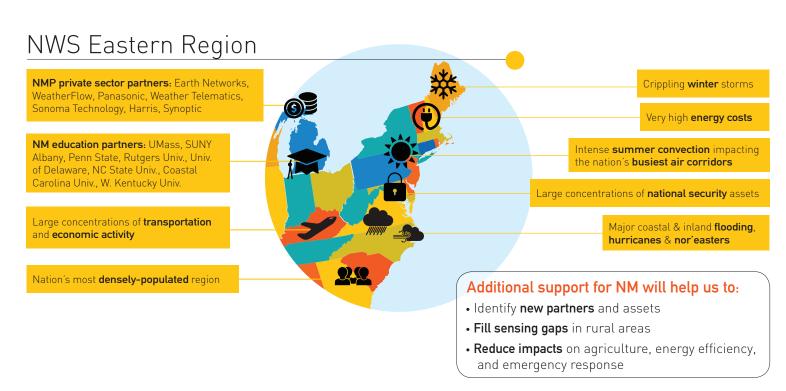
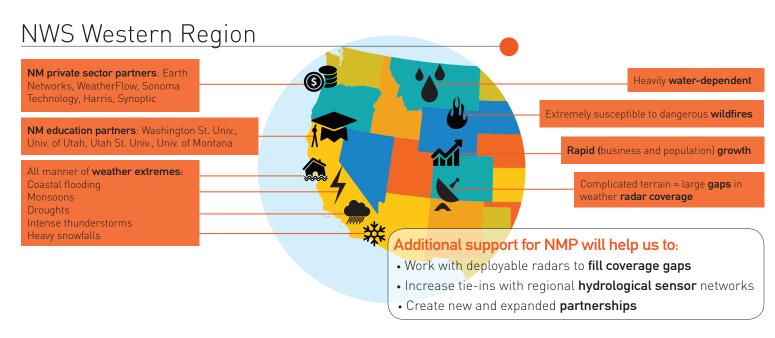


• Support targeted installations

Launched over a decade ago, the National Mesonet Program team will grow to more than 40 partners in 2018 and—with your help—continue increasing in scope and impact. Working closely with their NWS Regions and Weather Forecast Offices, team members work to ensure their data is incorporated into daily NWS operations and that opportunities for improved collaboration and new data are continuously explored.







# NWS Central Region

**NMP private sector partners**: Earth Networks, WeatherFlow, Sonoma Technology, Harris, Synoptic

NM education partners: North Dakota St. Univ., South Dakota St. Univ., Iowa St. Univ., Univ. of Nebraska, Colorado St. Univ., Kansas St. Univ., Univ. of Missouri, Univ. of Illinois, Michigan St. Univ., W. Kentucky Univ.

Home to major portion of U.S. agricultural production

Important & growing renewable energy sector

Subject to **extreme weather** conditions

#### Sensing gaps remain:

- Monitoring boundary level conditions critical to **wind energy**
- Density and quantity of stations required to support **precision agriculture**

#### Additional support for NMP will help us to:

Support **tailored sensing programs** for the critical **renewable energy** and **agricultural** sectors (including leveraging non-traditional weather stations and new technologies)

## NWS Alaska and Pacific Region

NM private sector partners: Earth Networks, WeatherFlow, Sonoma Technology, Harris, Synoptic



Alaska: extreme weather conditions, long distances, and limited infrastructure make every observation precious

Hawaii: more moderate, but a **delicate balance** between atmosphere and the vast Pacific Ocean

### Additional support for NMP will help us to:

- Identify **new local partners** (including oil & gas companies and other private sector providers)
- Better integrate existing networks like Harris' Helios system
- Introduce new technologies



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