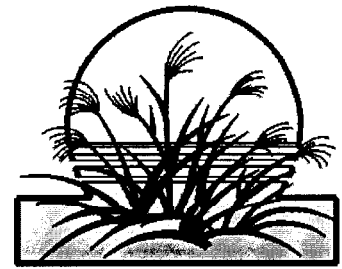




**NEWSLETTER
TWIN CITIES CHAPTER
AMERICAN METEOROLOGICAL
SOCIETY**

October 2000 Vol. 22 No. 2



The October meeting of the Twin Cities Chapter of the AMS will be at 7 pm Thursday, October 19 at the National Weather Service Forecast Office in Chanhassen. For directions to the meeting, see page 2. AMS members, interested acquaintances and potential members are invited to attend.



Featured Speaker: Bill Sites

"Operations of the NOHRSC-who we are, what we do, and why"

The October AMS meeting will take place at the National Weather Service Office in Chanhassen. The NWS National Operational Hydrologic Remote Sensing Center (NOHRSC) is located in the same building as the NWS. Bill Sites is the Deputy Chief of NOHRSC. He graduated from the University of Washington in 1982 with a BS in Atmospheric Science. He joined the NOAA Corps in October 1982. While in the NOAA Corps, Bill served at sea on the NOAA ships MT. MITCHELL and McARTHUR as deck officer ('83-'85), operations officer ('90-'91), executive officer ('91-'93), and commanding officer ('97 to '99). He served as a marine weather forecaster in the Seattle Weather Forecast Office ('85-'87) and as a marine weather and ice forecaster in the Cleveland WFO ('87-'90). Bill was a program leader at NWS Headquarters from '93-'96 and a scientific support coordinator for oil and chemical spill response in the Great Lakes from '96-'97. He has been a member of the AMS since about 1981. Join us at the Chanhassen NWS office as Bill discusses all the interesting aspects of NOHRSC.

Chapter notes- by Ron Trendera

Our Chapter Chairperson, Chris Orr, has moved to Rapid City, SD. I can step in and take over his duties on a short-term basis, and we will accept nominations for his replacement at the October meeting. If you are interested in the position, you may inform us at the October meeting or contact Mary Howard or myself. Job duties prevent me from attending every AMS meeting, but I will continue as newsletter editor and help the new Chair arrange meetings. Details of the November meeting haven't been finalized, but it is likely to take place at 7 pm on Thursday, November 16. Look for details in the November newsletter. You can submit your annual dues to Secretary-treasurer Mary Howard at the October meeting. You can also mail your annual dues to Mary at the address on page 3. Dues remain at \$10 for members and \$5 for student members. Be sure to fill out the member registration form on page 3 and submit your forecast contest entries by October 31. Winners will receive a \$15 gift certificate and some degree of fame.

Member of the month

Kurt Scholz is our featured member this month. He was born in Hamburg, Germany, and his family immigrated to Canada when he was eight. Kurt grew up in Alberta, Canada. He graduated from U.C.L.A (BA, MA, PhD) and has been at St. Thomas since 1972. Kurt is a professor in the mathematics department, and is primarily a mathematician (topology, numerical analysis). Kurt loves computing, and has a network of six computers at home-macs, pc, unix - which "drives his wife and two children crazy". Kurt set up the St. Thomas math network (100+ computers) and is the network administrator. He loves teaching math, and maintains the web page for our AMS chapter. During the last few years (continued on page 2)

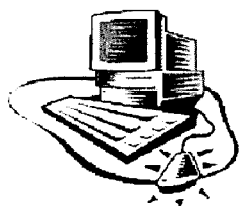
(member of the month-continued) Kurt has become interested in studying severe thunderstorms. His department has purchased a very fast computer (DEC Alpha) to run simulations using ARPS (Advanced Regional Prediction System). They will also use Vis5D for animations. Rich Naistat of the NWS is supplying them with data from the Granite Falls and St. Peter tornados. St. Thomas is also running a seminar in meteorology. Doug Dokken is Kurt's collaborator on a lot of these projects. Kurt will be taking a sabbatical during the spring of 2002 at the Institute for Math and Applications (IMA) at the U of M. They are having a special year in the study of geosciences. Kurt notes that the IMA event should be of interest to many of our Twin Cities AMS Chapter members.

The October meeting of the Twin Cities AMS will be held at 7pm on Thursday October 19 at the NWS Forecast Office meeting room in Chanhassen.

Directions: Take Highway **494** to the exit for Minnesota **Highway 5 west** in Eden Prairie. Travel west on 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 should be visible as you approach the area.

An alternative, if traffic is heavy and you want to avoid the Highway 5/Audubon Road turnoff, is to turn left at the light onto **Powers Boulevard**. You would then take the first right off of Powers Boulevard, onto **Park Road**, and follow it to **Audubon Road**, then head south on Audubon Road to Lake Drive.

AMS the WWW



Thanks again to Kurt Scholz and Doug Dokken of The University of St.Thomas for maintaining the web page for our Twin Cities AMS chapter. Chapter information and links to climatological and meteorological information can be found there. The address for the Twin Cities Chapter of the AMS is:
http://Byte.stthomas.edu/www/math_http/weather/tcametsoc.html

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 _____

Suggestion for AMS meeting topic _____

Forecast contest entry: DATE OF FIRST SUB-ZERO READING _____

HIGH TEMPERATURE (F) ON JANUARY 1, 2001 _____

Tiebreaker question: NUMBER OF DAYS WITH LOWS OF 10 DEGREES F OR COLDER DURING JANUARY, 2001 _____.

All readings above will be from MSP, and entries must be submitted by October 31, 2000.

Dues are \$10 per year for regular membership, \$5 per year for student membership.

Make checks payable to Twin Cities AMS, and mail to: Mary Howard
3908 Beau De Rue, Apt.111
Eagan, MN 55122