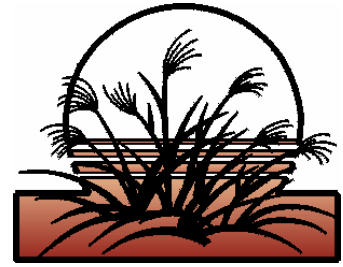




**NEWSLETTER
TWIN CITIES CHAPTER
AMERICAN METEOROLOGICAL
SOCIETY
September, 2004 Vol. 26 No. 1**



Note the first meeting is on a Tuesday!!

The September meeting of the Twin Cities Chapter of the AMS will be at 7 PM Tuesday, September 21st, 2004, at the NWS, 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: Bill Togstad
Preview of his National AMS talk on Near-storm Environment*

Bill Togstad, a lead forecaster at the National Weather Service's Weather Forecast Office (WFO) in Chanhassen, will present "An Examination of Severe Thunderstorm Discrimination Skills from Traditional Doppler Radar Parameters and Near Storm Environment (NSE) Factors at Large Radar Range" to our chapter in the WFO's Conference room at 7 PM, Tuesday, September 21, 2004. Bill's talk is an expanded version of the talk he will be giving at the AMS's 22nd Conference on Severe Local Storms in October 2004 at Hyannis, MA.

After a number of post-mortems on F2 and greater tornado events were conducted at the WFO, Bill became convinced that adding a correct assessment of the near-storm environment with Doppler radar information would substantially assist our tornado warning program. Bill provided NSE training to each meteorologist at the WFO during the spring of 2003; spent a week at the Storm Prediction Center as a visiting scientist in the summer of 2003; then collaborated with a couple of SPC forecasters on the research he will present at our meeting.

Bill became interested in meteorology at an early age in Madison, Wisconsin. He attended the University of Wisconsin, where he received a Bachelor's Degree in Meteorology, followed by a M.S. in Meteorology in 1972. Bill has worked with NOAA in satellite applications in Washington, D.C. from 1972 to 1974 and again from 1980 through 1982 when the group was moved from Washington, D.C. to Madison. Bill's thirst for the operational environment led him on a career path that included being a Service Hydrologist in Bismarck, ND, then a Forecaster at WFO Milwaukee. He has been a Lead Forecaster at WFO Twin Cities since 1983.



Comments from our new Chapter President: Rich Naistat

One of our coolest summers has not tempered our enthusiasm for making this one of our best years ever in terms of topics. Our executive committee (Pres. Rich Naistat, Vice Pres. Doug Dokken, Sec-Treasurer Chris Bovitz, and Newsletter editor/creator Kurt Scholz) met in August to discuss possible topics, which are listed a bit below. First, please let me remind all of you that our meetings (as mentioned at the May picnic) will be on **Tuesday** evenings, rather than Thursday evenings. Perhaps we need to make this official via a vote at our first meeting. The move to Tuesday evenings was made to remove conflicts that several of us have had with attending Thursday meetings.

sure to fill out the member registration form on page 3 and submit your forecast contest entries by October 31. Winners will receive an \$18 gift certificate and some degree of fame.

Next month, the 12th annual Kuehnast Lecture will take place on Tuesday October 12 (3:30- 5:00 pm) in Room 335 Borlaug Hall on the St. Paul campus of the U of M. This year's speaker is Dr. Wallace Broecker, Newberry Professor of Earth and Environmental Science, Lamont-Doherty Earth Observatory at Columbia University in New York. The title of his talk is "The Role of Sea Ice in Global Climate. Large-scale sea ice cover in the northern Atlantic induced by a conveyor shutdown appears to account for both the profound Younger Dryas cooling of Greenland and northern Europe and the far field impacts of this cold snap. Question: Could the ongoing greenhouse warming bring about a repeat? You can get a full description at http://climate.umn.edu/doc/journal/kuehnast_lecture/kuehnast.htm .



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. Please send any comments, suggestions, changes of address, misspellings, etc. to Kurt Scholz, k9scholz@stthomas.edu.

Reminder: The September meeting will be held at 7pm, on Tuesday September 21, 2004 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, whether or not you are entering the forecast contest. This information is used for Chapter purposes only, and only your name will be listed on the Chapter web site.

Name _____ Daytime 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 _____

Forecast contest entry: TOTAL DECEMBER 2004 SNOWFALL (INCHES AND TENTHS) AT THE CHANHASSEN NWS OFFICE_____

LOW TEMPERATURE (F) ON JANUARY 1, 2005_____

Tiebreaker question: NUMBER OF DAYS WITH A HIGH OF 22 DEGREES (F) OR HIGHER DURING JANUARY, 2005_____

All temperature readings will be from MSP. Your contest entry and your 2004-2005 dues must be received by October 31, 2004 for you to be eligible to win.

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 Harley Avenue
Lakeville, MN 55044

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

