

Precipitation & Landscape Reporting



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June 22, 2017



Community Collaborative Rain, Hail, and Snow network

- a) CoCoRaHS is important data
- b) Types of reporting using CoCoRaHS
 - 1) daily precipitation
 - 2) significant weather reports
 - 3) condition monitoring



Precipitation: rain, hail, snow



My Data Entry : Daily Precipitation Report Form

Precipitation Report Form

Submit Data Reset

Station Number : CO-LR-610

Station Name : Fort Collins 3.5 SW

* Denotes Required Field

4/24/2009 *Observation Date ?

7:00 AM *Observation Time ?

0.59 *Rain and Melted Snow to the nearest hundredth inch that has fallen in the gauge during the past 24 hours ?

Yes No Report was taken at registered location?

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

Heavy rain last evening. Several tree branches snapped off due to high winds. We sure needed that rain!

New Snowfall

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

NA Melted value from core to the nearest hundredth ?

Total Snow and Ice on Ground at Observation Time

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

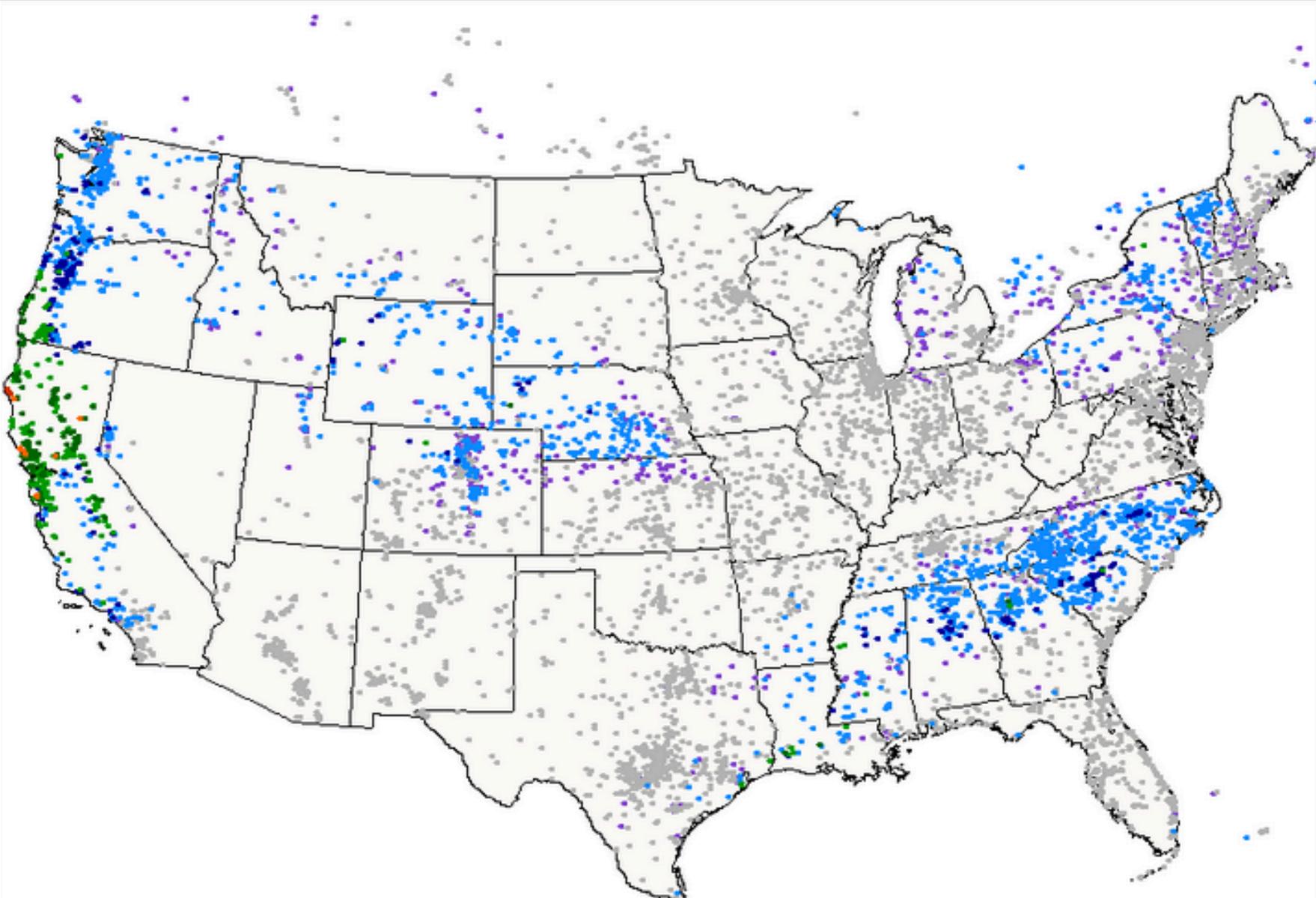
NA Melted value from core to the nearest hundredth ?

Volunteers report their daily observations on the website or using their smart phone

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

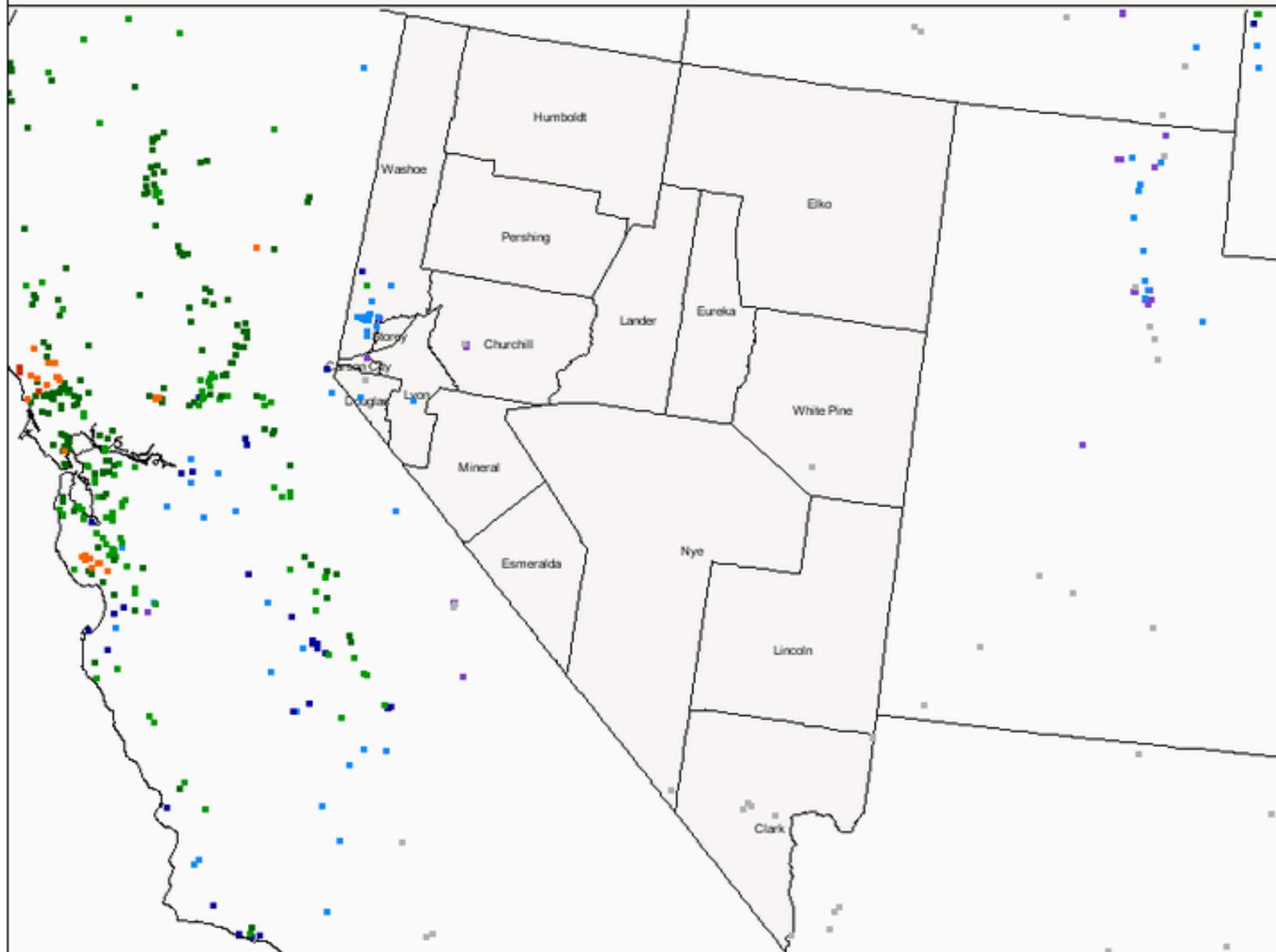
USA 2/3/2017

0.0 Trace 0.01 - 0.16 0.17 - 0.32 0.33 - 0.79 0.80 - 1.88 1.89 - 2.82 2.83 - 3.12



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

Nevada 2/3/2017



Examples of CoCoRaHS data users

Meteorologists

Hydrologists

Emergency Managers

Public Utilities

- Water supply

- Water conservation

- Storm water

Outdoor & Recreation

Mosquito control

Research scientists

Engineers

National Weather Service

State Climate Offices

Insurance adjusters

USDA—Crop production

Farm Service Agency

Ranchers and Farmers

Field Photo Weekends



Feb 18 - 20, 2017

Presidents Day
Memorial Day
Fourth of July
Labor Day



Source: Hottle, 2015

Join CoCoRaHS : www.cocorahs.org

www.cocorahs.org Search

CoCoRaHS COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK
"Because every drop counts"

Select Language

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Welcome to CoCoRaHS! "Volunteers working together to measure precipitation across the nations."

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www.cocorahs.org the Day

FIVEFORCOCORAHS "YEAR-END" FUNDRAISER
DONATE five dollars
NOW THRU JAN 7, 2017

FIVEFORCOCORAHS DONATE five dollars
"YEAR-END" FUNDRAISER
NOW THRU JAN 7th

JOIN COCORAHS

TRAINING SLIDE-SHOWS

Things to know about...

- Rain
- Hail

7,531 daily precipitation reports received today as of 1/5/2017 1:25 PM EST

Daily Precipitation (inches x.xx) USA 1/5/2017

0.0
Trace
0.00 - 0.26
0.27 - 0.52
0.53 - 1.32
1.33 - 3.18
3.19 - 4.77
4.78 - 5.30

Canada VT ME

thank you

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