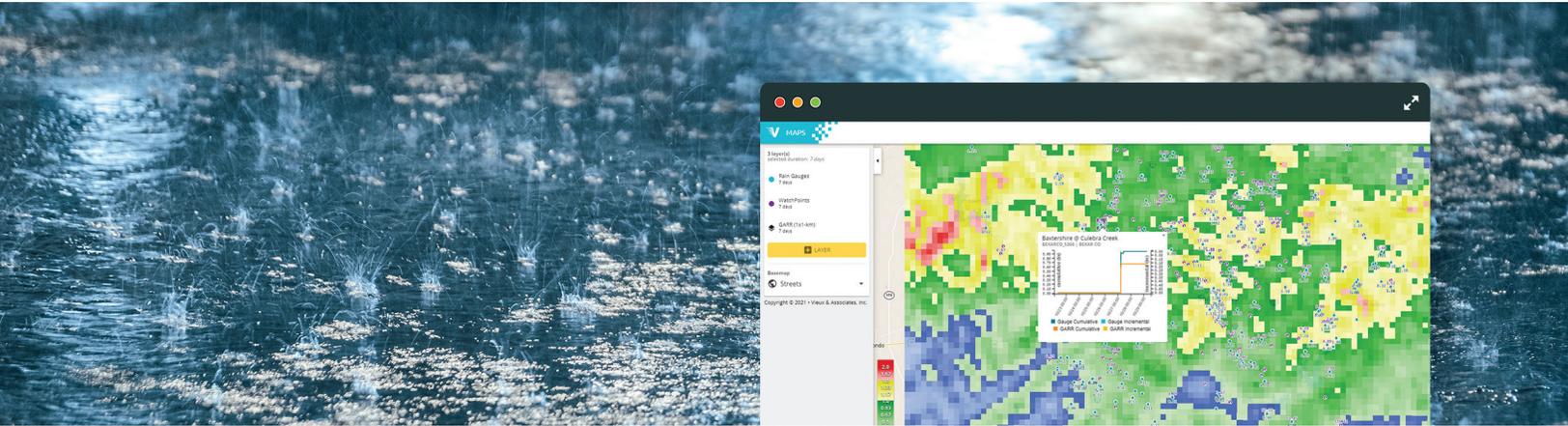


Gauge-Adjusted Radar Rainfall (GARR)



Key Applications

- Collection systems
- Watershed management
- Stormwater management
- Flood risk management and mitigation
- Emergency operations response
- Reservoir operations
- Agricultural applications
- Environmental impact analysis

More accurate radar rainfall

Rainfall is variable in both time and space and can be difficult to accurately measure. By combining rain gauge and weather radar data, Gauge-Adjusted Radar Rainfall (GARR) provides a more accurate rainfall measurement than either system can produce alone. GARR from Vieux, an AEM brand, is produced using a unique quality controlled, spatially- and temporally-varied approach that better represents rainfall quantity, location, and timing from sewer catchments to river basins and more.

OUR RADAR RAINFALL SOLUTIONS INCLUDE:

- Post-Analysis Historical GARR to help assess historical wet weather events
- NRT (Near Real Time) GARR for real time assessment of wet weather event conditions
- EOM (End of Month) GARR for regulatory reporting and gauge maintenance

BENEFITS



More accurately characterizes rainfall over watersheds or collection systems than a rain gauge network alone by providing a rainfall measurement between the gauges.



Reliably delivers accurate rainfall data to eliminate downtime when gauges or radar experience outages.



Informs critical decision-making for real-time and predictive rainfall applications, such as emergency flooding response or active real-time control.



Uniquely incorporates local rain gauge data, applies bias correction algorithms to the radar, provides automatic and/or manual quality controls, and documentation of GARR.

