



## Cache Valley Clear Skies

The Journal of the Cache Valley Astronomical Society



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[www.cvas-utahskies.org](http://www.cvas-utahskies.org)

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### Meeting Announcement

Look here for information about a club star party on August 6<sup>th</sup>. More details to follow



### The President's Corner By Bruce Horrocks – CVAS President

Welcome to Summer! I always have enjoyed the summer months. The smell of sulfur in the fireworks, fresh cut alfalfa hay, and the warmer nights. We hope that this will be a great summer for all of us and with the Covid-19 fading out that we can do some star parties as a club.

We finally met in person for the first time as an executive club committee the other day to discuss some club activities and some other business. As you know the current committee has been in for 2 years now and we would like to reorganize our executive committee this fall. We currently have a few positions that we could use some help on and so if you have some extra time and would like to participate please let one of us know. In our meeting we also discussed some star parties and it looks like we will be holding several this summer.

With our library telescope program, we are talking to the libraries and seeing if they would like a star party at their libraries. Currently we know that the Logan library is interested, and we are sure there

will be more. We are planning on a club star party for August 6<sup>th</sup> so save the date. We are looking at some possible dark sky sites and will let you know as we get closer.

We have seen some great pictures shared around on our email list and we do enjoy seeing these. As we discussed in our executive meeting, we are thinking that we will set up a Facebook group and encourage you all to join this. Using this social media platform, we will be able to share more photos, interesting articles, and other club information in a manner that will not be disruptive to our club members. We feel that by using this form of sharing photos that you can go see them as you like and not have emails popping up all the time on your computer. I personally belong to several other Facebook groups dealing with astronomy and I would strongly encourage you to do the same. These are a very helpful resource and can be a great help to you.

Most of these groups are moderated by some administration and so any non-related posts or information that is not appropriate will be deleted. Our other hope is that by moving the sharing of photos to the Facebook group that when you do receive an email from CVAS you will know that it contains pertinent information concerning club activities that should be important. I know that with email account I receive 50 or more emails each day with respect to work, advertisement, junk, and some social mails like our club. Often with so many I just skip over them and at times miss many things that I just didn't have time for. If you have any thought about this, please let us know and we do hope to have our CVAS Facebook group set up very soon for you to join and share your images and articles on.

We would like to thank all of you that were able to help with the Preston Jr. High School star party. It was a bit challenging with the clouds, but I think it still worked out okay. I had several of the teachers comment out grateful they are for our club and willing to come up and share our telescopes and information with their students. As I mentioned earlier, we are planning on hosting several star parties this summer and we will get news to you as we get these scheduled and planed. Thanks again for your help and hope you have a great summer.  
Clear Skies  
Bruce Horrocks

## **Astronomy on the Radio, by Blaine Dickey**

There are some great astronomy related programs on online radio that can be streamed to your phone, tablet, or computer.

“**Tune In**” is the radio app I use on my android phone, tablet, and Windows10 laptop, to listen to astronomy related radio programs. This app can be downloaded to your android device or to a Windows 10 laptop or desktop computer from the Google Play store. With this app I have searched and found quite a few interesting programs relating to astronomy.

“**365 days of Astronomy**” is my favorite radio station regarding astronomy that I listen to. Each day a new segment relating to a specific topic of astronomy is broadcast. For example today while I was writing this article the following programs were listed.

1. Actual Astronomy – Variable Star Observing with Dr. Stella Kafka and the AAVSO
2. The Daily Space – Missing matter foundation in intergalactic Space.
3. Guide to Space – Why is the Moons South Pole So important?
4. Astronomy Cast Ep 193 – Astronomy with the unaided eye.
5. Travelers in the Night Eps: 545 & 546 Celestial Congestion & Snoopy

Another radio station that discusses planetary missions and planetary science is called “**Planetary Radio**”. Here are some of the recent programs listed.

1. The High Frontier: A New Documentary About Gerard K. O’Neill
2. The First Space Shuttle Pilot: Bob Crippen on the 40<sup>th</sup> Anniversary of the STS-1
3. Space Policy Edition: Biden Names His NASA Administrator
4. NASA’s TESS Exoplanet Mission Finds Over 2,000 Possible New Worlds.
5. The Perseverance Rover and a Great First Month on Mars.

“**Astronomy FM**” also has some astronomy related programs; however, not all of the programs offered on this station are astronomy related. This station does not usually list what their shows will be in

advance. It is run by volunteers so you may not always find something on this station.

**“Star Talk”** radio with Neil Tyson as the talk show host often has programs related to astronomy but not always. He often has guests that he interviews on various subjects.

There are other stations that have programs relating to astronomy but ones listed in this article are among my favorites, especially 365 days of Astronomy and Planetary Radio. The programs broadcast will appeal to beginners in astronomy as well as to those who are more advanced. These programs vary in length from 5 or 10 minutes to over an hour.

If you haven't listened to any of these stations, you might want to give it a try. I don't think you will be disappointed.



## Special Announcement

The time has come for me to step aside as the secretary of CVAS and thus as the editor of the society's newsletter. I would like to thank everyone who helped in any. Without the articles, photos and suggestions to the newsletter it simply would not be. A special thanks to Dale Hooper. Any heights this newsletter may have achieved are because of his groundwork from the beginning.

If anyone is interested in taking on the secretary's duties, please let a member of the CVAS executive committee know. I will stay on until the beginning of our next "year" in September. Thanks again to everyone in CVAS.

The Editor

## Upcoming Events and Anniversaries

- Jun 01 - 85th Anniversary (1936), [Founding of the Caltech Rocket Research Group](#) (Precursor to JPL)
- Jun 02 - 55th Anniversary (1966), [Surveyor 1](#), Moon Landing
- Jun 04 - 2800th Anniversary (780 BC), 1st Reliable Record of a Total Solar Eclipse (Chinese)
- Jun 06 - 260th Anniversary (1761), [Mikhail Lomonosov's Discovery of Venus' Atmosphere](#)
- Jun 08 - [World Oceans Day](#)
- Jun 10 - [Annular Solar Eclipse](#)
- Jun 11 - 20th Anniversary (2001), [Google Earth](#) Released
- Jun 19 - 45h Anniversary (1976), [Viking 1](#), Mars Orbit Insertion
- Jun 24 - [Supermoon](#)
- Jun 24 - 140th Anniversary (1881), [William Huggins](#) Makes 1st Photographic Spectrum of a Comet (1881 III)
- Jun 26 - 15th Anniversary (2006), [Scott Sheppard](#) et al's Discovery of Saturn Moons [Surtur](#), [Jarnsaxa](#), [Greip](#) & [Loge](#)
- Jun 28 - 10th Anniversary (2011), [Mark Showalter's](#) et al's Discovery of Pluto Moon [Kerberos](#)
- Jun 28 - [Elon Musk's](#) 50th Birthday (1971)
- Jun 30 - [Asteroid Day](#)

## 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.

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By signing this application, I acknowledge I have access to the CVAS website, [cvas-utahskies.org](http://cvas-utahskies.org), and the CVAS Constitution. I agree to abide by the constitution.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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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](mailto:lojbrads@yahoo.com)  
or our Secretary Wendell Waters at [wendellw57@comcast.net](mailto:wendellw57@comcast.net)