



# CAPE FEAR Skies

Monthly Newsletter  
**Cape Fear Astronomical Society**  
Serving Wilmington, NC and Surrounding Areas



*Cape Fear Astronomical Society is a tax-exempt organization under Section 501(c)(3) of the Internal Revenue Code.*

**November 2022**

## President's Report

*by Jon Stewart-Taylor*

We had a very nice Club Observing Session at the club observatory, despite less than perfect weather. Karl, Skip, the Tuckers with their new 10" Celestron dob, and I were there as it grew darker. The dew fell fairly early, which frustrated Karl's attempt to take some images. In spite of the dew, we managed to look at the fall globular clusters and other tourist traps. I was impressed with the StarSense attachment and application, turning a normal dob into a push-to scope. With a very brief setup, the software enabled Tom to find first the planets, then deep-objects.

The observatory is getting a major upgrade. Under Hank's leadership, with assistance from Karl and I, we began the installation of a permanent pier for the club's classic C8. We plan to mount the wedge on the pier, and then the C8 can be mounted very quickly, and already polar aligned. I'm looking forward to investigating what we can do with that setup in place.

*At right: The Editor, observing.*

October was the first of two nominations months. We've had a nomination for every elected office. Ben Steelman agreed to run for President, Brendan O'Byrne for VP, Jon for AVP, George returning as Secretary, and Bill Cooper as Treasurer. Many thanks to those agreeing to run: without the officers the club could not function.

We are still looking for a potential host for our Holiday Celebration/Yearly Meeting. Traditionally, members bring dishes to share, then we hold the annual election. The meeting finishes off with a look forward and backward, then continued celebrating. If you'd be interested in hosting, please let us know.



# Calendar

## November 2022

### Date – Event – Time

- 01 First Quarter Moon; 06:38 UTC
- 06 Daylight Savings Ends; Fall Back; 01:00
- 08 Total Lunar Eclipse; 06:00 UTC; 11:00:00 AM UTC  
Total Eclipse of Moon (Umbra starts ~4:10 AM - Karl)
- 08 Full Moon; 11:02 UTC
- 09 Uranus at Opposition; 08:00 UTC

### 13 ★ Cape Fear Astro Monthly Meeting ★

**CFAS Monthly Meeting - 7:00pm – 9:00pm**  
**212 DeLoach Hall; UNCW**  
**Also simulcast via Zoom**

- 16 Last Quarter Moon; 13:28 UTC
- 17 Leonid Meteors; 18:00 UTC; ZHR 10; Moon one day past last quarter

**18 Club Observing @ Starfields (the Club Observatory);  
6:00 PM; 3<sup>rd</sup> Quarter Moon**

**19 Club Observing @ Starfields (the Club Observatory);  
6:00 PM; 3<sup>rd</sup> Quarter Moon**

- 23 New Moon; 06:56 UTC

**25 Club Observing @ Starfields (the Club Observatory);  
5:30 PM; New Moon**

**26 Club Observing @ Starfields (the Club Observatory);  
5:30 PM; New Moon**

- 30 Mars closest to earth; disc 17 arcsec
- 30 First Quarter Moon; 14:37 UTC

### 2022 Public Events

There are no more Public Events this year.

**Thank You!** To all who participated!

### Special Interest Groups (SIGs)

*Usual meeting dates – watch emails for exceptions*

Phenomena:	First Wednesday
Both Eyes:	Second Tuesday
Telescope Usage:	Third Tuesday
New Astronomer:	Third Wednesday
Outreach: Fourth	Tuesday

### Astro phenomena from:

<https://www.universalworkshop.com/astronomical-calendar-any-year/>

### Next Meeting Presentation

Jon Stewart-Taylor will present a program on the ESA/NASA Solar Orbiter, including its mission, launch, and science.



## 2 Items For Sale

by Steve Hilliard

### 17mm Nagler Eyepiece

I have a Televue 17mm Nagler Type 4 to sell. I haven't used it much the last 2 years so I am parting with it. Glass is in great shape, and the body is too. A couple of small marks on the barrel, the biggest is shown in the picture. Comes with original box and pupil guide also. \$295



### Soft Telescope Case

Orion Padded Telescope Case  
47x14x14 very good condition \$50



If interested, contact Steve at  
asheville2017@gmail.com  
or 910-617-8705

## Associate Vice Presidential Ramblings

by Karl Adlon

"Presidential Ramblings" was the first article in "The Meridian", the newsletter of the Quad Cities Astronomical Society based in Davenport, Iowa. Seems like a good title here.

"What's past is prologue" is a quotation by William Shakespeare from his play The Tempest.

I started off observing with a 3" f10 Newtonian I received for Christmas when I was in my early teens. Then I got into clubs, club activities, presentations, elected Board positions, newsletter editors, etc. Now, I really just want to get my telescope out under the stars. I'll even use Public Events as an excuse to do that.

-----

Friday night I was at our observing field with 4 others. I started up my G11 and told it to use Alberio for the first alignment star and go to it. It started moving in the wrong direction and stop when it was pointed a little bit below the horizon. Confused I looked at the settings.

The scope uses Universal time. It showed the following day which I thought was okay for Universal time. Then I checked the app on my phone for Universal time and I saw it was way off maybe 8 or 10 hours.

And I remembered I had set a fictitious time after a circuit failure was repaired and I wanted to see that it worked.

So if you use a fictitious time for any reason. Be sure to set is back to actual time!!

Oh, and by the time I got everything straighten out, clouds rolled it! It was an early night.



## Get to Know YOUR Astronomical League



The Astronomical League (Astroleague or AL) is one of the largest amateur astronomical organizations in the world. The organization serves to encourage an interest in astronomy (especially amateur astronomy) and promote the science of astronomy by:

- ✓ fostering astronomical education;
- ✓ providing incentives for astronomical observation and research;
- ✓ assisting communication among amateur astronomical societies.

CFAS is one of over 300 member societies affiliated with the Astroleague. Your membership in CFAS allows you take full advantage of this relationship so periodically review the information below to see how the Astroleague can support your astronomical interests and endeavors.

AL Home Page	<a href="http://www.astroleague.org">www.astroleague.org</a>
<i>(Revised!)</i> AL Observing Programs List	<a href="https://www.astroleague.org/al/obsclubs/AlphabeticObservingClubs.html">https://www.astroleague.org/al/obsclubs/AlphabeticObservingClubs.html</a>
<i>(New!)</i> What's Up Doc?	<a href="http://humbleisd.net/Page/81224">http://humbleisd.net/Page/81224</a>
Solar Neighborhood Observing Program	<a href="https://www.astroleague.org/content/solar-neighborhood-observing-program">https://www.astroleague.org/content/solar-neighborhood-observing-program</a>
Astroleague Store <i>(Holiday Gift Ideas!)</i>	<a href="https://store.astroleague.org/">https://store.astroleague.org/</a>
Current and Past Issues of <i>Reflector Magazine</i>	<a href="https://www.astroleague.org/reflector/april-2022-reflector-magazine">https://www.astroleague.org/reflector/april-2022-reflector-magazine</a>
CFAS ALCor	Hank Lyon, <a href="mailto:hlyon8448@gmail.com">hlyon8448@gmail.com</a>
<b>AL News Bites and Reminders</b>	<p><i>What is What's Up Doc?</i> Created by Aaron Clevenson (one of the AL National Observing Program Coordinators), <i>What's Up Doc?</i> is a monthly tool designed to help Astronomical League members manage their progress with the AL Observing Programs.</p> <p>If you've provided a mailing address to CFAS, please remember that your quarterly <i>Reflector</i> magazine will arrive via US Mail unless you specify the digital/email version.</p>

The Astroleague Correspondent (or ALCor) is your link between CFAS and the Astroleague. Don't hesitate to contact your ALCor if you need assistance with anything Astroleague related whether its general information or detailed coordination of observing program completions for certification. Check back here each month to see any new links, postings or reminders.

Copyright © 2022 Cape Fear Astronomical Society. All rights reserved. For permission requests, write to the Society, addressed "Attention: Permissions Coordinator," at the address below.

### CFAS Correspondence:

Please contact the society at: CFAS, P.O. Box 7685, Wilmington, NC 28406

Members are welcome and encouraged to submit articles or other input for "CAPE FEAR SKIES". Submit any and all interesting items for publication to Karl Adlon, Editor (email [kmja79@yahoo.com](mailto:kmja79@yahoo.com)).

***Cape Fear Astronomical Society is a tax-exempt organization under Section 501(c)(3) of the Internal Revenue Code.***

### CFAS Officers:

President: Jon Stewart-Taylor  
 Vice-Pres: Skip Hagers  
 Associate VP: Karl Adlon  
 Secretary: George Pappayliou  
 Treasurer: Ben Steelman  
 ALCor: Hank Lyon

**Dues:** Dues for 2022 are \$25 for Individual and \$32 for Family Membership. Students dues are \$5 per year.

Mail to :CFAS, P.O. Box 7685, Wilmington, NC 28406

### Contact Us:

You can contact CFAS at [info@capefearastro.org](mailto:info@capefearastro.org)

Our website is <http://www.capefearastro.org/>