



# CAPE FEAR *Skies*

The Monthly Newsletter  
of the  
Cape Fear Astronomy Club

VOLUME 2 NUMBER 10

OCTOBER 1987

## September Meeting Highlights

The meeting began at 7:00 pm. Ronnie Hawes showed slides of his trip to the Kennedy Space Center and then a short film titled "To the 10th Power".

Wayne Teachey agreed to serve as Assistant Vice President and Barbara McGowan will serve as Secretary until the next elections which will be held in January.

Alan Hilburn discussed the importance of all club members being involved and asked for volunteers for several new committees being formed.

Tom Jacobs has agreed to serve as newsletter editor. Herman Bryant will be in charge of refreshments for the meetings. David Maness is heading the Financial and Fund-raising Committee. He has already contacted several companies and requested information about observatories, large telescopes, etc. He reports that responses are already coming in. Other committee chairmans include: Wayne Teachey, Public Sessions; Steve Reynolds, Club Observing Sessions.

Our next meeting is scheduled for October 4, 7:00 pm at Morton Hall. We hope to see you there.

## Public Viewing Sessions Planned

The next scheduled public viewing will be held at Fort Fisher on October 17th. Members will be contacted with the details and to see who will be bringing telescopes. We hope for good participation from our members.

There will possibly be a public viewing on October 3rd. It will also be at Fort Fisher. Members will be contacted.

## Yard Sale, T-Shirts, Etc.

The next yard sale will be held on Saturday, November 7th. All members are encouraged to gather items no longer needed or wanted. A committee will be formed to collect and store items, to secure a location and to contact members. Debbie Petty and Barbara McGowan plan to coordinate a bake sale to be held at the time of the yard sale.

The T-shirts have been ordered and should be in soon. Alan is taking orders for the 1988 calendars. Cost will depend on the number ordered. Ronnie is also taking orders for *Astronomy* magazine. The cost is \$14.00 per year.

## A Call For Volunteers

Any member interested in working on any project or committee should contact Alan or Paul who will put you in touch with the committee chairman.

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## Workshop/ Picnic

Seven members attended our September workshop. Much was accomplished during the meeting such as, work on the scrapbook, setting up the Astro-Calendar, future plans, projects, trips, etc. Another workshop is planned for November.

Including members and family, over twenty people showed up for our annual picnic. A good time was had by all. But unfortunately, the occultation of the Pleiades and the moon was clouded out.

## Something's Different

You may have noticed something different about this month's newsletter. The recent change of editors and the use this month of a Macintosh® desktop publishing system account for the condensed state.

## Upcoming Events

**October 3**  
Public Viewing Session, Fort Fisher Museum

**October 17 and 18**  
Public Viewing Session, Fort Fisher. Jupiter Opposition.

**October 24 and 25**  
Fort Fisher rain dates.

**November 7**  
Club Yard Sale 7am - 2pm  
Public Viewing Session, Fort Fisher

## The October Sky Calendar

*To convert UT to EDT subtract 4 hours\*.*

- |    |  |    |  |
|----|--|----|--|
| 3  | Andromedid Meteors   | 21 | Orionid Meteors.<br>04:00 UT Moon passes 1.7° south of Mars.   |
| 4  | First Satellite SPUTNIK 1 is launched 1957.<br>0100 UT moon at perigee.<br>10:00 UT Mercury at greatest eastern elongation 27.7° from sun.<br>20:00 UT Venus 3° North of Spica, mag. -3.4 and +1.0 respectively. | 22 | 17:28 UT Moon new.   |
| 6  | 10:00 UT Moon at ascending node.   | 24 | 03:00 UT Moon passes 4° south of Venus.  |
| 7  | 04:12 UT Full moon/Penumbral eclipse 12:01 am EDT.<br>Comet Bradfield perihelion   | 25 | Clocks back 1 hour to EST.<br>*UT conversion, subtract 5 hours.<br>Comet Reinmuth 2 at perihelion.   |
| 8  | Moon passes 4° north of Jupiter.   | 26 | 09:00 UT Moon passes 6° south of Saturn.<br>19:00 UT Moon passes 5° south of Uranus.                 |
| 9  | Draconid or Giacobinid Metors.   | 27 | 14:00 UT Moon passes 6° south of Neptune.<br>15:00 UT Moon passes 0.06° north of Ceres. Occultation. |
| 11 | Mercury at greatest latitude south of ecliptic plane (-7°)   | 28 | 08:00 UT Mercury at inferior conjunction/moves to morning sky.                                       |
| 14 | 18:06 UT Moon at last quarter.   | 29 | Birthdate of Edmund Halley (1656-1742)<br>17:10 UT Moon at first quarter.                            |
| 15 | 21:00 UT Moon at apogee  | 30 | Comet Harrington at perihelion.<br>03:00 UT Moon at perigee.   |
| 16 | Comet Brooks at perihelion.  |    |  |
| 18 | Jupiter at opposition.   |    |  |
| 19 | Epsilon Geminid Metors.  |    |  |
| 20 | 01:00 UT Mercury 3° south of Venus, mags. +1.2 and -3.3 respectively.  |    |  |

## Comet Bradfield Ephemeris

Date	RA	Dec	Mag
Oct. 4	15 57.5	-10.32	+7.0
Oct. 11	16 17.7	-08.24	+6.6
Oct. 18	16 39.4	-06.00	+6.3
Oct. 25	17 02.8	-03.19	+6.0
Nov. 1	17 28.1	-00.20	+5.7