

Cape Fear Skies

*The Official Newsletter of the
Cape Fear Astronomical Society
Wilmington, North Carolina*

A Member Society of the Astronomical League

Volume 23 no. 2 ★ February 2008

www.capefearastro.org



*This Month's Meeting –
Sunday, February 10, 2008*

*Unitarian Universalist Fellowship of
Wilmington*

4313 Lake Avenue

The business meeting of
the Cape Fear Astronomical Society
will begin at 7:00 pm.

The general meeting will begin at 7:45 pm.

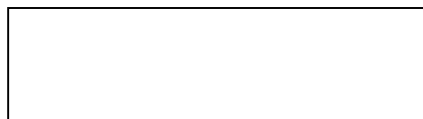
Gastronomy!

Please join us for dinner before the meeting at Flaming Amy's
on Oleander, at 5:15pm!



CAPE FEAR SKIES

Acting Editor: Ric Longren
6612 Shire Road
Wilmington, NC 28411



Cape Fear Astronomical Society

No meeting minutes submitted

Event Calendar for February 2008

Feb 6	New Moon, 10:44 pm
Feb 8/9	CFAS Group Viewing Sessions
Feb 9	Moon passes 3° north of Uranus, 5 am
Feb 10	Neptune in conjunction with sun, 9 pm
Feb 10	CFAS November Meeting 7:00 pm
Feb 13	Moon at perigee, 7:56 pm, 230,043 miles First quarter Moon, 10:33 pm
Feb 16	Moon passes 1.6° north of Mars, 3 am
Feb 20	Full Moon, 10:30 pm, total lunar eclipse
Feb 21	The Moon passes 3° south of Saturn, 7 am
Feb 24	Saturn is opposition, 5 am
Feb 25	Mercury passes 1.3° north of Venus, 10 pm
Feb 26	Moon at apogee, 8:57 pm, 251,309 miles
Feb 28	Last quarter Moon, 9:18 pm

All times are EST unless otherwise noted



News Cluster

► The next meeting of the Cape Fear Astronomical Society is February 10 starting at 7:00 pm. The meeting will be held at the Unitarian Universalist Fellowship of Wilmington (UUFW for short). The program for the evening is the discovery of pulsars presented by Tom Jacobs.

► Club membership dues are due and must be paid by March to remain a member in good standing.



Please Welcome to CFAS:

Pamela Moore
226 Burbank Road
Wilmington, NC 28412
(910) 395-6644

Elmer Small
1525 Dorsey Lane
Leland, NC 28451

Mike Smith
3421 Amber Drive
Wilmington, NC 28409
cell: (910) 470-5594



News from Our Sister
Society Down Under
Astronomical Society of Albury
- Wodonga

For the latest news from down under, check out our sister society's web site at www.asaw.org.au.

Planets in February 2008

Planet	Nov	Elong.	Mag.	Dia.	Illum.	Dist.
Mercury	1 st	12° Ev	+1.9	9.3"	12%	0.724
	10 th	8° Mo	+3.7	10.3"	4%	0.651
	20 st	22° Mo	+0.6	8.9"	31%	0.755
Venus	29 st	27° Mo	+0.1	7.5"	51%	0.895
	1 st	32° Mo	-3.9	12.5"	85%	1.336
	10 th	30° Mo	-3.9	12.1"	87%	1.384
Mars	20 st	28° Mo	-3.9	11.6"	89%	1.435
	29 st	26° Mo	-3.9	11.3"	90%	1.478
	1 st	133° Ev	-0.6	12.0"	95%	0.778
Jupiter	15 th	120° Ev	-0.2	10.5"	92%	0.895
	29 st	109° Ev	+0.2	9.1"	91%	1.024
	1 st	32° Mo	-1.9	32.6"	100%	6.050
Saturn	29 st	54° Mo	-2.0	34.3"	99%	5.741
	1 st	154° Mo	+0.4	19.8"	100%	8.375
Uranus	29 st	175° Ev	+0.2	20.0"	100%	8.295
	15 th	22° Ev	+5.9	3.4"	100%	20.010
Neptune	15 th	4° Mo	+8.0	2.2"	100%	31.027
Pluto	15 th	55° Mo	+14.0	0.1"	100%	31.968

Elong. – elongation from the Sun: morning (Mo) and evening (Ev)
Dist. – distance from Earth in astronomical units

Total Eclipse of the Moon, February 20-21, 2008

Eclipse Event	EST
Penumbra first visible?	8:05 pm
Partial Eclipse begins	8:43 pm
Total eclipse begins	10:00 pm
Mid eclipse	10:26 pm
Total eclipse ends	10:52 pm
Partial eclipse ends	12:09 pm
Penumbra last visible?	12:45 pm

CFAS Membership List 2/1/08

expires:

1	08	cell:686-7919	352-2593	Chris Babson Sam Bissette
2	L		452-9636	Julie Bowen
3	08		350-1968	John Buccini
4	08		792-0902	Susan Buccini
5	08		792-0797	Arita Ann Burleigh
6	08	cell:792-9382	264-8388	Si & Maria Cantwell
7	08		799-9642	Betty A. Christmas
8	08		796-8864	J. Thad Coin
9	08		371-0212	Tony Cortese
10	08		452-0825	David East
11	08	(843)	215-6992	Philip & Mary Kaye Favaro
12	08		392-4442	Bob & Jackie Fetterman
13	11		602-3303	Lewis Gorre
14	08		799-2255	Doug Greene
15	08		763-2529	Jonathan Guetta
16	08	cell:262-6710	846-5421	Luther (Skip) Hager - Secretary
17	L		762-1033	Ronnie Hawes – President
18	08		383-3753	Wayne & Debbi Hayden
19	08	cell:520-0689	458-3087	Terry Herrin - Vice President
20	L	cell:409-1719	798-9563	Alan Hilburn - Assoc. VP
21	L		791-7058	Page Hilburn
22	08		200-9058	Mark & Kristin Hudson
			799-1545	Lee Jackson
23	08	cell:233-9577	686-2773	Tom Jacobs
24	08		392-1295	Rick Jennings
25	08		200-2035	Christa Johnson
26	08	cell:392-9521	471-9520	Billy Kidney
27	08		328-5357	Les and Connie King
28	08		675-2556	Becky & George Lewis
29	09		452-3490	Ric Longren
30	08		798-8269	John McHarry
31	08	(336)	963-1362	Letisha McLaughlin
32	09		(395-6644	Pamela Moore
33	08		278-8973	Bill & Holly Mullin
34	09		686-1585	Mitch & Leslie Odess
35	L			Debbie Petty
36	08		520-2090	Robert Pool
37	08		278-9646	Hal Schutt & Kathryn Scanlon
38	09			Elmer Small
39	09	cell:470-5594		Mike Smith
40	09		762-6417	Ben Steelman – Treasurer
41	08		791-3438	Paul Walker
42	08		509-0328	Bryan & Kim Weckel
43	08		791-7243	Rich & Barbara Williams

CFAS Web Site - <http://www.capefearastro.org>

(Note: email addresses for member's use only, unless followed by a # symbol)

334 York Court	Wilmington, NC 28411	neochrism@aol.com
In Fond Memory		Mail Newsletter to Ruby Bissette
201 Brookview Road	Wilmington, NC 28409	Mail Newsletter (bad address)
118 Braxlo Lane	Wilmington, NC 28409	Mail Newsletter (send to Susan's address)
233 N Channel Haven Drive	Wilmington, NC 28409	buccini@aol.com
903 Ruffin Street	Wilmington, NC 28412	abnc28412@excite.com (Mail Newsletter)
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10215 Shady Moss Court	Leland, NC 28451	acortese@ec.rr.com
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223 Merricks Court	Rocky Point, NC 28457	gorre9@netscape.com
5807 Dorothy Avenue	Wilmington, NC 28403	twogreenes@bellsouth.net #
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In Fond Memory		
PO Box 4245	Wilmington, NC 28406	tdj0@bellsouth.net
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876 Spring Valley Road	Doylestown, PA 18901	wjm5107@aol.com - Summers on Oak Island
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3421 Amber Drive	Wilmington, NC 28409	aliasmith@bellsouth.net
1610 Chestnut Street	Wilmington, NC 28401	ben.steelman@starnewsonline.com
4924 Park Avenue	Wilmington, NC 28403	Mail Newsletter
537 Moss Tree Lane	Wilmington, NC 28405	weckelMD@ec.rr.com
3408 Upton Court	Wilmington, NC 28409	richwlms1@yahoo.com # kimwlms@aol.com #

43 Members – 5 Lifetime
Newsletter Delivery – 9 mail, 34 email

*Meetings of the CFAS are held on the first Sunday of
The month (if holiday weekend or special event, second Sunday)
at*

**7:00pm – Unitarian Universalist Fellowship of
Wilmington**

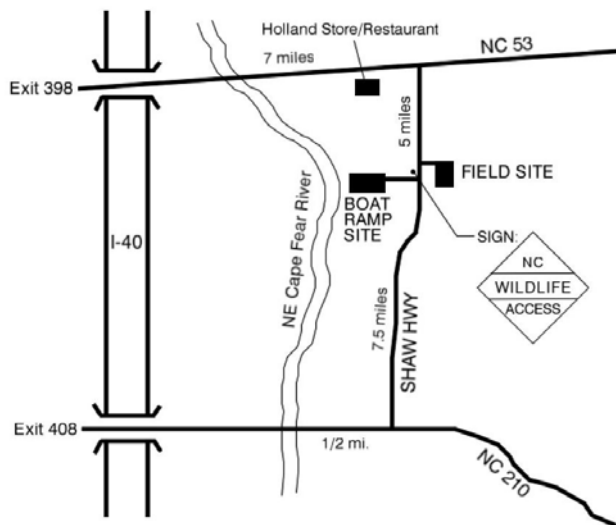
Group Viewing Sessions 5194

Call Ron Hawes at 762-1033 or check our email list to confirm a formal viewing session. Listed below are moonless nights so you can schedule a good viewing. All group viewing sessions will be at the Holly Shelter boat ramp site, unless otherwise specified. Time: Dusk until ?

Friday, February 8 Saturday, February 9

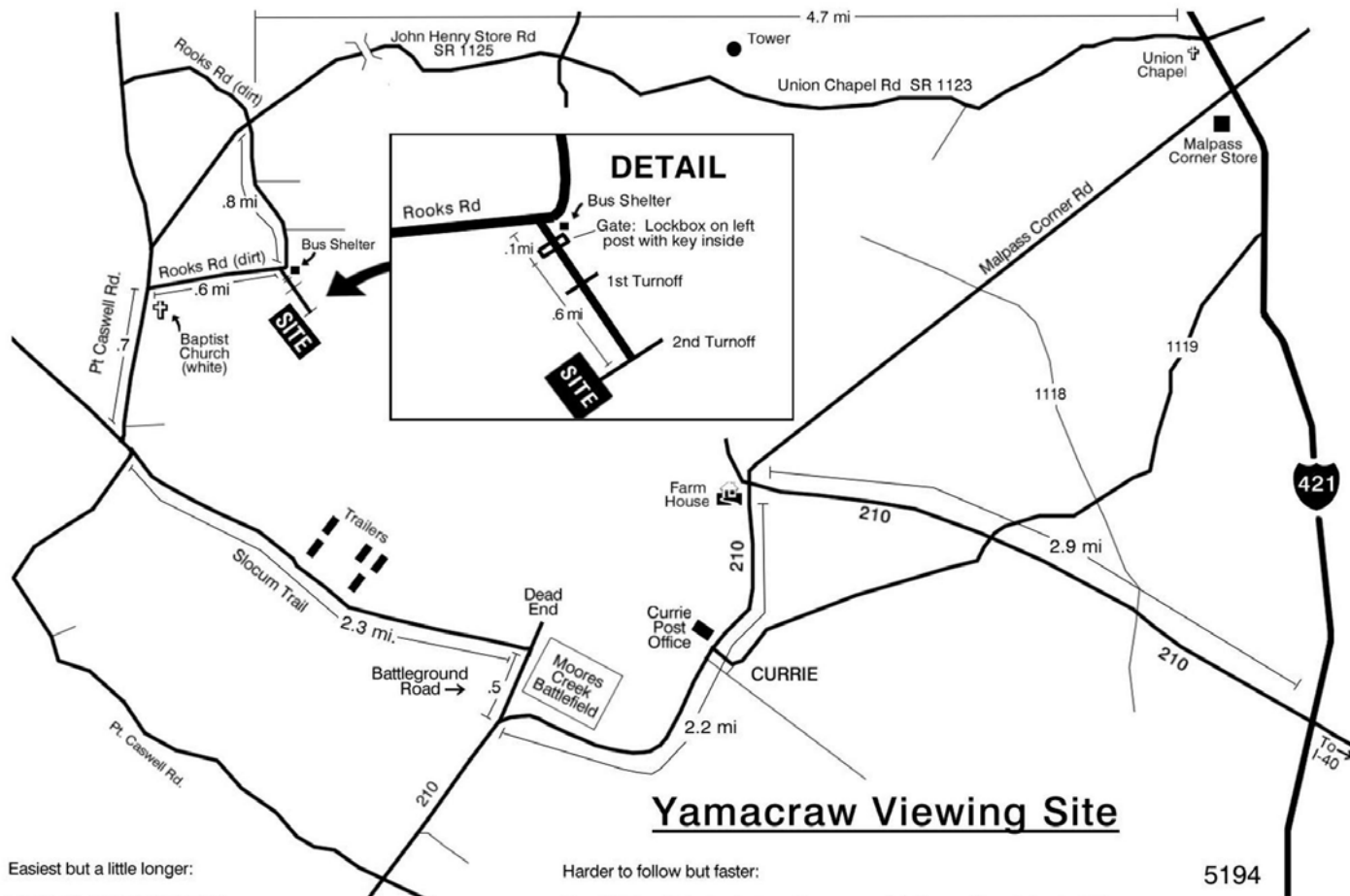
Please be cautious of unusual wildlife behavior while observing. A golf club or stick could be useful to keep nearby.

Holly Shelter Viewing Sites



Field Site Gate Open:
September 1 - February 29 and April 7 - May 14.

Please have your Holly Shelter Permit with you at the site.



Yamacraw Viewing Site

Easiest but a little longer:

Travel 421 north to truck stop.
Go approx. 20.5 miles and turn left onto Union Chapel Road.
Follow for 4.7 miles (becomes John Henry Store Road) and take left onto Rooks Road (dirt).
Follow Rooks Road .8 miles around curve, pass bus shelter and take left onto our site's road.
Travel .1 mile, unlock/relock gate, travel .6 miles, take 2nd right.

Harder to follow but faster:

Travel 421 north to truck stop. Go approx. 17 miles and turn left onto 210.
Follow 210 for 2.9 miles to intersection (stop sign and big white farm house), turn left onto 210 W.
Follow 210 W past Currie Post Office and Battlefield, turn right onto Battleground Rd.
Follow Battleground Rd. .5 miles, take sharp left onto Sloucum Rd, follow for 2.3 miles.
Take a right onto Pt. Caswell Rd, follow .7 miles past Church, take right onto Rooks Road (dirt).
Follow Rooks Rd .6 miles, turn right onto our site's road. (If you see the bus shelter, you've gone too far.)
Travel .1 miles, unlock/relock gate, travel .6 miles, take the 2nd road on the right to our site.

5194