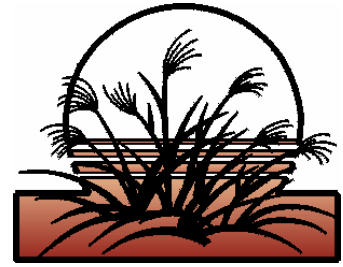




**NEWSLETTER  
TWIN CITIES CHAPTER  
AMERICAN METEOROLOGICAL  
SOCIETY  
November, 2004 Vol. 26 No. 3**



**The November meeting of the Twin Cities Chapter of the AMS will be at 7 PM Tuesday, November 16, 2004, at 7 PM at National Weather Service Office in Chanhassen. Specific directions to the meeting can be found on page 3. AMS chapter members, interested acquaintances and potential members are invited to attend.**



***Featured Speaker: Steve Buan  
"Climate Services in the National Weather Service"***

The climate services program of the National Weather Service has gone through many iterations over the years. Climate services have evolved from data acquisition, analysis and projection to producing rather sophisticated, multivariate seasonal forecasts. Steve will examine the historical ebbs and flows of the program over time, take a look at where we are today, and peer into the future.

Steve Buan is the Hydrology Program Manager and Climate Services focal point for the Twin Cities/Chanhassen National Weather Service office. He took this position in January of 2003 after spending the previous 13 years as a Hydrologic Forecaster at the National Weather Service North Central River Forecast Center in Chanhassen. Steve started his career with the National Weather Service in 1988 as a Meteorologist Intern in Lake Charles, Louisiana. He has a BS in Meteorology from the University of Wisconsin and a MS in Forest Hydrology from the University of Minnesota. Steve has extensive experience in forecasting river floods in the Upper Midwest having been involved in forecasting the 1993 flood on the Mississippi river and the flood of 1997 on the Red River of the North.



***Comments from our new Chapter President: Rich Naistat***

While driving back from our meeting at St. Cloud State University, the occupants in our vehicle discussed some ideas as to how we could expand our membership and attendance at meetings (does this sound like a familiar theme?). One idea that was proposed was that we needed to rephrase the issue. Maybe we need to broaden our appeal, and reach out to the greater population of weather-interested people.

So, here may be an opportunity to do just that! The Eden Prairie Council for the Gifted and Talented is sponsoring a Family Science Fest for K-12 students on Friday January 21, 2005 from 7:00-9:00 PM at Eden Prairie High School. The goal is for students to see real-life applications and have the privilege of asking questions to you, the scientists working in the field. According to the e-mail we received, "...we are looking to offer students scientific hands-on learning, or engaging presentations and possibility, take-home information or activities. Because of the variety of age levels at this event, we will dedicate the lower level commons area at the High School to elementary aged students and the upper level to Jr. High-High School students." The choices are K-2, grades 3-4, grades 5-6, grades 7-8, and grades 9-12.

If we choose to participate (and if the Eden Prairie Council for the Gifted and Talented would like us to participate), I envision our developing some type of brochure to explain, who we are, what we do, when we meet, etc. The students of today are the weather enthusiasts of tomorrow. Their parents are also possible future members of our chapter.

If you wish to share your views with me on this topic before our next meeting, please e-mail me at [Rich.Naistat@noaa.gov](mailto:Rich.Naistat@noaa.gov) I'd suggest including AMS in the subject line of the e-mail, so I don't lose your e-mail among the hundreds I receive each day.

#### **Future Meetings:**

**December 14, 2004 at 7 pm** – tour of KSTP Skymax 5 Weather studio

**January 18, 2005** – Chanhassen WFO

**February 22, 2005** – University of St. Thomas (tentative): A storm spotter talk

**March 22, 2005** – University of St. Thomas: 9<sup>th</sup> Annual Northern Plains Convective Workshop

**April 19, 2005** – Chanhassen WFO: Rich Naistat overview of Advanced Warning Operations Course

**May 17, 2005** – annual picnic at Lake Susan

The officers for 2004-2005 are:

President – Rich Naistat

Sec-Treasurer – Chris Bovitz

Vice Pres – Doug Dokken

Newsletter Ed – Kurt Scholz

#### ***Editor's notes – Kurt Scholz***



If you haven't already done so, please bring in your annual dues to our secretary-treasurer Chris Bovitz or you can also mail your annual dues to Chris at the address on page 4. Dues remain at \$12 for regular members and \$6 for student members.

Our next meeting will be at KSTP where Dave Dahl and Rob Koch will give us a tour of the Skymax 5 Weather studios. Traditionally, our December meetings have been held at one of the local television stations and they have always been well attended. Mark this one on your calendar!

Last month's meeting at St. Cloud State University was a great success. The two student presentations by **Kristen George** - *Microbial CO2 flux in the organic and mineral soil: comparing species composition and stand age*" and **Jeff Buck** - *"Study of a well defined thunderstorm: mesoanalysis of 28, July 2002 convective outbreak"* were first rate. Our thanks to the warm hospitality extended to us by everyone at SCSU.

The AMS Annual Meeting in San Diego, January 8 - 9, 2005, is again sponsoring the "Annual AMS Student Conference and Career Fair". Interested students should pursue the links given below.

**Fourth Annual AMS Student Conference and Career Fair**  
**Sponsored by the American Meteorological Society**  
**San Diego Convention Center**  
**San Diego, California**

#### **Greetings, AMS Local Chapter Officers and Members!**

Are you a student interested in meeting your peers, those like you who want to get a great job? Not sure what you want to do when you finish undergraduate or graduate school? Or would you be interested in hearing from some of the very best speakers in our profession? If you are a junior or senior undergraduate or first-year graduate student, you need to participate in the **4th Annual AMS Student Conference and Career Fair!** This incredible event targeted specifically at helping junior and senior undergraduate and first-year graduate students will be held in San Diego, California, on January 8-9, 2005, in conjunction with the AMS Annual Meeting and we want YOU to be involved!

Our primary goals are simple: raise your awareness of the nearly endless job possibilities with the skills our profession offers, and allow you to closely interact with the best teachers, students, researchers, weather providers and entrepreneurs in our profession so that you will be better prepared to acquire the very best job for YOU! You will be surrounded by people who want you to succeed professionals who will offer you their wise insights and lessons learned and some of the very best and coolest students around!

In this conference we will highlight how each one of you can, “**Impact the World with a Career in the Atmospheric and Related Sciences!**” Focusing on our theme, we will help you better understand the importance of technical, leadership, and oral and written communication skills to your future job. Since atmospheric, oceanographic, and hydrologic sciences are truly a global undertaking, we will also explain how the national and international communities work together can increase your understanding of important and emerging environmental issues.

Again, all junior and senior undergraduates, as well as first-year graduate students, are invited to participate in the 4<sup>th</sup> AMS Annual Student Conference. There is no fee for attending the conference but **pre-registration is required** since there will be no on-site registration. Please note that registration includes admittance to the Student Conference only. Attendees must register separately for the 85th AMS Annual Meeting. If you know of a good speaker for this event, please let us know! Check out our student conference web site at <http://www.ametsoc.org/meet/85annual/studentconference/index.html#top>. This site will be the best place to find information on the conference agenda, call for poster presenters, pictures, testimonials, a recap of last year’s conference, plus helpful information on travel funding opportunities.

Have questions, suggestions to make this conference better, or just want more information? Then PLEASE contact us! Send an email to conference co-chairs Ken Carey, [kcarey@mitretek.org](mailto:kcarey@mitretek.org), or Andrea Bleistein, [andrea.bleistein@noaa.gov](mailto:andrea.bleistein@noaa.gov).



### *AMS on the WWW*

The address for the Twin Cities Chapter of the AMS is:

[http://byte.stthomas.edu/www/math\\_http/weather/tcametsoc.html](http://byte.stthomas.edu/www/math_http/weather/tcametsoc.html). Please send any comments, suggestions, changes of address, misspellings, etc. to Kurt Scholz, [k9scholz@stthomas.edu](mailto:k9scholz@stthomas.edu).

***Reminder: The November meeting will be held at 7pm, on Tuesday November 16<sup>th</sup>, at the NWS, Chanhassen.***

### **Directions**

Take Highway **494** to the exit for Minnesota **Highway 5** west in Eden Prairie. Travel west on highway 5 into Chanhassen. Turn **left** (south) at **Audubon Road**. Follow Audubon Road to **Lake Drive**, then turn **right** and follow Lake Drive to the NWS entrance, which will be on your left. The Nexrad radar tower will be visible as you approach the area. An alternative, if traffic is heavy and you want to avoid the Audubon turn off of highway 5, is to turn **left** at the light onto **Powers Boulevard**, and head south. You would then take the **first right** off of Powers Boulevard, onto **Park Road**, and follow it to Audubon Road, then turn **left** and head south to Lake Drive.

Please fill out this form and mail it in with your annual Chapter dues. This information is used for Chapter purposes only, and only your name will be listed on the Chapter web site.

Name \_\_\_\_\_ Daytime phone \_\_\_\_\_  
Home phone \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip code \_\_\_\_\_

E-mail address \_\_\_\_\_

If you prefer to be notified via e-mail when the newsletter is posted on our website, rather than having us mail you a paper copy of the newsletter, check here \_\_\_\_\_. We would like your e-mail address in any case.

Suggestion for an AMS meeting topic \_\_\_\_\_

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Dues are \$12 per year for regular membership, \$6 per year for student membership.

Make checks payable to Twin Cities AMS, and mail to:

**Chris Bovitz**  
**20716 Hurley Avenue**  
**Lakeville, MN 55044**

Twin Cities Chapter AMS  
c/o Kurt Scholz  
3233 Snelling Ave. North  
Arden Hills MN 55112-3644

