

QUARTERLY
NEWSLETTER FOR THE
WICHITA CHAPTER OF
THE AMERICAN
METEOROLOGICAL
SOCIETY AND THE
NATIONAL WEATHER
ASSOCIATION



Quarterly AMS/ NWA News



Volume 2, Issue 1

February 2011

Some of the companies represented in the Organization.

- AccuWeather (WeatherData)
- Local Broadcast Media
- Local Public Schools
- McConnell Air Force Base
- National Weather Service
- Wichita State University

Inside this issue:

Letter from the President	1
February Meeting Information	2
Spotlight on a member	3
2011 Officer Election Results	4
November 2011 Meeting Minutes	4-5
15th Annual High Plains Conference	5
Future Meetings	5

Letter from the President

Wichita AMS/NWA members and friends,

I wanted to introduce myself and update everyone on the exciting happenings of the Wichita AMS/NWA chapter for 2011. I am Jerilyn Billings and I will be serving as President of the chapter for 2011. I am a meteorologist at the National Weather Service in Wichita. I grew up in Nebraska, and traveled to Oklahoma and North Carolina for school before settling in Wichita. I am happy to be living and working in Wichita, with all of the different types of weather.

This will be an exciting year as the Wichita chapter hosts the 15th Annual High Plains Conference. The planning committee has put together a great event; more details are available on the chapter webpage. Speaking of the chapter webpage, have you visited the webpage recently? The chapter website had a facelift in January 2011, which has been needed for quite some time. Please visit often, as meeting information is updated.

We will continue to have 4 meetings each year in February, July, September and November. One adjustment we made at the end of 2010 is to alternate the time of the meetings from afternoon to evening. This was done to maximize the ability for all members to attend. The upcoming February meeting will be held Monday evening February 28th, 2011. This presentation will be on the 20th anniversary of the Andover Tornado in 1991. Please see the information inside regarding this upcoming meeting.

The other elected officers for 2011 include Lorrie Donham - Vice President; Mark Bogner – Secretary and Ross Janssen – Treasurer. If you have any questions, don't hesitate to e-mail, Jerilyn.Billings@noaa.gov

We look forward to seeing everyone at the February meeting.

Jerilyn Billings

Wichita AMS/NWA President

Reminder: Annual Dues for Members are \$15 and will be accepted at any Meeting by cash or check.

February 2011 Meeting

Monday February 28th, 2011

7:00pm

Andover, 20 years later

Speakers

Dick Elder, Meteorologist in Charge at the NWS Wichita
and

Jim Schmidt, Director of Butler County Emergency Management

Location: Sedgwick County Emergency Management Center
714 N Main St., Wichita, KS 67203

*Free Parking available on the east side of the building,
NW corner of Pine and Market Streets*

Cost: no cost for members, \$5 for nonmembers

Meal: There will not be a meal, but snacks will be provided

Meeting Topics:

High Plains Conference Update

Vote on July Meeting Speaker

**RSVP to Lorrie Donham by February 25th, 2011,
via e-mail to hdsciteach@cox.net**

Reminder: Annual Dues for Members are \$15 and will be accepted at any Meeting by cash or



Spotlight on a Member

Nathaniel D. Reynolds Boeing and Spirit AeroSystems

The weather has influenced my life pretty much from childhood. I was impressed with lightning display in Topeka the night of the Udall tornado and also by rapidly developing cumulonimbus around my home town (Eureka) the next year. I recall the profound green color and hail from the 1958 storm that had produced a tornado in El Dorado (the first storm probed by Doppler radar by the Air Force). I observed mesocyclones and dryline passages by the time I was a teenager, not knowing what they were called. I used to climb trees so that I could observe clouds. I also got a brief glimpse of the 1966 Topeka tornado from Lawrence as I marched as a participant in the American Legion Boys' State.

As a college undergraduate, I majored in mathematics. I transferred into meteorology as a graduate student at the University of Wisconsin, Madison and earned a masters' degree in 1976. Employment in meteorology did not work out, though, and I worked with computer software for General Electric for a few years before studying for a PhD in meteorology at Florida State University (completed in 1986). The emphasis of my graduate studies was theoretical meteorology, including large scale dynamics and modeling.

I had the opportunity for the next several years to work with the group at NASA/Marshall Space Flight Center and the University of Alabama in Huntsville, known now as the Global Hydrology and Climate Center. While there, I did some investigations with rotating fluid experiments with Dr. Tim Miller. I also worked with some remotely sensed atmospheric data (in particular, ozone).

For the past twenty years, I have been employed as an engineering analyst, first on the Space Station program in Huntsville, AL, and more recently working with computer codes for fluid flows and applications for aircraft anti-icing systems at Boeing and Spirit AeroSystems in Wichita. I also enjoy teaching introductory meteorology as an adjunct faculty member at Wichita State University.

Weather has affected my entire life, in combination with related activity in applied mathematics and fluid dynamics. Having lived a quarter century elsewhere, I still find Kansas a fascinating place to observe and experience the interesting behavior of our atmosphere.



*Nathaniel Reynolds
Meteorologist/Engineer
and Professor*

Note from the Editor: This section is to highlight a different, randomly selected member each quarter. My vision for this section, is to see all of the different aspects of how Meteorology is apart of our Chapter and getting to know one another.

2011 Officer Election Results

President: Jerilyn Billings
Vice President: Lorrie Donham
Treasurer: Ross Janssen
Secretary: Mark Bogner



November 10th, 2010 Meeting Minutes

Total Attendance: 20 Members: 17 Non-Members: 3 Lunch began at 11:30am Business Meeting Began at 11:45am.

- 2010 Officer Elections: The election procedure was described for the audience. Each person would vote on a sheet of paper who they would like to fill each position. There was a space for write-in nominations. These ballots were distributed and collected at the end of the presentation.
 - Update on the High Plains Conference: Jerilyn gave a brief overview of what has occurred so far regarding planning for the High Plains Conference. The conference has a few different goals.
 - Bring as many student's as possible: This includes having a Career Fair on Thursday night for not only College, but High School and younger students in the nearby area.
 - Family Friendly: There will be opportunities for conference attendees to bring their family, and activities will be provided (buses for shopping, zoo etc.).
 -
 - A proposal has been written and supplied to the High Plains Chapter for collaboration between the two chapters for the High Plains Conference. Feedback has been received and this will be taken to the High Plains Conference Team.
 - The conference is already being advertised in the NWA November information.
 - February 2011 Meeting: A vote via ballot took place to choose the topic for the February meeting.
 - Dick Elder made 2 announcements:
 - Jerilyn Billings was the newest General Forecaster at the Wichita NWS
 - Note to all partners that use the Wichita Radar, it would be unavailable from January 4th-12th due to the Dual-Pol upgrade. If you haven't already, make arrangements for other means of receiving surrounding sites' radar data.

*Keep an eye
out for Future
AMS/NWA
Meetings.*

The business meeting concluded at 12:00pm Tom Hein, Wichita Metro Public Affairs Manager spoke on how weather impacts the transportation department and what they do to mitigate these effects.

Presentation concluded with interactive questions with Mr. Hein around 12:45pm.

Lorrie Donham announced the results from the election and meeting topic vote.

November 10th, 2011 Meeting Minutes cont.

2011 Wichita AMS/NWA Chapter officers:

President: Jerilyn Billings
Vice President: Lorrie Donham
Secretary: Mark Bogner
Treasurer: Ross Janssen



February Meeting Topic: 20th Anniversary of Andover

Meeting Concluded at 12:50pm



The 15th Annual High Plains Conference

The Past, Present and Future of Weather

August 4-6th, 2011
Wichita, Kansas

www.wichita-amsnwa.org/HPC

Mark your Calendars

Keep an eye out for future AMS/NWA Meetings

July 2011 September 2011 November 2011

AMS/NWA Officers

Let us know what you think. Do you have ideas for Speakers, Suggestions, etc. Please feel free to contact the Officers

President: Jerilyn Billings, Jerilyn.Billings@noaa.gov

Vice President: Lorrie Donham, hdsciteach@cox.net

Treasurer: Ross Janssen

Secretary: Mark Bogner

Wichita AMS Newsletter Editor: Jerilyn Billings

