



Kansas City

June 11-13

Meeting Hosts:



Matthew Sittel
Assistant State Climatologist
Kansas State University



Zachary Leasor
State Climatologist
University of Missouri

Zoom link

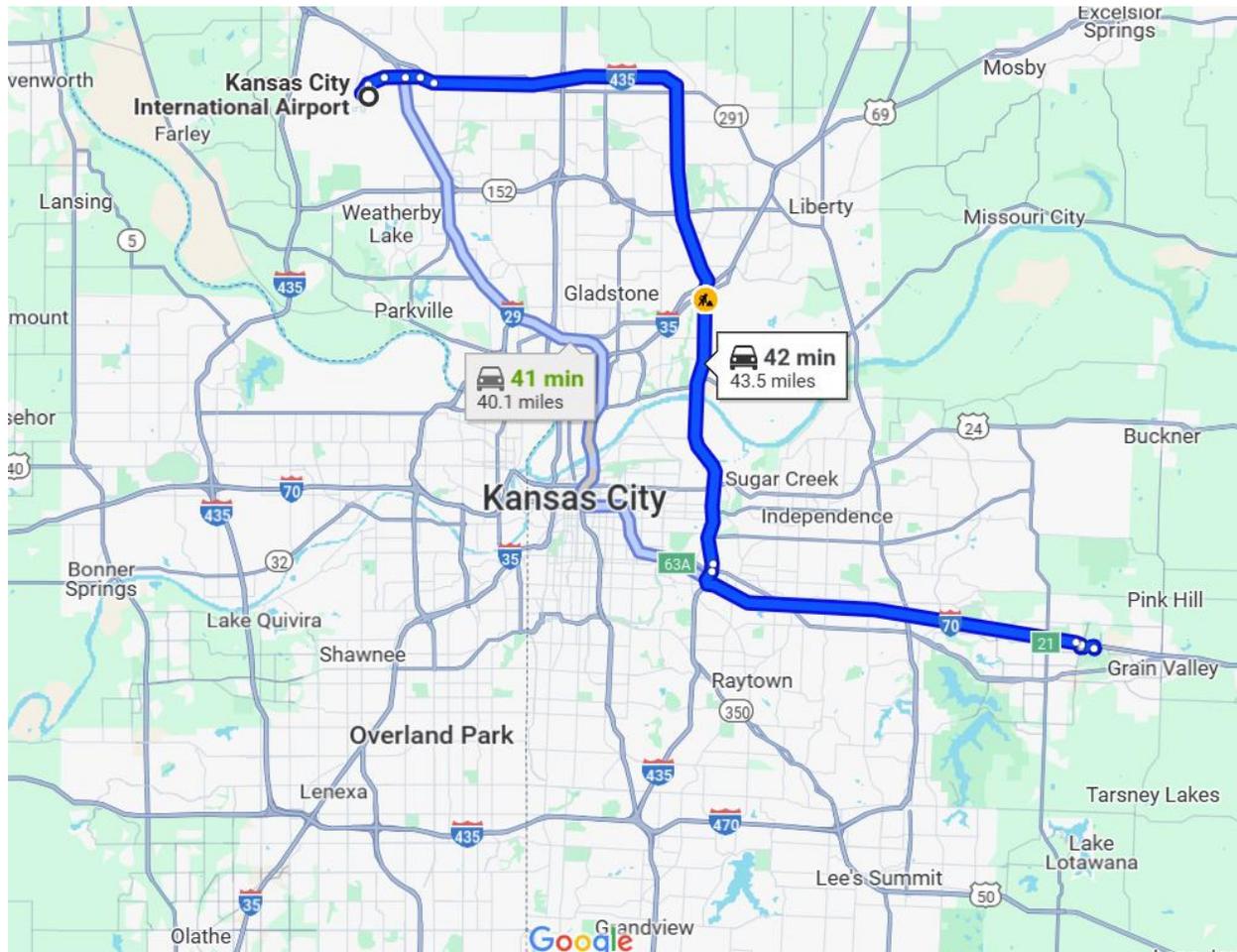
<https://umsystem.zoom.us/j/96598668580?pwd=n5uRw6NJsUjPDLDKpPGzZLTLBVbUXT.1>

Meeting ID: 965 9866 8580

Passcode: 089517

It's less than two months until our annual meeting! We are excited to have you coming to Kansas City this year and wanted to give you some information ahead of the meeting, to tell you more about Kansas City and what we have planned. If you have any questions, feel free to reach out to either of us. See you soon!

Matt Sittel (msittel@ksu.edu) / Zack Leasor (leasorz@missouri.edu)



Getting here:

The Adams Pointe Conference Center (<https://adamspointecc.com/>) is our meeting location, attached to our host hotel, the Courtyard by Marriott Kansas City East/Blue Springs (<https://www.marriott.com/en-us/hotels/mcibs-courtyard-kansas-city-east-blue-springs/overview/>). Adams Pointe's address is 1400 NE Coronado Drive in Blue Springs, Missouri (39.02558°N, 94.24198°W). It is conveniently located off exit 21 of Interstate 70.

If you're flying into Kansas City, KCI Airport is on the northwest side of the Kansas City metropolitan area. Our meeting site is on the east side of the metro, so you'll have a 40 to 45-minute drive across the metro to Adams Pointe. The easiest way to get to Adams Pointe

is by taking I-435 clockwise from the airport for approximately 28 miles, then taking I-70 east for another 13 miles. Google Maps suggests an alternate route, taking I-29 south into the heart of downtown Kansas City (21 miles) then taking I-70 east for 20 miles. Depending on when you're arriving, the downtown route may have much heavier traffic than I-435.

Transportation:

Kansas City International Airport (MCI) is located on the northwest side of the metropolitan area (<https://flykc.com>). The airport is served by 11 airlines, with the 4 largest carriers being Southwest, American, Delta and United. There are 10 car rental facilities with frequent free shuttles between the terminals and rental car facilities. Rental companies include Alamo, Avis, Budget, Dollar, Enterprise, Hertz, National, Payless, Sixt and Thrifty. The airport also has a pickup location for both taxi and app-based ride share services. The estimated Uber cost from the airport to Adams Points is \$60. The RideKC metro bus service operates to and from the airport every day and shuttle services are available to book via VisitKC (<https://www.visitkc.com/meetings/facilities-suppliers/planning-transportation>).

Amtrak stops in Kansas City at Union Station in the heart of downtown. Both the Missouri River Runner and Southwest Chief lines stop there.

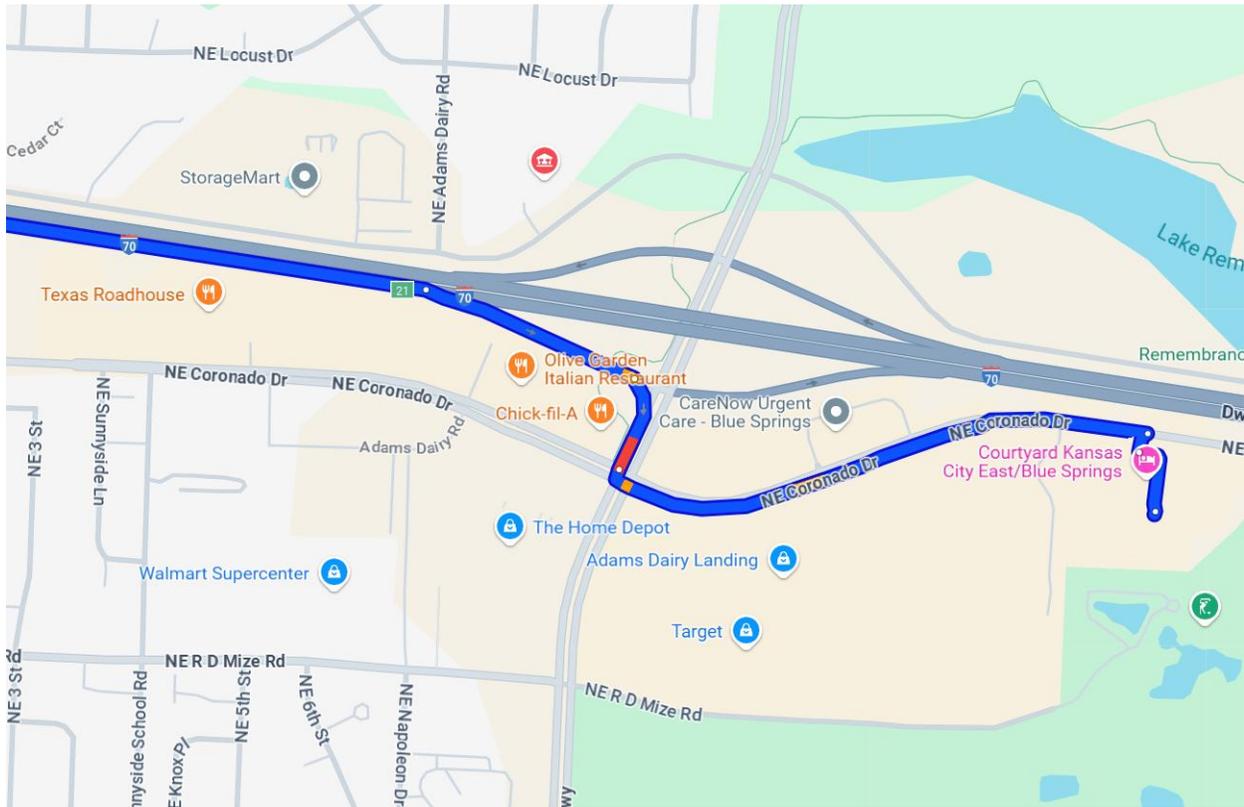
The metro is served by four interstate highways (29, 35, 49 and 70), as well as additional 3-digit interstate routes (435, 470, 635, 670) that connect the 2-digit highways. I-435 is the main loop around the metro area.

Lodging:

Our host hotel is the Courtyard by Marriott Kansas City East/Blue Springs, conveniently attached to Adams Pointe Conference Center. A block of rooms has been reserved for AASC. Visit <https://stateclimate.org> to reserve your room using a link provided by the hotel or give the hotel a call at (816) 228-8100. Check in time is 3 PM, and check out time is 12 noon. On-site parking is complimentary. Hotel amenities include a fitness center, pool, and a cocktail lounge in the lobby perfect for casual conversation after the meeting.

The hotel's Bistro is open daily for a hearty breakfast or on the go meal in the mornings plus a full bar and dinner in the evenings.

There are many businesses and restaurants near the hotel. Walmart and Target are both within ½ mile. Numerous restaurants are reasonably close by as well. A few options within 1 mile of the hotel include Texas Roadhouse, Olive Garden, Panda Express, Hawaiian Bros, Raising Cane’s, Five Guys, MOD Pizza and IHOP.



Group Activities:



Make sure you join us for a night at the ball park! On Wednesday night, June 11th, the Kansas City Royals will be hosting the New York Yankees. First pitch is at 6:40 pm. We will be sitting together as a group and will be travelling together too via bus. You can pre-purchase your ticket; visit the AASC web site (stateclimate.org).

Meals:

Prior to the beginning of the meeting, there will be a welcome reception on Tuesday evening in the lobby of the Adams Pointe Conference Center from 6 until 8 PM. Appetizers will be provided, and a cash bar will be available.

Breakfast and lunch will be provided each day, prepared in-house by a master chef and his team. If you have any dietary restrictions, please let us know so we can make sure that your needs are taken care of. Coffee, tea and water service will be available throughout the day.

Kansas City Facts and Figures:

The metropolitan area has around 2.25 million residents (2024 estimate). It is the 31st largest metro area in the United States.

The largest cities in the metro are Kansas City, MO (508,090), Overland Park, KS (197,238), Kansas City, KS (156,607), Olathe, KS (141,290), Independence, MO (123,011) and Lee’s Summit, MO (101,108). Our host city, Blue Springs, MO, has 58,604 residents.

What’s the weather like in Kansas City this time of year?

Kansas City averages 39.30” of precipitation annually. May and June are typically the wettest months. Average annual snowfall is 18.2”, with February the snowiest month on average. During the year, average daily highs range from 39° to 89°, while average daily lows range from 19° to 68° (Source: SC-ACIS). Average temperatures in mid-June are on the increase but not yet at those annual maxima:

Date	Normal High/Low	Record High (Year)	Record Low (Year)
June 11	83° / 63°	104° (1953)	51° (2019)
June 12	84° / 63°	100° (1953)	50° (1985)
June 13	84° / 64°	103° (1953)	47° (1985)
Average 7-day precipitation for the week of June 8-14 is 1.22”.			

Mornings are generally comfortable, while afternoons are warm. It can be hot though; record highs for all three days of our meeting are at or above 100 degrees. Severe weather is a possibility, but climatologically speaking, severe weather is more likely in May than June (Source: Storm Prediction Center).



ADAMS POINTE
CONFERENCE CENTER

1400 NE Coronado Drive
Blue Springs, MO 64014
Phone: 816.220.4400
Fax: 816.220.4494



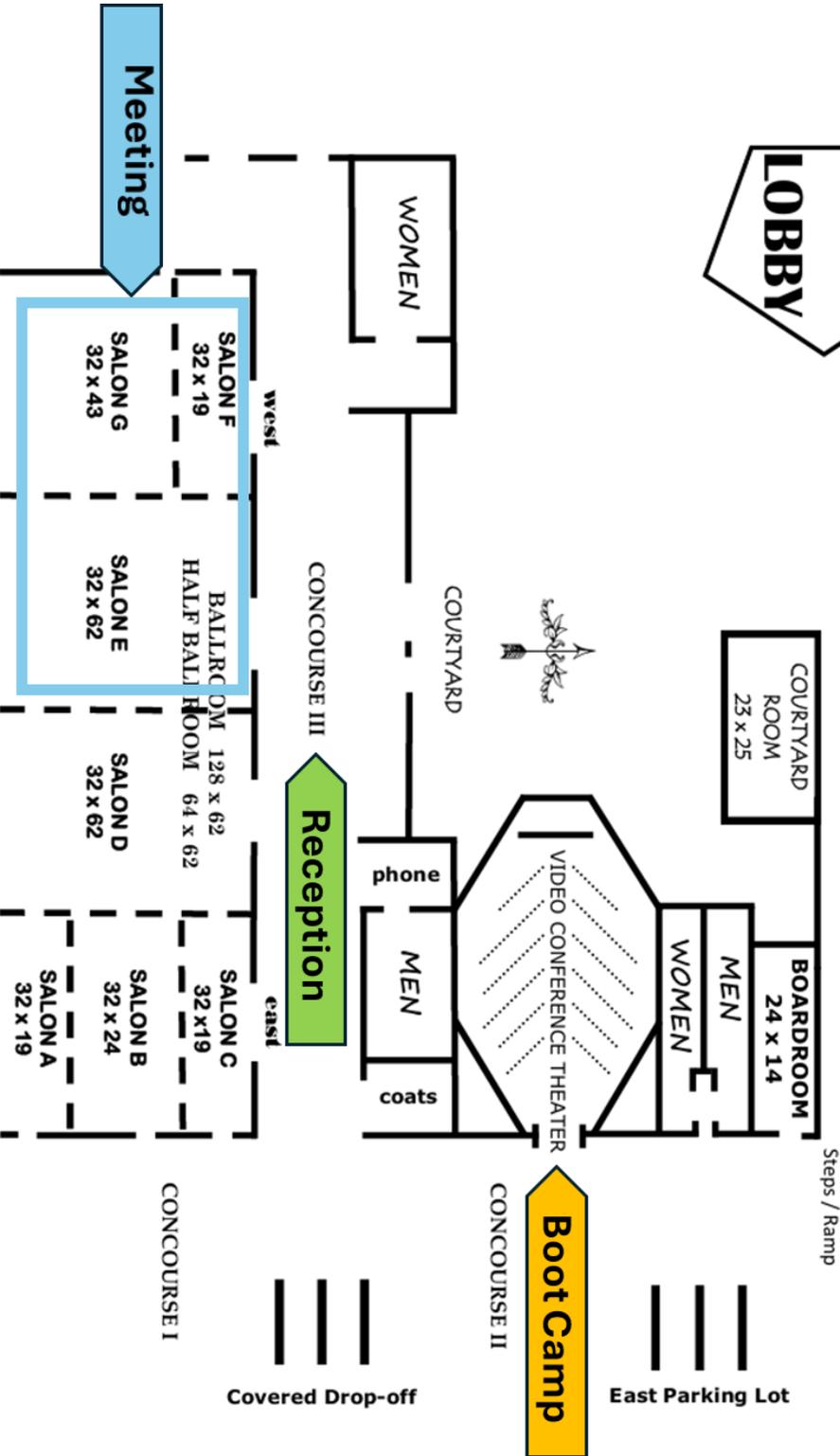
AASC
AMERICAN ASSOCIATION OF
STATE CLIMATOLOGISTS

2025 Annual
Meeting and
Climate Tools
Boot Camp



hallway

Steps / Ramp



Room Set:
15- Modified Rounds of 5 per
= 75 Seats

Captain's Choice Linen & Napkins
Beverages in Room
Buffet & Dessert in CCIII
Black Pipe & Drape on Stage
Podium - 2 handheld wireless mic
House Sound

All Cords ran to podium

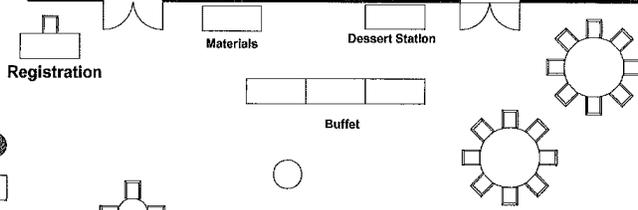
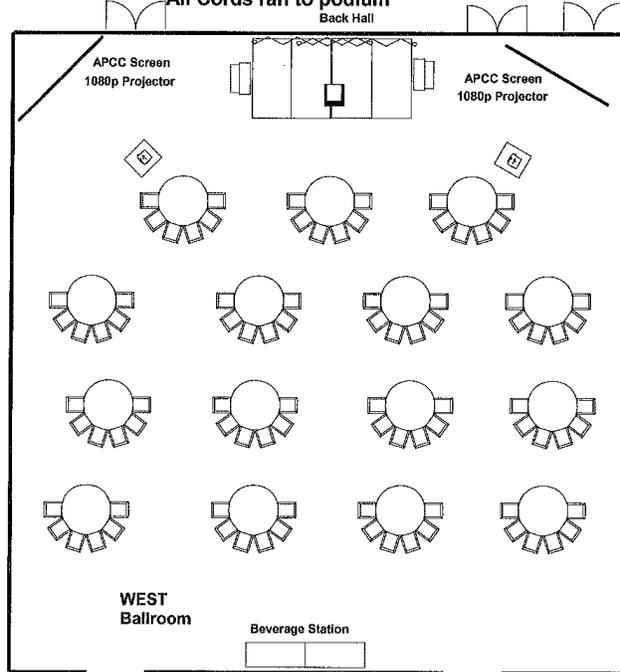


Diagram created using Room Viewer®.

	WEDNESDAY (6/11)	THURSDAY (6/12)	FRIDAY (6/13)	
7:45	BREAKFAST	BREAKFAST	BREAKFAST	7:45
8:00				8:00
8:15				8:15
8:30	Welcome Speaker	Drought Monitoring 6	Student Award 1	8:30
8:45	Welcome Briefing			8:45
9:00	Program Update 1			9:00
9:15	Partner Update 1	Research Results I 5	Research Results II 4	9:15
9:30				9:30
9:45				9:45
10:00	DISCUSSION	DISCUSSION	DISCUSSION	10:00
10:15	BREAK	BREAK	BREAK	10:15
10:30	State Climate Office Updates 5	AASC Open Forum I	Research Results II 4	10:30
10:45				10:45
11:00				11:00
11:15	DISCUSSION	Poster Talks 14	DISCUSSION	11:15
11:30				11:30
11:45				11:45
12:00	LUNCH	LUNCH	LUNCH / Regional Climate Center Get-Togethers	12:00
12:15				12:15
12:30				12:30
12:45	Extreme Events 5	Climate Quiz	Outreach/Extension 4	12:45
13:00				13:00
13:15				13:15
13:30	DISCUSSION	Poster Session 14	DISCUSSION	13:30
13:45				13:45
14:00				14:00
14:15	BREAK	Business Meeting	DISCUSSION	14:15
14:30	14:30			
14:45	14:45			
15:00	Climate Services 6	ADJOURN	ADJOURN	15:00
15:15				15:15
15:30				15:30
15:45	DISCUSSION	AASC Open Forum II	ADJOURN	15:45
16:00				16:00
16:15				16:15
16:30	ADJOURN	AASC Open Forum II	ADJOURN	16:30
16:45	16:45			
17:00	17:00			
17:15	ADJOURN	ADJOURN	ADJOURN	17:15

Baseball First Pitch 18:40

Meeting Schedule (all times CDT)

*All presentations will be 15 minutes in length unless otherwise noted**

Wednesday, June 11

- | | |
|---|--|
| 7:45 – 8:30 A.M. | Breakfast (provided) |
| 8:30 – 8:45 A.M. | Welcome - Chris Lievsay, Mayor, Blue Springs |
| 8:45 – 9:00 A.M. | Welcome Briefing
Jeff Andresen, Michigan State University |
| 9:00 – 9:30 A.M. | Program Update |
| <i>Cooperative Observer Program Update (Virtual)</i>
Amy Fritz, National Weather Service | |
| 9:30 – 10:00 A.M. | Partner Update |
| <i>Updates from NOAA's National Centers for Environmental Information (Virtual)</i>
Tamara Houston, NOAA's National Centers for Environmental Information | |
| 10:00 – 10:15 A.M. | Discussion |
| 10:15 – 10:30 A.M. | Break |
| 10:30 – 11:45 A.M. | State Climate Office Updates
Moderator: David DuBois, New Mexico State U. |
| <i>Expansion of the Wisconsin State Climatology Office</i>
Steve Vavrus, Wisconsin State Climatology Office | |
| <i>Goings on within the Office of the NJ State Climatologist</i>
David Robinson, Office of the NJ State Climatologist, Rutgers University | |
| <i>The 2024 Nebraska Climate Assessment</i>
Eric Hunt, University of Nebraska Extension | |
| <i>Climate Applications in Delaware</i>
Kevin Brinson, Delaware Climate Office | |
| <i>Alaska State Climate Report, Updates from the Alaska State Climate Office and Research Highlights</i>
Martin Stuefer, Alaska State Climate Office, University of Alaska Fairbanks | |
| 11:45 A.M. – 12:00 P.M. | Discussion |
| 12:00 – 1:00 P.M. | Lunch (provided) |

1:00 – 2:15 P.M.

Extreme Events

Moderator: Russ Schumacher, Colorado State

The LA fires: A WRCC perspective

Tim Brown, Western Regional Climate Center

A Summary of Snowfall Depths and Minimum Temperatures from the January 21-22, 2025 Gulf Coast Winter Storm

Derek T. Thompson, Southern Climate Impacts Planning Program (SCIPP)

Hydrologic Whiplash and Drought Monitoring in the Southeastern U.S.: Lessons from 2024

Lee Ellenburg, Alabama Office of the State Climatologist

Hurricane Helene and Northeast Tennessee: Climatology, Impacts, and Recovery

Andrew Joyner, Tennessee Climate Office

A Tale of Two Storms -- Hurricane Debby and Hurricane Helene StoryMap (Virtual)

Hope Mizzell, South Carolina State Climatology Office

2:15 – 2:30 P.M.

Discussion

2:30 – 2:45 P.M.

Break

2:45 – 4:00 P.M.

Climate Services

Moderator: Laura Edwards, South Dakota State

Graduate Service Assistantships: Innovating Climate Education, Training, and Public Services

Trent Ford, Illinois State Water Survey, University of Illinois

NOAA Atlas 15: A Climate-Informed Precipitation Frequency Tool

Doug Kluck, National Oceanic Atmospheric Administration's National Centers for Environmental Information (retired)

Climate Office Engagement with State Government

Grace Dines, Kentucky Climate Center, Western Kentucky University

NWS 2025 Annual Update to AASC (Virtual)

Marina Timofeyeva, NOAA NWS Climate Services Branch

Mesonet Atlas Helps Find Unique Data

Beth Hall, Midwestern Regional Climate Center

UT-City Colab and Urban Sustainability in Austin: Updates and Activities

Allysa Dallmann, The University of Texas at Austin

4:15 – 4:30 P.M.

Discussion

4:30 P.M.

Adjourn

Thursday, June 12

7:45 – 8:30 A.M. Breakfast (provided)
8:30 – 10:00 A.M. Drought
Moderator: Zack Leasor, University of Missouri

Identifying Drought Indicator Importance by Location and Season
Molly Woloszyn, University of Colorado/CIRES and NOAA/NIDIS

Flash Droughts: Putting "Early" in Drought Early Warning
Mark Svoboda, National Drought Mitigation Center/UNL

NASA's NLADS-3: Leveraging Unique Modeling and Remote Sensing Assets to Support North American Water-Informed Decisions
Rob Junod, University of Alabama in Huntsville/ESSC/AOSC

The United States Drought Monitor: Then, Now, and the Future. Encapsulating the Gold Standard of Drought Monitoring
Brian Fuchs, National Drought Mitigation Center

Slicing and Dicing Drought
John Nielsen-Gammon, Texas A&M University

Lessons Learned from the 2025 Drought and Water Shortage Tabletop Exercise (Virtual)
Hope Mizzell, South Carolina State Climatology Office

10:00 – 10:15 A.M. Discussion
10:15 – 10:30 A.M. Break
10:30 – 11:15 A.M. AASC Open Forum I
11:15 A.M. – 12:00 P.M. Poster Talks
Moderator: Steve Vavrus, University of Wisconsin
12:00 – 1:00 P.M. Lunch (provided)
1:00 – 1:30 P.M. Climate Quiz
1:30 – 2:30 P.M. Poster Session
2:30 – 4:30 P.M. AASC Business Meeting
Jeff Andresen, Michigan State University
4:30 – 5:30 P.M. AASC Open Forum II
5:30 P.M. Adjourn

Friday, June 13

7:45 – 8:30 A.M.

Breakfast (provided)

8:30 – 9:00 A.M.

Student Award & Presentation

Introduction: Xiaomao Lin, Kansas State

Nenghan Wan is a postdoctoral research fellow in the Department of Agronomy at Kansas State University (KSU). She completed her bachelor and master's degree in Agrometeorology at China Agricultural University and obtained a PhD in Agricultural Meteorology from KSU in 2024. Nenghan's research interests include climate variability, climate dynamics and their environmental impacts in agriculture. Her toolbox includes analyzing several remote sensing, climate datasets and observations in various formats, as well as process-based modeling dataset.

9:00 – 10:15 A.M.

Research I

Moderator: Trent Ford, Illinois State Water Survey

What makes a tornado deadly? An updated look into the factors affecting tornado risk and their changes over time

Chip Konrad, Southeast Regional Climate Center, UNC-Chapel Hill

Frozen to death: A case study of the causes and impacts of Kentucky's coldest year (1917)

Luke Marcum, Kentucky Climate Center, Western KY University

How Does Global Warming Relate to Impacts in Washington State?

Guillaume Mauger, University of Washington

A Comparison of Kentucky Mesonet, COOP, and ASOS Precipitation and Temperature

Jerry Brotzge, Kentucky Climate Center

Using Locally Downscaled Climate Model Intercomparison Project 6 Data to Evaluate Trends in Warm Season Flooding Risk in Colorado

Peter Goble, Colorado State University

10:15 – 10:30 A.M.

Discussion

10:30 – 10:45 A.M.

Break

10:45 A.M. – 11:45 A.M.

Research II

Moderator: John Nielsen-Gammon, TAMU

High-Elevation Meteorological Networks in the Andes and Himalaya: New Findings and Operational Challenges

Baker Perry, University of Nevada, Reno

Estimation of Impacts-Based Drought Thresholds for the U.S. Corn Belt

Steven Quiring, The Ohio State University

An Examination of Evapotranspiration Across the Kansas Mesonet
Matthew Sittel, Kansas State University

*Quality-Controlled Databases of US Extreme Rainfall Events Based on Gridded
Precipitation Estimates and CoCoRaHS Observations*
Russ Schumacher, Colorado State University/Colorado Climate Center

11:45 A.M. – 12:00 P.M.

Discussion

12:00 – 1:00 P.M.

Lunch (provided) and Regional Climate
Center Discussions

1:30 – 2:30 P.M.

Outreach/Extension

Moderator: Melissa Griffin, South Carolina DNR

North Central Climate & Agriculture Conference
Laura Edwards, SDSU Extension

Making Connections during Education and Outreach
Missy Holzer, Office of the NJ State Climatologist, Rutgers University

Drought Early Warning Systems Work - Ohio Drought of 2024
Aaron Wilson, State Climate Office of Ohio (Virtual)

Were we prepared? Results from a climate impacts tabletop exercise
Becky Bolinger, Lynker

2:30 – 2:45 P.M.

Discussion

2:45 P.M.

Adjourn

Poster Presentations (Thursday, June 12, Lightning Session: 11:15 AM-Noon, Poster Session: 1:30 – 2:30 PM)

Developing Delaware's Climate Projections: A Statewide Collaboration

Christina Callahan, Delaware Climate Office, UD Center for Environmental Monitoring & Analysis

A summary of New Mexico's exceptional spring dust events

Dave DuBois, New Mexico State University

'DroughtReach' and Beyond: Expanding Climate Services in Alabama

Brianne Minton, Alabama Office of the State Climatologist

Analysis of Rock River Flooding and Efforts to Reduce Flooding

Paul Buchmann, WI State Climatology Office

Ecological Drought Climatology for MidAtlantic U.S.

Jacklynn Beck, The Ohio State University

Soil Moisture Data Value Study Sensitivity Analysis in the Upper Missouri River Basin

Jacklynn Beck, The Ohio State University

Historical Extreme Weather Damages at the County Scale in Texas

B.J. Baule, Texas A&M University/SRCC

Buried Treasure - The Joy and Pain of Moving a State Climate Office

Melissa Griffin, South Carolina State Climatology Office

Tennessee Climate Office - 2025 State Report

William Tollefson, Tennessee Climate Office / ETSU

Updates on MA Climate Science Report and Resilience Initiatives

Edwin Sumargo, Commonwealth of Massachusetts

Iowa's State Climate Report

Justin Glisan, SC of Iowa - Iowa Department of Agriculture and Land Stewardship

Developing a Soil and Atmospheric Monitoring Plan for Missouri

Zack Leasor, Missouri Climate Center, University of Missouri