

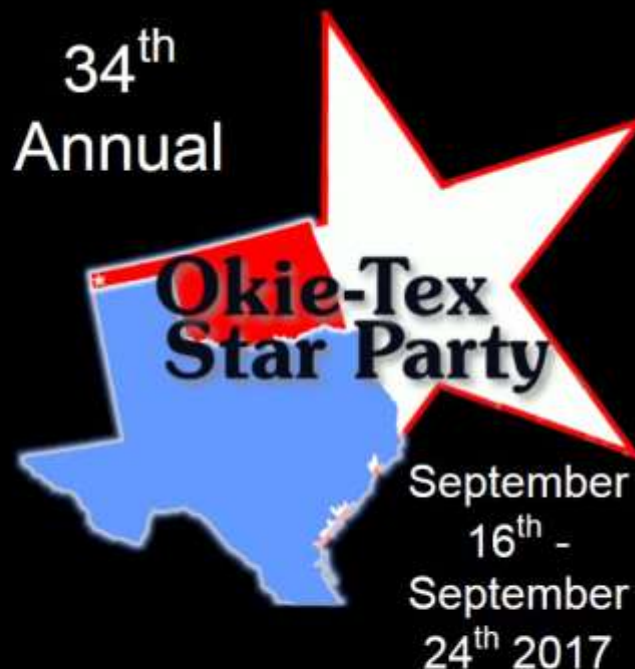


DIY Astronomy: Okie Tex Star Party

11/11/16



Star Party Report

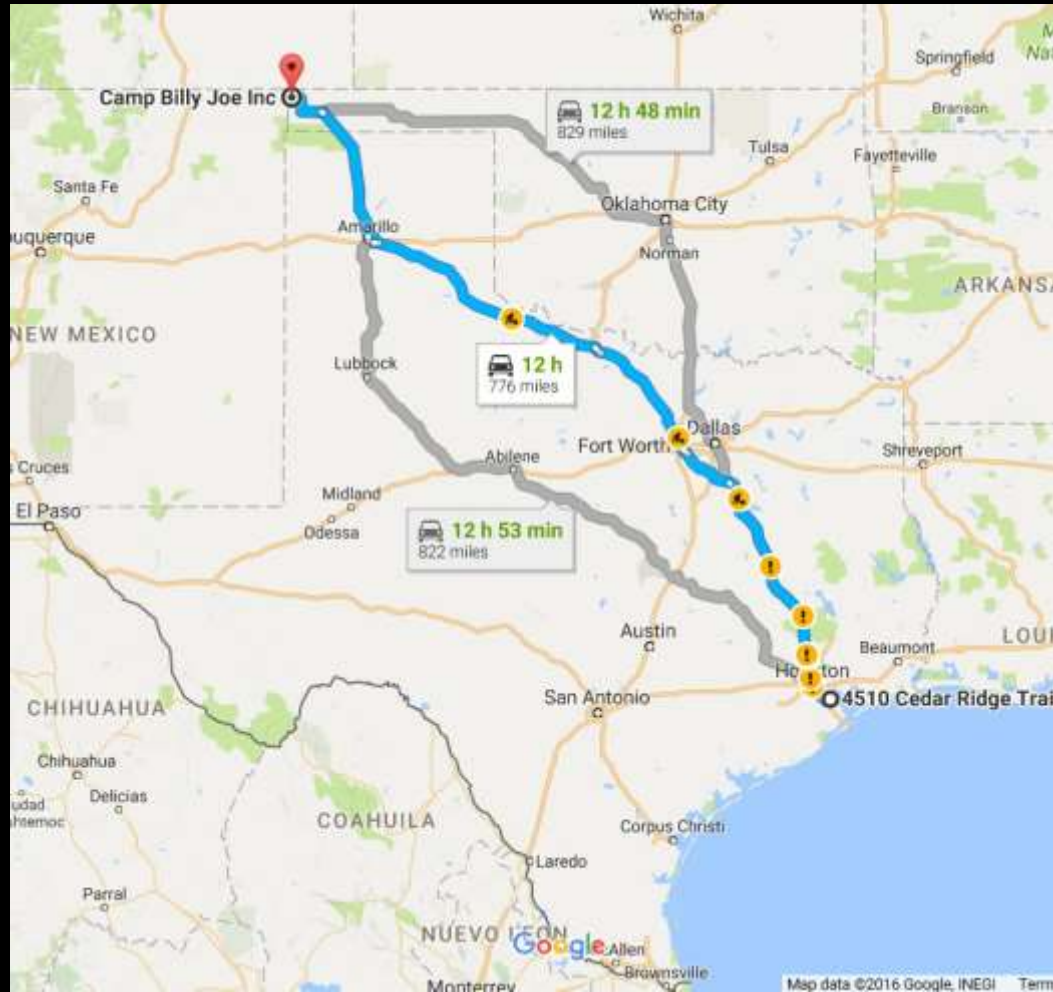


Sept. 24th
To
Oct. 1st

8 Nights:
Saturday
To
Saturday

at
Camp Billy Joe - 36°53.87' N, 102° 57.12' W, Alt. 4,439 ft.
Offering some of the darkest skies anywhere in the Southwest
Okie-Tex Clear Sky Clock

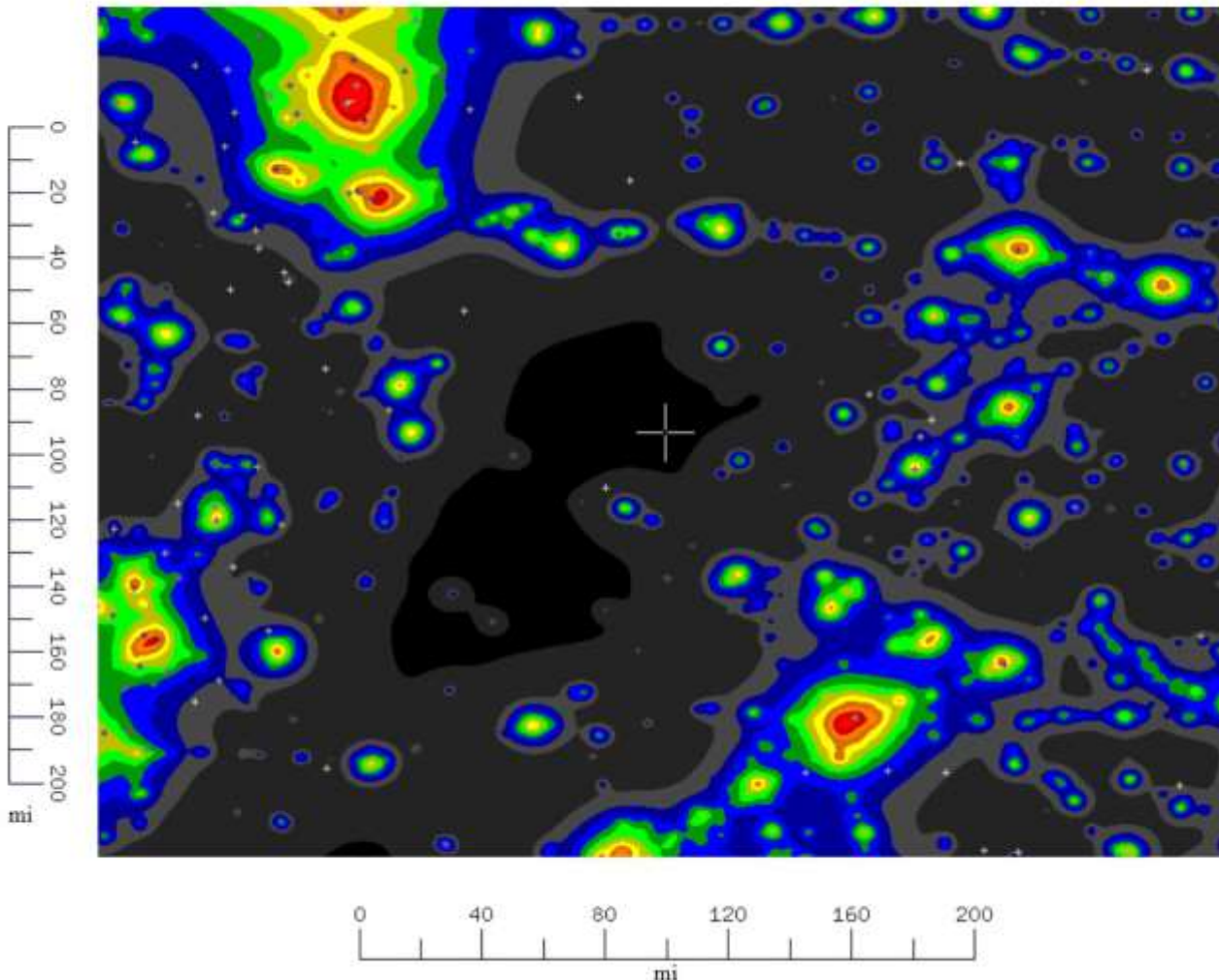
Where is Okie Tex?



Approx. 12 hour drive

Why would we want to drive 12 hours?

Astronomers from all over – e.g. Australia, Canada



Clear Sky Clock / Chart for Okie Tex

Information:

- ⇒ Hosted by Oklahoma City Astronomy Club
- ⇒ Tent camp, RV, some bunk houses
- ⇒ Food provided, or bring your own
 - ⇒ Advice – **bring your own water: yuck!**
 - ⇒ Cosmic Café at night (10 to 2)
- ⇒ Approx. 500 attendees
- ⇒ Speakers during the day
- ⇒ Vendors area
- ⇒ Swap shop
- ⇒ Door prizes (including some high end items)
- ⇒ Things to do during the day

Getting there and setting up =>

Step 1 - See how much stuff you
can get in your car.
Step 2 - Stop at Buc-ee's



Mesa-top View of Star Party





Finding a place to set up:
Opened at 7:00AM
Arrived at 2:00PM
⇒ Most spots taken
⇒ Plan to expand



My setup =>

- AT8RC on
Losmandy G-11
- 80ED on
Celestron ASGT



What is there to do during the day?

Vendors:

- * Software Bisque
- * Televue
- * Explore Scientific
- * Others -



Talk with other Astronomy Enthusiasts



Wildlife :::



Dinosaur Tracks:::



Hike to the highest point in Oklahoma: 4,973 ft

- At nearby Black Mesa Preserve



Powered Paragliding (Paramotoring) ::



Iridescent clouds:::



Getting back to Astronomy =>





M27 – Dumbbell Nebula in Vulpecula

A deep-sky photograph of the Helix Nebula (NGC 7293) in the constellation Aquarius. The nebula is a planetary nebula with a bright, circular, reddish-pink outer ring and a darker, bluish-green inner disk. It is surrounded by a field of stars of various magnitudes against a black background.

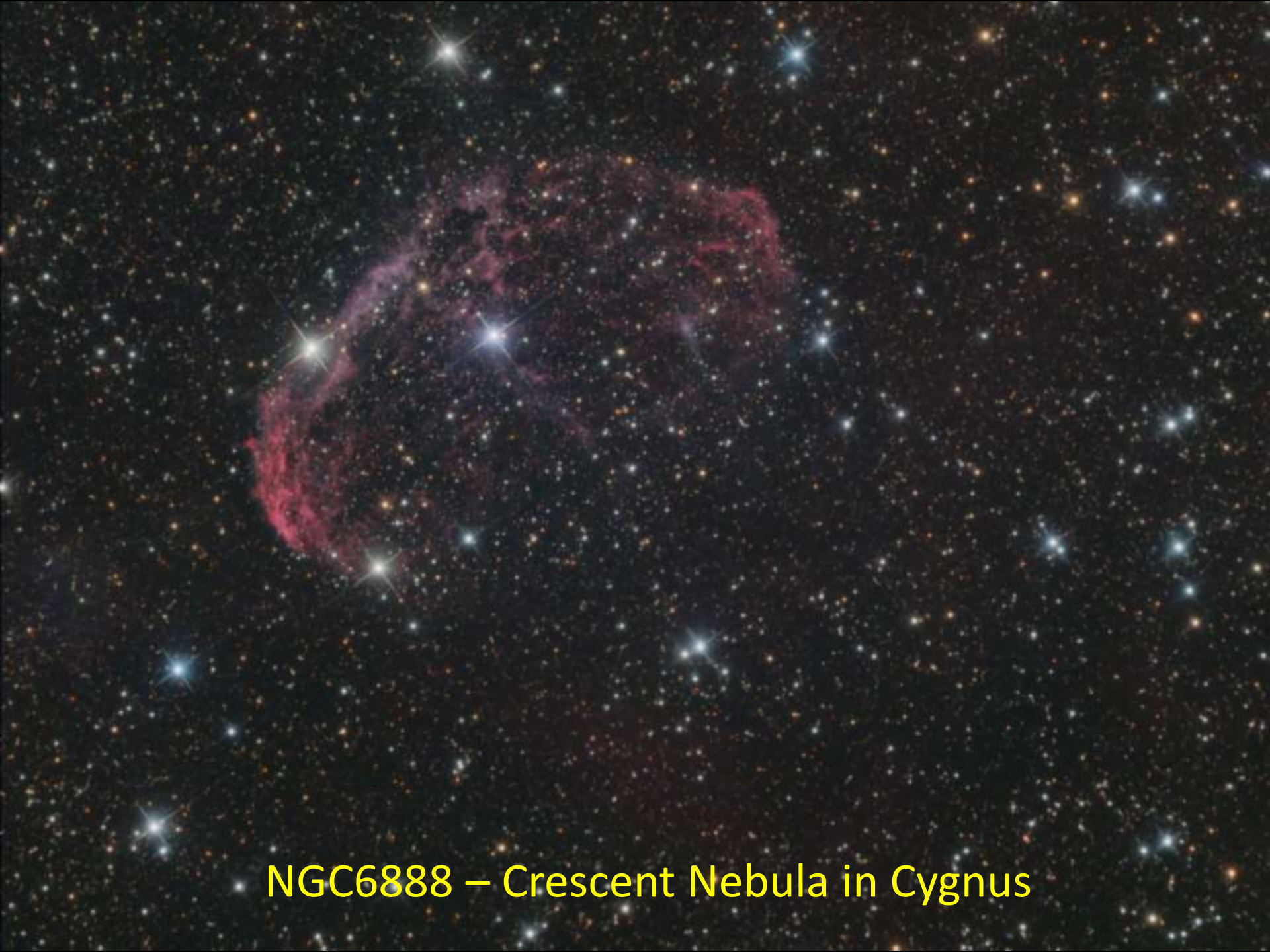
NGC7293 – Helix Nebula in Aquarius



Sh2-82 – The Little Cocoon Nebula in Sagitta



NGC7331 & Deer Lick Galaxy Group in Pegasus



NGC6888 – Crescent Nebula in Cygnus

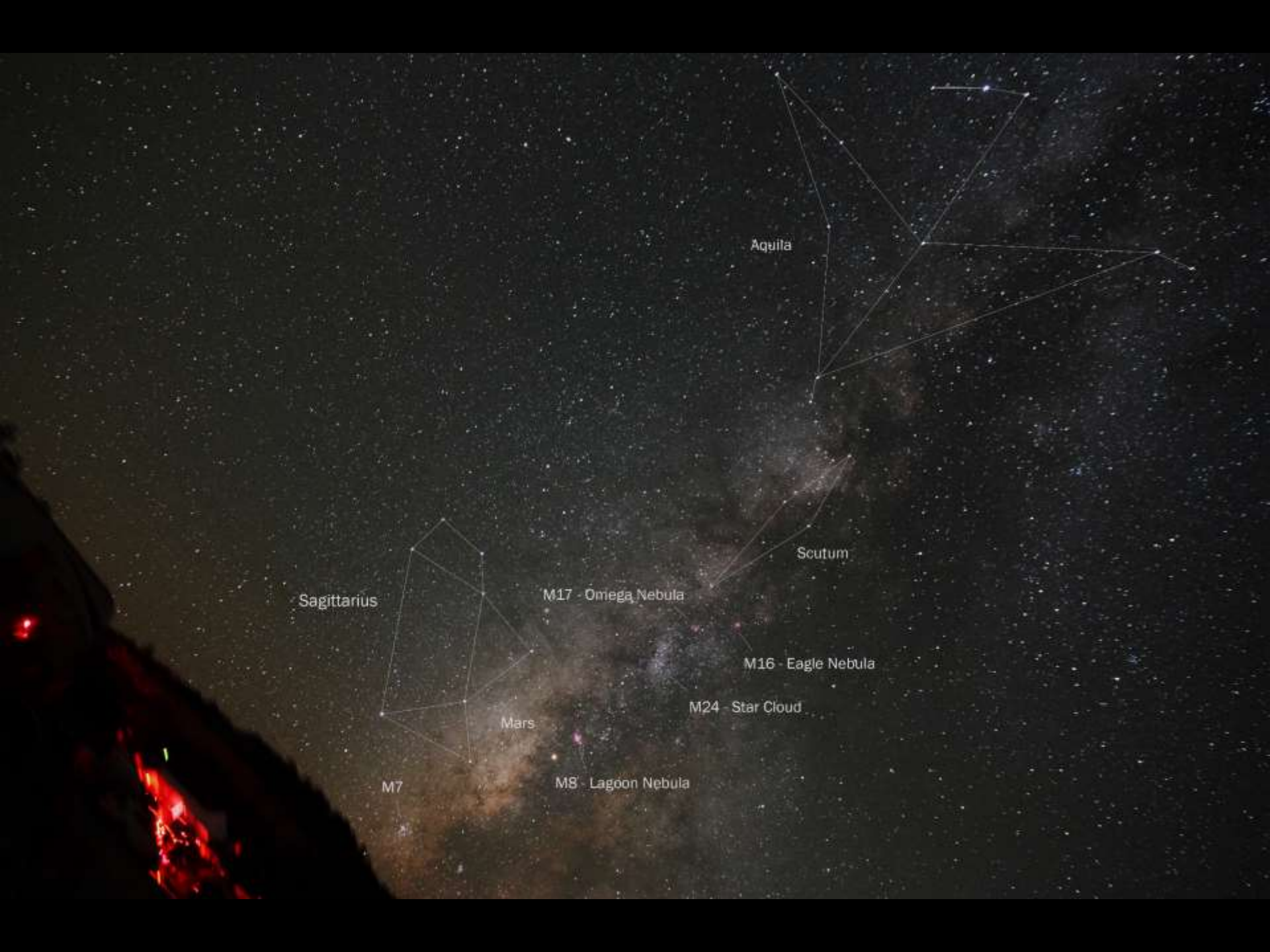


NGC6960 – Veil Nebula / Witches Broom Nebula in Cygnus

Next Images Taken with Barn Door Tracker







Aquila

Scutum

Sagittarius

M17 - Omega Nebula

M16 - Eagle Nebula

M24 - Star Cloud

Mars

M8 - Lagoon Nebula

M7



M31 - Andromeda Galaxy

NGC1499 - California Nebula

Perseus

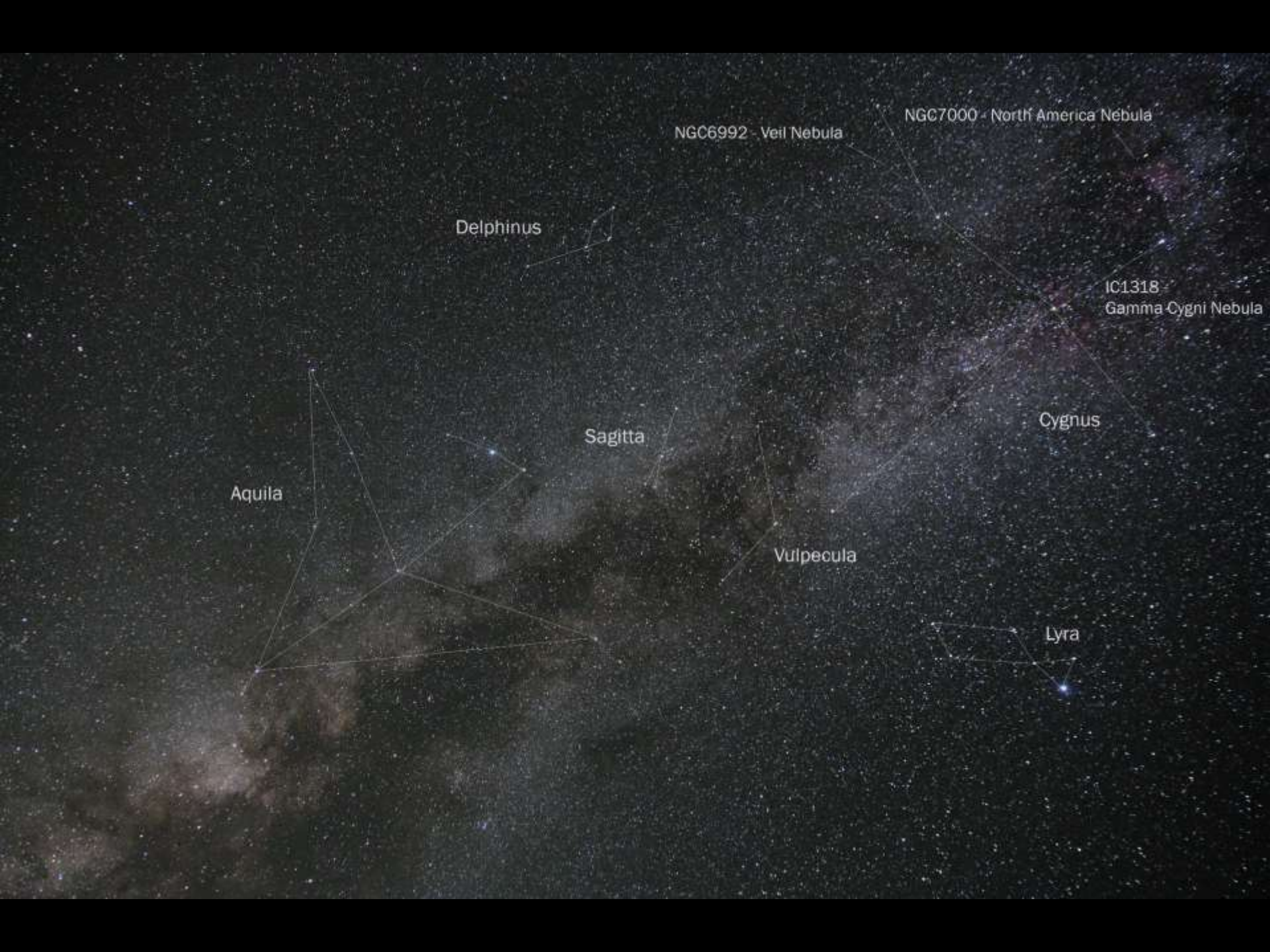
Double Cluster

Cassiopeia

IC1848 - Baby Nebula

IC1805 - Heart Nebula





NGC6992 - Veil Nebula

NGC7000 - North America Nebula

Delphinus

IC1318
Gamma Cygni Nebula

Cygnus

Sagitta

Aquila

Vulpecula

Lyra

Do I have to travel for 2 days to
DIY (do-it-yourself) Astronomy?

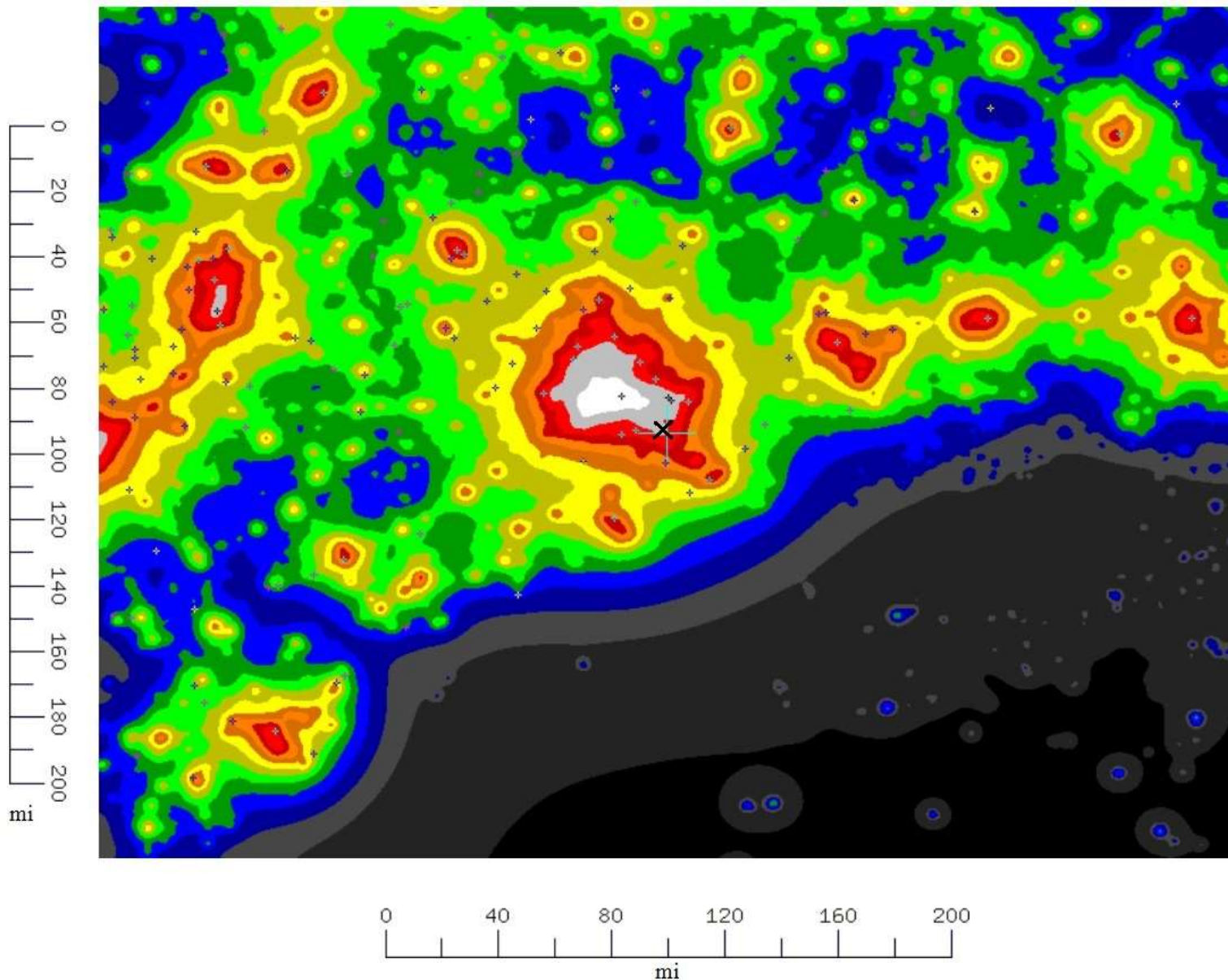




Same configuration –
Post Oakie Tex in Red Zone



Holland Observatory – On border of Red Zone and Grey Zone





NGC7380 – The Wizard Nebula in Cepheus



NGC281 – Pacman Nebula in Cassiopeia



Almost The End

https://www.youtube.com/watch?v=ZbrnXI2gO_k