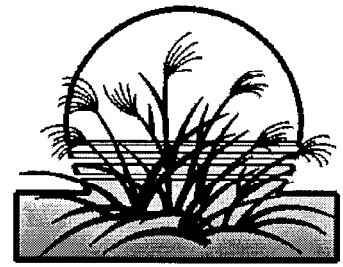
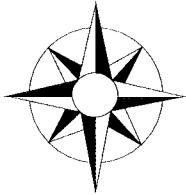


NEWSLETTER  
TWIN CITIES CHAPTER  
AMERICAN METEOROLOGICAL  
SOCIETY  
October, 2003 Vol. 25 No. 2



The October meeting of the Twin Cities Chapter of the AMS will be at 7 PM Thursday, October 16th, on the St. Thomas Campus. The meeting will be held in room OSS227 on the second floor of Owens Science Hall. Specific directions to the meeting can be found on page 3. AMS chapter members, interested acquaintances and potential members are invited to attend.

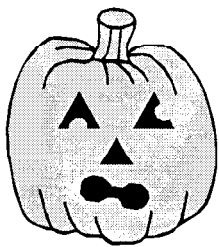
*Featured Speaker: Robert G. Johnson*



*"Noah's Flood: What the oceanographers tell us about the great flood event"*.

Over the last one million or more years, the Black Sea has been an isolated giant lake most of the time. Frequently, however, at times of high sea-level caused by minimal glacial ice volume, it becomes reconnected to the world ocean through the Bosphorus Strait. Sometime about 8000 or 9000 years ago the most recent reconnection occurred. Whether this occurred by a high level in the Black Sea with outflow into the Mediterranean, or by a high and rising world sea-level with inflow to the Black Sea has been an active controversy for about seven years. The best and greatest amount of evidence favors an abrupt flood of Mediterranean water into the Black Sea, which may have been the origin of the Biblical Noah's flood and the flood experienced by Gilgamesh, a legendary Babylonian hero. The stone-age people living on the shores and along the rivers flowing into the Black Sea would have been rapidly displaced, with historical consequences.

*Bob Johnson* obtained a Ph.D. in physics from Iowa State University in 1952. He was employed at Honeywell Inc. for 34 years doing research and development. After retiring as staff scientist in 1990, he joined the Geology and Geophysics Department of the University of Minnesota as an Adjunct Professor. His main research interest is in the mechanics of climate change, with sidebars in historical geology. His publication list includes 12 journal papers ranging from measurement of the age of the last reversal of the Earth's magnetic field to a proposal to build a partial dam across the Strait of Gibraltar. Bob is currently working on the climate effects of Noah's flood into the Black Sea basin 8200 years ago.



*Comments from our Chapter President Dean Braatz*

Our membership dues remain at \$12 for members and \$6 for student members. Compared to other chapters around the country our dues are a very good deal. So if you have not done so, join the Twin Cities AMS Chapter now. Use the sheet at the end of the Newsletter to find the membership form that can be mailed along with your check to Seth Binau. Or turn your check in at one of the monthly meetings to one of the officers. The officers for 2003-2004 thank everyone for their continued support to the Twin Cities

AMS Chapter.

Our first monthly meeting in Chanhassen was very interesting with Don Reicosky's talk entitled "Agriculture's Role in Carbon Sequestration Monitoring and Impacts on Climate Change". Don's topic was right on as our nation discusses many global issues. We want to attract speakers and topics with appeal and those that will generate interest. We still have January 2004 open for a speaker. The officers welcome your input on a suitable speaker for that meeting presentation.

Our speaker for this month is Bob Johnson. This is the second year in a row that Bob will address our chapter. Upcoming meetings that are scheduled include:

**November** – Jim Husby, NWS NCRFC  
**December** – Karl Spring, CH 29 and Janie Peterson, CH 9  
**January** – Open  
**February** – Dale Branch, NWS ATCC  
**March** – Craig Edwards and Seth Binau, NWSFC  
**April** – Doug Dokken, St Thomas University  
**May** – Eve Iverson, Cargill

Let's do all we can to keep our chapter strong. By continuing your membership this is very possible. Become a member for 2003-2004 and if you can arrange it, try to attend a few the meetings. It's a fun time to mingle with other weather nuts. Always keep on the lookout for others who might be interested in our chapter. So ask peers and friends to join you when you attend the meetings. I look forward to seeing you at the next meeting. Please e-mail me or call me for any information or to pass on suggestions for meeting topics. My e-mail is: [dtbraatz1@msn.com](mailto:dtbraatz1@msn.com) and my telephone is 952-925-9186.

The new officers for 2003-2004 are:

**President** – Dean Braatz      **Sec-Treasurer** – Seth Binau  
**Vice Pres** – Doug Dokken      **Newsletter** – Kurt Scholz

### *Editor's notes – Kurt Scholz*



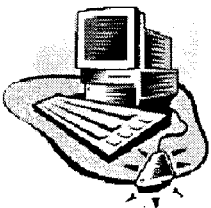
Please note that the room for the meeting is not the 3M auditorium that we've used a number of times.

If you have any newsworthy or historical items that you would like to include in our newsletter or if you would like to contribute an article, please let me know and I will try to accommodate.

You can submit your annual dues to our secretary-treasurer Seth Binau at this meeting or you can mail your annual dues to Seth at the address on page 4. Be sure to fill out the member registration form on page 3 and submit your forecast contest entries by October 31.

The American Meteorological Society is again offering the 2004/2005 AMS/Industry Minority Scholarships. Now entering its twelfth year, the scholarship is intended to help support college education for minority students traditionally underrepresented in the sciences, especially Hispanic/Latino, American Indian/Alaska Native, Black/African American, and Native Hawaiian students, who intend to pursue careers in the atmospheric or related oceanic and hydrologic sciences. The two-year scholarships, funded by industry and through donations made by members to the AMS 21<sup>st</sup> Century Campaign, are for \$3000 per year (second year funding depends on successful completion of the first academic year). Minority students who will be entering their freshman year of college in the fall of 2004 are eligible to apply.

I have the application forms if you are interested. Since the inception of the program the AMS has awarded the scholarships to seventy-two outstanding students. Information on all AMS fellowships and scholarships, including the Minority Scholarship, is available on the Internet at: <http://www.ametsoc.org>.



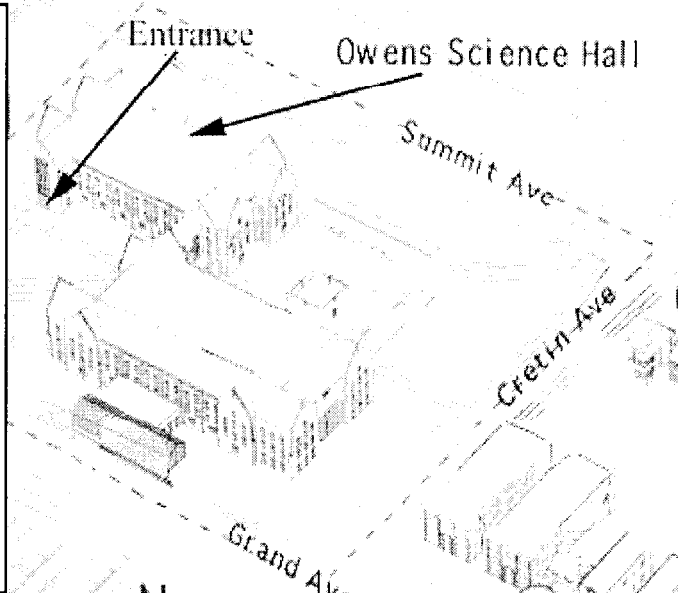
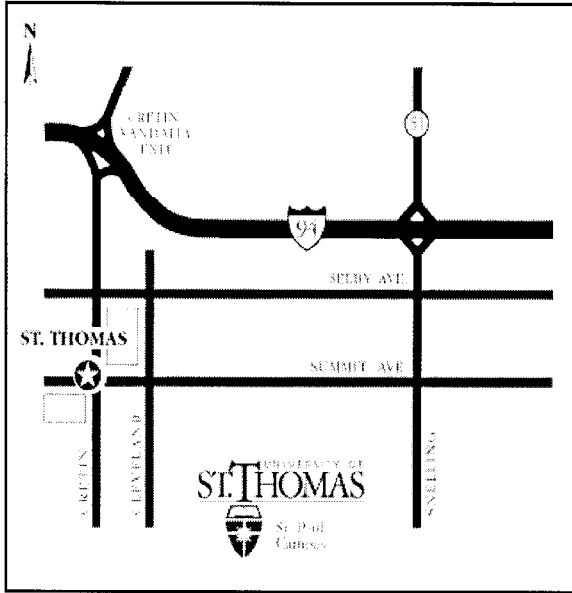
### *AMS on the WWW*

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).

***The November meeting will be held at 7pm, on Thursday, October 16 at the University of St. Thomas, St. Paul. The meeting will be held in room 227 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 labeled as "**Entrance**" by the arrow 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 227**.



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, check here \_\_\_\_\_

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

\*\*\*\*\*

**Forecast contest entry:** TOTAL DECEMBER 2003 SNOWFALL (INCHES AND TENTHS) AT THE CHANHASSEN NWS OFFICE \_\_\_\_\_

LOW TEMPERATURE (F) ON JANUARY 1, 2004 \_\_\_\_\_

Tiebreaker question: NUMBER OF DAYS WITH A HIGH OF 22 DEGREES (F) OR HIGHER DURING JANUARY, 2004 \_\_\_\_\_

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All temperature readings will be from MSP. Your contest entry and your 2003-2004 dues must be received by October 31, 2003 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: Seth Binau  
15474 Sue Ann Ct  
Eden Prairie, MN 55346

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

