

USING CLIMATE INFO TO MAKE DECISIONS TODAY

IN THE MIDWEST, MISSOURI RIVER & GREAT LAKES BASINS

“ If I didn't receive these, I would not be up-to-date on climate/weather information.

– Fish & Wildlife Agency (MN)

“ I view the information as more operationally useful than other sources.

– State Transportation Agency (IA)

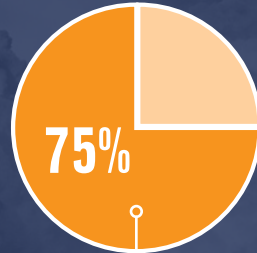


More than 1,000 individuals receive quarterly climate summaries or outlooks.

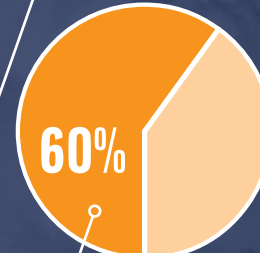


More than 435 individuals took part in one or more webinars in 2016.

More than 3/4 of users get information they can't find anywhere else.



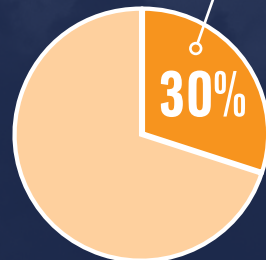
Sixty percent say that information led to better decisions.



ON THESE TOPICS:

- State drought declarations
- Fish production scheduling
- Emergency response planning
- Reservoir operations planning
- Wildland fire personnel planning
- Construction project management
- Insurance and marketing decisions
- Flooding and drought alert communication
- Crop planting & livestock stock rate decisions

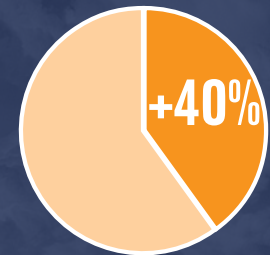
One-third of users make decisions with the information.



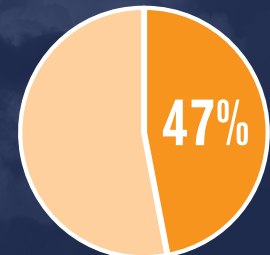
HOW THE INFORMATION FLOWS



More than 50 percent share the information with colleagues & partners.



More than 40 percent share information with other decision makers.

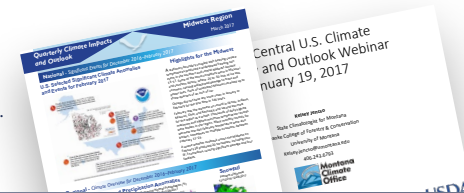


Nearly half of users said the information has influenced policy and response activities.

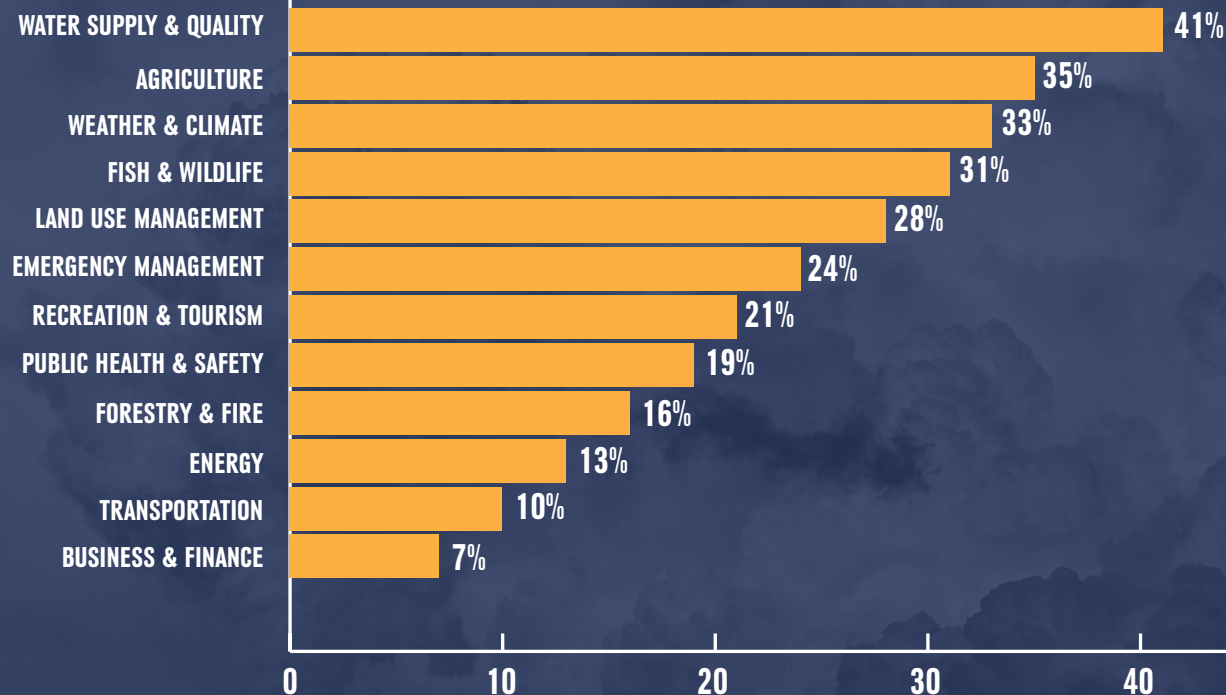
CLIMATE DATA & DECISION MAKING

This report is based on a user feedback survey conducted in February 2017. It was developed by the National Drought Mitigation Center at the University of Nebraska-Lincoln and funded by the National Integrated Drought Information System. Twenty percent of email recipients completed the survey. For more information, contact Tonya Haigh at thaigh2@unl.edu.

Access the summaries here: drought.gov/drought/resources/reports | Access the webinars here: drought.gov/drought/calendar/webinars



SECTORS USING CLIMATE SUMMARIES*



* PERCENTAGES REPRESENT THE SURVEY RESPONDENTS WHO WORK IN EACH SECTOR. RESPONDENTS COULD CHOOSE MULTIPLE SECTORS.

“ It is a body of information to explain production outputs and also a snapshot of what to expect and the impact thereof. It is fruitful in making crop marketing decisions or holding off on making decisions. There is just a plethora of information that assists me in my everyday work with customers.

– Agricultural professional (IA)

“ Spring flooding has a direct impact on (our county) and its emotional impacts are immense! The small communities in the Missouri River Bottoms have been seriously impacted and we need flood information as early as possible. These webinars are vital to our planning and responses.

– Agricultural Insurance professional (NE)

OUR PARTNERSHIPS



- Agriculture and Agri-Food Canada
- American Association of State Climatologists
- Bureau of Reclamation
- Environment and Climate Change Canada
- Great Lakes Integrated Sciences and Assessments
- High Plains Regional Climate Center
- Midwest Regional Climate Center
- National Oceanic and Atmospheric Administration
 - ▶ National Environmental Satellite, Data, and Information Service
- » National Centers for Environmental Information
 - ▶ National Weather Service
 - » River Forecast Centers
 - » Climate Prediction Center
- U.S. Army Corps of Engineers
- U.S. Department of Agriculture Climate Hubs
 - ▶ Office of the Chief Economist
- U.S. Department of the Interior
- U.S. Geological Service
- Universities across the region