



Partners in a Water Secure Future



Dr. Kevin Kloesel
Director
Oklahoma Climatological Survey



THE GOVERNOR'S WATER CONFERENCE

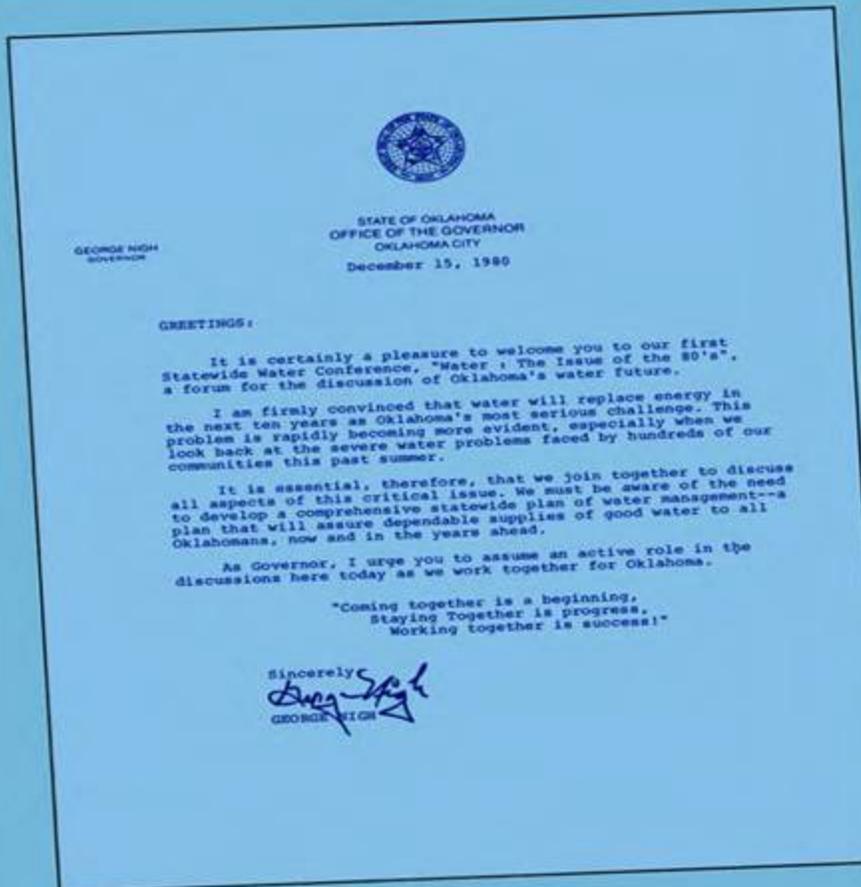
"WATER: The Issue of the 80s"

December 15, 1980

Skirvin Plaza Hotel Sheraton Century Center
One Park Avenue Broadway and Main
Oklahoma City, Oklahoma



George Nigh
Governor



STATE OF OKLAHOMA
OFFICE OF THE GOVERNOR
OKLAHOMA CITY
December 15, 1980

GEORGE NIGH
GOVERNOR

GREETINGS:

It is certainly a pleasure to welcome you to our first Statewide Water Conference, "Water: The Issue of the 80's", a forum for the discussion of Oklahoma's water future.

I am firmly convinced that water will replace energy in the next ten years as Oklahoma's most serious challenge. This problem is rapidly becoming more evident, especially when we look back at the severe water problems faced by hundreds of our communities this past summer.

It is essential, therefore, that we join together to discuss all aspects of this critical issue. We must be aware of the need to develop a comprehensive statewide plan of water management--a plan that will assure dependable supplies of good water to all Oklahomans, now and in the years ahead.

As Governor, I urge you to assume an active role in the discussions here today as we work together for Oklahoma.

"Coming together is a beginning,
Staying together is progress,
Working together is success!"

Sincerely,

George Nigh
GEORGE NIGH



AGENDA

SHERATON CENTURY CENTER

- 8:00 – 9:00 Registration
- 9:00 – 9:05 Opening Remarks
Gerald Borelli, Chairman
Oklahoma Water Resources Board
- 9:05 – 9:15 Welcome and Introduction
Robert S. Kerr, Jr., Conference Chairman
- 9:15 – 9:40 Keynote Address
The Honorable George Nigh, Governor
- 9:40 – 10:10 Water Resources Development Financing
— A Discussion of Alternatives
Dr. Herbert Grubb,
Director of Planning
Texas Department of Water Resources
- 10:10 – 10:30 Arkansas Red River Basin Chloride Control
W.M. (Bill) Gamel, Chief of Engineering
Tulsa District Corps of Engineers
- 10:30 – 10:50 Oklahoma Water, Present and Future
Joe Hail, Conservation Officer
Western Area Power Administration
Golden, Colorado
- 10:50 – 11:20 Oklahoma Comprehensive Water Plan
James R. Barnett, Executive Director
Oklahoma Water Resources Board
- 11:20 – 11:30 Wrap Up
Robert S. Kerr, Jr.

SKIRVIN PLAZA HOTEL

- 11:45 – 1:30 Luncheon
Jim Gillie, Assistant to the Vice President
Public Affairs
Phillips Petroleum Company
Congressional Delegates in Attendance
- 1:30 – 3:15 Afternoon Sessions
- 3:15 – 4:20 General Assembly
Summarization of Afternoon Sessions
by Moderators
- 4:20 – 4:30 Closing Remarks
Governor Nigh
- 4:30 Adjourn

THE GOVERNOR'S WATER CONFERENCE

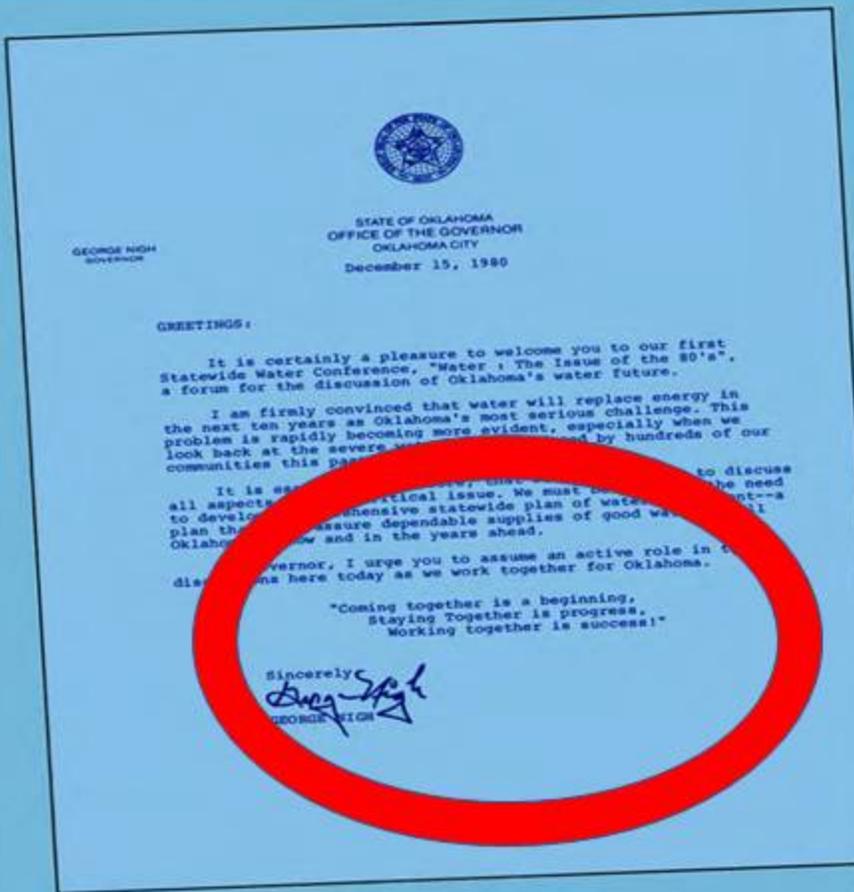
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THE GOVERNOR'S WATER CONFERENCE

"WATER: The Issue of the 80s"

"The test of our progress is not whether we add more to the abundance of those who have too much; it is whether we provide enough for those who have too little."

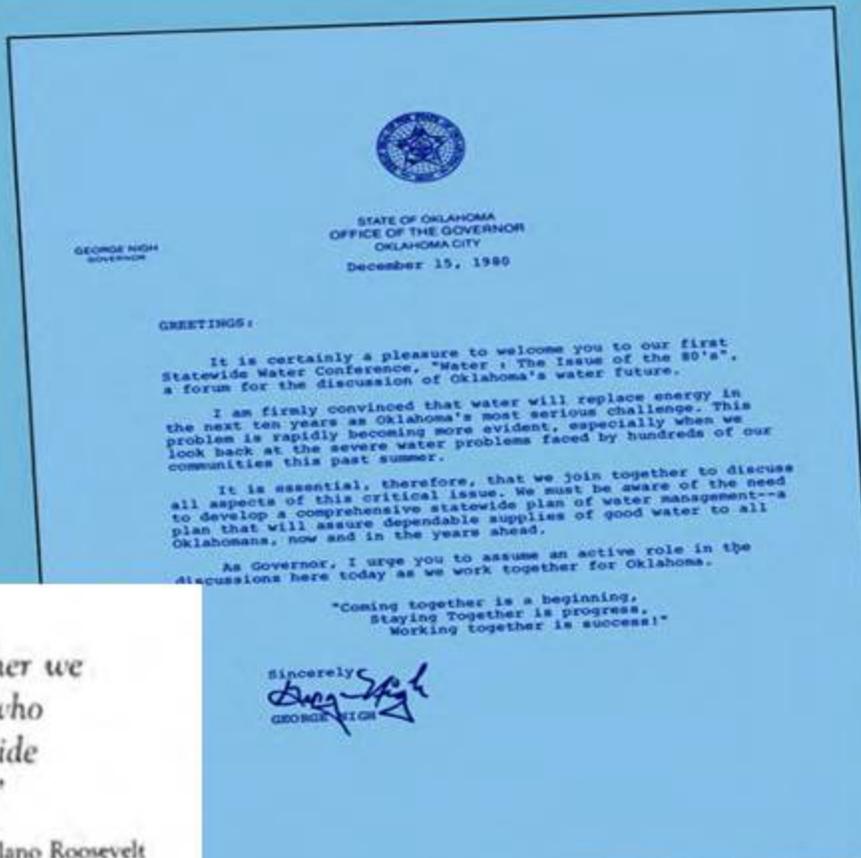
—Franklin Delano Roosevelt

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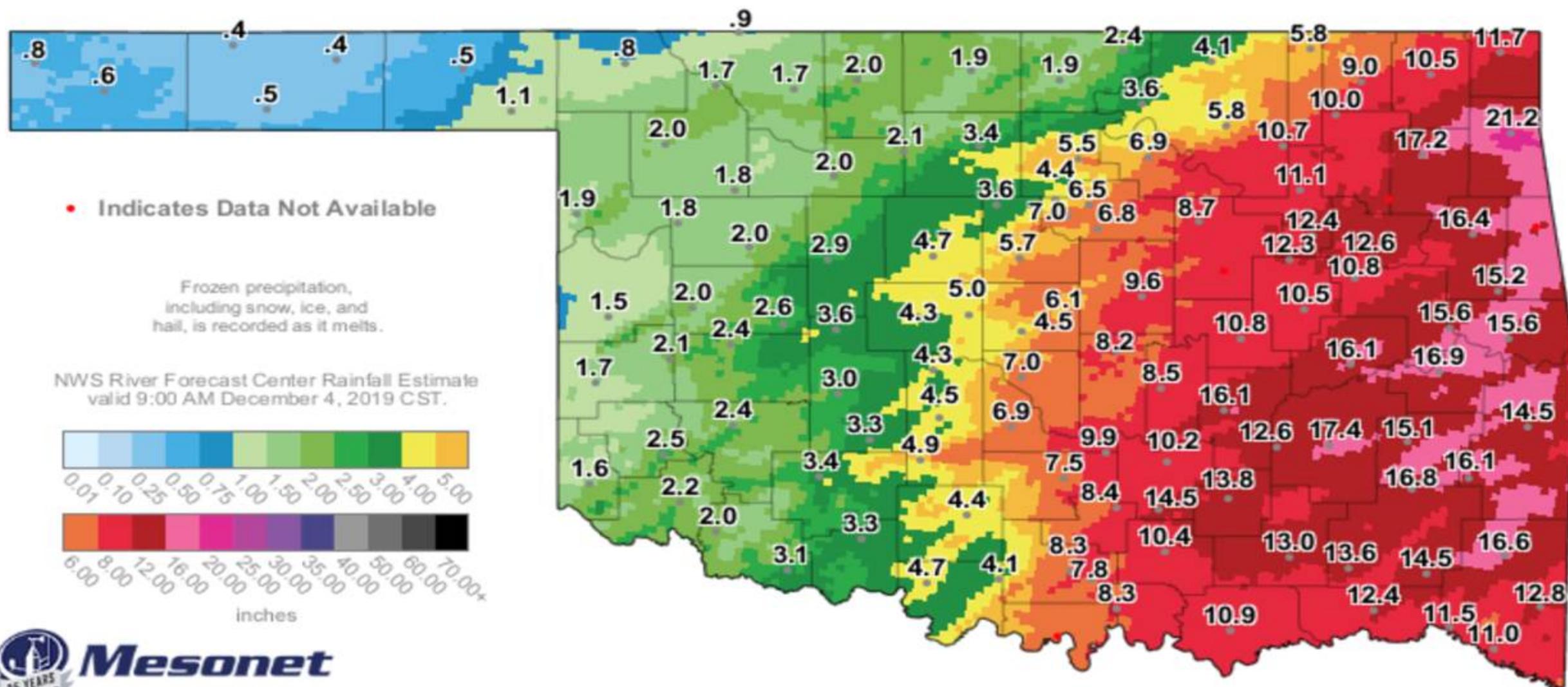
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60-day Rainfall Accumulation

[Back to Rainfall](#)

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60-Day Rainfall Accumulation (inches)

10:00 AM December 4, 2019 CST
Created 10:05:57 AM December 4, 2019 CST. © Copyright 2019

365-day Rainfall Accumulation

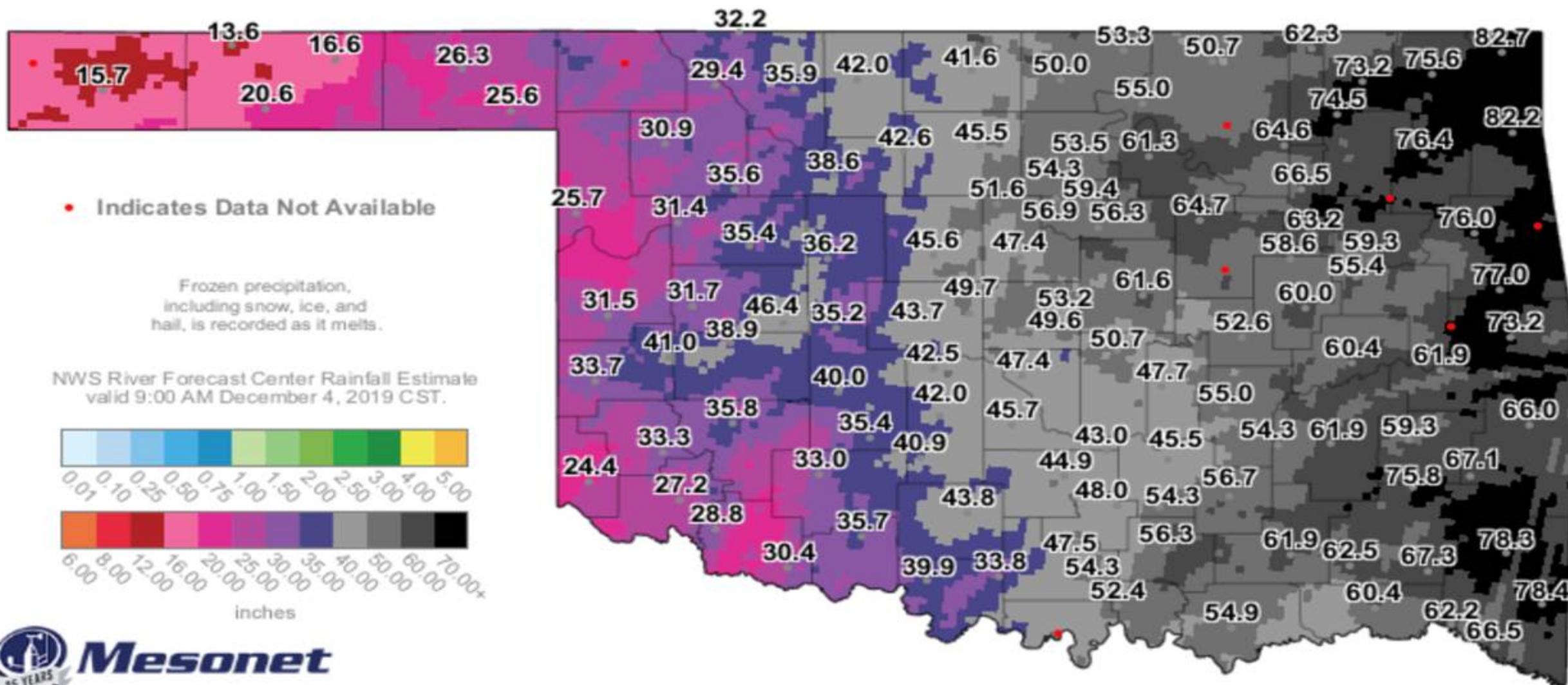
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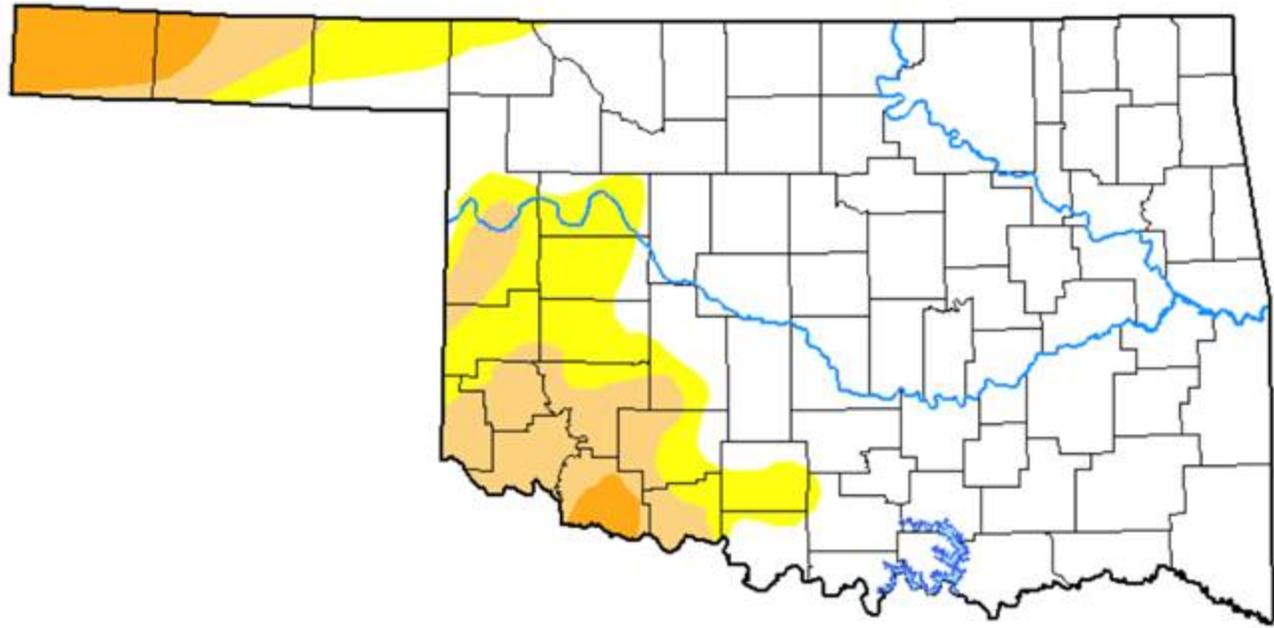
365-Day Rainfall Accumulation (inches)

10:00 AM December 4, 2019 CST

Created 10:05:57 AM December 4, 2019 CST. © Copyright 2019

Map released: Weds. November 27, 2019

Data valid: November 26, 2019 at 7 a.m. EST



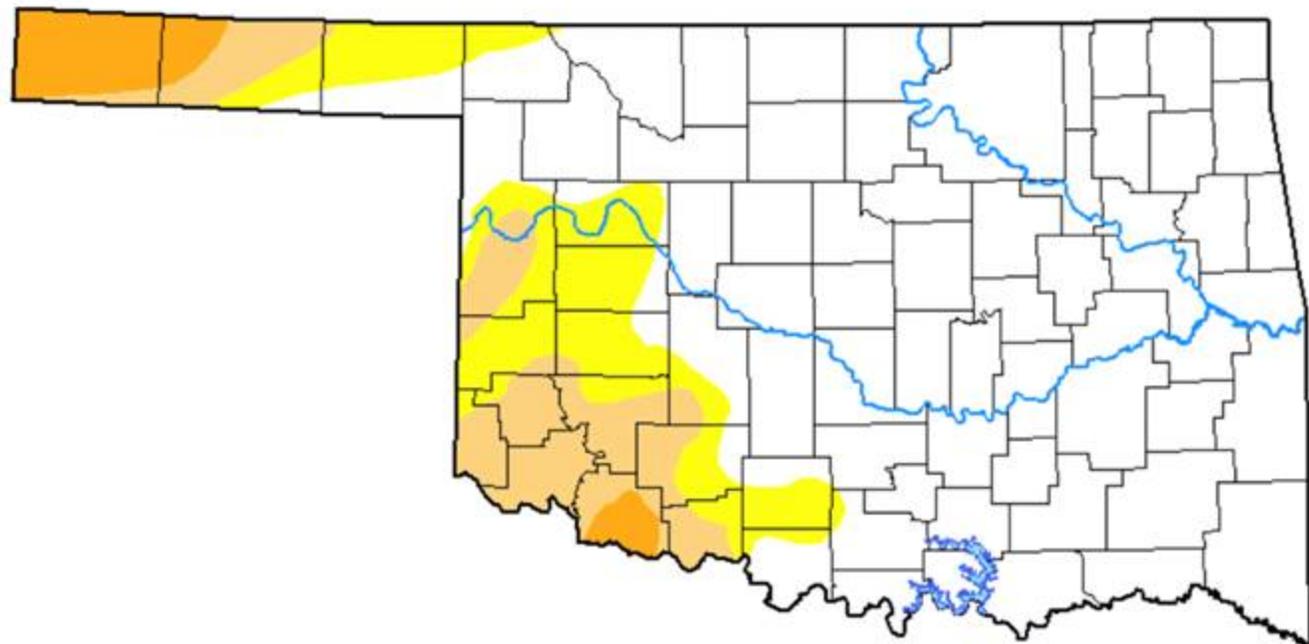
Intensity:

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

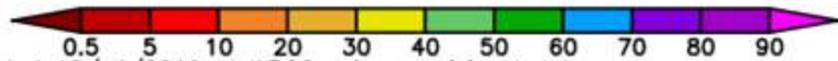
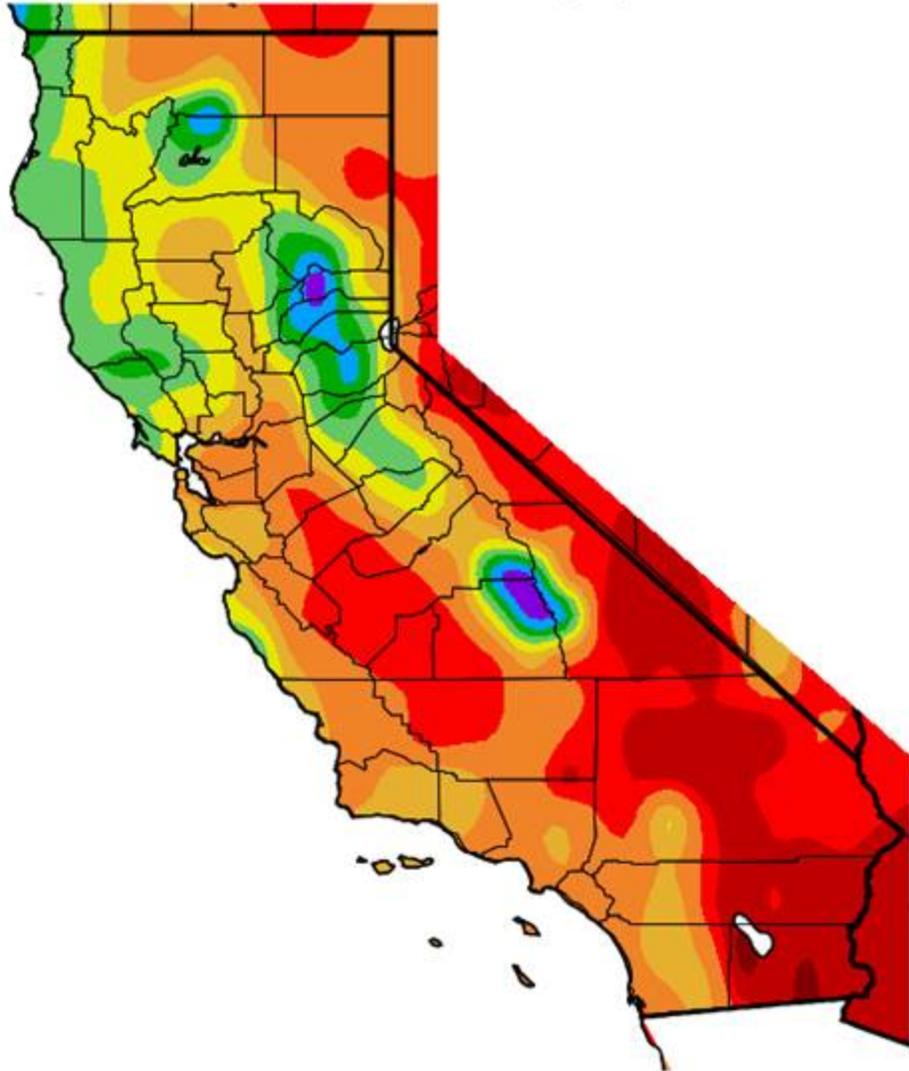
Author(s):

Brad Rippey, U.S. Department of Agriculture

Tell me what you see?



Total Precipitation (in.)
1/1/2019 – 12/3/2019



Generated 12/ 4/2019 at WRCC using provisional data.
NOAA Regional Climate Centers



Informed Partners



Mesonet





Mesonet



The UNIVERSITY of OKLAHOMA



Flagship Universities

Informed Partners

OKLAHOMA WATER SURVEY



at *The* UNIVERSITY of OKLAHOMA.

<http://www.ou.edu/okh2o>



<http://water.okstate.edu/>



The National Mesonet Program

The goal of the National Mesonet Program (NMP) is to support and ensure a weather-ready nation. The National Mesonet is a multi-functional, multi-faceted observational weather “network of networks” that delivers critical information required for improved weather prediction and warnings across the United States.

PROTECTING LIVES AND PROPERTY

The National Mesonet helps the NWS provide substantially improved weather forecasts and warnings that result in reduced casualties from storms...

[Read More](#)



ECONOMIC BENEFITS TO INDUSTRIES

Besides improving conventional weather forecasting, the National Mesonet has also emerged as a key tool to aid the development of the domestic...

[Read More](#)



VISION

NMP: SAVING FEDERAL FUNDS

The National Mesonet Program significantly lowers the overall per-station cost in comparison with a government station-only strategy, enabling...

[Read More](#)





November Feels W Chill

Cold weather continued during November, as did the dry weather out west and wet weather to the east.

[Climate Maps and Products](#)

OCS/Oklahoma Mesonet is the world's first regional climate network!

Climate Science Research in the United States and US Territories

-National Academies of Science, 2019

Although the focus of university research in Oklahoma focuses on subjects that are water-related, direct research on water issues are still conducted by a smaller cohort of researchers (the great concurrent session!).

However, research on food and energy security issues can not be accomplished without an understanding of water availability and quality.

WE must push for more \$\$ for water research.

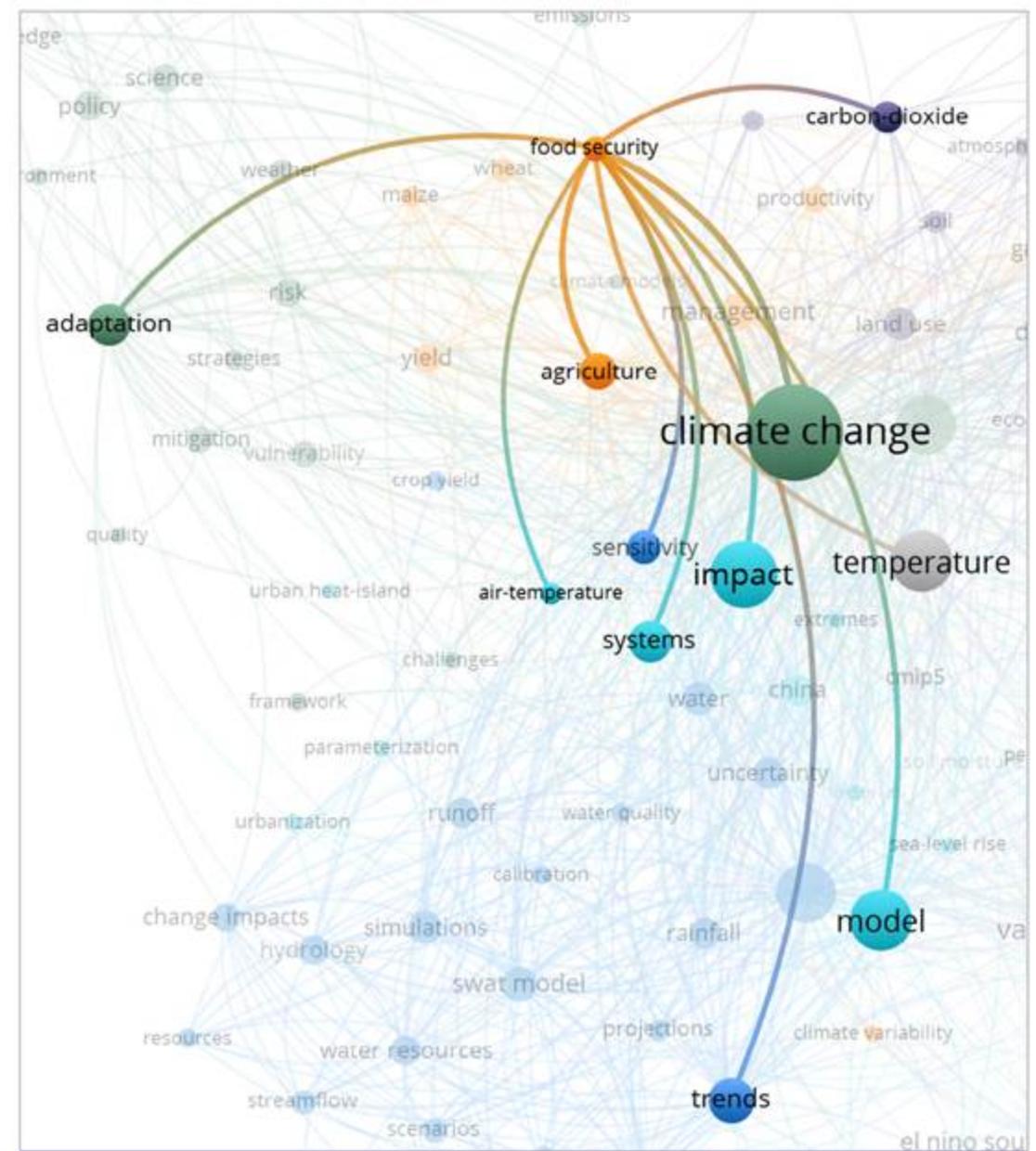


Figure 25: Research in the Southern Great Plains region increasingly focuses on the links between food security and climate change, with significant emphasis on changes in the agricultural food system.

Fourth National Climate Assessment

Working with the US Global Climate Change Research Program

Key Message 1

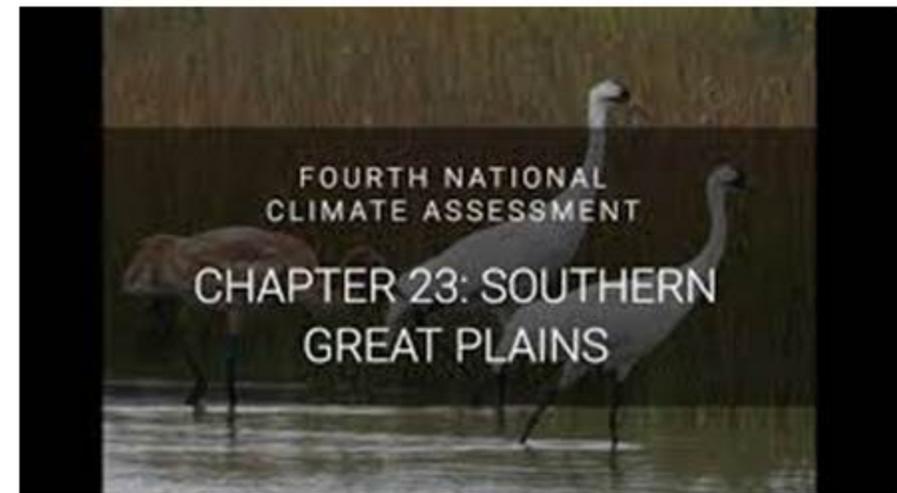
Food, Energy, and Water Resources

Quality of life in the region will be compromised as increasing population, the migration of individuals from rural to urban locations, and a changing climate redistribute demand at the intersection of food consumption, energy production, and water resources. A growing number of adaptation strategies, improved climate services, and early warning decision support systems will more effectively manage the complex regional, national, and transnational issues associated with food, energy, and water.

Volume II

Impacts, Risks, and Adaptation in the United States

Overview





OKLAHOMA'S ELECTRIC
COOPERATIVES



Mesonet

The number of informed partners across Oklahoma are growing by the day!



Your Charge!
“Extrovert” yourself

**Purposefully sit next to someone
you DON'T know at lunch!**

Be an Informed Partner!



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