

Cape Fear Skies

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

A Member Society of the Astronomical League

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www.capefearastro.org



*This Month's Meeting –
Sunday, September 7, 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
Bowl behind the old Cinema Grill, at 5:15pm!



CAPE FEAR SKIES

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Cape Fear Astronomical Society

No August Meeting Minutes provided

Editors Note: The club has published meeting minutes 7 times out of the last 12 meetings. Not a great track record.



News Cluster

► The next meeting of the Cape Fear Astronomical Society is Sept 7 starting at 7:00 pm. The meeting will be held at the Unitarian Universalist Fellowship of Wilmington (UUFW for short).

► This month's presentation will be "Super Nova Remnants: Studying the Remains" given by our former Secretary and budding Astrophysicist Letisha McLaughlin Don't miss this one.

► Mid Atlantic Star Party 2008 will be held near Robbins NC from October 27 – November 2. For more information and directions visit www.masp.org.



Please Welcome to CFAS:

Neil Horne

Event Calendar for September 2008

- Sept 1 Moon passes 5° south of Venus, 5 pm
- Sept 2 Moon passes 5° south of Mars, 4 am
- Sept 3 Saturn is conjunction with the Sun, 10 pm
- Sept 7 CFAS September Meeting 7:00 pm**
- Sept 7 First Quarter Moon, 10:04 am
Moon at apogee, 10:57 am, 251,167 miles
Jupiter is stationary, 11 pm
- Sept 9 Moon passes 3° south of Jupiter, 4 pm
- Sept 11 Mercury passes 4° south of Venus, 1 am
- Sept 12 Uranus reaches opposition / peak visibility 10pm
- Sept 15 Full Moon, 5:13 pm
Moon passes 4° north of Uranus, 4 am
- Sept 19 Moon at perigee, 11:27 pm, 229,215 miles
Moon passes 1° north of the Pleiades, 12 am
- Sept 22 Last Quarter Moon, 1:04 am
Autumnal Equinox occurs at 11:44 am
- Sept 26/27 CFAS Group Viewing Sessions**
- Sept 29 New Moon, 4:12 am

All times are EDT unless otherwise noted

Solar System in September 2008

	Nov	Elong.	Mag.	Dia.	Illum.	Dist.
Sun	1 st	----	-26.8	31'42"	----	1.009
	31 st	----	-26.8	31'56"	----	1.001
Mercury	1 st	25 ^o Ev	0.0	6.1"	70%	1.103
	11 th	27 ^o Ev	+0.1	7.0"	57%	0.960
	21 st	24 ^o Ev	+0.4	8.4"	37%	0.803
	30 th	14 ^o Ev	+2.1	9.9"	12%	0.682
Venus	1 st	23 ^o Ev	-3.8	10.8"	92%	1.538
	11 th	25 ^o Ev	-3.8	11.2"	90%	1.492
	21 st	28 ^o Ev	-3.9	11.6"	88%	1.442
	30 th	30 ^o Ev	-3.9	12.0"	86%	1.394
Mars	1 st	29 ^o Ev	+1.7	3.9"	98%	2.412
	16 th	24 ^o Ev	+1.7	3.8"	98%	2.453
	30 th	20 ^o Ev	+1.6	3.8"	99%	2.480
Jupiter	1 st	124 ^o Ev	-2.5	43.5"	99%	4.530
	30 th	96 ^o Ev	-2.3	39.9"	99%	4.944
Saturn	1 st	3 ^o Ev	+0.8	16.1"	100%	10.340
	30 th	22 ^o Mo	+1.0	16.2"	100%	10.261
Uranus	16 th	177 ^o Ev	+5.7	3.7"	100%	19.094
Neptune	16 th	149 ^o Ev	+7.8	2.3"	100%	29.175
Pluto	16 th	95 ^o Ev	+14.0	0.1"	100%	31.420

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

Photo Gallery

Pictures taken by Neil Horne using the Mallincam Color Hyper Video – Excellent Pics!



M8 - The Lagoon Nebula



M16 - The Eagle Nebula



M20 - The Trifid Nebula



M51 - Whirlpool Galaxy



M22



The Swan Nebula



M27 - The Dumbbell Nebula

*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**

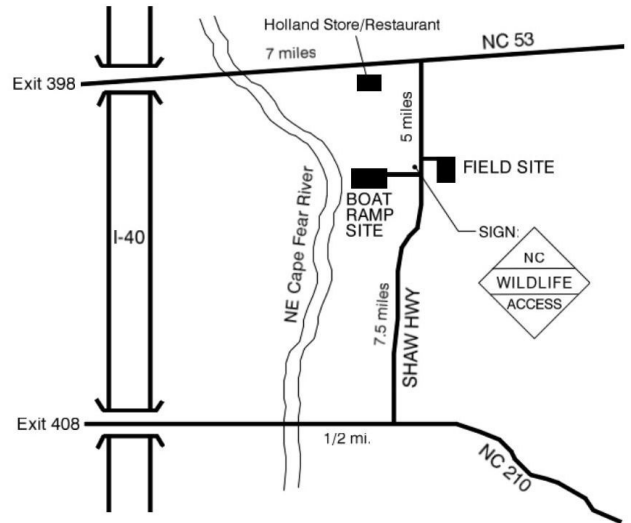
Group Viewing Sessions 5194

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, September 26 Saturday, September 27

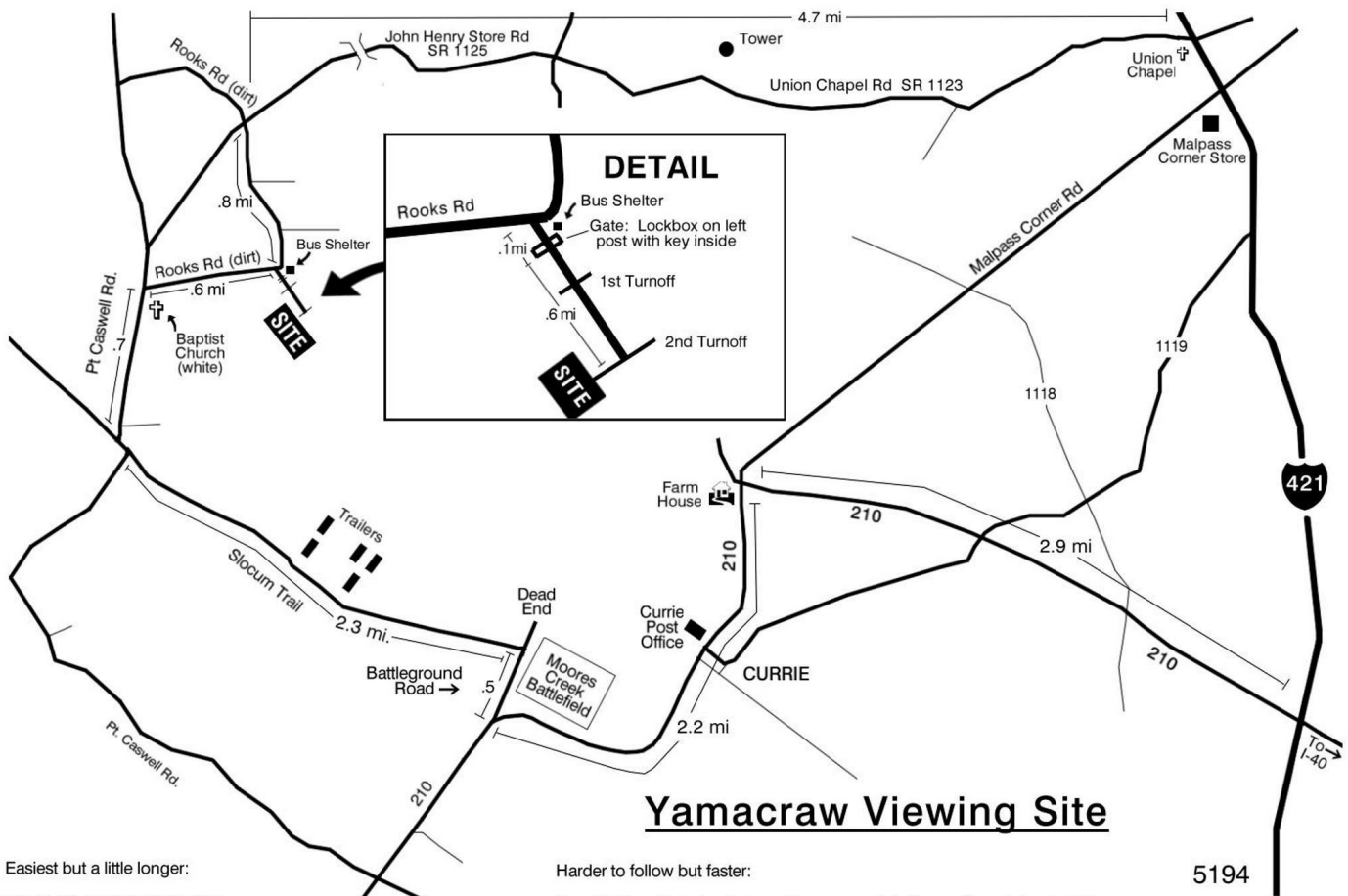
Please be cautious of unusual wildlife behavior while observing. A golf club or stick could be useful to keep nearby.

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 Slocum 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.

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