

# Water Data Keep Us Strong

**Water is one of America's greatest assets, providing energy, irrigation for crops, and water for homes and businesses.**



**73% of electricity** generated in U.S. from water-cooled power plants in 2021<sup>1</sup>



**\$1.537 trillion** added to US GDP through agricultural sector in 2023<sup>2</sup>



**35,400 million gallons** of water withdrawn per day for public supply between 2010 and 2020<sup>3</sup>

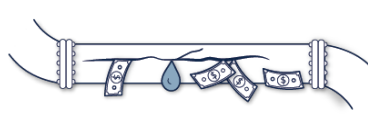
**But water isn't always safe or reliable, and damages are costly.**



**More than \$180 billion** in flood-related damages and economic losses each year<sup>4</sup>



**More than \$6 billion** in drought-related damages and economic losses each year<sup>5</sup>



**\$630.1 billion** needed for clean water infrastructure over the next 20 years<sup>6</sup>



**\$400 billion** needed for bridge infrastructure repairs across the country<sup>7</sup>

**To protect lives and keep our country prosperous, we need information on the state of our water resources.**

**USGS collects and delivers the water data our nation needs.**



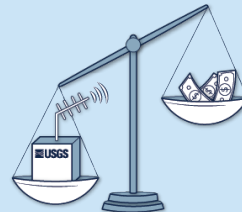
**More than 13,500** real-time water monitoring stations



**2.5 billion** requests for USGS water data in 2024



**4,000 river locations** with National Weather Service flood forecasts and warnings because of USGS streamgage data



**Up to 45:1 benefit/cost** ratios for flood forecasting, floodplain management, and reservoir design and operations using USGS streamgage data<sup>8</sup>

See the data



Explore more



References: <sup>1</sup>U.S. Energy Information Administration, <sup>2</sup>USDA Economic Research Service, <sup>3</sup>U.S. Geological Survey, <sup>4</sup>U.S. Congress Joint Economic Committee, <sup>5</sup>National Integrated Drought Information System, <sup>6</sup>Environmental Protection Agency, <sup>7</sup>American Road and Transportation Builders Association, <sup>8</sup>Internet of Water Coalition