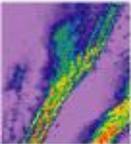
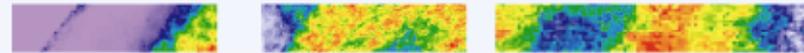


OneRain

The Rainfall Company



An Overview of OneRain Inc



The Rainfall Company **OneRain** 

**“Our focus is rainfall and
its consequences”**



What OneRain does

- Since 1992, OneRain provides information about rainfall and its consequences for critical missions.
- We provide software, data , integrated solutions and professional services to help our customers measure rainfall and its consequences to them.
- We design, build, rehabilitate and maintain hydrologic monitoring networks throughout the U.S.

Mission Statement

“To provide high quality rainfall data for high value applications”



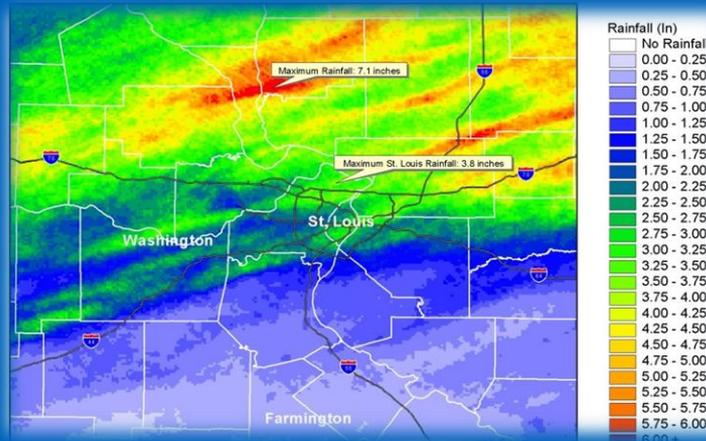
Application Areas

- Flood Detection/Response
- Sewer Operations
- Water supply management
- Irrigation management
- Storm water management
- Drought monitoring
- Hydrologic Modeling
- Environmental studies
- Litigation



What We Do

Assist with tools for data collection & management

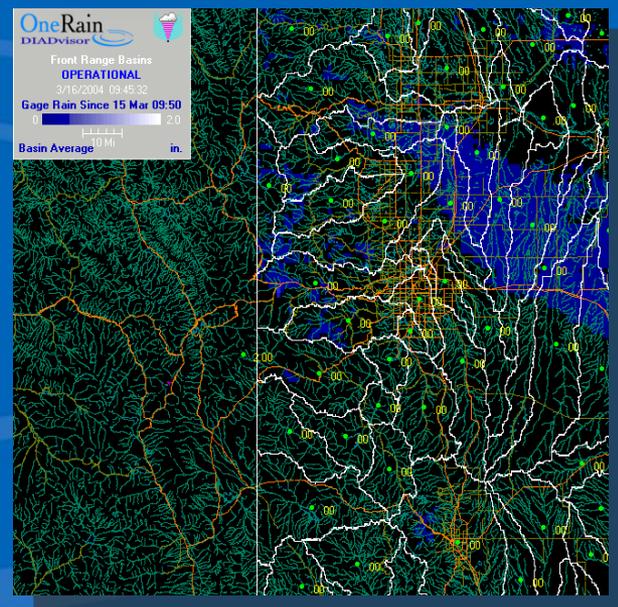
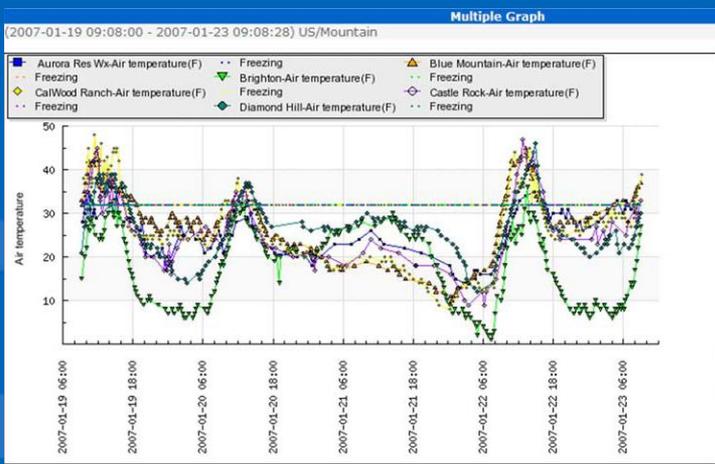


OneRain
The Rainfall Company

Argus System Monitor Suite

TOP

NAME	UP	DOWN	OVERIDE
NETWORK CONNECTIVITY	17	2	0
DATA AGENTS	61	2	9
DATA WAREHOUSE	11	0	0
PEARL GARR CLIENT	43	2	3
PROCESS STATUS	4	0	0
ARGUS SYSTEM STATISTICS	4	0	0



OneRain Incorporated

- Staff expertise:
 - Network Design & Analysis
 - Data Telemetry
 - Network Installation
 - Gage Maintenance
 - Gage Maintenance Training
 - Base Station and Web Based Software Development



Network Designs

- RF Studies
- Site Selection
- Network Modeling
- Transmission protocols



Harris County, TX, Renovation



- ALERT system regional, very large
- Hurricane Ike, poor maintenance
- Multi-phase recovery:
 - Triage
 - Recommendations
 - Implementation (RFP)

Other Network Evaluations

- Southern CA ALERT Network
 - LA, San Diego, Riverside, San Bernardino, Orange, Ventura, Santa Barbara Counties
- Entergy Corporation
- Overland Park, KS
- Clark County, NV
- Urban Drainage and Flood Control District, CO

Data Telemetry

- Line of sight radio
 - ALERT, ALERT2
- Internet Protocol solutions
- Other supported media
 - cellular, fiber, serial



Satellite Communications

- Satellite
 - StormLink™ - data in real time
 - Automata, GOES, others supported
 - Reliable
 - Redundant data paths
 - Secure
 - Web accessible
 - Suitable for remote applications



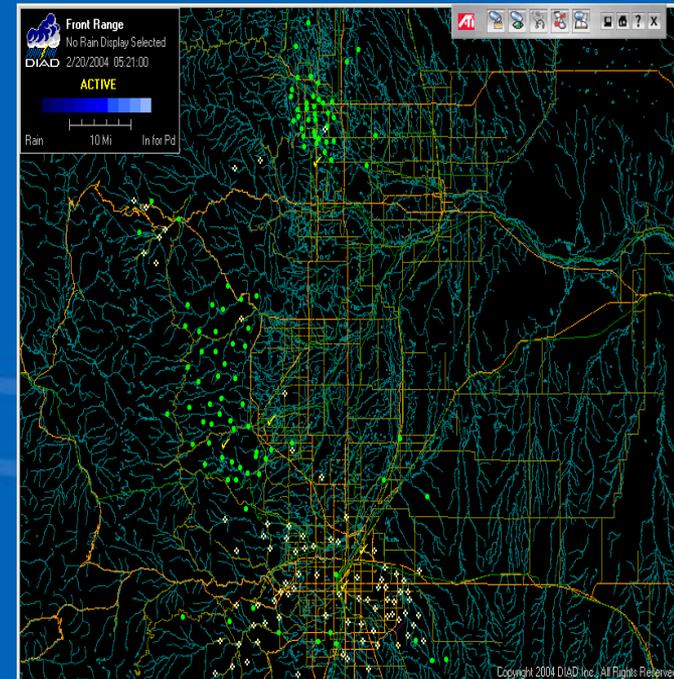
Field Installation & Maintenance

- Gage installation (rain, stream, full weather stations)
- Road crossing warnings
- Site and Sensor repair/relocation
- Annual Maintenance
- Gage Maintenance Training



DIADvisor™ Base Station Software

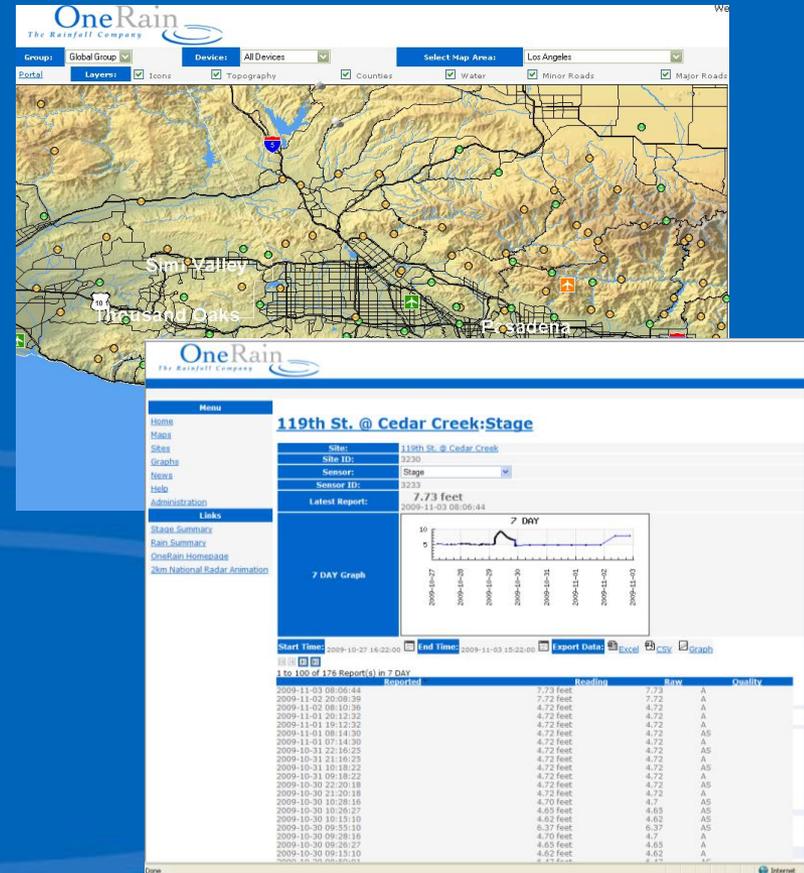
- A Microsoft Windows® application that collects and monitors rainfall and stream data in real time
- Displays dynamic data on a map background. Users can
 - View data, rainfall intensity, storm movement
 - View data in graphical and tabular format
 - View alarm status and conditions
 - Export data information through the generation of HTML files or reports
- Provides foundation for other applications including notification packages, hydrologic models
- Current version – 2.80.052



Contrail® Web

Contrail Web

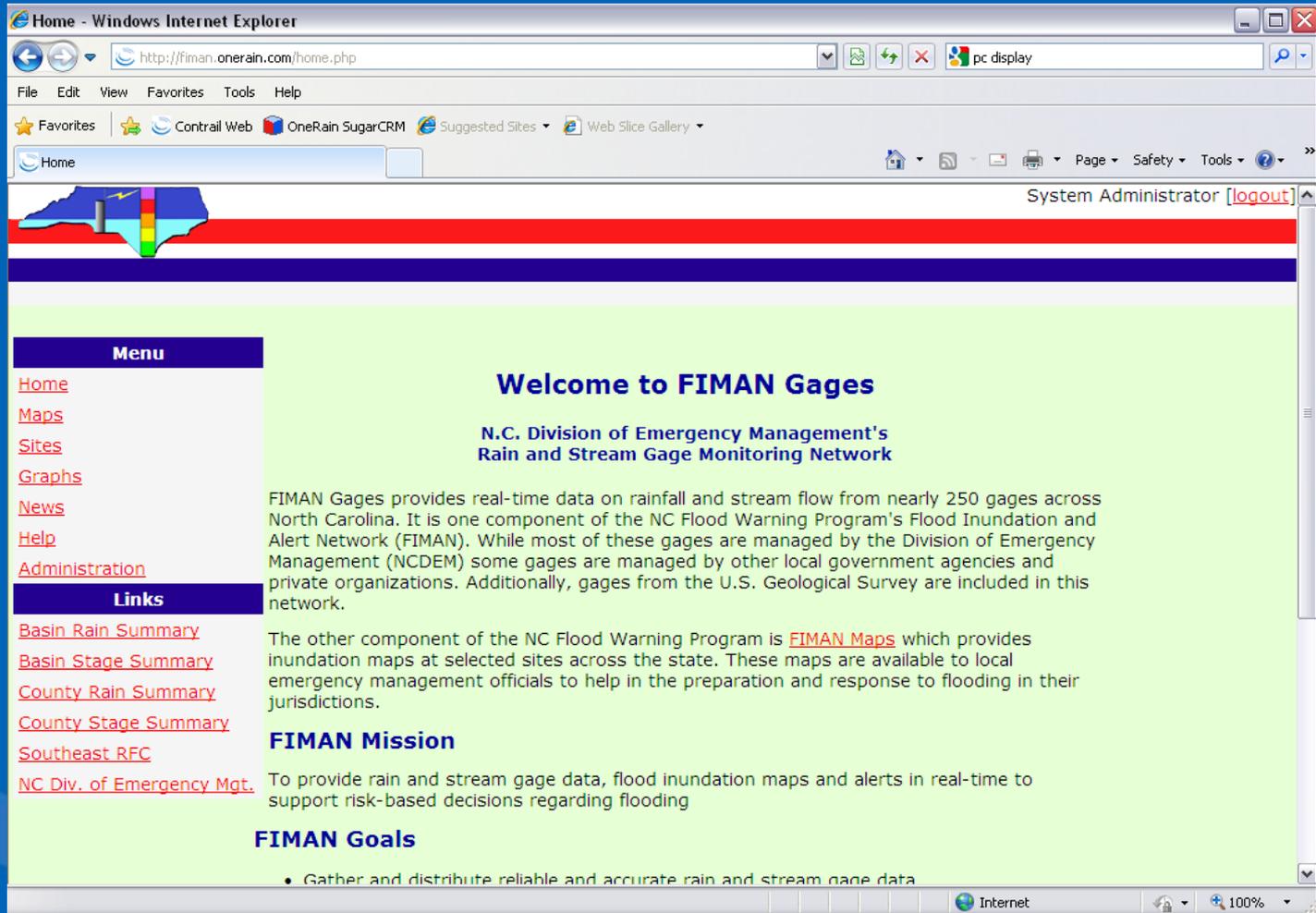
- Visual display of sites on GIS map
- Quick snapshot of sites, alarms, and current conditions
- Web access with unlimited number of viewers
- Public viewing capabilities
- Tailored Reports for viewing alarms and assisting with maintenance
- Multiple alarm rule capabilities with unlimited text/e-mail notification
- Expandable for future additions of sites/sensors
- Secure data storage
- Anytime, Anywhere access to real-time rainfall information



Take a further look:

- <http://napa.onerain.com/home.php>

North Carolina FIMAN System



Home - Windows Internet Explorer

http://fiman.onerain.com/home.php

File Edit View Favorites Tools Help

Home

System Administrator [logout]

Menu

- [Home](#)
- [Maps](#)
- [Sites](#)
- [Graphs](#)
- [News](#)
- [Help](#)
- [Administration](#)

Links

- [Basin Rain Summary](#)
- [Basin Stage Summary](#)
- [County Rain Summary](#)
- [County Stage Summary](#)
- [Southeast RFC](#)
- [NC Div. of Emergency Mgt.](#)

Welcome to FIMAN Gages

**N.C. Division of Emergency Management's
Rain and Stream Gage Monitoring Network**

FIMAN Gages provides real-time data on rainfall and stream flow from nearly 250 gages across North Carolina. It is one component of the NC Flood Warning Program's Flood Inundation and Alert Network (FIMAN). While most of these gages are managed by the Division of Emergency Management (NCDEM) some gages are managed by other local government agencies and private organizations. Additionally, gages from the U.S. Geological Survey are included in this network.

The other component of the NC Flood Warning Program is [FIMAN Maps](#) which provides inundation maps at selected sites across the state. These maps are available to local emergency management officials to help in the preparation and response to flooding in their jurisdictions.

FIMAN Mission

To provide rain and stream gage data, flood inundation maps and alerts in real-time to support risk-based decisions regarding flooding

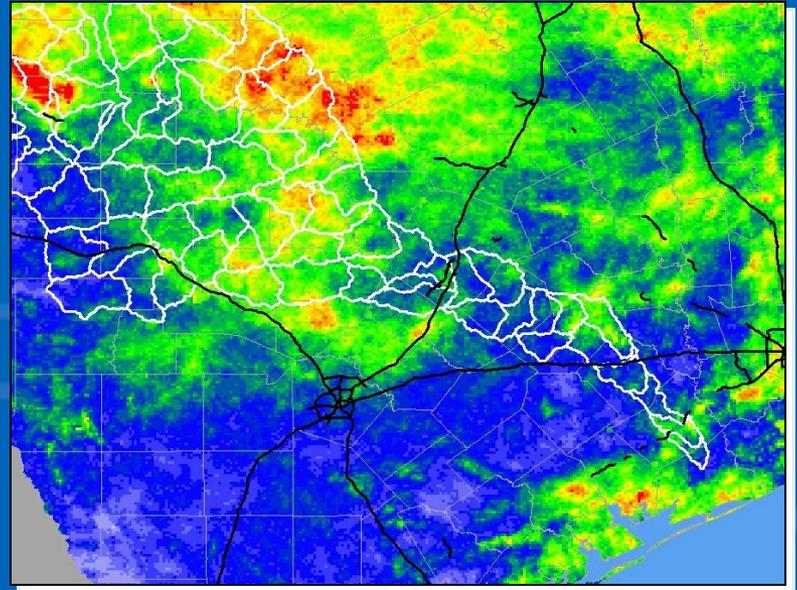
FIMAN Goals

- Gather and distribute reliable and accurate rain and stream gage data

Internet 100%

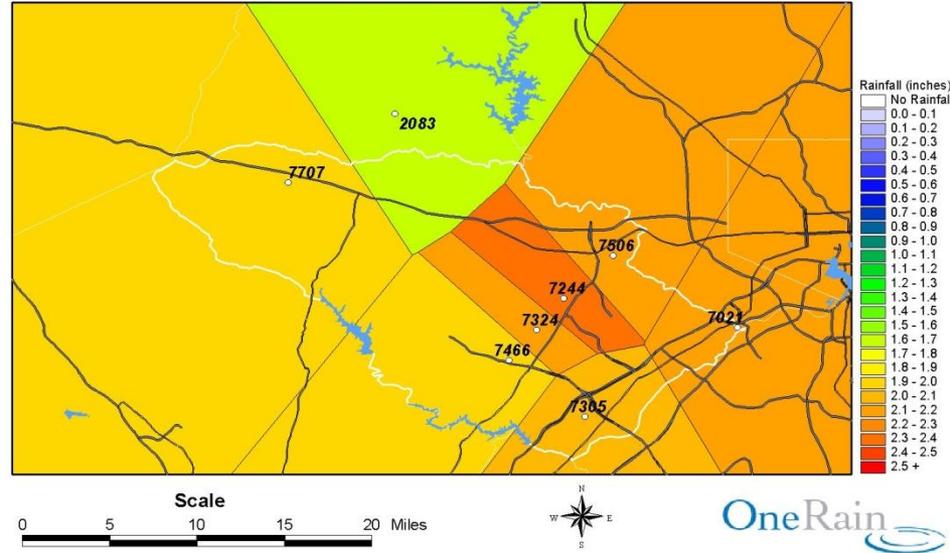
Radar-Rainfall

- Gage Adjusted Radar Rainfall
 - Rain gages
 - Radar
- Lets you know what is happening between the gages



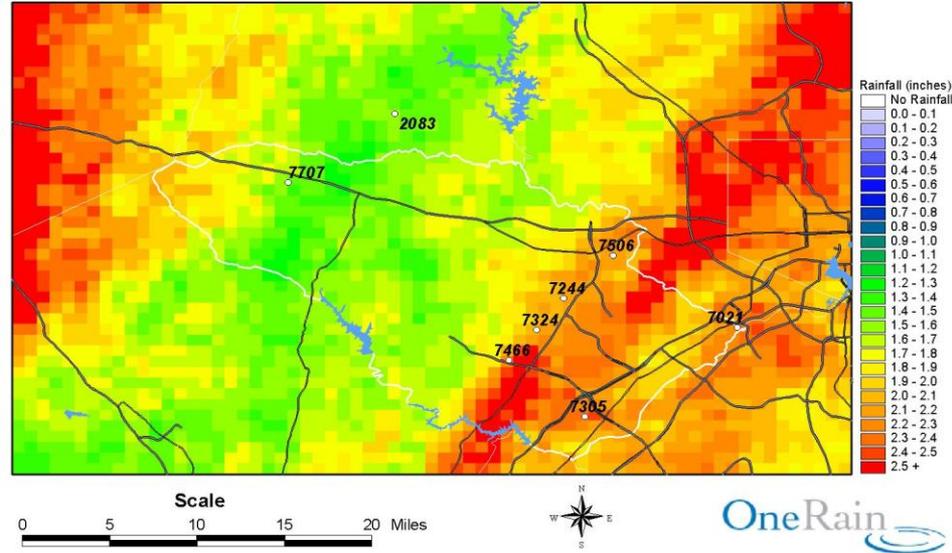
Rain gages vs. gages+radar

Rain Gage Estimated Rainfall (Thiessen Polygons)
Howard County, Maryland
September 22, 2003 (12:00) - September 23, 2003 (12:00)



Gage-only rainfall estimates

Gage-Adjusted Radar Rainfall Estimates
Howard County, Maryland
September 22, 2003 (12:00) - September 23, 2003 (12:00)



Gage-adjusted radar rainfall estimates

Other Statewide Projects

- Ohio EMA
- Arizona DOT
- Kentucky Military Affairs
- Florida gage-adjusted radar rainfall
- Counties of CA south of Sutter County



Other customers

- NWS, USGS, USACE, Tribes
- Municipalities, Counties, Special Districts
- Engineering services firms
- Utilities
- Law firms

Summary

- Total Solution Rainfall Data Provider
 - Help you understand What Happened
 - Allow you to see What Is Happening Now
 - Provide Snap shop of What Is About to Happen
- Provider of High Quality Data
- Valuable Team Member
- Diverse Experience
- Cost Effective Solutions

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