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NOAA provisions

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Flood and inundation mapping and forecasting

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Bipartisan Infrastructure Law summary: *"Shall be for coastal and inland flood and inundation mapping and forecasting, and next-generation water modeling activities, including modernized precipitation frequency and probable maximum studies."*

Our nation faces many water-related challenges that affect infrastructure including floods, water availability, safe and efficient navigation, and water quality. These challenges affect economic and national security, and the impacts are escalating, exacerbated by a changing climate. In response to these challenges, NOAA will transform water prediction within five years by delivering the first-ever, coupled, continental-scale, operational coastal and inland flood forecasting and inundation mapping services. These include critically needed, user-friendly, actionable decision support services, including flood and inundation information equitably delivered to communities nationwide. To support the design, development, and operation of our nation's built infrastructure, from new power plants to transportation systems, NOAA will update and revise precipitation frequency atlases for the United States that account for climate change, develop 21st century modernized probable maximum precipitation (PMP) studies, and develop the capability to provide total water prediction at the coast on subseasonal to annual timescales.

Funding

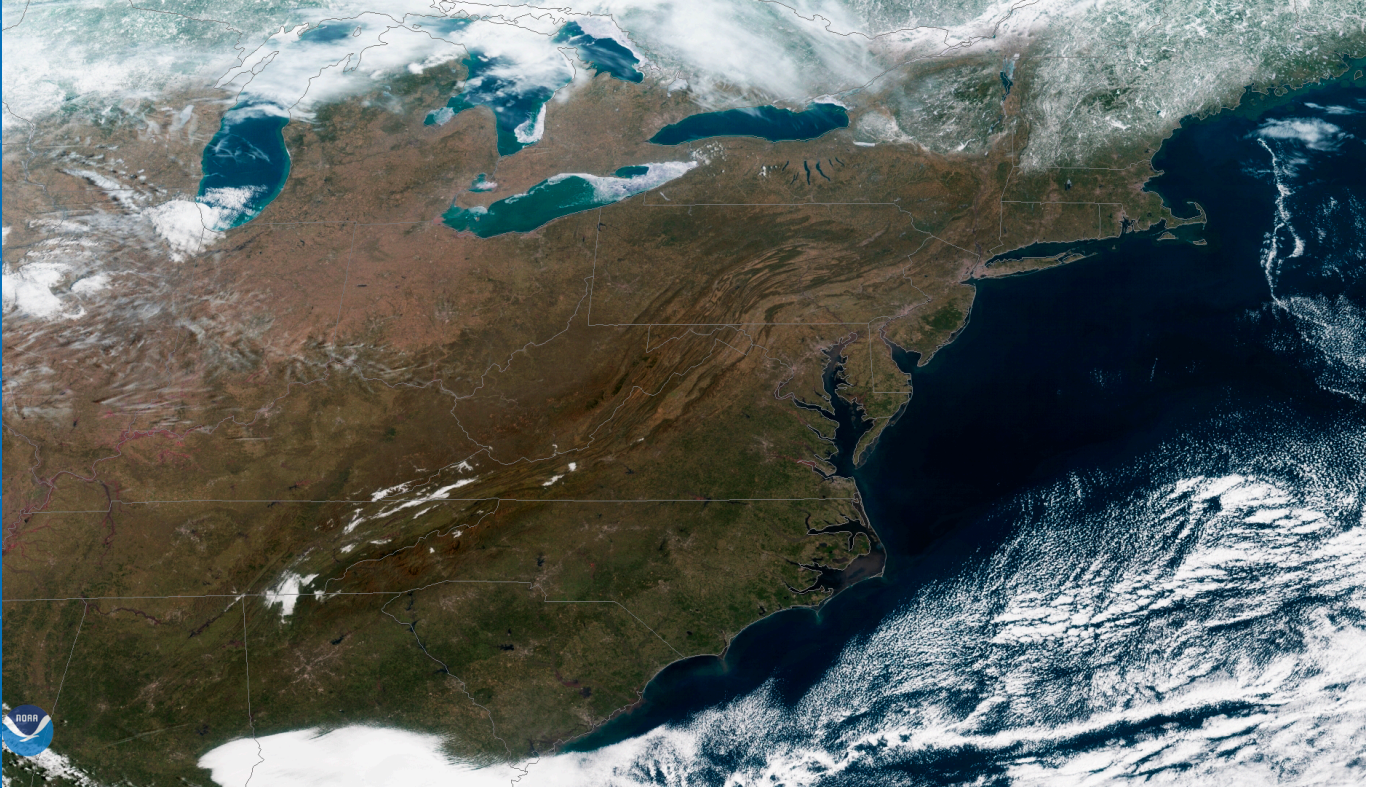
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Announcements



- Funding will likely be distributed internally, therefore no external funding opportunity is expected at this time.



Western U.S. from GOES East satellite (NOAA's National Environmental Satellite Data and Information Service)

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last updated June 28, 2022

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