MetStormLive
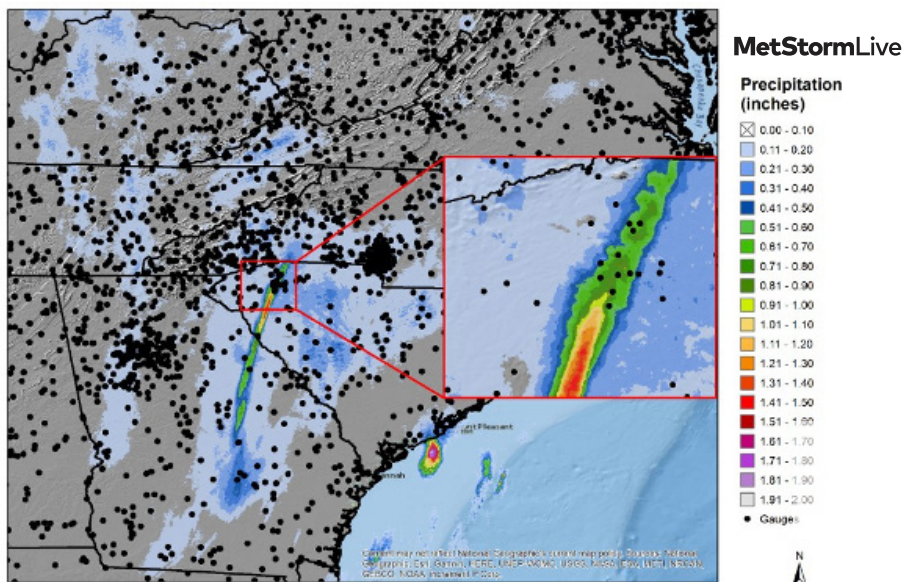
Make faster more accurate decisions with real-time precision precipitation analytics

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Best-in-Class Gridded Precipitation

Quickly make accurate, confident decisions with MetStormLive's near real-time, pixel-by-pixel precipitation depths and intensities.

It provides best-in-class gridded precipitation data by integrating gauge, dual-polarimetric radar-estimated, radar reflectivity, and satellite-estimated precipitation data with climatological data. MetStormLive's codebase, algorithms, and techniques are based on more than two decades of leading engineering applications and R&D practices.

Benefits

- Make better, more timely decisions around precipitation events
- Sharpen your insights by integrating your own rain gauge data
- Easily pinpoint precipitation for points, areas, or gridded rasters
- Enjoy the flexibility of embedding our data into your own intelligent solution or use our portal to view and interact with the data
- Share precipitation analytics, such as equivalent return period, across your operations
- Gain faster insights with lower latency than National Weather Service (NWS) products

Features

- Available in the lower 48 states
- Precipitation at 5-minute and 1-hour intervals
- Running accumulations for various durations, including 6, 24, 72, 168 hours
- Hyper-local resolution as fine as 250 m2 (0.06 acres); default is 1 km2 (247 acres)
- Good, better, best precipitation for each hour
- Operates in a robust, scalable, and reliable Amazon Web Services cloud environment
- Available in several convenient data formats to meet your needs, including traditional GIS format
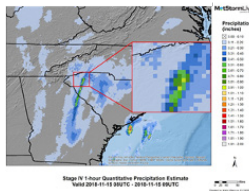
Comparison

MetStormLive provides greater accuracy, higher resolution, lower latency, and more detailed rain gauge data than NWS products.
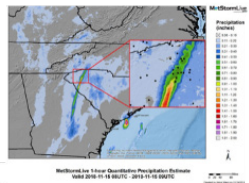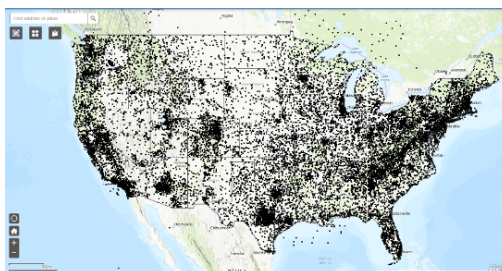
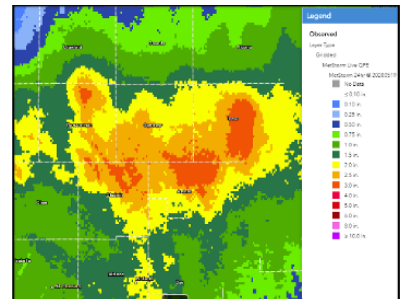**NOAA/NWS Multi-Radar Multi-Sensor (MRMS)**
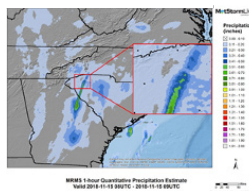
National Weather Service stage IV

MetStormLive

Powered by 24,000 real-time rain gauges

Sample

MetStormLive 24-hour gridded precipitation

MetStormLive 24-hour areal precipitation

DTN