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AMS Local Chapter Newsletter

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Blue Ridge

The Blue Ridge Chapter of AMS/NWA has had 4 meetings since the start of the 2023- 2024 school year. On September 7th, the author of Without Warning: The Tornado of Udall, Kansas, Jim Minick, visited and gave us a detailed background of Udall and its citizens whose lives were forever changed after an F5 tornado slammed into the unsuspecting town.

On September 13th, we had two representatives from their respective electrical companies, Erin Guidry from Dominion Energy and Justin Buchinsky from San Diego Gas & Electric speak to our members on the importance of meteorologists in the electrical industry. They discussed the systems used to prepare for outages, how their situations vary due to local climate, and historic storms that affect their operations.

On September 21st, we had a former broadcast meteorologist, Emily Kaye, speaking about her new position with NOAA on Disaster Preparedness. Emily spoke about mitigation projects she is currently working on, the workload and schedule she has had to follow, and how her life has changed from going from a broadcast position to NOAA.

On October 3rd, we had our very first Alumni Board meeting, where our members were introduced to our elected Alumni Board. This was a chance for members to connect, talk, and ask questions with a few of Virginia Tech’s past meteorology

graduates. The board's sole purpose is to help members start networking with other meteorologists in their fields.

Lastly, on September 16th, some members participated in Roanoke, VA's annual Prepareathon. During this outreach event, The Hokie Storm Chase vehicle and a weather station were set up to discuss the importance of severe weather safety and why students like us are learning how to be better meteorologists through hands-on and up-close experience.

Capital Region at the University of Albany

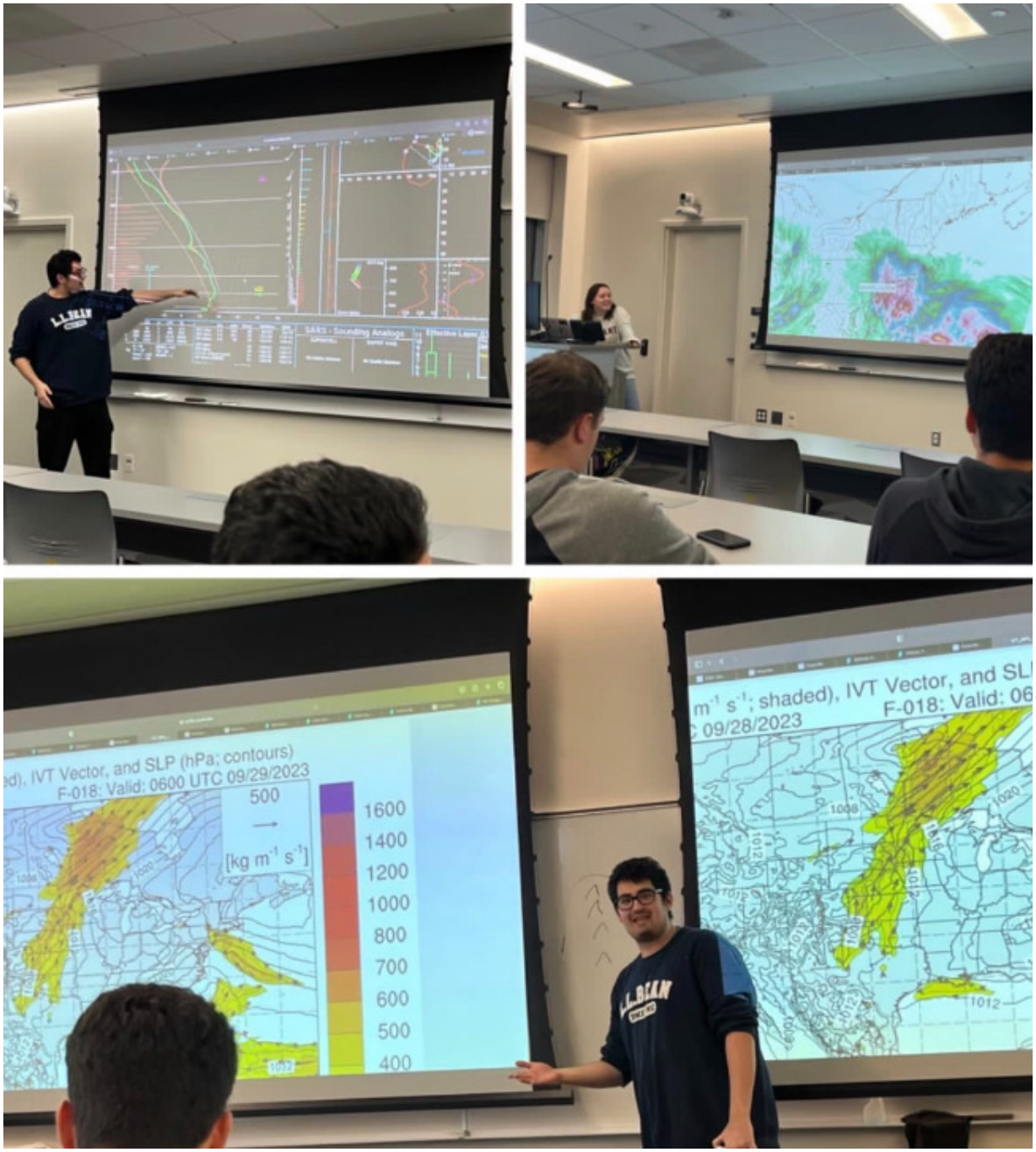
It has been another busy semester here at the University of Albany's Capital Region AMS! Per tradition, we began the new year with our kickoff event, which featured introductions and a map discussion of Hurricane Idalia.



Later in the week, our chapter teamed up for a fun, competitive game of AMS kickball!



Both old and new members had a blast, so much so that we decided to plan a volleyball night later in the semester in order to get outside and take advantage of the beautiful late summer weather we experienced here in the Northeast.



Another important event this semester was our summer experience night, where upperclassmen presented their summer internships and research. This fantastic event allowed our members to learn about and bring awareness to all the opportunities available within the STEM field!

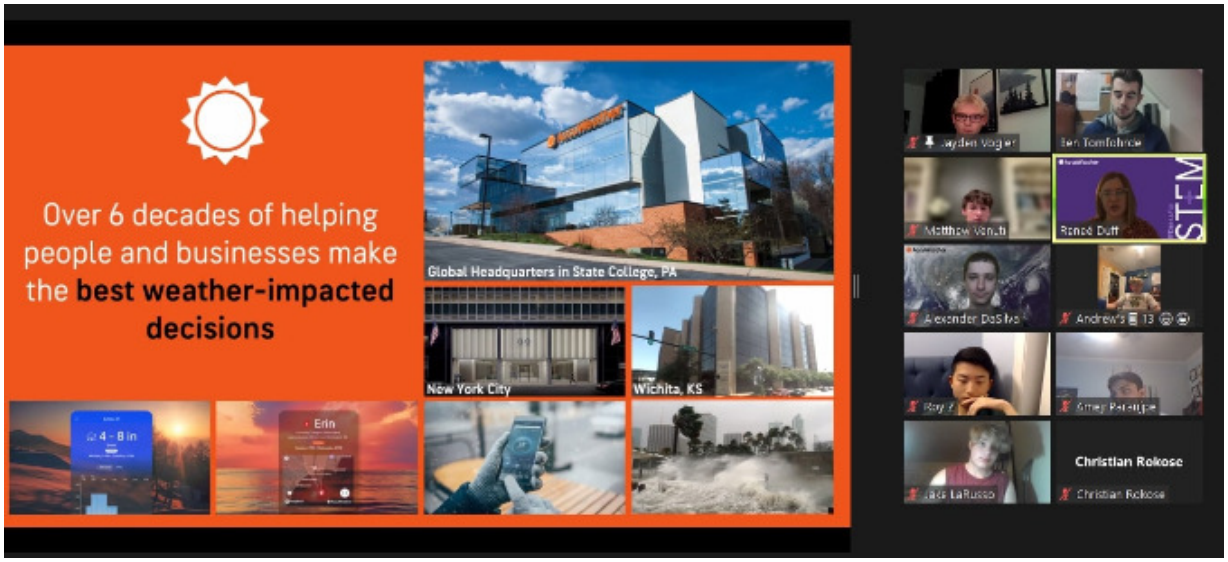
We have big plans for the future, including collaboration with nearby local chapters of AMS, attending several conferences and even more events! In November, our club will host a brand-new event called resume night, where students will learn how to create and critique a resume with upperclassmen and university staff assistance. The following week, we will host career night, which allows students to connect with professionals from all different backgrounds of the meteorology field and also provides an opportunity for members to share their newly created resumes! It has

been a phenomenal year so far and we look forward to the many more events and opportunities to come!

Greater NJ/NYC/Philly

As one of the few precollege local chapters in the country, the Greater NJ/NYC/Philly Chapter of the AMS remains dedicated to providing entertaining and insightful events to its membership. In recent months, the chapter has held multiple virtual meetings, including one with College of DuPage's Professor Paul Sirvatka, where members learned about the NexLab weather model database and the ins and outs of plains storm chasing. The chapter then met virtually with Storm Prediction Center meteorologist Matt Elliott to learn about operations at NOAA's leading thunderstorm and tornado forecasting office.

Recently, the chapter successfully put together its first in-person event of 2023 at Rutgers University's meteorology department in New Brunswick, NJ. Attendees met with Rutgers' own AMS club, gaining insight into the undergraduate meteorology experience. Students were then led on a tour of the Weather Watcher Studio, a student-run broadcasting space for Rutgers students, as well as Rutgers' own weather station.



In early October, the precollege chapter organized a virtual meeting with AccuWeather meteorologists Renee Duff and Alexander DaSilva, who delivered a descriptive and useful presentation on AccuWeather's success as a private forecasting company and highly popular weather app.

Greater St. Louis

The Greater St. Louis AMS chapter, in a joint meeting with students from University of Missouri and St. Louis University, presented its first Lifetime Achievement Award on October 10th to National Weather Service lead forecaster Fred H. Glass, WFO LSX. The award was established to be given to an active member of the Greater St. Louis AMS chapter for their contributions to:

1. The Chapter
2. The field of meteorology, hydrology, or other related atmospheric science
3. The Greater St. Louis community



Fred Glass was nominated for the award by multiple members for his nearly four decades of work in the NWS, his extensive expertise with convective and heavy

precipitation events along with his willingness to share and mentor other forecasters and students. Glass is a leading expert on QLCS tornadoes and continuously strives to improve on existing knowledge of these types of storms. In more than 30 years at WFO St. Louis, Glass has issued numerous life-saving alerts, including advance warning of the EF-4 Good Friday tornado that hit St. Louis Lambert International Airport. Glass was also instrumental in reviving the post-COVID chapter. The award was presented by outgoing chapter President, Matt Beitscher.



The chapter also moved to name the award, the Fred H. Glass Lifetime Achievement Award when, and if, other members are nominated.

Iowa State University



As we started off the new academic year, we held our first local AMS chapter meeting for our members here at Iowa State University. We also held a meet and greet before the meeting began to welcome all the incoming freshmen who shared an interest in meteorology!



We also held our annual departmental picnic! This event allows for our students to converse with professors and faculty in a more casual setting. Not only is it a great way for students to meet with the faculty involved, but other students as well!

Ohio University

OUCAMS had a very exciting month this September!

In each of our weekly meetings, we featured club members' summer internships in our Summer Internship Series! It was so exciting to share these opportunities with all of our members, especially the underclassmen who may be unsure of how they would like to use meteorology in a professional sense!

We also participated in our first adopt-a-highway litter clean-up of the semester! We had a fantastic turnout and had a club lunch afterwards!

Homecoming is this week so for much of September, we were planning and preparing our banner for the parade as well as an Alumni Mixer that we are hosting this Friday! I look forward to sharing with you how that goes in the next issue's update!

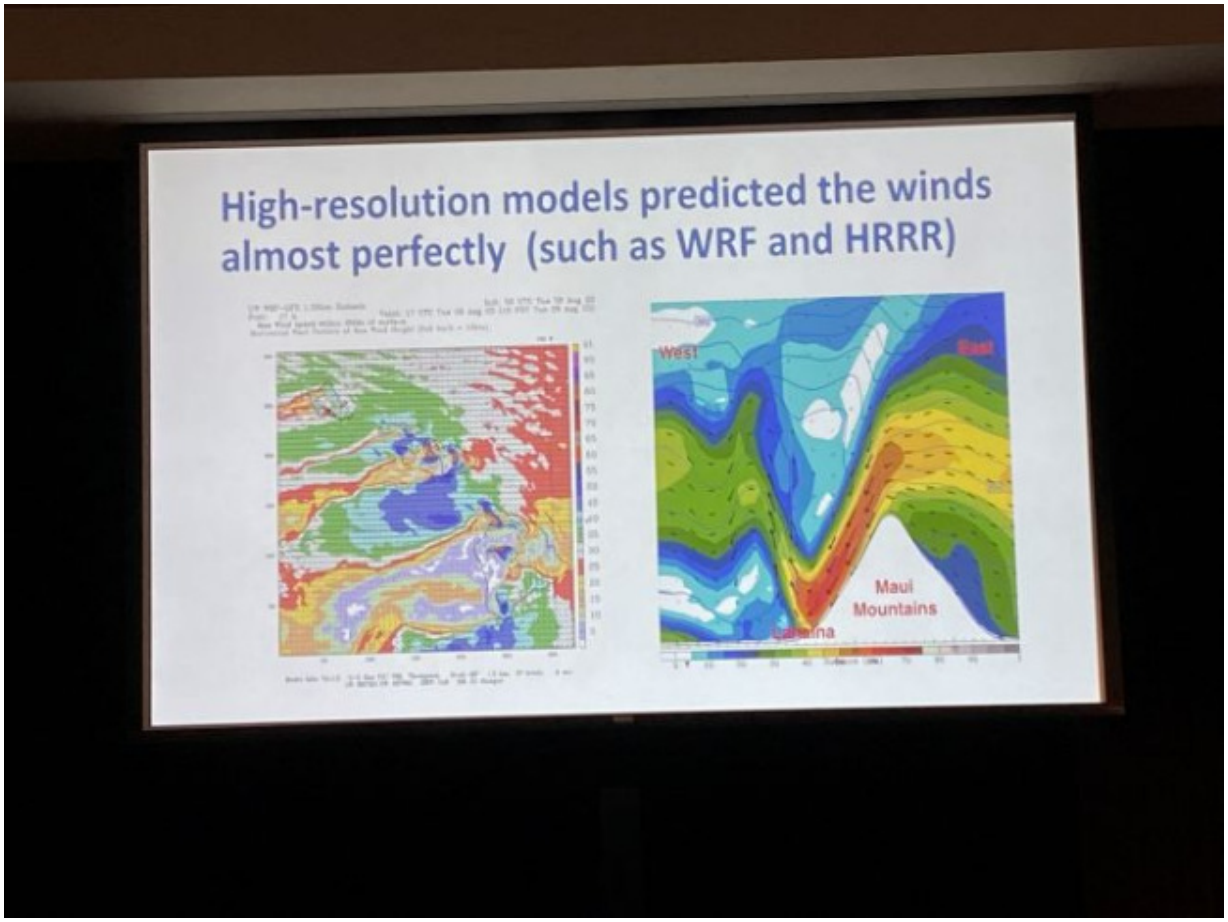
Oregon

The Oregon AMS kicked off the 2023-2024 year with a fascinating discussion about high resolution modeling with two great speakers, Tyler Krantz from NWS Portland and Dr. Cliff Mass from the University of Washington.

Tyler Krantz discussed how models handled the surprise February record snowfall in the Portland area and how they didn’t see the setup coming together. The probability of a high snow total event was less than 1%. Portland ended up with 10.8”.



Dr. Mass discussed his emergency grant funding to study the wildfires that destroyed so much of the town Lahaina, Hawaii.



The high resolution modeling he shared shows that Hurricane Dora had little impact on the downsloping wind event and resulting fire.

Oregon AMS will also have their 31st Annual Winter Weather Forecast Conference on 28 October.

Penn State University

Many fun and exciting events have been happening here at the Penn State University Branch of the American Meteorological Society (PSUBAMS), and many more events are planned for the rest of the fall 2023 semester.

The first PSUBAMS general body meeting in early September discussed the tentative plans for fundraisers and activities for the fall semester.



The second meeting of the semester was the AMS info session which included many conference logistics. We started the application process for those wanting to be funded to attend AMS.



Alongside our AMS preparations, PSUBAMS sent four students to the NWA 2023 conference in Kansas City in mid September for an enriching and educational experience.



Internship Night, an evening filled with the internships/jobs meteorology undergraduates experienced this past summer, was our most recent event occurring in early October. The aim for internship night is to help underclassmen find unique opportunities within the field of meteorology from their peers, ranging from the private sector, broadcast, government, research, and study abroad. Such a diverse spectrum of opportunity might go unnoticed by students, so we strive to show how much there truly is in the workforce.



In late September, we held a headshots fundraiser where students took headshots to add to their professional profiles. We also began our mentoring program to continue the first and second year engagement within the club, where several underclassmen were paired with upperclassmen. Mentors help guide their mentees through career advice, possible paths for their futures, and department involvement. In the later

part of the semester, we plan on hosting more social events including, but not limited to, a fall fest, Halloween activities, a finals week destresser, and many more. We are looking forward to a wonderful remainder of the fall semester, and hope to continue this positive momentum into the spring.

UC Davis

We've been off to a great start this quarter (which began at the end of September).



On October 5th we had our first event, an ice cream social where we enjoyed talking with old friends and welcoming the new students to the major.



Last night (October 19th) we had some folks from NWS Sacramento and the CNRFC come out to give our club a presentation on NOAA and the NWS/CNRFC and student opportunities. It was great for students to learn more about careers in meteorology and hydrology and to ask their questions!



We've also just recently established a mentorship program for students in the Atmospheric Science major. The program allows incoming students to be matched with upperclassmen. The goal is to create more community within the major and help new students navigate their first years.

Coming up we will be hosting a movie night in November to relax a little before midterms!

University of Missouri - Columbia

The University of Missouri-Columbia of the American Meteorological Society (Mizzou Meteorology Club) has started the 2023 fall semester off with a bang! A record attendance was present at the club's first meeting and members are beyond excited to continue to get to know each other and create memories that will last forever. Outside of the regularly scheduled meetings, the chapter has done a great job at reaching out to the general public. In September, the National Weather Service in St. Louis hosted its first open house in 9 years and over 1000 people stopped by throughout the day.



Graduate students from the University of Missouri-Columbia launched 3 weather balloons and sampled atmospheric data all the way up to 40,000 feet.



Later that month, the chapter had a great attendance at Columbia, Missouri's College of Agriculture Food and Natural Resources (CAFNR) Showcase. The Mizzou chapter launched more weather balloons and even created a tornado in a bottle.



Furthermore, members from the chapter attended this year's National Weather Association (NWA) meeting in Kansas City, Missouri. The university had a table celebrating the 75th anniversary of atmospheric science at Mizzou which has been the main theme this year for the program.

Another big event that has occurred within the club has been homecoming. Chapter members have participated in day of service, flag football, banner painting, decorate the district, and walking in the parade.



Finally, the meteorology club traveled to St. Louis for a joint-meeting with the Greater St. Louis Chapter of the AMS, continuing the tradition of biannual meetings between the two chapters. The chapter looks to continue this energy heading into next semester by serving and educating the public. Public school visits, volunteering at sporting events, and creating a StormReady campus are some of our goals next year!

University of Oklahoma



OU SCAN's "Weather Friends" Heat Wave, Ultraviolet, & Ice Queen conduct a friendly game of weather safety and preparedness trivia with a young attendee of the National Weather Festival in Norman, Oklahoma on Saturday, October 14th, 2023.



The University of Oklahoma's Student Chapter of the American Meteorological Society & National Weather Association participated in the annual National Weather Festival held in Norman, OK on Saturday, October 14th, 2023. Attracting over 4,000 guests each year, this event showcases the world of meteorology with demonstrations from research partners located in the National Weather Center, hourly weather balloon launches, disaster response equipment used by local emergency management, as well as meet & greets with Oklahoma City broadcast meteorologist news crews! OU SCAN's involvement in the festival includes our very own team of 15 weather-themed superheroes! Equipped with weather safety and preparedness knowledge in the form of Trading Cards, each character ventures about the festival on a quest to spread information and hopefully inspire the next generation of meteorologists. Once an attendee collects all 15 cards from each Weather Friend, they receive an exclusive, commemorative sticker detailed with the National Weather Center's coordinates and emblems from each of our Weather Friends! We had an absolute blast this year volunteering and spreading our love for this field with each and every attendee!

Western Illinois

So far this fall at Western Illinois University, our chapter has gone above and beyond what we could have thought was possible of our chapter. First, we have engaged with many different speakers through our speaker speaker series. We have had Tim Marshall, Ginger Zee, and Ian Giammanco come speak to us on very unique topics that we believe are important for a successful career in our field.



Our group has also excelled in community outreach and service, where we have so far had the opportunity to talk to elementary aged students about weather safety as well as handing out crucial information about severe weather to those in our community!

All this hard work so far has also given us some time to come together as a group and have fun as well. We have had lunch outings within our chapter and game nights on weeks where we needed a much needed break. The year has just begun and we are so excited to show everyone what else we have in store!

Announcements

Upcoming Webinars



This webinar will begin with an overview of critical incident stress management and then a personal look at the topic from both Mike Proud and Brandon Aydlett's perspective (Mike as an IMET, Brandon related to a major tropical cyclone landfall). After their presentations, there will be a panel discussion. Register **here**.



Are you a high school or undergraduate student interested in the intersection of weather, climate, and society? Have you been wondering what options there are in the field? The Board on Societal Impacts wants to make this process just a little easier. With so many different interdisciplinary programs, it can be hard to know where to look and how to apply for graduate school. We are excited to offer a panel with interdisciplinary faculty and current students to talk about their experience and how to navigate the process. Come learn what you should look for when researching and deciding on a graduate program. Ask your questions and plan your future. Questions can be asked live or submitted through this **form**. Register **here**.

Free Workshop for Students

Sinclair Broadcast Group is offering free, interactive, virtual workshops for college students interested in pursuing a career in journalism. The Weather workshop is on November 15th. Students must register with a .edu email address. Learn more **here**.

Upcoming Meetings

104th Annual Meeting

Dates: 28 January–1 February 2024
Location: Baltimore, MD

Short Courses at the AMS 104th Annual Meeting

Dates: 27-28 January 2024
Location: Baltimore, MD

23rd Annual Student Conference
Dates: 27-28 January 2024
Location: Baltimore, MD

12th AMS Conference for Early Career Professionals
Dates: 28-29 January 2024
Location: Baltimore, MD

36th Conference on Hurricanes and Tropical Meteorology
Dates: 6-10 May 2024
Location: Long Beach, CA

51st Conference on Broadcast Meteorology/Seventh Conference on Weather Warnings and Communication
Dates: 12-14 June 2024
Location: Myrtle Beach, SC

24th Conference on Atmospheric and Oceanic Fluid Dynamics & 22nd Conference on Middle Atmosphere
Dates: 24-28 June 2024
Location: Burlington, VT

Automated Vehicles & Meteorology Summit
Dates:25-27 June 2024
Location: Ann Arbor, MI

21st Conference on Mountain Meteorology
Dates: 22-26 July 2024
Location: Boise, Idaho

31st Conference on Severe Local Storms
Dates: 21-25 October 2024
Location: Virginia Beach, VA

Other News in Meetings

Registration Now Open for **104th Annual Meeting**! 28 January–1 February 2024, Baltimore, MD and Online.

Check out all the great **short courses** happening during the annual meeting!

Financial Assistance - In keeping with our constant goal to ensure that anyone who wants to participate in the Annual Meeting can do so—we will offer **options** for complimentary and reduced registration fees. The application deadline is 31 October. Applicants will be notified by 15 November.

Students make sure to **reserve** your hotel room for the Annual Meeting!

Check out our **upcoming meetings** next summer! Abstract submissions are open for some of these meetings. Submit your abstract now! There are also many great student volunteer, funding, and award opportunities available. These can be found in each individual meeting webpage under the student opportunities tab.

View **recordings** from past meetings for free!

AMS Weather Band

Discover a new and exciting world of weather with the AMS Weather Band! As a community of weather enthusiasts, we offer engaging events, educational resources, and opportunities to connect with fellow weather aficionados. Whether you are a seasoned meteorologist or just curious about the elements, there's something for everyone in the Band. Click **HERE** to learn more about becoming a member and joining us on this meteorological journey!

American Meteorological Society

If you aren't yet a member of the American Meteorological Society, you have an opportunity to build even stronger connections in the weather, water, and climate community by joining today! AMS Members and Student Members get free journal access, discounts on important conferences, and vital career-building opportunities, all at very affordable (often sliding-scale) prices. Click **HERE** to learn more about AMS membership.



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