

ALERT Networks In North Texas

Bob Carle

Senior Hydrologist

Weather Forecast Office Fort Worth

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What Is ALERT

- ALERT = **A**utomated **L**ocal **E**valuation in **R**eal **T**ime. Developed in the 1970s.
- High density network of rain gauges and other instruments that transmit their data as soon as it's recorded to a base station.
- Networks transmit on the "Hydrologic" radio frequencies.
- Several networks in Texas.
- The Dallas network has been around for many years. Fort Worth, Grand Prairie and Arlington have installed ALERT systems as well.
- Besides rain gauges, other equipment can include: water level sensors, temperature, wind, etc...

Alert Stations

- Typical Alert Gauge



- Flooded Road Flasher

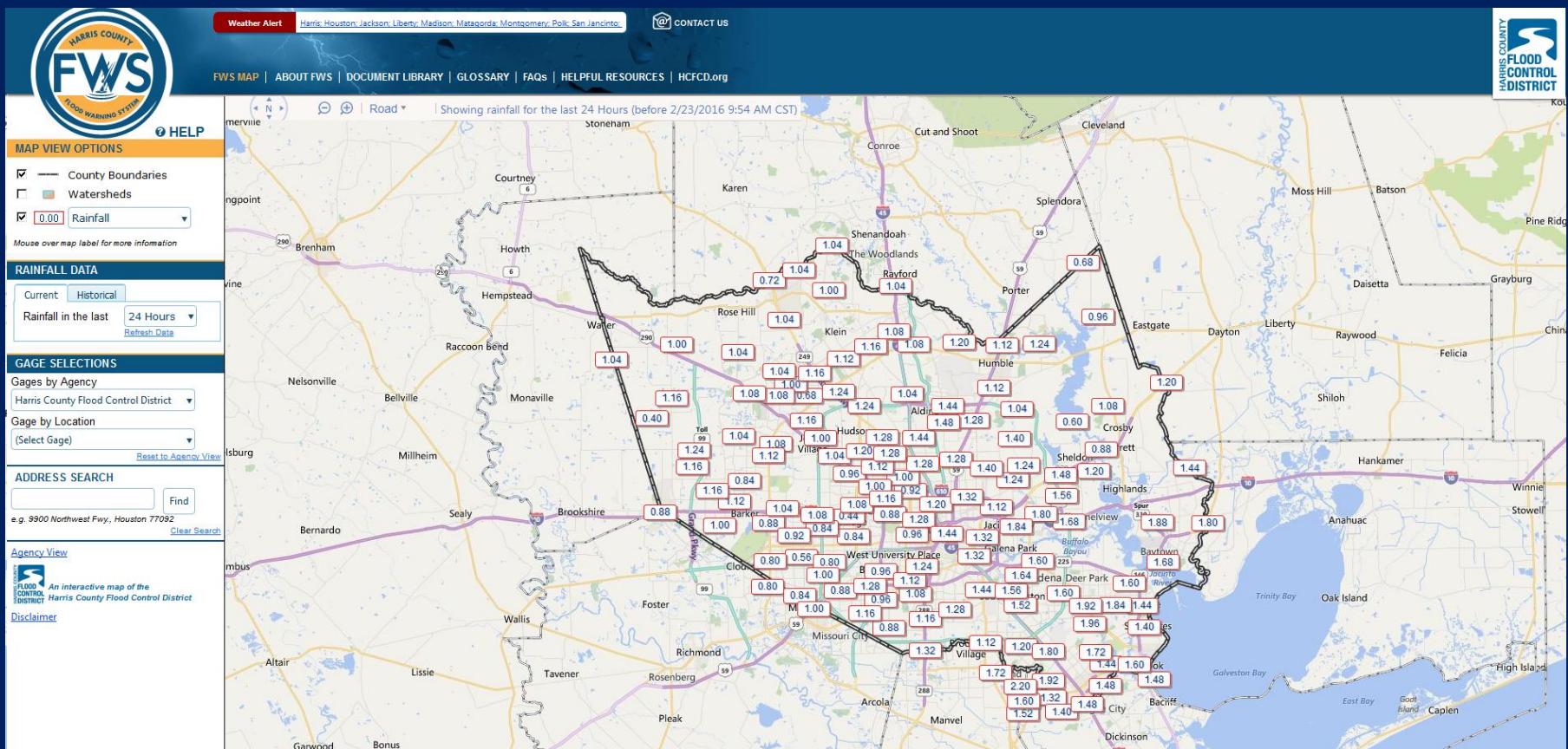


Alert Stations

- Several vendors sell both the hardware and software.
- Next generation of equipment “ALERT 2” being deployed.
- 2 Important Considerations:
 - If you invest in an ALERT Network, make sure you budget for regular maintenance visits and equipment replacement.
 - Make sure the public knows about the system and you create a robust web site for viewing the data.
- Some great ALERT Websites around TX:

Harris County Flood Control

<http://www.harriscountyfws.org/>



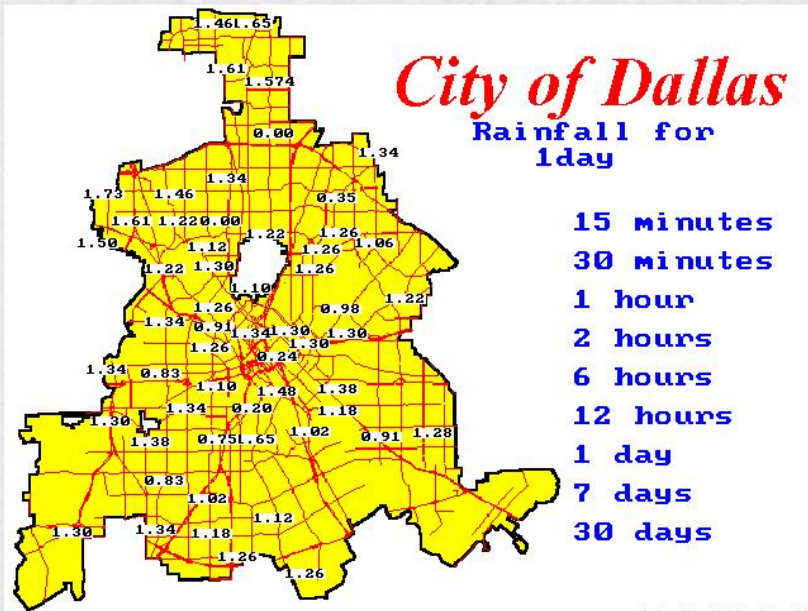
Dallas Flood Control

<http://www.ci.dallas.tx.us/sts/html/fc.html>

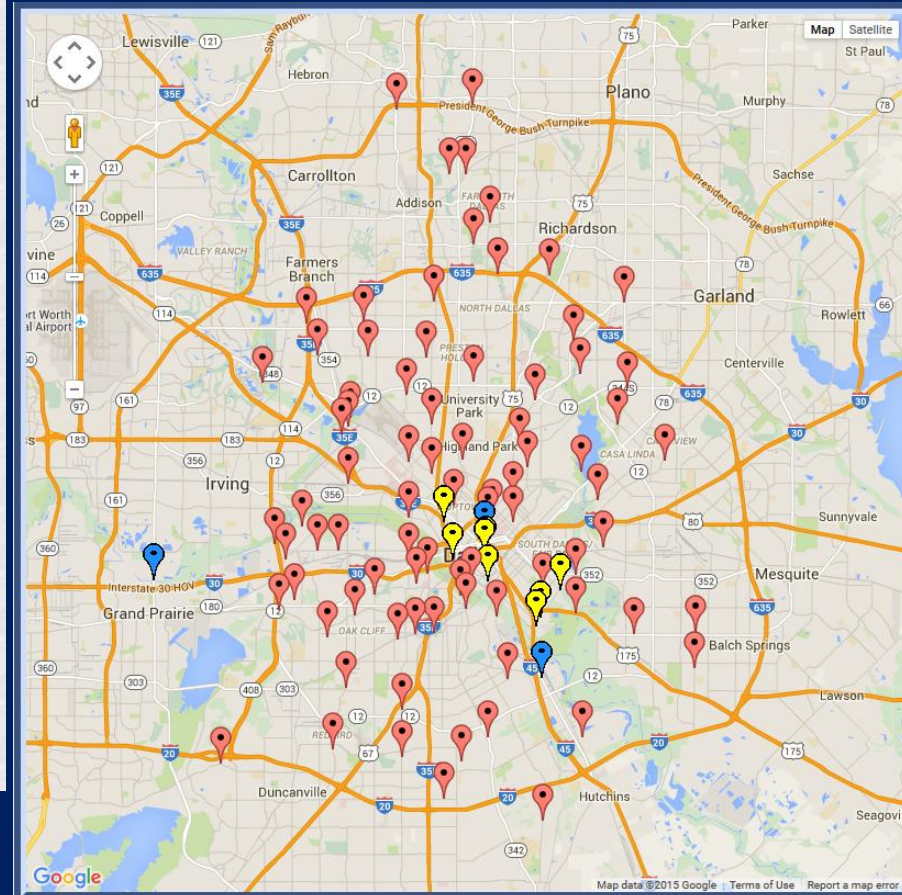
Trinity Watershed Management Flood Control

[Click for City of Dallas Home Page](#)

[What happened to the Radar, Satellite, and Forecast Products?](#)

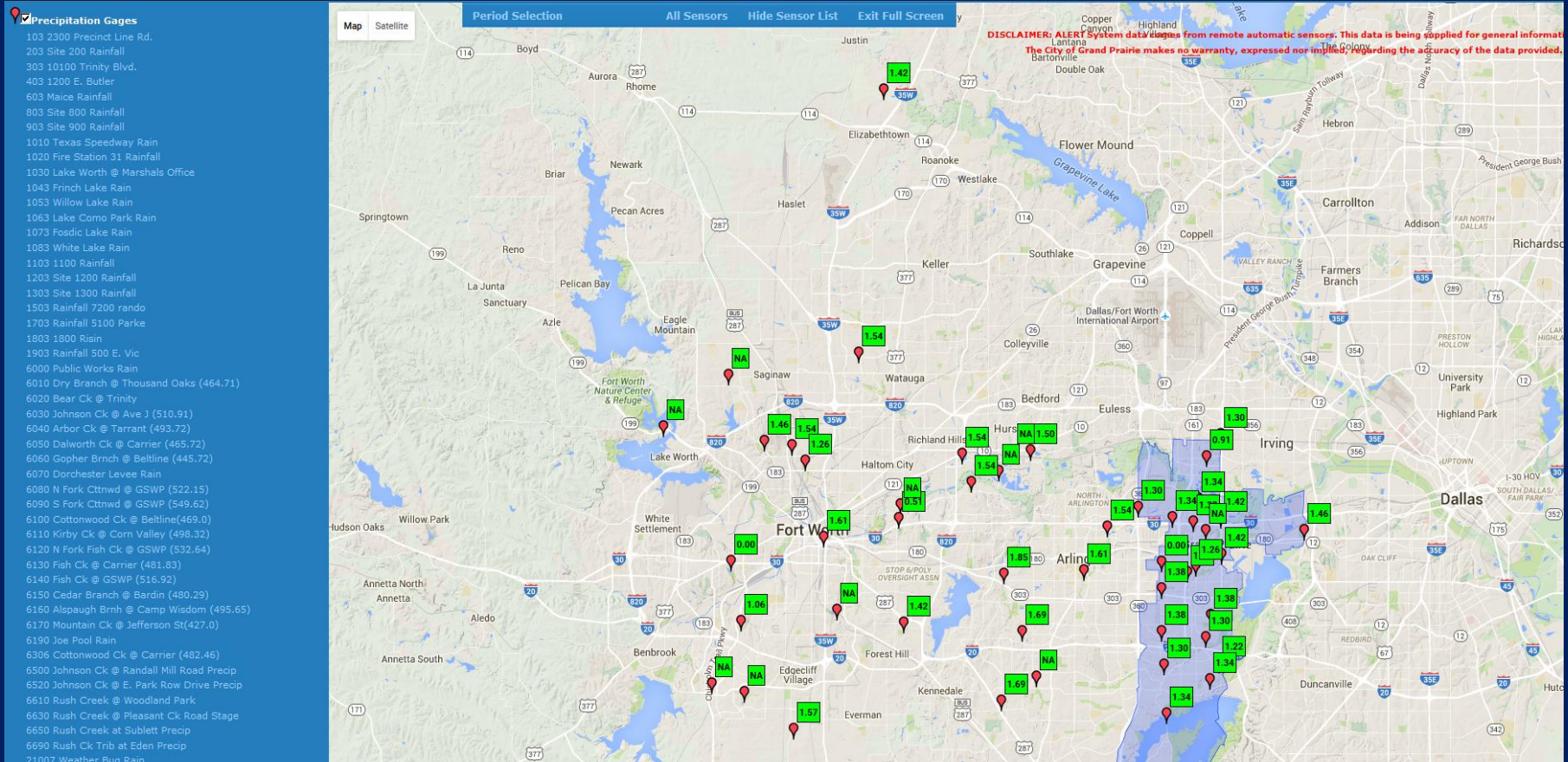


[15 min](#) [30 min](#) [1 hour](#) [6hours](#) [12 hours](#) [1 day](#) [7 days](#) [30 days](#)



Grand Prairie Flood Control

<http://70.128.162.108:81/rainfallmaps1440m.html>





**National Weather Service
3401 Northern Cross Blvd.
Fort Worth, TX 76137**

817-429-2631

www.weather.gov/fortworth

E-mail: bob.carle@noaa.gov