in welcome tent.
- One ticket for door prize raffle per registration
- Clean hot shower/restroom facilities.

TRAVEL TRAILER FEES:

- Water & electric sites for travel trailers are available, register with River Valley RV Park for a site in addition to our registration.
- Water & electrical hook-up sites run \$25 per night **plus** our star party registration fee.
- **River Valley RV Park**, Phone: (989) 386-7844, Website: www.rivervalleyrv.com

FOOD VENDOR: We will **not** have a food vendor on site this year. On Friday we will have tickets for sale to pre-purchase slices of pizza. Tickets can be purchased at the registration table up until 3:00 pm (time subject to change). There are also many restaurants and stores in nearby Gladwin and Harrison.

EARLY REGISTRATION: Registrations postmarked on or before August 30, 2019 will save \$15.00 off the cost of the regular registration. Website: www.glsq.net



SCHEDULE OF EVENTS

STAR PARTY HIGHLIGHTS

Thursday, September 26th: Registration begins at 5:00 pm and is open until 10:00 pm. **The observing hill WILL NOT open before this time!** Your cooperation and understanding are appreciated! For stargazers who would like to arrive before Thursday or stay after Sunday, camping in RV Park is available at campground rates. Contact RV Park to make reservations.

Friday, September 27th: Registration open from 12:00 pm to 10:00 pm.

6:15 – 6:30 pm Opening Comments, **Kevin Dehne**

6:30 – 8:30 pm **Astronomy Presentations:**

- **Aurelian Balan**, Associate Professor of Physics and Astronomy at Delta College, Topic to be announced.
- **Dr. Larry Molnar**, Professor of Physics and Astronomy at Calvin College, “The Lives and Dramatic Deaths of Contact Binary Stars. Part I”

9:00 - ??? Observing on the hill. Welcome Tent will be open all night with hot drinks!

Saturday, September 28th: Registration open from 10:00 am to 6:00 pm.

10:00 – 11:00 Kids Fishing Contest: Held at the pond in the main campground. Ages 13 and under bring your own fishing pole, hook, and bobber. Worms will be provided. Prizes for the first fish, biggest fish, & most fish caught.

11:30 – 12:00 Rocket Launches: Norb Vance & Kevin Dehne... Look Out!

12:00 – 1:00 Lunch Break

1:00 – 3:00 Swap Meet: Main tent. Bring astronomy equipment to sell & cash to pay!

5:00 – 6:00 Dinner Break

6:00 – 7:00 Astronomy Presentation:

- **Dr. Larry Molnar**, “The Lives and Dramatic Deaths of Contact Binary Stars. Part II”

7:00 – 8:00 Door Prize/Raffle Drawings:

- Must be present to win.
- Closing Comments.

9:30 - 10:00 “Tour of the Night Sky”

Norb Vance, Eastern Michigan University &
Kevin Dehne, Delta College
(Green laser will be used during this time only.)

9:00 - ??? Observing on the hill:

- Welcome Tent open all night with hot drinks.

Sunday, September 29th:

- Departure by 1:00 pm unless you would like to stay and help clean up.



GREAT LAKES STAR GAZE 17 REGISTRATION FORM

To register by mail send this form to:

Mary Dehne, 4835 Schneider St., Saginaw, MI 48683

Phone: (989) 686-9326

e-mail: ktdehne@delta.edu

Make checks payable to: **“Great Lakes Star Gaze”**

Please Print Clearly:

Name:	
Family members:	
Phone Number:	
E-mail:	
Street:	
City, State, Zip:	

REGISTRATION: If you are not a family and you are sharing a tent or camper with a friend you must each register separately as an individual.

Individual Registration Fee Friday/Saturday Nights	\$55.00	=\$
Individual Registration Fee Thursday/Friday/Saturday Nights	\$65.00	=\$
Family Registration Fee Friday/Saturday/Nights	\$75.00	=\$
Family Registration Fee Thursday/Friday/Saturday Nights	\$85.00	=\$
Individual or Family Registration Fee with Trailer for 2 nights (Plus RV Park fees, see 1st page of this flier)	\$50.00	=\$
Individual or Family Registration Fee with Trailer for 3 nights (Plus RV Park fees, see 1st page of this flier)	\$60.00	=\$
Early registration if postmarked on or before August 30th		Subtract \$15.00
Total Amount for Registration		\$
Total Amount for Promotional Items		\$
GRAND TOTAL ENCLOSED		\$

If registering as a family indicate number of persons (please list names above)	# = _____
Please state number of children under the age of 13 years.	# = _____

GLSG¹⁷ PROMOTIONAL ITEMS

Order now to guarantee your souvenir & price!

Please write in the quantity for each item in the box above the size.

Adult Short Sleeve T-shirt							\$
	S \$12.00	M \$12.00	L \$12.00	XL \$12.00	2X \$15.00	3X \$15.00	
Adult Long Sleeve T-shirt							\$
	S \$16.00	M \$16.00	L \$16.00	XL \$16.00	2X \$18.00	3X \$18.00	
Adult Crew Neck Sweatshirt							\$
	S \$26.00	M \$26.00	L \$26.00	XL \$26.00	2X \$28.00		
Adult Hooded Sweatshirt							\$
	S \$32.00	M \$32.00	L \$32.00	XL \$32.00	2X \$34.00		
Adult Full-Zip Fleece							\$
	S \$38.00	M \$38.00	L \$38.00	XL \$38.00	2X \$40.00		
Adult Ball Cap	Charcoal \$18.00		Tan \$18.00				\$
TOTAL							\$

Promotional items must be picked up at star party. They will NOT be mailed! Clothing orders must be **received by August 30th**. After this date items may be purchase from extra stock at the star party. Sizes & quantities will be limited.

T-shirt, Sweatshirt, Fleece, & Hat Designs for 2019 GLSG¹⁷

Long & Short Sleeve T-shirts: dark gray color made of 6.1 oz. 100% cotton.

Adult Crew Neck Sweatshirt and Hooded Sweatshirt: charcoal color made of 9.7 oz. 90/10 cotton/poly blend.

Full Zip Fleece: is a deep smoke color with embroidered multi-color logo.

Ball Cap: charcoal & tan colors with a multi-color embroidered logo.

See images of some of our apparel on the next page.

