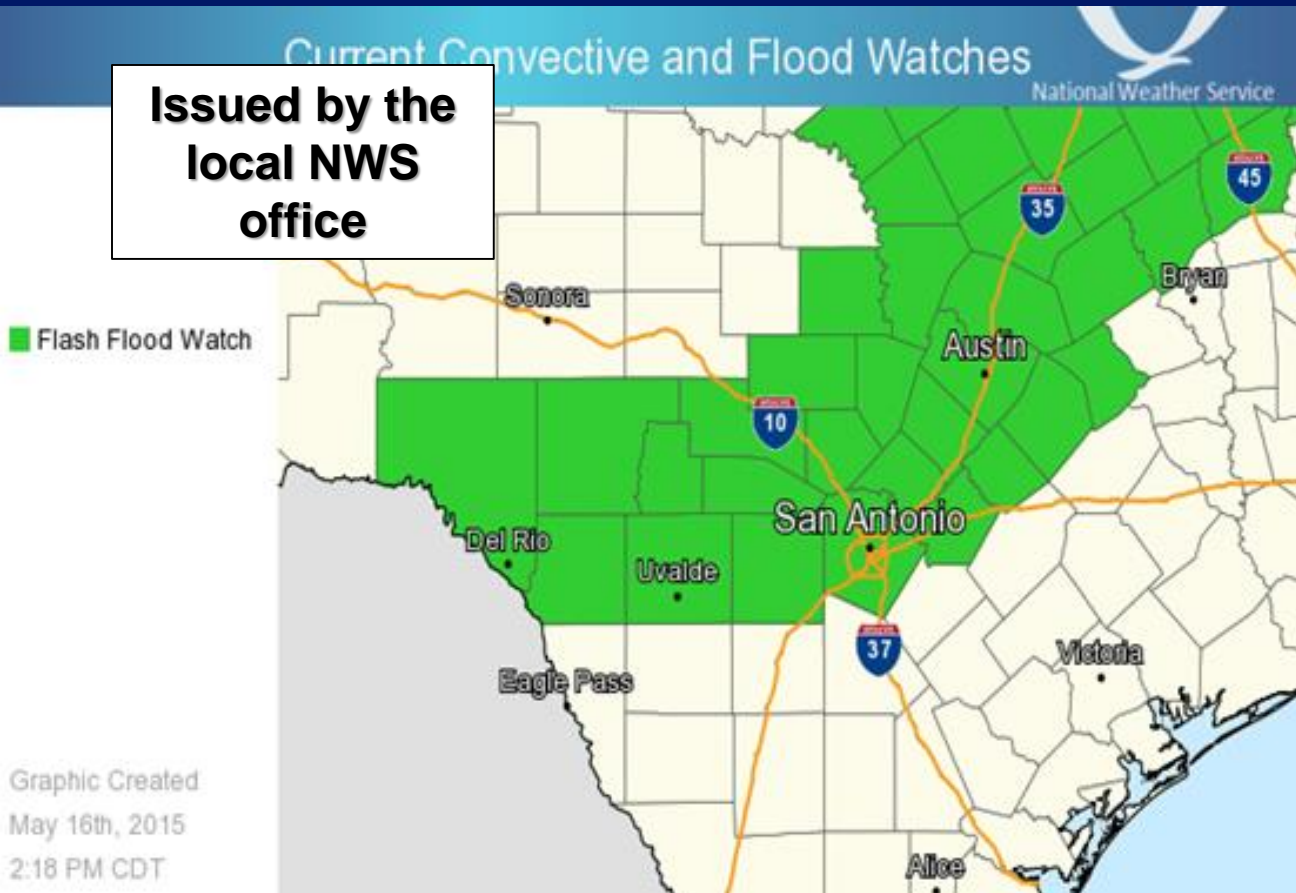


Flash Flood Watch

Issued by the
local NWS
office



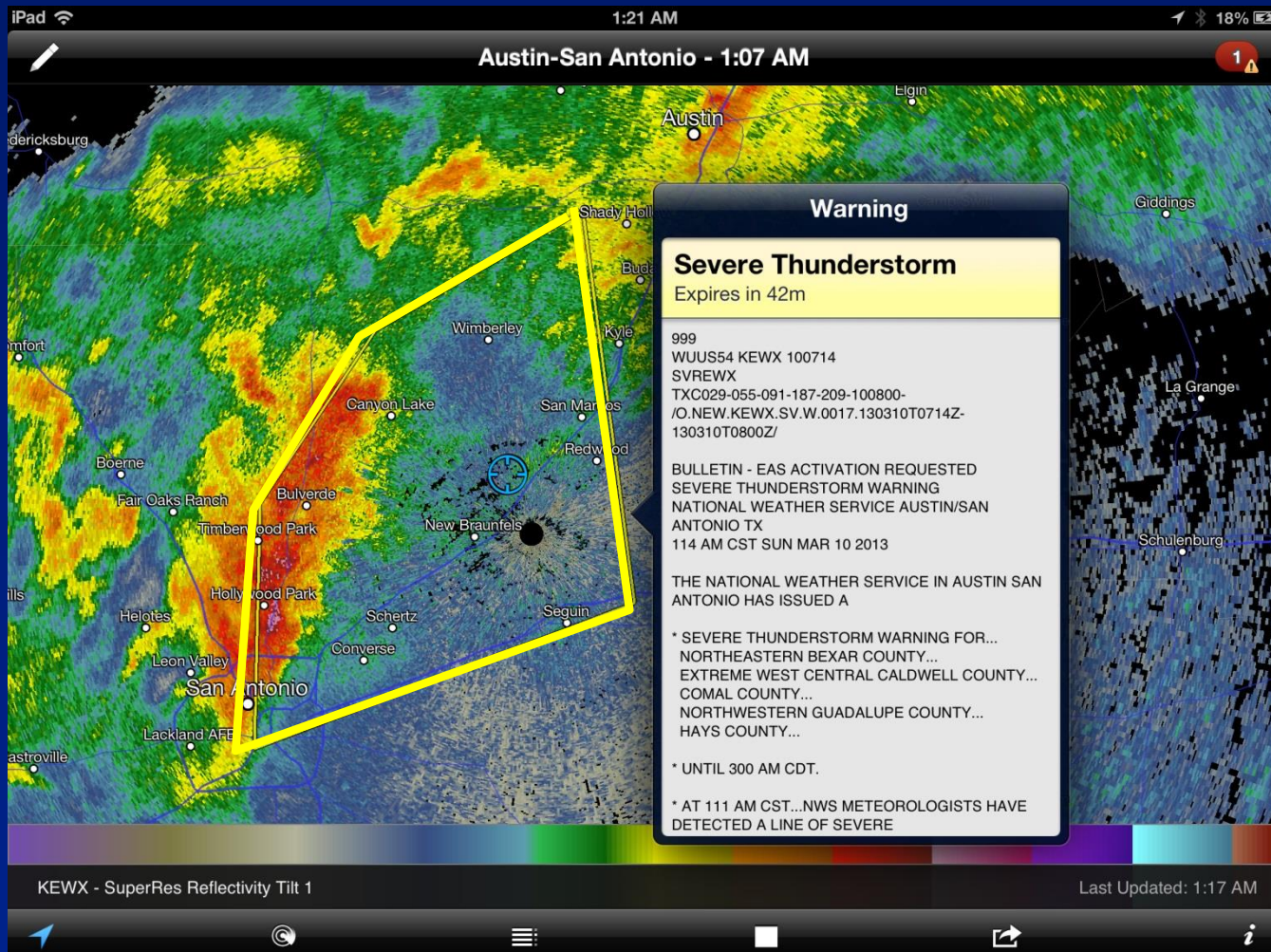
Could be in
effect for more
than 24 hrs.

May be issued
well in advance

Watch for the threat !

Weather Warning

Severe weather is imminent or is occurring in the warned area... **Seek shelter now!**



Flash Flood “Emergency”

The most significant threat term the NWS uses

Flash Flood Emergency



- Significant # of swift water rescues
- Significant loss of life
- Infrastructure damage
- Major or Record Flood

Wimberley Flash Flood

Have 3 Ways to Receive Weather Warnings

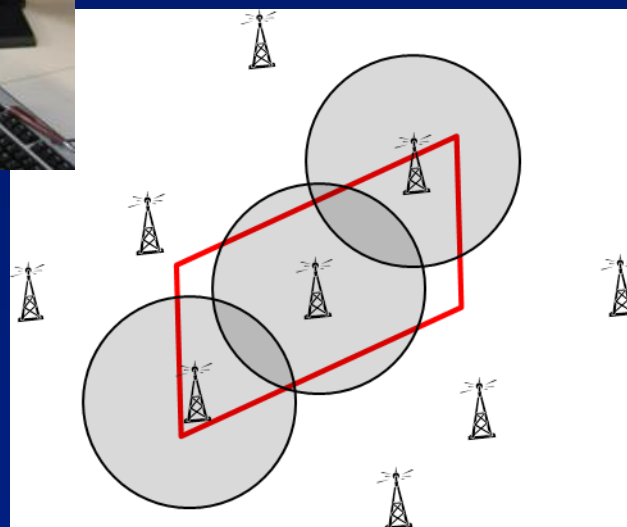
Weather Apps
Television
Weather Radio
Commercial Radio



Wireless Emergency Alerts (WEA)



Warnings issued



Warnings sent to cell phone towers



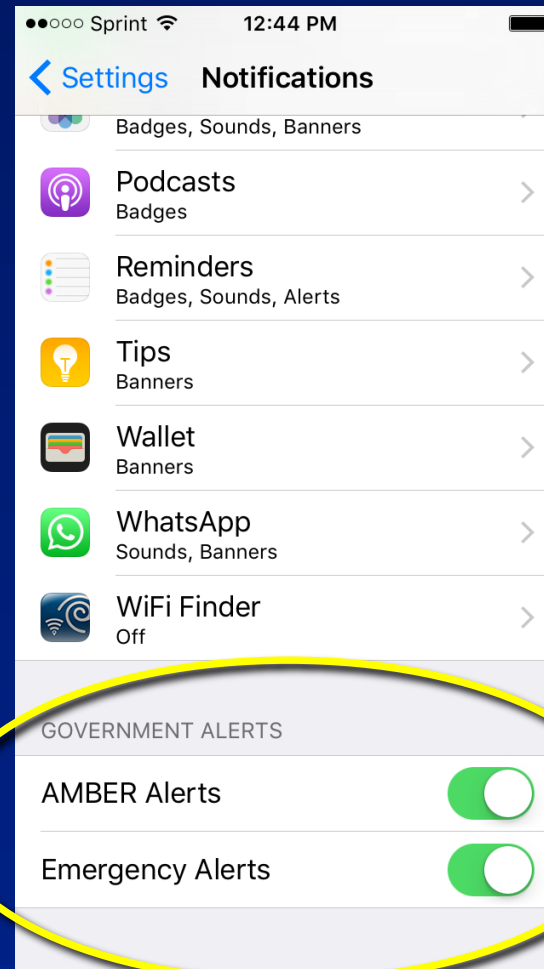
Warning arrives within seconds
Message limited to 90 characters

WEA Messages Originated by NWS

Extreme

| Warning Type | |
|----------------------|---|
| Tsunami Warning | |
| Tornado Warning | ← |
| Extreme Wind Warning | |
| Hurricane Warning | |
| Typhoon Warning | |
| Flash Flood Warning | ← |
| Dust Storm Warning | |

Severe



Controls are in
"Notifications"
settings page

CoCoRaHS

“BECAUSE EVERY DROP COUNTS”



Measure & Report Daily Rainfall on Interactive Web site: www.cocorahs.org

CoCoRaHS COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK Select Language

Home | Countries | States | View Data

Submit Data Reset

Precipitation Report Form

Welcome to CoCoRaHS!

Station Number : TX-CML-64

Station Name : New Braunfels 6.9 NNE

* Denotes Required Field

2/9/2017 * Observation Date ?

7:00 AM * Observation Time ?

0.00 in. * Rain and Melted Snow to the nearest hundredth inch that has fallen in the gauge during the past 24 hours, or T for trace, or NA for unknown. ?

Observation Notes (This will be available to the public) ?

New Snowfall

NA in. Accumulation of new snow in inches to the nearest tenth ?

NA in. Melted value from core to the nearest hundredth ?

Total Snow and Ice on Ground at Observation Time

NA in. Depth of total snow and ice (new and old) in inches to the nearest half inch ?

NA in. Melted value from core to the nearest hundredth ?

Duration Information

If a time is unknown or the storm has not ended leave it blank.

Precipitation Began AM PM

Precipitation Ended AM PM

Heaviest Precipitation Began AM PM

Heaviest Precipitation Lasted minutes

These times are: Select Time Accuracy


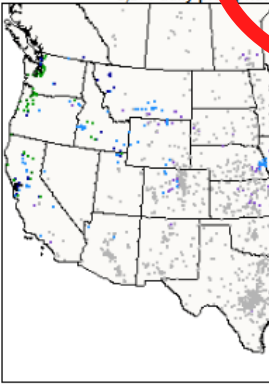
Additional Information

Any Flooding? Select a Flooding Value

Yes No Did you record hourly precipitation (or other detailed time increments) for this storm? If yes, CoCoRaHS personnel may request a copy of this data later, so please save it.

Submit Data Reset

Who uses CoCoRaHS? 5,271 daily precipitation



AMBASSADOR™
WxN
WEATHER-READY NATION

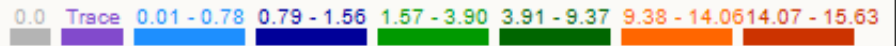
NATIONAL SYSTEM OF PUBLIC WEATHER
NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE

COCORAHS

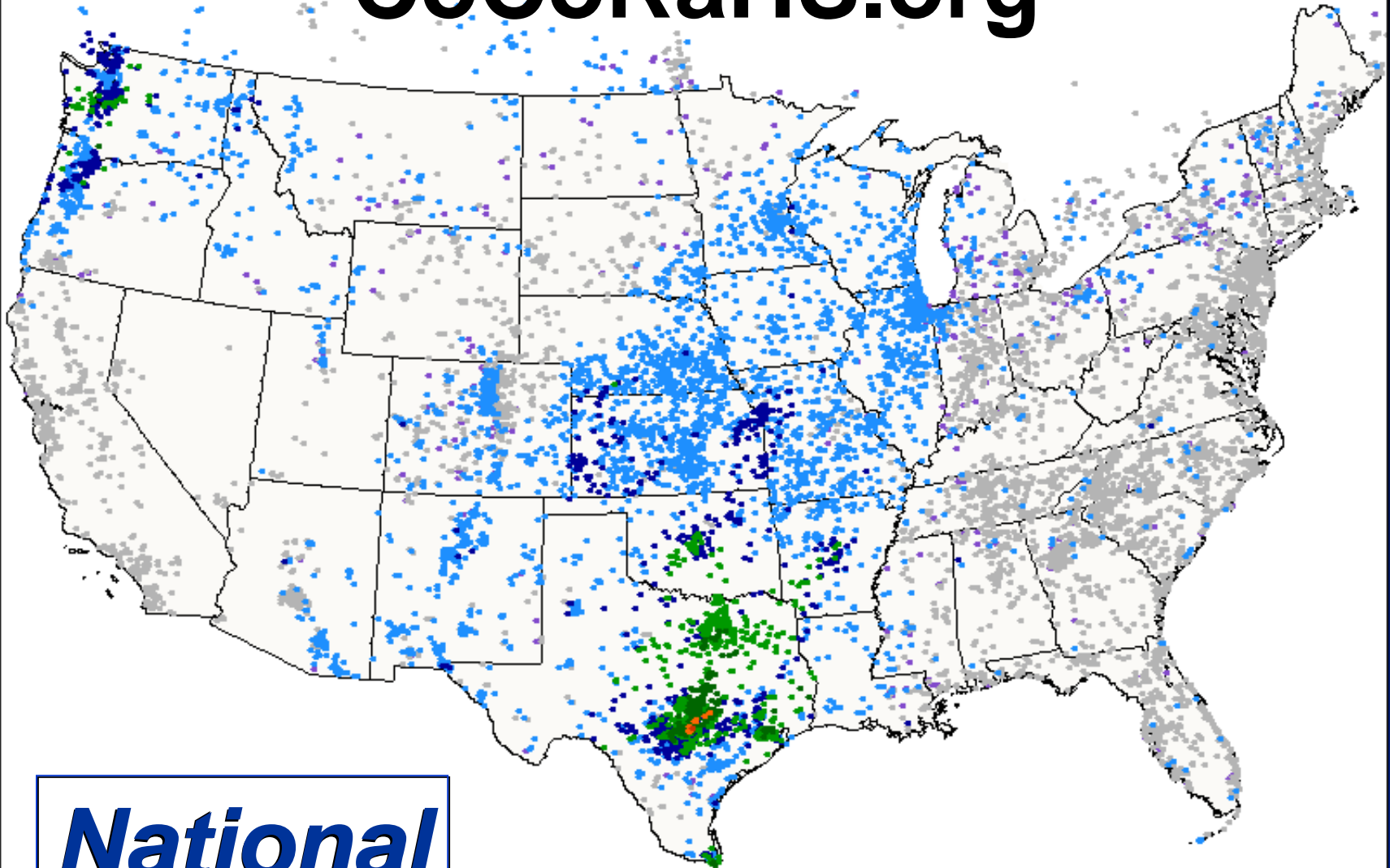
Fast, Friendly service

Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

USA 10/31/2015



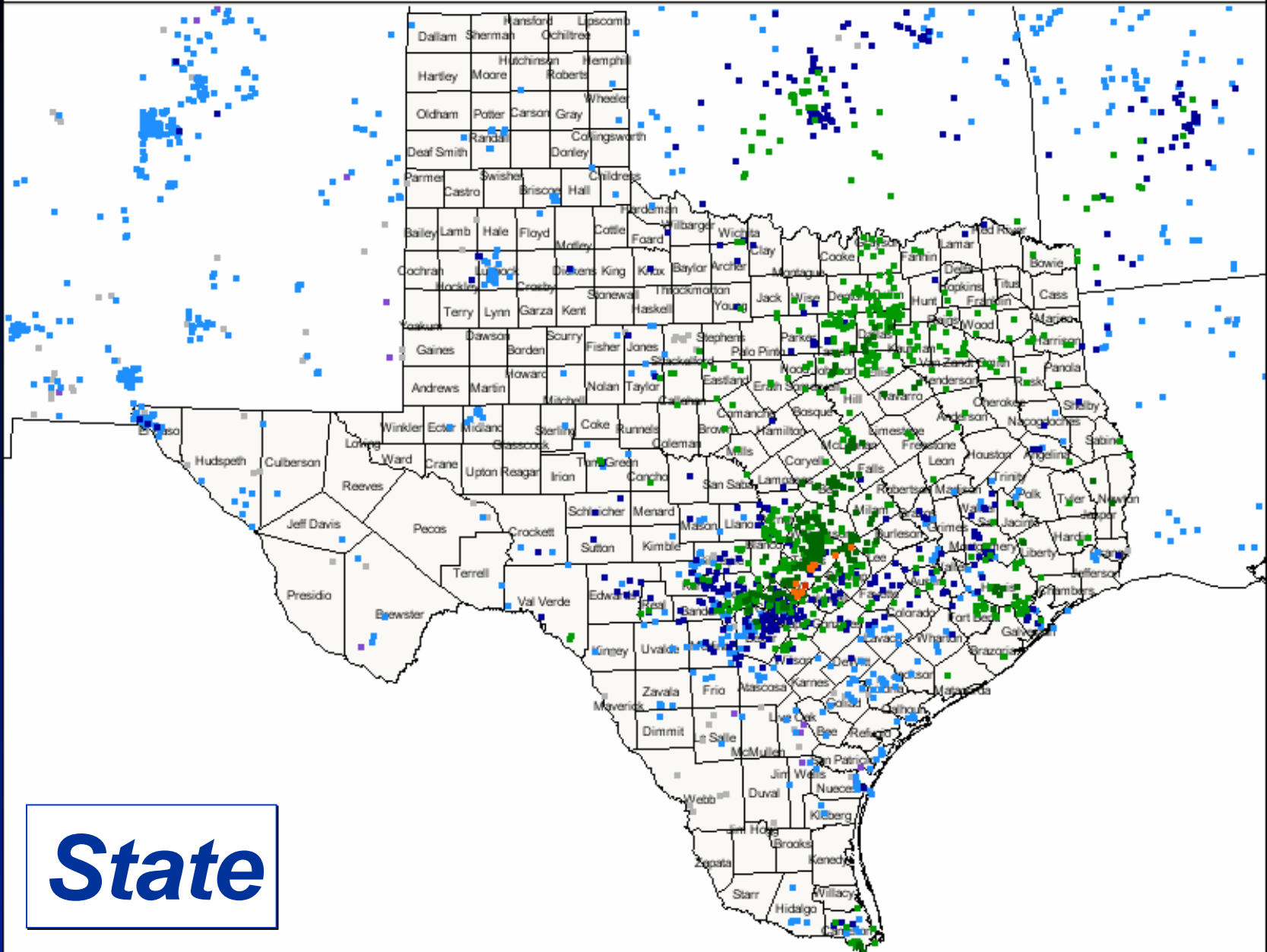
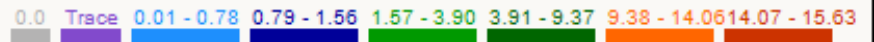
CoCoRaHS.org



National

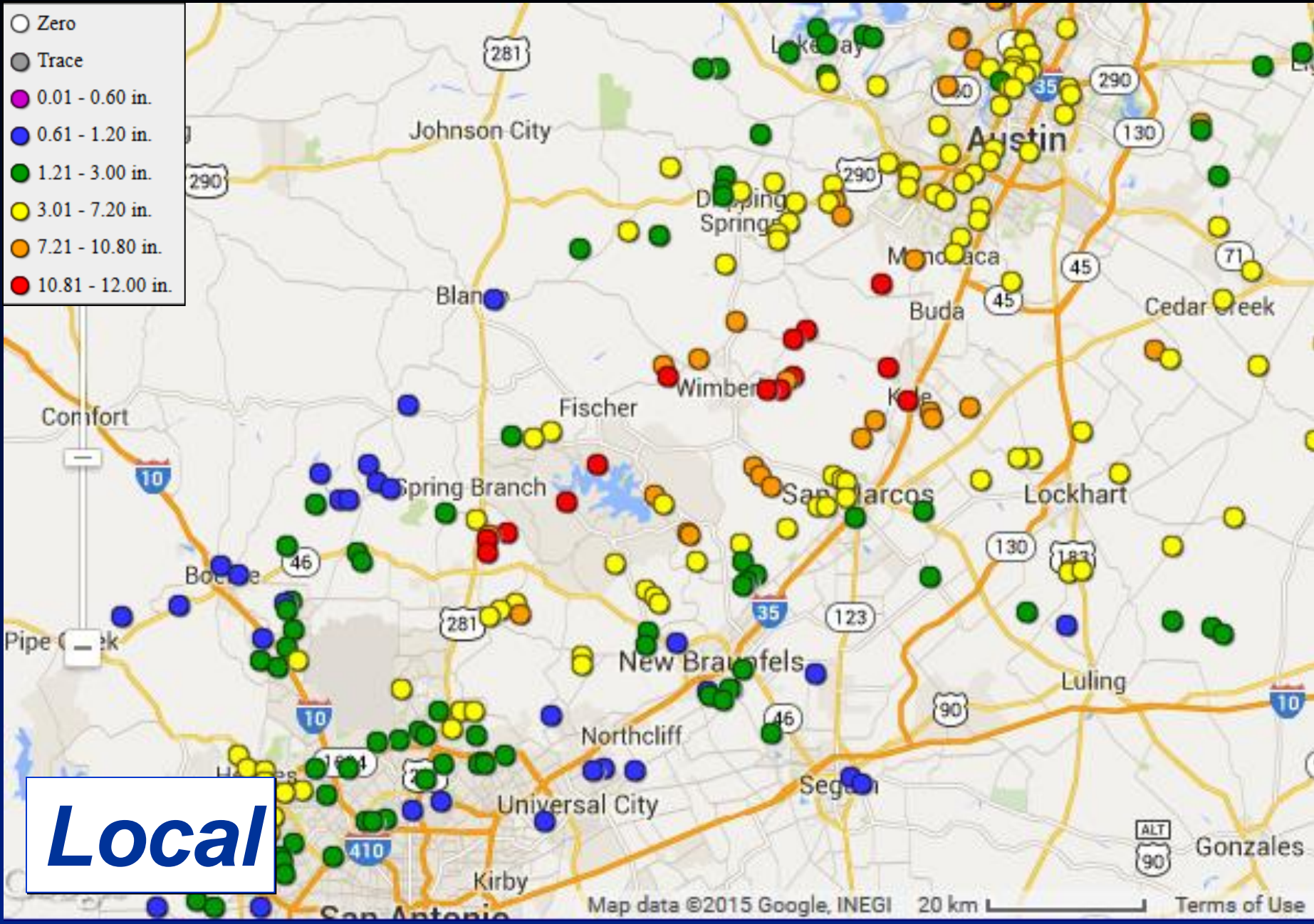
Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Texas 10/31/2015



State

- Zero
- Trace
- 0.01 - 0.60 in.
- 0.61 - 1.20 in.
- 1.21 - 3.00 in.
- 3.01 - 7.20 in.
- 7.21 - 10.80 in.
- 10.81 - 12.00 in.



Local

Precipitation

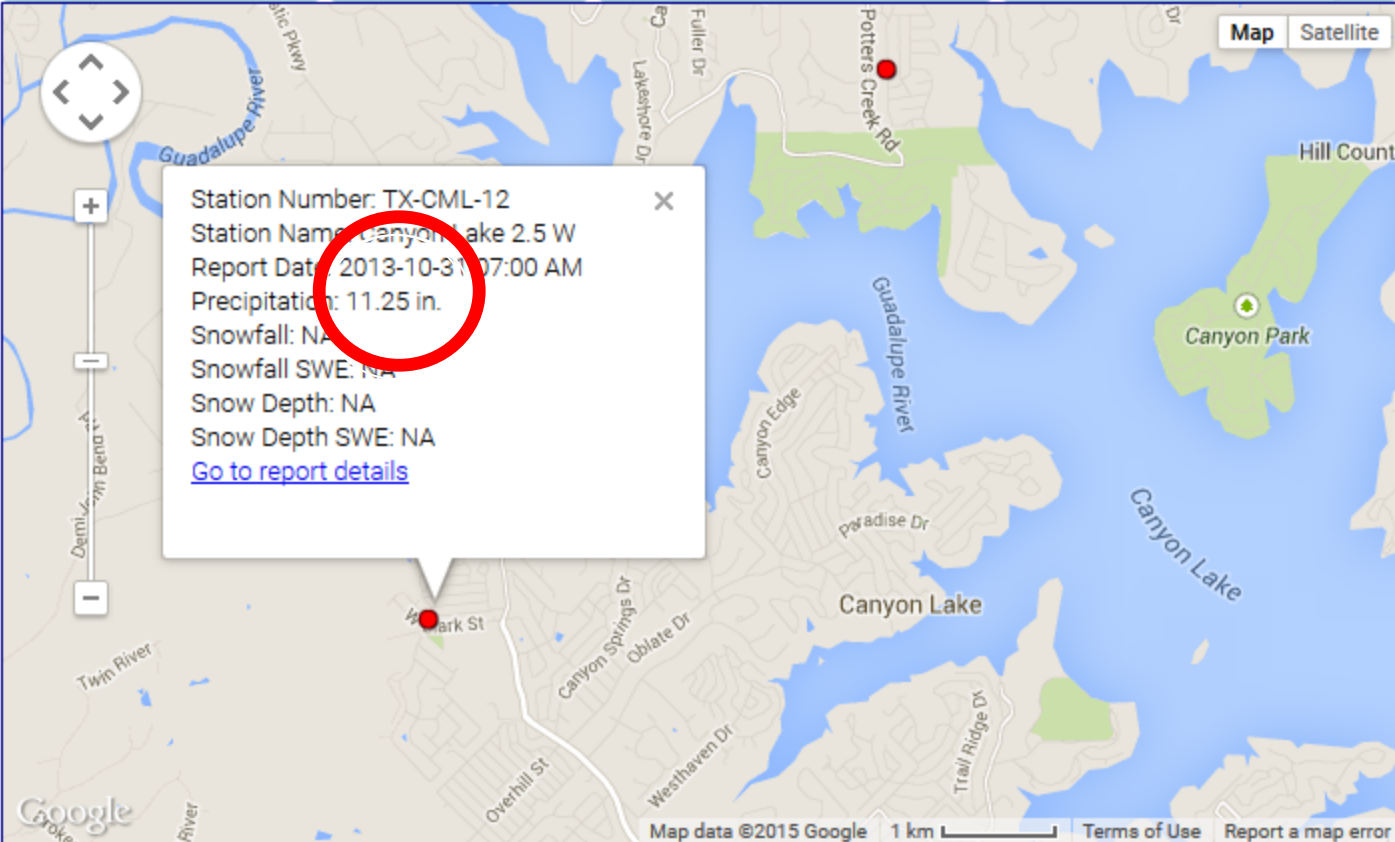
USA

Texas

10/31/2013

US Units

Update



Station Number: TX-CML-12
 Station Name: Canyon Lake 2.5 W
 Report Date: 2013-10-31 07:00 AM
 Precipitation: 11.25 in.
 Snowfall: NA
 Snowfall SWE: NA
 Snow Depth: NA
 Snow Depth SWE: NA
[Go to report details](#)

CoCoRaHS
 CoCoRaHS
 Precipitation Map

Date: 10/31/2013
 Country: USA
 State: TX
 Units: US Units

- Zero
- Trace
- 0.01 - 0.60 in.
- 0.61 - 1.20 in.
- 1.21 - 3.00 in.
- 3.01 - 7.20 in.
- 7.21 - 10.80 in.
- 10.81 - 12.00 in.

Show US Active Fire Perimeters

Source: [GEOMAC](#) GEOMAC wildfire data layers courtesy of the [U.S. Geological Survey](#).

| Obs Date | Obs Time | Station Number | Station Name | Precip (in.) | Snowfall (i... | Snow Depth (i... | Snow Depth SWE (in.) |
|------------|----------|----------------|--------------------|--------------|----------------|------------------|----------------------|
| 2013-10-31 | 07:35 AM | TX-TV-68 | Jollyville 1.6 SSE | 9.91 | NA | NA | NA |
| 2013-10-31 | 07:00 AM | TX-HYS-87 | Kyle 4.4 ESE | 9.70 | NA | NA | NA |
| 2013-10-31 | 07:00 AM | TX-TV-75 | Jollyville 2.1 SSW | 9.64 | NA | NA | NA |
| 2013-10-31 | 07:00 AM | TX-TV-75 | Jollyville 2.1 SSW | 9.62 | NA | NA | NA |
| 2013-10-31 | 07:00 AM | TX-TV-75 | Jollyville 2.1 SSW | 9.55 | NA | NA | NA |
| 2013-10-31 | 08:00 AM | TX-WM-167 | Round Rock 3.4 ENE | 9.53 | NA | NA | NA |

Street Level

Questions?

Paul.yura@noaa.gov



- **NWS Austin/San Antonio**
2090 Airport Road
New Braunfels, TX 78130