OKLAHOMA



Flood-related disasters are the costliest and most frequent type of disaster facing the United States. From 2000 to 2018, flood-related events cost more than \$830 billion in economic losses,¹ accounted for 73% of presidential disaster declarations,² and caused more than 6,200 deaths.¹ Floods are an immediate threat to 53 military installations across the nation.³

These numbers reflect what Americans and people across the globe already know: **floods are affecting our way of life.** Addressing the challenges posed by flooding and other extreme weather impacts will require individuals, communities, and state and federal governments to work collaboratively to build a more sustainable future for us all.

Surging Waters: Science Empowering Communities in the Face of Flooding is a report produced by AGU that shows how science is essential to finding solutions to mitigate flooding now and in the future. For more information, visit www.scienceisessential.org.

TO EMPOWER COMMUNITIES TO UNDERSTAND AND ADDRESS THEIR FLOOD RISK, POLICY MAKERS CAN:

- Support robust and steadily increasing funding to science-based federal agencies.
- 2 Support science centers and programs that research region-specific flooding concerns and incentivize scientists working within their communities.
- Support legislation that ensures science can be conducted and inform policy freely and openly.
- Support policies to manage flooding and its impacts that account for a changing world.



Between 2000 and 2018, **114 people died** in Oklahoma floods
and flash floods.⁴



Flooding resulted in **23 presidential disaster declarations** in Oklahoma
between 2000 and 2018 – averaging to **more than 1 declaration per year.**²



Flooding is an **immediate threat** to **Tinker Air Force Base** in Oklahoma County, OK and the **McAlester Army Ammunition Plant** in McAlester, OK.³

The **U.S. Geological Service Water Science Centers** fund and conduct water research and monitoring **driven by state priorities**

CONTACT THE OKLAHOMA OFFICES:

Oklahoma City, OK: 405-810-4400 Tulsa, OK: 918-254-6651 Woodward, OK: 580-256-5031

Oklahoma is also home to **NOAA's National Severe Storms Laboratory,** which supports research to improve severe weather forecasts.

CONTACT:

Norman, OK: 405-325-3620

BETWEEN 2010 AND 2019...

The Oklahoma Water Science Center⁵ spent

\$31 MILLION

between 2010 and 2019 on Oklahoma's flood research and education priorities.

The National Severe Storms Laboratory⁶ spent

\$350,000 ANNUALLY

between 2016 and 2019, on flash flood research alone.

PREPARE YOUR DISTRICT FOR FLOODS: ready.gov/floods. Assess your home or office's flood risk: msc.fema.gov. NEED HELP NOW? Contact the Oklahoma Department of Emergency Management: 405-521-2481