

CoCoRaHS Condition Monitoring

Webinar with Carolinas Observers

January 25, 2017



Amanda



Kirsten

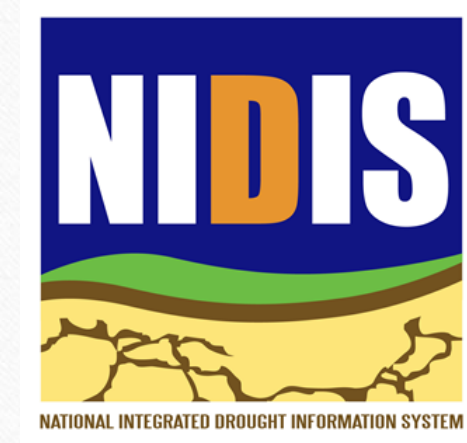
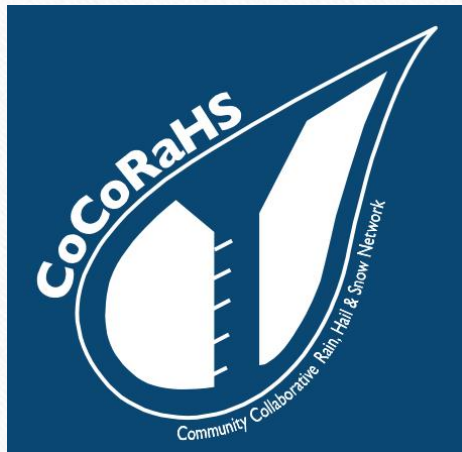


David



Ellie & Meghan

Project Partners



CoCoRaHS Condition Monitoring Overview

- Regular reports describing how the precipitation you've reported has affected your local environment and community
 - These reports help us to identify the onset, intensification, and recovery of drying or drought conditions
 - You can also share impacts from other weather events like hurricanes, severe thunderstorms, hail, snowfall, etc.



Christopher Lumpp, Nash County, NC

Enter My New Reports

- [Daily Precipitation](#)
- [Multi-Day Accumulation](#)
- [Hail](#)
- [Significant Weather](#)
- [Monthly Zeros](#)
- [Condition Monitoring Report](#)

Condition Monitoring Report Form

Submit Data

Reset

Station Number : SC-RC-56

Station Name : Columbia 0.5 NE

Condition monitoring reports are submitted on a regular (weekly, biweekly, monthly) basis to share information about the effects of local precipitation on the environment and society. By submitting reports on a regular basis, you create a baseline to see change through time, such as seasonal differences or changes caused by more or less precipitation. Please refer to the [Condition Monitoring training slide show](#) for more information.

* indicates required field

Report Date *

1/24/2017

Condition Scale Bar

[More information on the scale bar](#)

Clear Scale Bar

Severely Dry	Moderately Dry	Mildly Dry	Near Normal	Mildly Wet	Moderately Wet	Severely Wet
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Description

Please provide a description of how dry, normal or wet conditions are affecting you, your livelihood, your activities, etc. *

Report Categories

Please check at least one report category. If you check a category, please provide supporting information in the description. [More information on condition monitoring categories.](#)

☐ General Awareness
 ☐ Agriculture
 ☐ Business And Industry
 ☐ Energy
 ☐ Fire
 ☐ Plants And Wildlife
 ☐ Relief Response
 ☐ Society And Public Health
 ☐ Tourism And Recreation
 ☐ Water Supply And Quality

Submit Data

Reset

1. Enter "Report Date"

2. Select from Condition Monitoring Scale Bar

3. Write Condition Monitoring Report

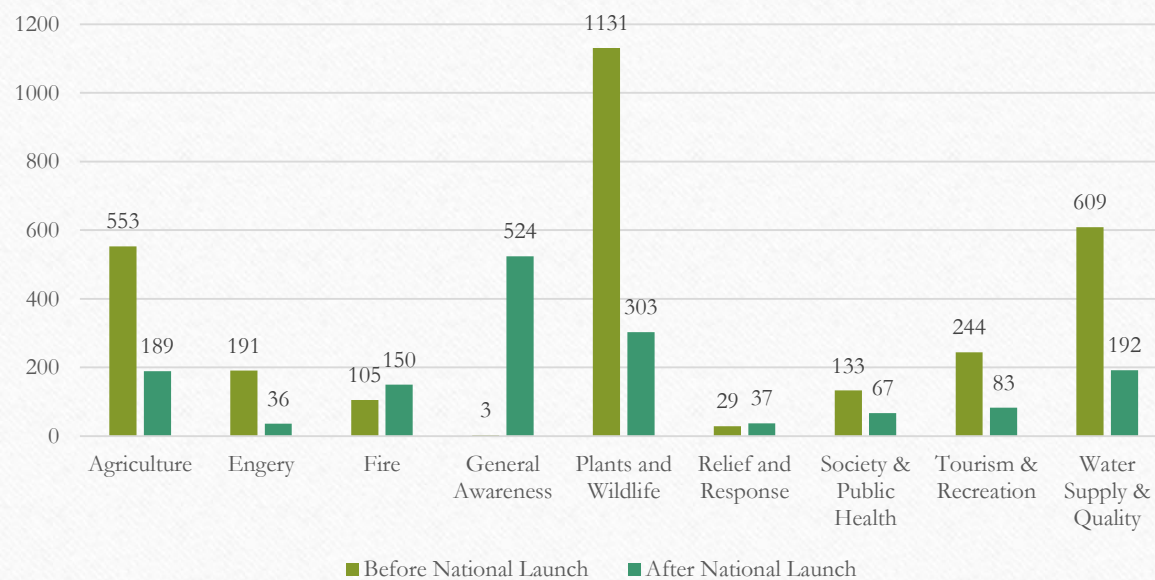
4. Review Impact Categories
-

CoCoRaHS Condition Monitoring Reports

- September 2013 – October 9, 2016
 - 1969 reports submitted by Carolinas observers using the Drought Impact Report Form
- October 10, 2016
 - Condition Monitoring Report Form with scale bar goes national
- October 10, 2016 – January 24, 2017
 - 5743 reports submitted nationally
 - 538 NC reports, 182 SC reports = 720 total Carolinas reports

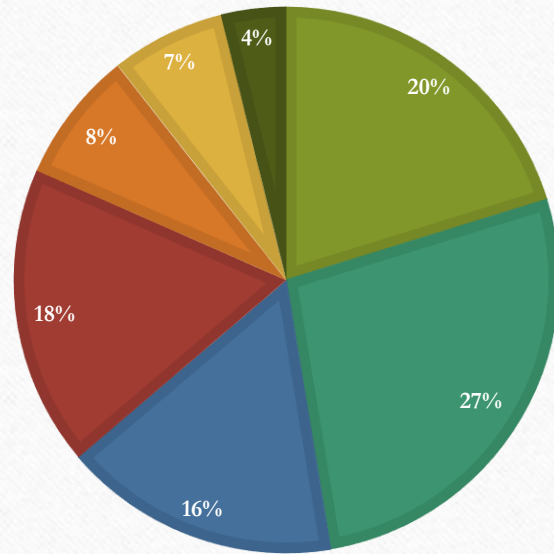
Report Content

Report Categories
(As selected by observers)

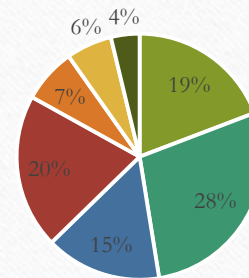


Scale Bar Breakdown

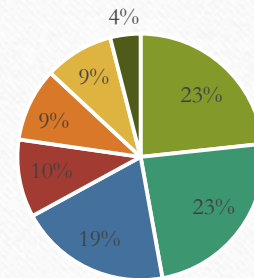
Severly Dry Moderately Dry Mildly Dry Near Normal
Mildly Wet Moderately Wet Severly Wet



North Carolina



South Carolina



Carolinas Web Map

www.cisa.sc.edu/map

Use the “Feedback” button to tell us what you think

Observation Guidance

- ☐ General Awareness
- ☐ Agriculture
- ☐ Business And Industry
- ☐ Energy
- ☐ Fire
- ☐ Plants And Wildlife
- ☐ Relief Response
- ☐ Society And Public Health
- ☐ Tourism And Recreation
- ☐ Water Supply And Quality

When writing condition monitoring reports you can use the report categories as a guide:

Were there **Agricultural** impacts this week?

Was **Business And Industry** affected?

Did you notice any **Public Health** impacts?

Was there **Fire**?

Observation Guidance

If possible, consistently report from specific locations:

- Report on specific bodies of water
- Report on specific plant life
- Report on specific businesses

Note the differences between your last report and the current conditions.



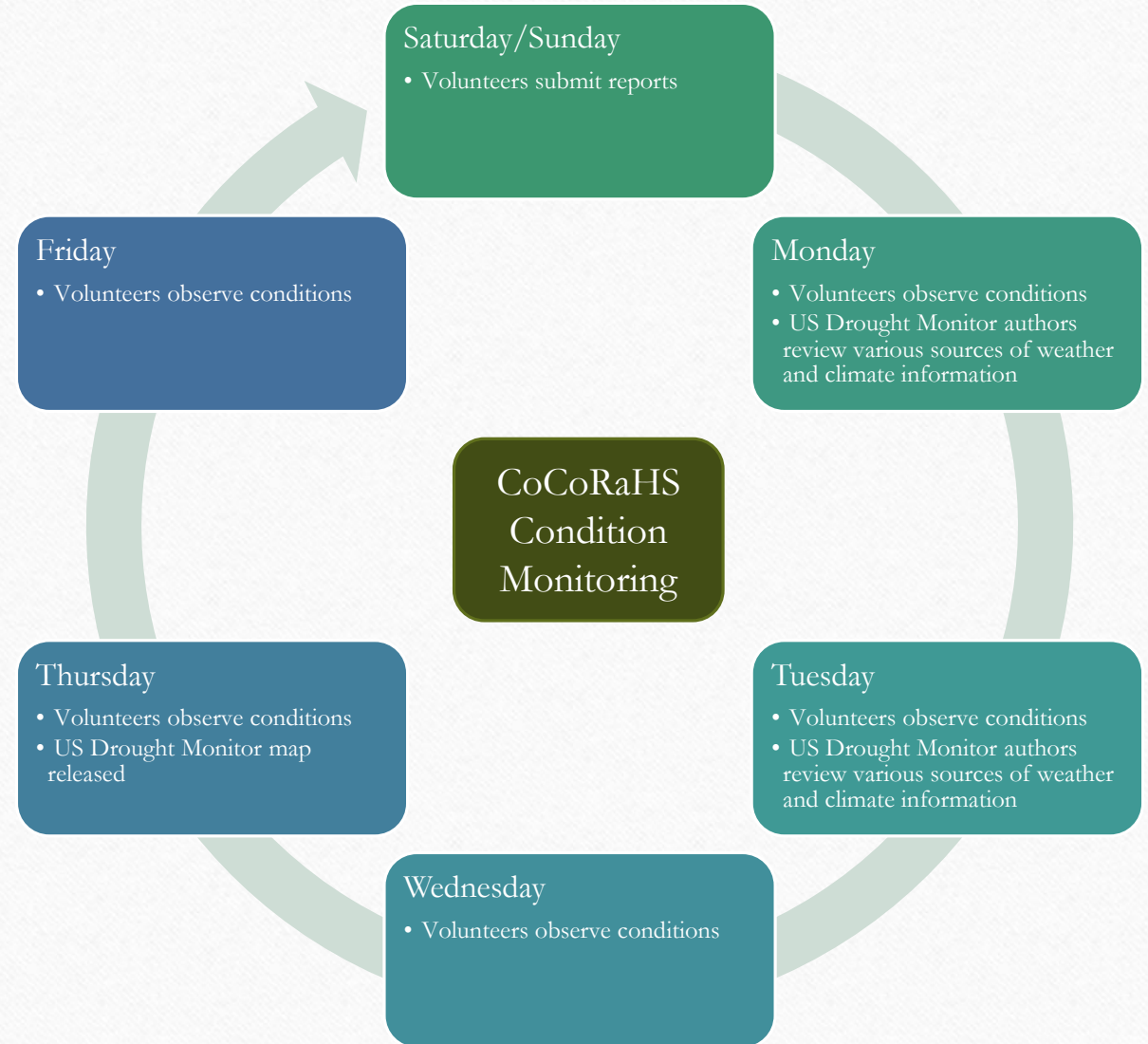
Photo credit: Christopher Lumpp

Sample Reports

- The soil in the vegetable garden and the general area is quite wet, with standing water in low areas like drainage ditches. Conditions were similar at Magnolia Gardens yesterday even before last night's heavy rain. *Charleston, SC*
- Condition unchanged. Little rain this week. *Buncombe County, NC*
- My lawn, sloped to the lake, is soggy to walk on. Cool weather grass is very green with winter weeds growing. Dogwoods, elms and several other trees are budded up. Daffodils are up 2 inches. The lake level is up approx. 18 inches. *Caswell County, NC*

Request to submit reports on Saturdays or Sundays

- Ensure that up-to-date information is available to US Drought Monitor authors, who review the information at the beginning of week in order to publish the Drought Monitor map on Thursdays.
- Having all observers submit condition monitoring reports on a weekly basis will also make condition reports more reliable and timely, thus more useful in scientific research.



Don't Let Winter Weather Ruin Your Gauge!

- In freezing temperatures, take the inner tube inside
- If snow is in the forecast, take the funnel and inner tube off of the gauge. This will give you a more accurate snow measurement.
- Spring Cleaning – Be sure to clean your gauge regularly

We Need Your Feedback

- 3 online surveys to Carolinas CoCoRaHS volunteers
 - What you like about the project, what we could improve
 - How useful the web map is
 - What additional information you would like to receive in the blog and newsletter
 - Find these resources at: www.cisa.sc.edu/CoCoRaHS.html
- The 1st survey will be circulated tomorrow, January 26, 2017.