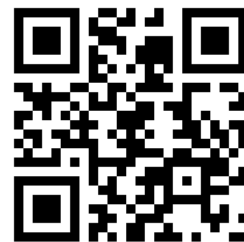




Cache Valley Clear Skies
The Journal of the Cache Valley Astronomical Society



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Vol. 8 Number 12
utahskies.org

August 2021

www.cvas-

Meeting Announcement

This is a star party at the Rendezvous Beach over at Bear Lake on August 5th at 9:00. This is part of the Utah Night Sky in the Park. If you bring your telescope you will not be charged to enter the park as you will be a volunteer.



Janice Bradshaw

The President's Corner By Bruce Horrocks – CVAS President

Normally this is an opportunity to talk about some upcoming night sky event or discuss the latest telescope. This month however has started with the loss of one of our faithful club members, Janice Bradshaw. I am sure by now that many of you have heard that Janice was involved in an automobile accident last week in which her life was tragically lost. Our hearts and prayers go out to Gary and the rest of her family. I never enjoy seeing these kinds of stories on the news, knowing that some family is suffering and grieving the loss of a loved one. I felt especially sad when I was informed it was a member of our club.

When I attended one of the first CVAS club meetings about 4 years ago, Janice was for sure one of the first persons I met. She made sure I had my ticket for the prize drawings and if you remember back then, there was almost a prize for everyone that attended. She was always smiling and cheerful when you walked into the room. I remember one time she commented that she was nervous to use a

new telescope she must have bought, and I told her just to set it up and get going and not to worry. Later I remember her coming out to star parties and so she must have figured it out pretty good by then.

These last two years, Janice has been serving as the treasurer of our club. She has always been meticulous about details and was always very concerned that our club funds were accurate and taken care of. She was nice to visit with at our executive meetings and we all appreciated her input and opinions. It was my opinion that Janice has been a very faithful club member. She will be greatly missed by all who knew her.

I have always been what I would consider a faithful scientist. By that I mean I love science, and I also have faith in a God that has a hand in the happenings of this universe. It is very hard for me to accept some scientific postulates, and some would say that believing in God or Intelligent Design is an easy way to get by the hard concepts. When I see stars that are millions of light years away and try to grasp the concept of a universe that extends forever, it actually is comforting for me to believe that somewhere out in all that space is an extremely intelligent being that is mindful of us. I believe that wherever Janice is now, she has more understanding of the stars, the universe, the galaxies, and the purpose of this earth than anyone walking this planet possesses. We will all miss Janice, her smile, her friendship, and service to the club. I am grateful for the short times and moments that I was allowed to walk on this earth and look up at the stars with her.

Clear Skies

Bruce Horrocks

Janice Bradshaw's funeral will be August 3rd at the Allen-Hall Mortuary. There will be a viewing from 10:30 to 11:15 or so with the funeral starting at 11:30.

Alternative Mount for commercial telescope by Blaine Dickey

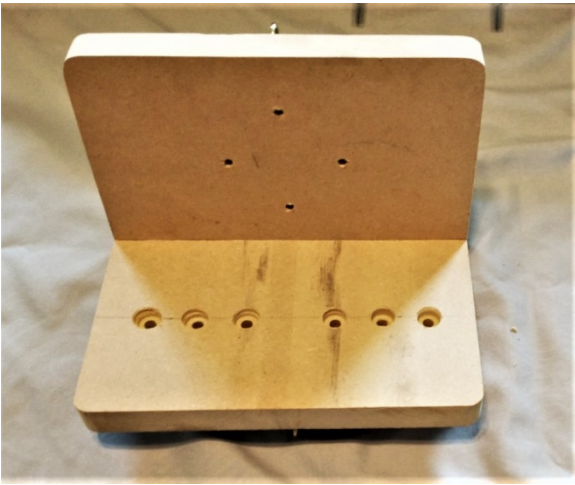
If you are like me, you have collected a few telescopes overtime that had shaky mounts. Usually these are the kind of scopes that you can buy from retail stores that do not specialize in astronomical telescopes.

Several years ago I bought a 3 inch reflecting telescope from someone that didn't really use the scope and who wanted to give it to someone who would. After purchasing the scope and examining its mount I noticed that it was less stable than was desirable. I put the scope away until recently when I decided I could use a previously built pipe mount that I had made for two other scopes that I own.

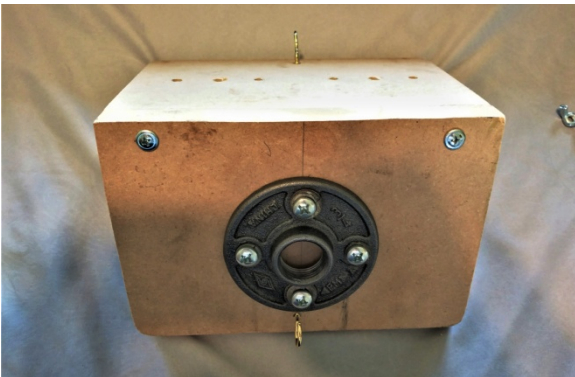
First of all I needed to have some screws attached to the telescope tube so that I could secure it to my existing mount. I used two threaded fasteners with some lock washers and nuts and added them to the telescope tube as shown in the image below.



After that I designed a cradle for holding the telescope to a previously built mount. I used a nice piece of 3/4 inch press board that I had saved from a previous project and then cut and fastened it together with glue and wood screws. Next I drilled 6 holes for the two screws on the tube to fit into. The extra 4 holes shown in the picture below are there to allow some lateral adjustment of the tube to make sure it balanced correctly onto my mount.



On the back of the cradle I added a $\frac{3}{4}$ inch pipe flange that will enable this cradle to attach to my previously built pipe mount.



Next I assembled my cradle to my telescope tube with 2 lock and wing nuts, and then added a bungee cord strap between two eyehooks to keep the scope from rocking in the cradle as shown below.



Finally, I assembled my scope to my previously built pipe mount.







This small 3 inch reflecting telescope has excellent optics and this solid and steady mount greatly enhances its use for visual observations. This type of set up is good also because it can be picked up and carried outside and set up on the grass or driveway in just a minute or two and you're ready to observe.

Upcoming Events and Anniversaries

- Aug 01 - 50th Anniversary (1971), [Apollo 15 Astronauts Find Genesis Rock on Moon](#)
- Aug 01 - 110th Anniversary (1911), [1st American Woman Receives Pilot's License \(Harriet Quimby\)](#)
- Aug 02 - [Saturn At Opposition](#)
- Aug 03 - 425th Anniversary (1596), [David Fabricius' Discovery of the First Periodic Variable Star \(Mira\)](#)
- Aug 06 - [Southern Iota Aquarids Meteor Shower](#) Peak
- Aug 06 - 20th Anniversary (2001), [Galileo, Io 31 Flyby](#)
- Aug 06 - 840th Anniversary (1181), Discovery of [Supernova 1181](#)
- Aug 07 - 45th Anniversary (1976), [Viking 2](#), Mars Orbit Insertion
- Aug 10 - 55th Anniversary (1966), [Lunar Orbiter 1](#) Launch
- Aug 12 - [Perseids Meteor Shower](#) Peak
- Aug 16 - 60th Anniversary (1961), [Explorer 12](#) Launch
- Aug 17 - 55th Anniversary (1966), [Pioneer 7](#) Launch
- Aug 17 - [Pierre de Fermat's](#) 420th Birthday (1601)
- Aug 19 - [Jupiter At Opposition](#)
- Aug 19 - [Mercury](#) Passes 0.07 Degrees From [Mars](#)
- Aug 19 - [Orville Wright's](#) 150th Birthday (1871)
- Aug 19 - [John Flamsteed's](#) 375th Birthday (1646)
- Aug 22 - [Blue Moon](#)
- Aug 24 - 15th Anniversary (2006), [Pluto Demoted As A Planet](#)
- Aug 25 - [Northern Iota Aquarids Meteor Shower](#) Peak
- Aug 25 - [Mars Summer Solstice](#)
- Aug 26 - 40th Anniversary (1981), [Voyager 2](#), Saturn Flyby

Library Loaner Telescope Program Status

10/31/2020

Library	Telescope Donated By	Telescope Placed	Available for Checkout	Library Status
Logan Library	CVAS	6/10/2018	10/15/2018	Loaning out with Holds pending
Logan Library #2	ICON Health & Fitness 	6/18/2019	7/15/2019	Loaning out
Hyrum Library	CVAS	12/11/2018	2/1/2019	Loaning out
Smithfield Library	Occipital, Inc	12/14/2018	4/10/2019	Loaning out
North Logan Library	Utah NASA Space Grant Consortium 	3/4/2019	4/5/2019	Loaning out
North Logan Library #2	Friends of the North Logan Library	10/26/2020	11/1/2020	Loaning out
Cache County Library (Providence)	INOVAR & CVAS Members	3/1/2019	5/22/2019	Loaning out
Lewiston Library	Schreiber Food's 	7/9/2019	9/1/2020	Loaning out
Richmond Library	Anonymous	10/25/2019	1/25/2019	Loaning out
Preston Library	Idaho NASA Space Grant Consortium	9/5/2019	9/26/2019	Loaning out
Mendon Library	Campbell Scientific 	4/8/2019	5/30/2019	Loaning out
Newton Library	A Club Member	9/24/2019	9/24/2019	Loaning out

CACHE VALLEY ASTRONOMICAL SOCIETY MEMBERSHIP APPLICATION FORM

Member # _____

NAME: _____
 First Middle Initial Last

Address: _____
 Street City State Zip Code

Home Phone: _____ Cell Phone: _____

Work Phone : _____ Occupation : _____

Email Address: _____

How did you learn about CVAS?

_____ Website _____ Star Party _____ CVAS Member _____ Other _____

Membership: \$20 lifetime membership

Tell us about yourself: Do you have a special interest in astronomy? Do you have special skills? Are you willing to volunteer on CVAS projects or attend public outreach star parties? Astro equipment owned.

By signing this application, I acknowledge I have access to the CVAS website, cvas-utahskies.org, and the CVAS Constitution. I agree to abide by the constitution.

Signature: _____ Date: _____

Bring this form to the meeting or Mail Application to:

Janice Bradshaw, Treasurer
175 W 700 S
Wellsville, UT 84339

For any questions contact our Treasurer, Janice Bradshaw at lojbrads@yahoo.com
or our Secretary Wendell Waters at wendellw57@comcast.net