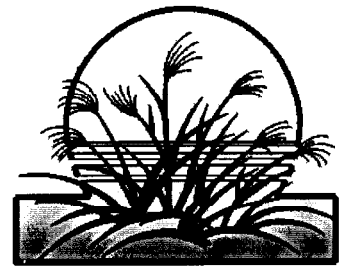
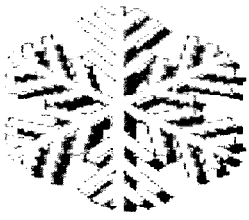




**NEWSLETTER
TWIN CITIES CHAPTER
AMERICAN METEOROLOGICAL
SOCIETY
November 2001 Vol. 23 No. 3**



The November meeting of the Twin Cities Chapter of the AMS will be at 7 pm Thursday, November 15 at the University of St. Thomas in St. Paul. Directions to the meeting can be found on page 2. AMS members, interested acquaintances and potential members are invited to attend.



Featured speaker: Doug Hajicek, who will present his documentary film "Deadly Beauty, Snow's Secret Life".

Doug Hajicek is an accomplished producer/director of television features and documentaries. His credits include over 175 television features filmed in places ranging from Russia to the caves of Belize and even the Arctic. His talents include producing, directing, shooting and editing. Doug has produced and directed features on subjects ranging from wolves to environmental learning for children. One of his documentaries, "The Man Who Walks With Bears" has appeared on the Discovery Network's Animal Planet. Doug designed, built and submersed the world's first underwater hemispherical camera system into the cold waters of Lake Superior. The high tech camera array helps researchers continuously monitor fish species and domestic and foreign zooplankton. Doug was also the first person to document wild mammals of different species cohabitating and working together. Some of that footage is included in "Deadly Beauty, Snow's Secret Life", which will be presented at our November AMS meeting. The 50-minute film covers many aspects of snow, from avalanches to unseen creatures that live in the snow. Come and learn some new facts about snow and how it affects life on our planet. The film also includes some incredible avalanche video. After the film, Doug will answer our questions, and share some details about how he and two co-producers created the remarkable documentary.

Member of the month

Doug Barr is our featured Chapter member this month. Doug is President of Barr Engineering, which is headquartered in Edina. He received his degree from the University of Chicago during World War II and spent several years forecasting, mostly for flights, in the California and Pacific area. His last station was in Okinawa. After the war, he decided to pursue a career in civil engineering rather than weather, so he resumed his studies. Hydrology is part of the curriculum of civil engineering and it appeared a place where he could apply some of his meteorology background. Doug inquired of Dr. Lorenz G. Straub, a world famous hydraulic engineer who was head of the Civil Engineering Department, University of Minnesota. Hydrology, at that time, was a young field and not a separate discipline. Prof Straub said that the hydrologists that he knew were either meteorologists or hydraulic engineers, so he recommended hydraulic engineering. Doug received a Masters in Hydraulic Engineering. Most of his hydrology training was from Adolph F. Meyer, with whom he had considerable association. When the time came for him to start a consulting business, more of the work tended to be in hydraulic engineering, but that was OK with Doug because he wanted to be involved in both hydrology and meteorology. Hydrology is still a major part of Barr engineering's business, and they have always employed several meteorologists.

Chapter notes- by Ron Trenda

Early November has been balmy, but wintry temperatures will arrive eventually. To help you through the coming winter, we've printed a copy of the new wind chill chart on page 3. (continued on page 2)

The National weather service is using a new wind chill formula that, among other things, reduces the wind speeds measured at 10 meters to the value you would encounter at 5 feet. This is designed to generate more meaningful wind chill values. Hope to see you at the November meeting. I have previewed the documentary film "Deadly Beauty, Snow's Secret Life", and I highly recommend it. There will be no meeting or newsletter in December, since many of us will be busy preparing for holiday events. The January meeting will be at 7pm on Thursday, January 17 on the St. Paul Campus of the U of M. Professor Emeritus Donald Baker will give a presentation on weather forecasting by American and British teams for the D-Day invasion as well as the Battle of Bastogne. Wartime weather forecasting is a timely topic once again. Thanks to all who have already submitted their annual chapter dues. You can give your annual dues to Secretary-treasurer Mary Howard at the November meeting. You can also mail your dues to Mary Howard at 3908 Beau De Rue, Apt. 205, Eagan, MN 55122. Dues remain at \$10 for members and \$5 for student members. Only paid members will receive chapter newsletters after this month.

Comments from Chapter President

Dean Braatz

The October meeting of the Twin Cities AMS Chapter was well attended. Karl Spring was a great host at Fox 29. To date membership dues have been received from nearly three-fourths of last year's membership. Those of you who have not sent in your dues, please pay them ASAP. As always, ask your friends and/or old chapter members to join. A stronger chapter means a growing and informative group that learns about the disciplines of meteorology and hydrology. Keep the chapter officers informed when you hear of a potential speaker for our group. Our goal is to present topics that you can relate to and enjoy.

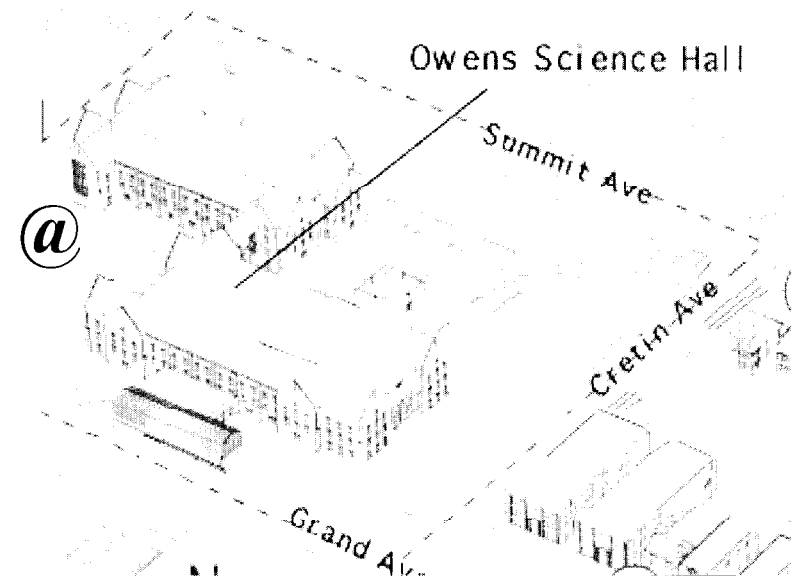
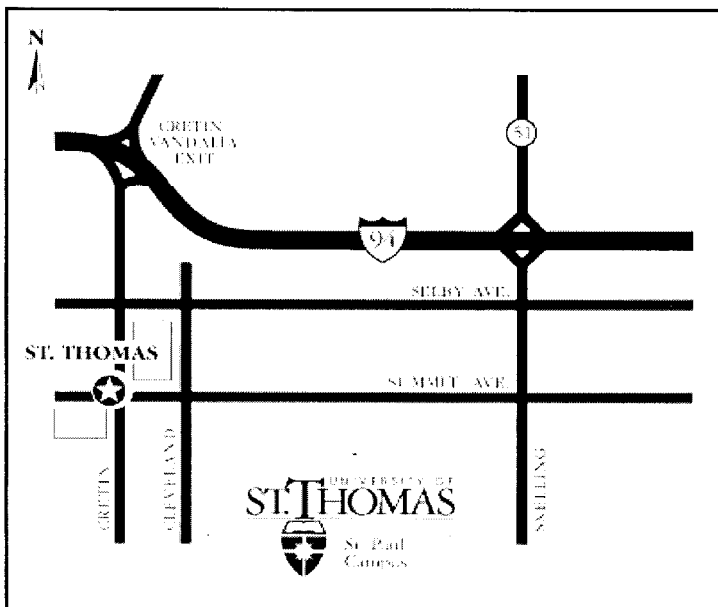
A reminder to our membership that the AMS Annual Meeting is being held in Orlando, FL from January 13-17, 2002. Details about the 82nd Annual Meeting are on the AMS home page:

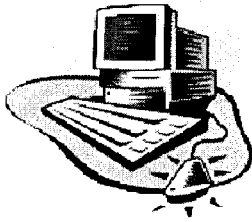
<http://www.ametsoc.org/AMS>

Hope to see you at the November meeting. Feel free to bring along a guest or two.

The November meeting will be held at 7pm, on Thursday, November 15 at the University of St. Thomas, St. Paul. The meeting will be held in room 226 in the west wing of Owens Science Hall.

Directions: Take Interstate Highway **94** to the **Cretin** Avenue exit. Then go south on Cretin for about one mile to **Summit** Avenue. Owens Science Hall is located at the southwest corner of Summit and Cretin Avenues (see maps). You can park on Summit Avenue or in parking lot "N", which is south of the building. Either Kurt Scholz or Doug Dokken will be there to give you a parking pass. The entrance of Owens Science Hall closest to our meeting is through the double doors which are marked with a large "@" on the map on the right below. Go inside, take a left into the stairway, then go up to the second floor. Enter the second floor and turn left. Continue all the way down the hall to **room 226**.





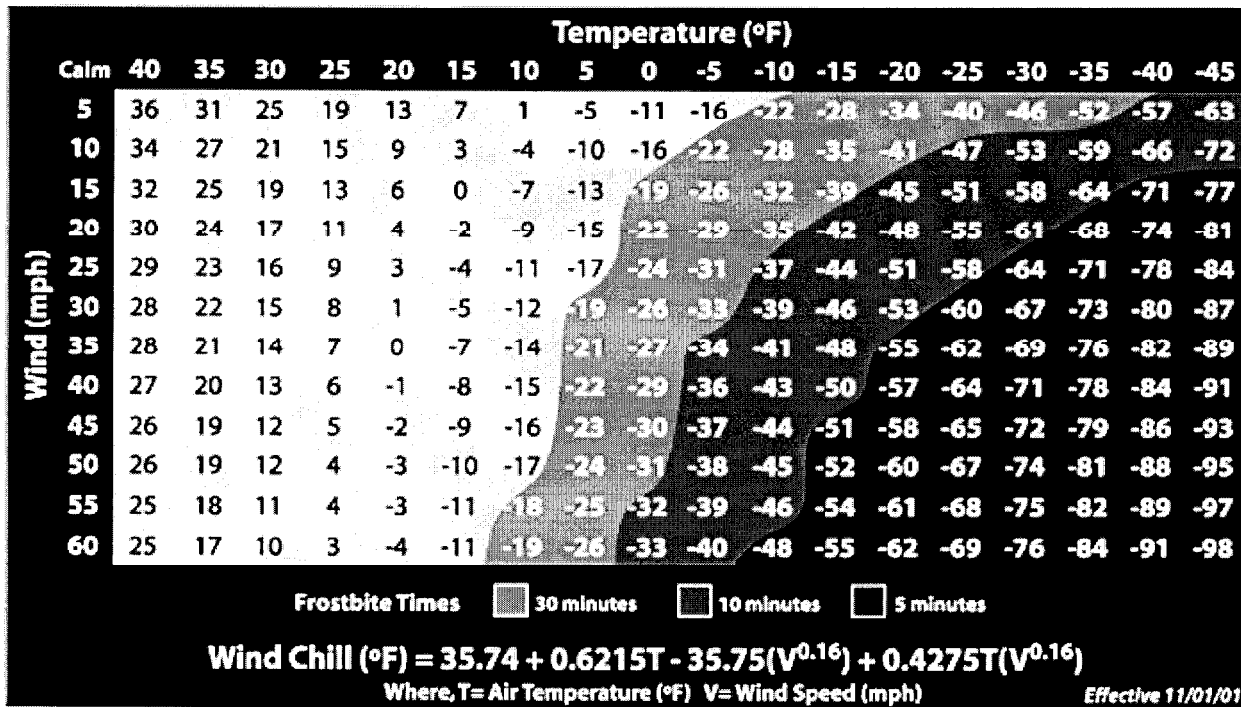
AMS on the WWW

Thanks again to Kurt Scholz and Doug Dokken of The University of St. Thomas for maintaining the web page for our local AMS chapter. Chapter information and links to climatological and meteorological information can be found there. We will soon be updating the list of Twin Cities Chapter members on the page. Rest assured, only your names will be listed. E-mail and home addresses will remain confidential. E-mail Kurt or Doug with your comments about the web site. The web address for the Twin Cities

Chapter of the AMS is: http://byte.stthomas.edu/www/math_http/weather/tcametsoc.html



Wind Chill Chart



This chart can be found on the web site of the Chanhassen NWS Office, which is at: <http://www.crh.noaa.gov/mpx/index.html>