



Training Slide Show

“Because every drop counts!”

What is CoCoRaHS?

CoCoRaHS is a national
grassroots,
non-profit, community-based,
high-density precipitation network .



... made up of volunteers of
all ages and backgrounds



... who take daily measurements of
precipitation right in their own
backyards



Once trained,
our volunteer observers
collect data using low-
cost measurement tools .

..



4-inch diameter
high capacity rain gauges



Aluminum foil-wrapped
Styrofoam hail pads

Training is important to assure
accurate, high quality data

www.cocorahs.org

Volunteers report their daily observations on our interactive Web site

Community Collaborative Rain, Hail & Snow Network
"Because every drop counts"

Home | States | View Data | Maps My Data | My Account | Admin | Logout

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

Main Menu

- Home
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- Join CoCoRaHS
- Contact Us
- Donate

Resources

- FAQ / Help
- Education
- Training Slide-Shows

Volunteer Coordinators

- Hall Pass Distribution/Drop-off
- Help Needed
- Printable Forms

The Catch

- Measurement of the Day
- Data Analysis
- CoCoRaHS Blog
- Web Groups
- State Newsletters

Sponsors

- Presentations
- Links

NORA

Daily Precipitation (Inches XXX) USA
12/14/2009

0.0
0.00 - 0.08
0.09 - 0.16
0.17 - 0.39
0.40 - 0.92
0.93 - 1.40
1.41 - 1.65

weatherwise
Read the "CoCoRaHS Article" and find out more about Weatherwise Magazine

Disclaimer: An official

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

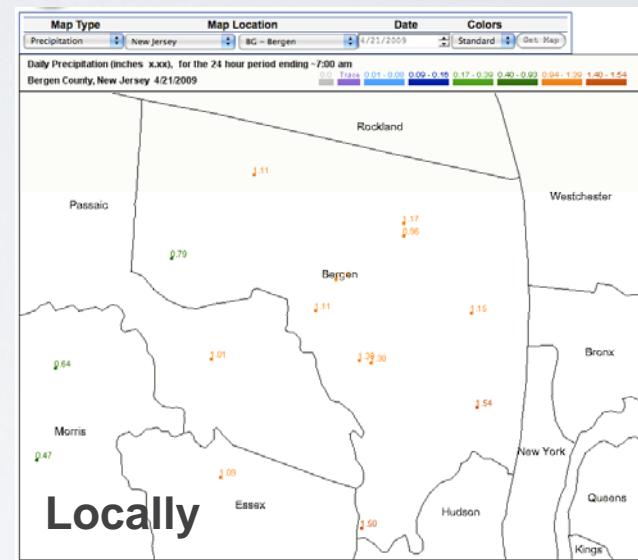
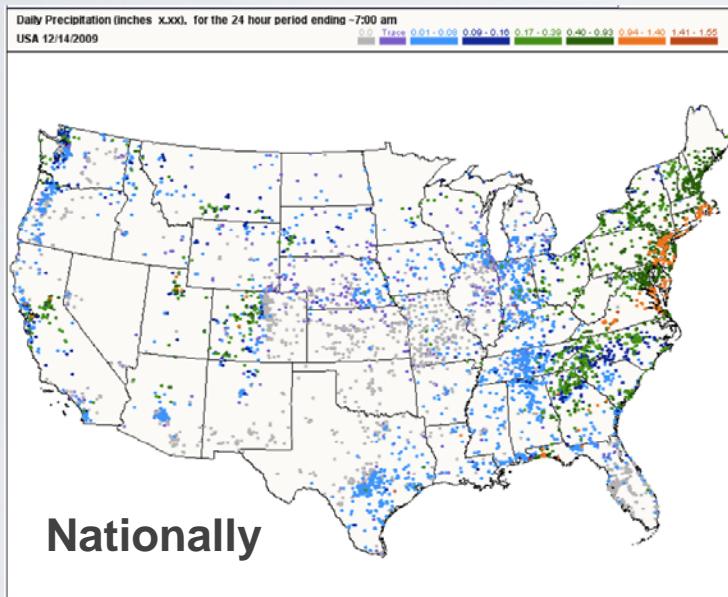
Depth of total snow and ice (new and old) in inches to the nearest half inch

NA

Melted value from core to the nearest hundredth

Immediately viewable

Volunteers observations are viewable in both map and table form within a few minutes



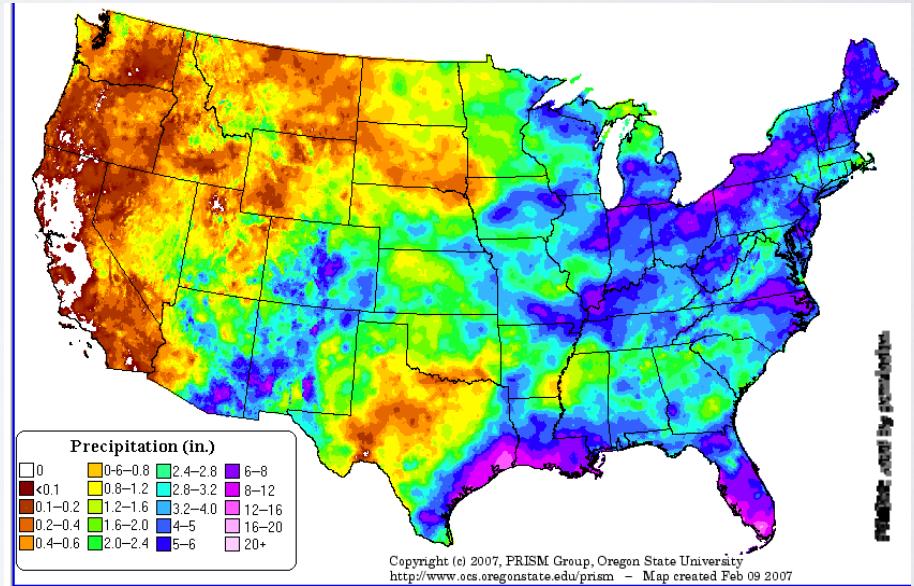
Date	Time	Station Number	Station Name	Total Precip .Ins	New Snow .in	Total Snow .in	State	County	View
4/21/2009	7:00 AM	NJ-HD-1	Harrison 0.3 N	1.86	NA	NA	NJ	Hudson	
4/21/2009	7:00 AM	NJ-OC-4	Little Egg Harbor Twp 0.4 SSW	1.78	NA	NA	NJ	Ocean	
4/21/2009	6:10 AM	NJ-MN-10	Eatontown 1.2 NE	1.57	NA	NA	NJ	Monmouth	
4/21/2009	8:00 AM	NJ-OC-12	Stafford Twp 2.1 NW	1.56	NA	NA	NJ	Ocean	
4/21/2009	9:00 AM	NJ-BG-18	Palisades Park 0.2 WNW	1.54	NA	NA	NJ	Bergen	
4/21/2009	7:20 AM	NJ-BG-15	North Arlington 0.7 WNW	1.50	NA	NA	NJ	Bergen	
4/21/2009	7:00 AM	NJ-MN-6	Red Bank 1.3 NW	1.48	0.0	NA	NJ	Monmouth	
4/21/2009	7:00 AM	NJ-CM-5	Ocean City 1.6 NW	1.41	NA	NA	NJ	Cape May	
4/21/2009	7:20 AM	NJ-BG-8	Saddle Brook Twp 0.3 NNE	1.39	NA	NA	NJ	Bergen	
4/21/2009	7:20 AM	NJ-MD-18	Highland Park 0.2 S	1.39	NA	NA	NJ	Middlesex	

Why CoCoRaHS?

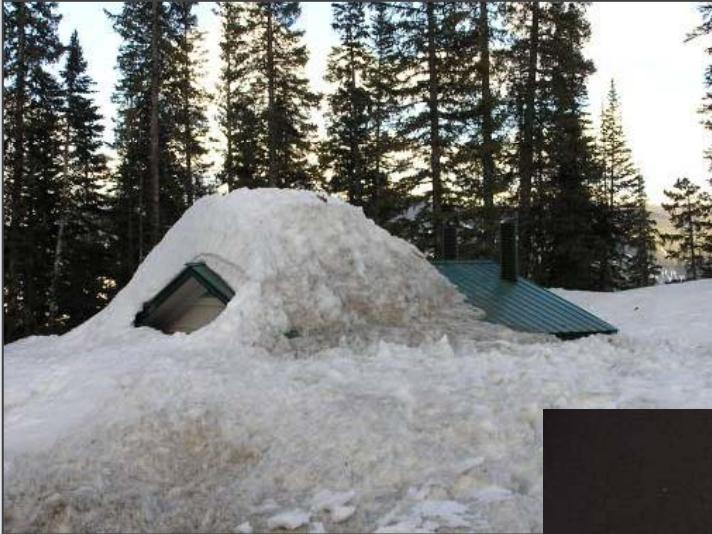
Great question!



Precipitation is important
and highly variable



Data sources are few
and rain gauges are far
apart



Measurements from many sources
are not always accurate (especially
snow)



There is almost no quantitative
data being collected about hail



Storm reports can save lives

CoCoRaHS's main focus

is to provide:

**Quality Precipitation Data
&
Educational Opportunities**

to help the public better
understand weather and climate



CoCoRaHS observations are used by many

- National Weather Service
 - Other Meteorologists
 - Hydrologists
 - Emergency Managers
 - City Utilities
 - Water supply
 - Water conservation
 - Storm water
 - Insurance adjusters
 - USDA -- Crop production
 - Engineers
 - Scientists studying storms
 - Mosquito Control
 - Farm Service Agency
 - Ranchers and Farmers
 - Outdoor & Recreation
- Teachers and Students
 - Geoscience education tool
 - Taking Measurements
 - Analyzing data
 - Organizing Results
 - Conducting Research
 - Helping the Community
 - Emergency Managers
 - City Utilities
 - Water supply
 - Water conservation
 - Storm water



Section One

Setting up your equipment
and measuring
precipitation



In this section we will:

- a) Show how/where to place your gauge and hail pad
- b) Explain how to measure rainfall
- c) Illustrate how to observe hail
- d) Show how to measure snow depth and water content



Placement of your gauge

*“Location is the
key to good data”*



Places not to place your gauge



The #1, all time worst place to put your rain gauge is to leave it in the box!

Using your gauge to hold up your gutter downspout is not a wise choice either!

Avoid placing it under trees or any structure



Although convenient, the deck is still too close to the house

Also avoid placing your gauge near:



Sprinklers both big and small

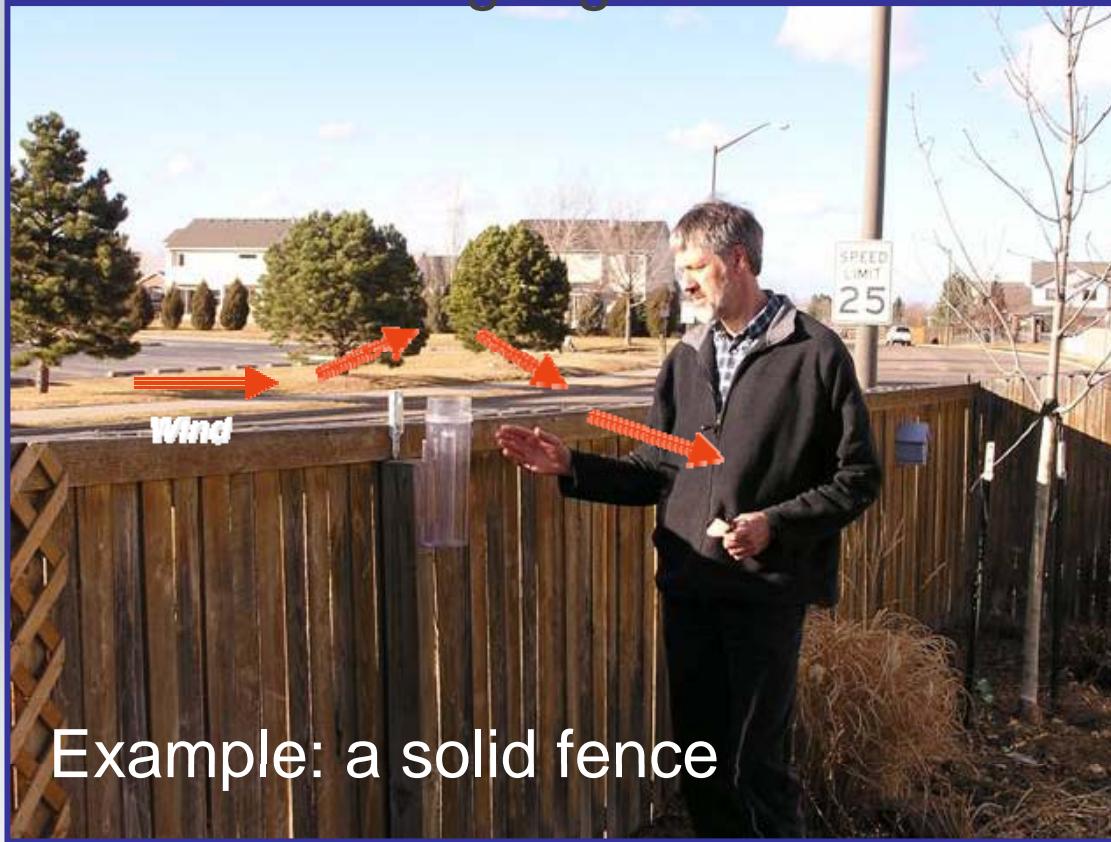
Any steep slopes (a bit exaggerated)



Animals (dogs, birds . . .
mountain lions!)



Avoid anything that would artificially increase or decrease your catch gauge



Example: a solid fence

This can cause updrafting during strong winds, which may reduce your gauge catch.

Ideal placement for your gauge



Distance from Obstacles

In open areas strive to be twice as far
from obstacles as they are high.

In developed areas strive to be as far
from obstacles as they are high.

Distance between Trees

Ideally, place your gauge equidistant
from the nearest trees



Height above the ground

In open areas place the gauge top
approx. 2 feet off the ground



In developed areas place the gauge top
approx. 5 feet off the ground



Level and Bevel

Make sure that your gauge is level



Bevel the top of the post to reduce rain splashing into the gauge



HAIL PAD PLACEMENT



Where should I place my hail pad?

When you have found a good place for your rain gauge, that should be good enough for your hail pad as well.

Elevate and Attach your Hail Pad

The pad must be horizontal. It is best, but not necessary to elevate the hail pad.

It should be firmly attached so that . . .



. . . it doesn't blow away!



“when last seen, our hail pad was headed north at 3rd and Elm”

Write the direction the pad is facing on the pad's back, as well as your station number (CO-LR-284)



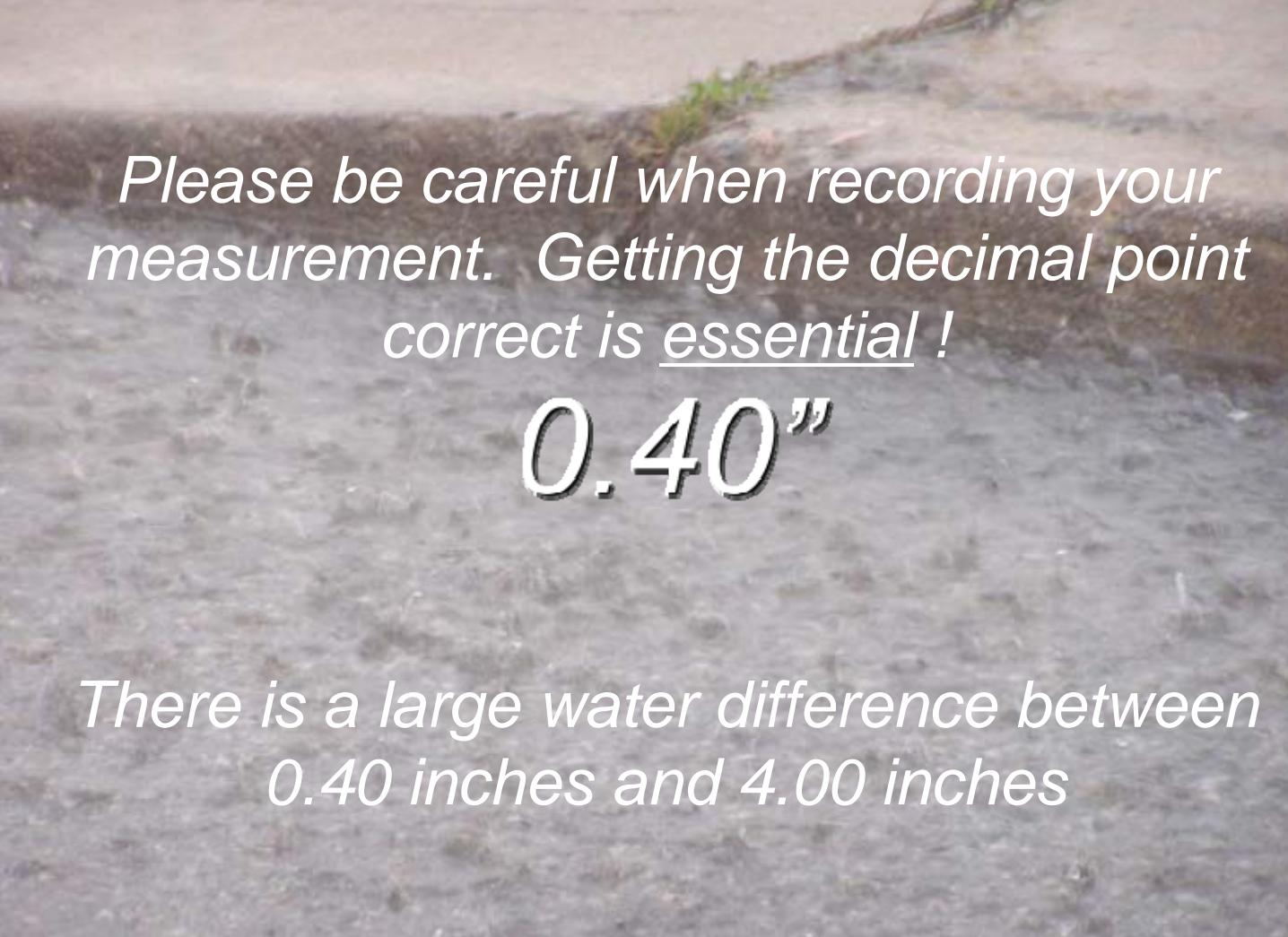
This example shows an “N” for North

Measuring Rainfall with your Gauge

*“Accuracy and
consistency
are very important”*



A Word about Decimals



Please be careful when recording your measurement. Getting the decimal point correct is essential !

0.40"

*There is a large water difference between
0.40 inches and 4.00 inches*

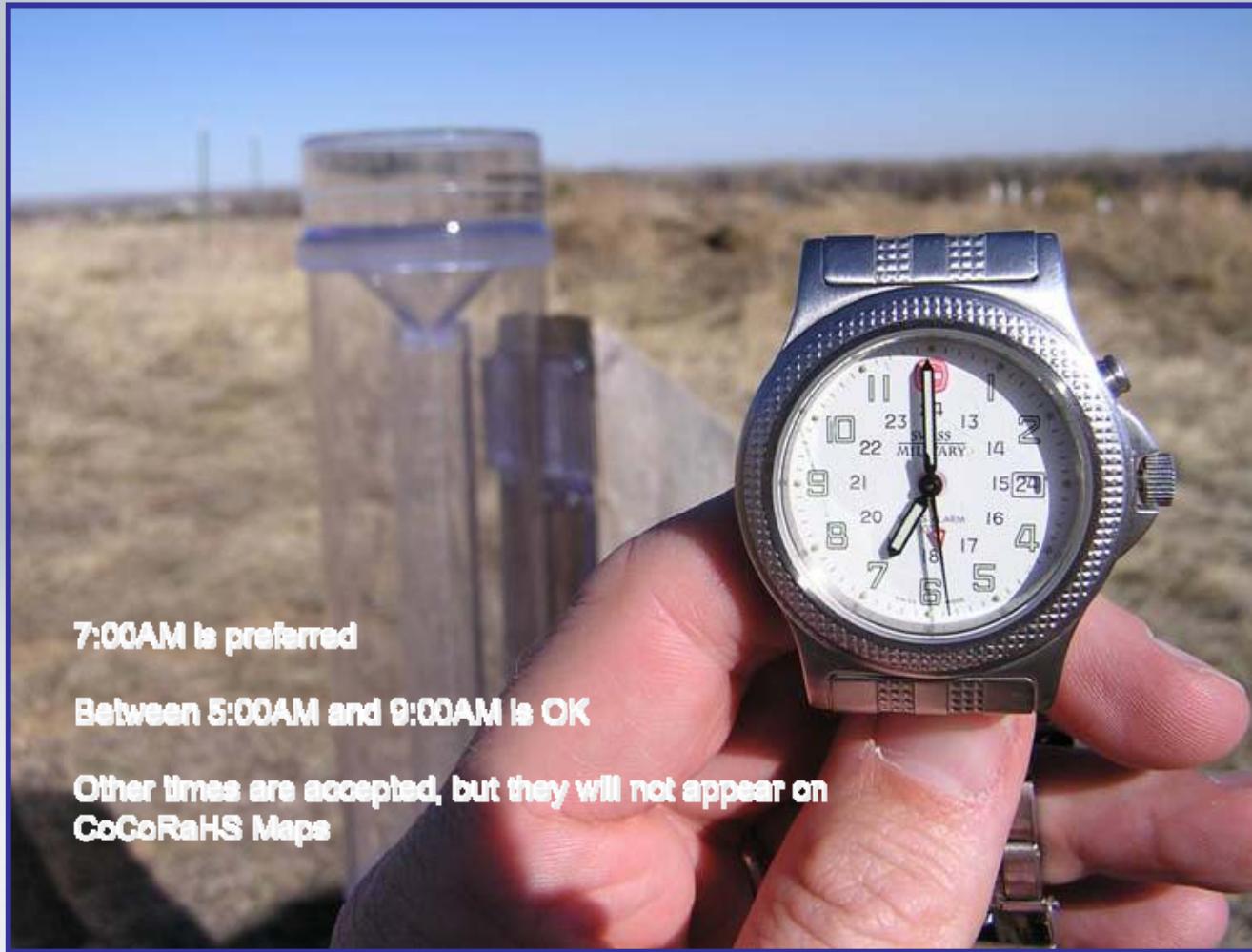
Please do not round up

*It is very important to record as accurately
to the nearest hundredth of an inch.*

Please do not round up to the nearest tenth!

*If you measured **0.98"** please record that amount.
Do not record it as **1.00"***

When should we take our observations?



7:00AM is preferred

Between 5:00AM and 9:00AM is OK

Other times are accepted, but they will not appear on
CoCoRaHS Maps

Reading your Gauge

*Here are the most
common situations you
will encounter*



YOUR MOST COMMON OBSERVATION WILL BE . . .

ZERO 0.00"

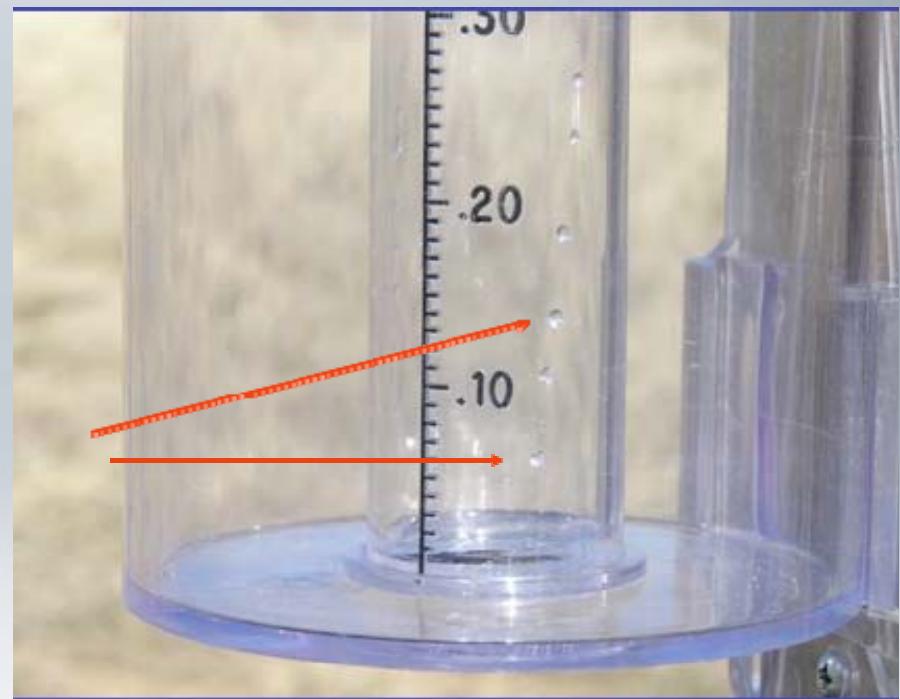
*It is important to know
where it did NOT rain.*

Please report zeros!



Trace “T”

*“When only a drop or two
wet the gauge record “T”
for Trace*



Between “7”
and
“one tenth”
of an inch

“That’s **0.04**” or four
hundredths



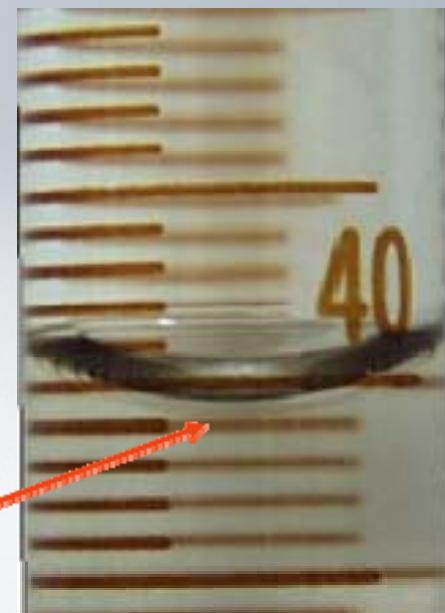
The Meniscus

The surface of the water in the gauge looks curved.

How do I know where to read?

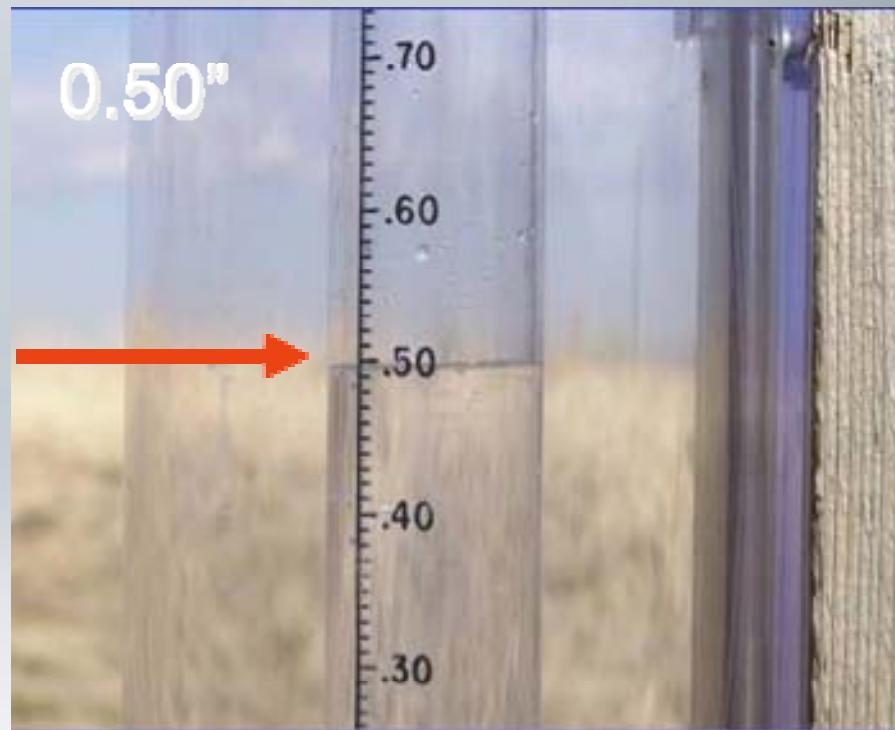
As water fills up the measuring tube, a curved surface is formed called a meniscus. It is formed by the surface tension of a liquid in contact with the sides of the tube.

Always read the bottom of the **meniscus**, when making your daily rain measurements.



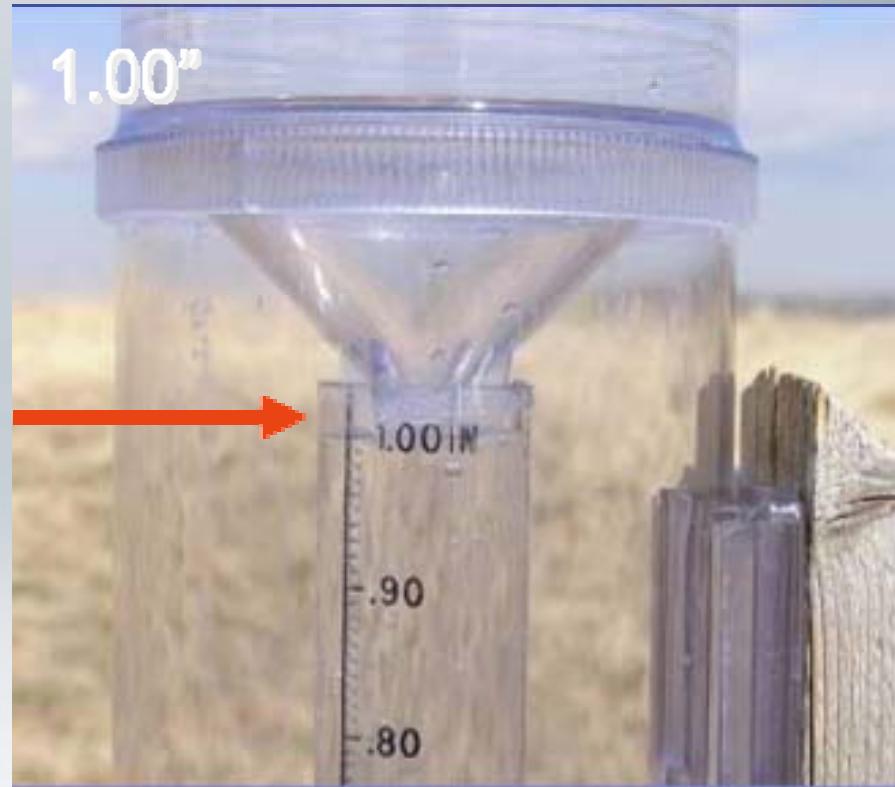
A nice soaking rain

*“This is “one half” inch and
is
recorded as 0.50”*



A really good rain !

*"This is "one inch" and is
recorded as 1.00"*





IF THERE IS VERY HEAVY RAIN OR SNOW FALLING

PLEASE submit a

“Significant Weather Report”
via the CoCoRaHS website -- ASAP

*Your report immediately goes to
your National Weather Service
Office*

*Your report provides them with
much needed information to
issue severe weather statements
such as flash flood warnings and
these can save lives!*

The screenshot shows the CoCoRaHS website interface for entering significant weather reports. The top navigation bar includes links for Home, States, View Data, Maps, My Data, My Account, and Logout. The main content area is titled "My Data Entry : Significant Weather Report Form". A notification box at the top right contains the message: "Use this form to report heavy rain or snow that has just fallen, or is still falling." Below this is a "Significant Weather Report" section with fields for Station Number (CO-LR-610), Station Name (Fort Collins 3.5 SW), and Observation Date/Time (9/19/2009, 5:15 PM). There are also dropdown menus for "Minutes" and "Time duration that the report covers". The "Rain" section includes fields for "New Rain and Melted Snow" depth (1.25 inches) and "Total Precipitation, rain and melted snow, since storm began" depth (1.25 inches). The "Snow" section includes fields for "Depth of New Snow" (inches) and "Total depth of snow and ice on ground at the time of this observation" (nearest half inch).

Lot's of rain !!

*When more than an inch
of rain falls the
precipitation will overflow
into the outer cylinder.*

*The whole gauge has a
capacity to hold eleven
inches.*



To measure greater than one inch . . .



Pour out the first inch from the inner tube and write it down.



Pour the remaining water into the funnel and measure the inner tube.



Continue until all of the water has been measured. Make sure you keep track of your measurements along the way.

Finally add up all of your measurements

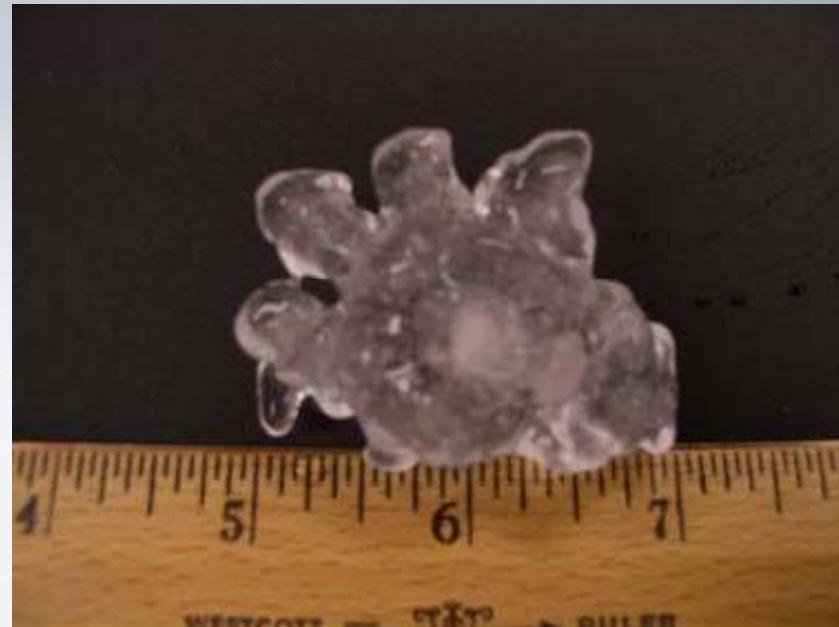
$$\begin{array}{r} 1.00 \text{ inch} \\ 0.97 \text{ inches} \\ 0.88 \text{ inches} \\ + 0.92 \text{ inches} \\ \hline \text{Total = 3.77"} \end{array}$$



Observing Hail



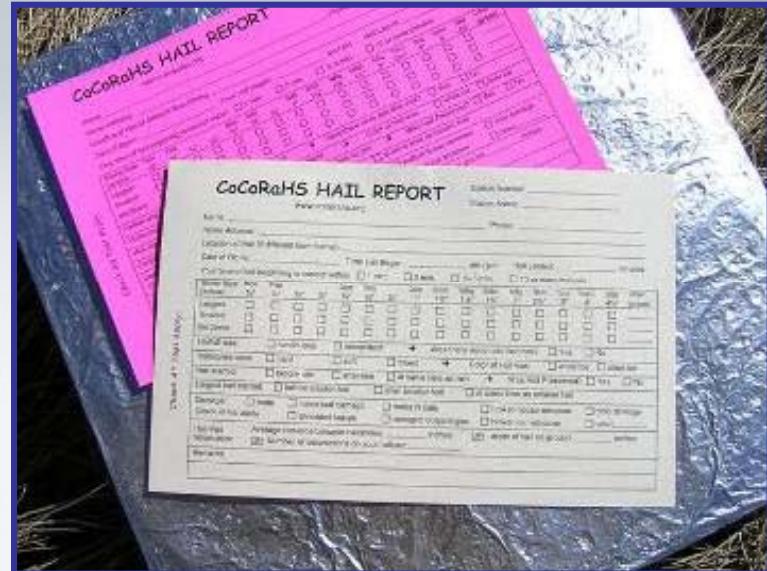
Three Steps



As hail is falling

*Fill out your
“CoCoRaHS Hail Report
Card”*

*After the storm is over
attach it onto the back of
the pad*



If possible submit an
**“On-Line
Hail Report”**

as soon as possible

(a hail pad is not required to submit a report)

*Your report goes right to
the National Weather
Service.*

*It provides them with
much needed information
to issue severe weather
statements.*



Photo by Carl Whitehurst

weather.gov

National Weather Service

Watches, Warnings & Advisories

Local weather forecast by "City, St" or zip code City, St

Special Weather Statement

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX
225 PM CDT SAT OCT 3 2009

TXZ226-235-032015-
JACKSON-WHARTON-
225 PM CDT SAT OCT 3 2009

...SPECIAL WEATHER STATEMENT...

AT 222 PM CDT...NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED A STRONG THUNDERSTORM OVER EXTREME NORTHWESTERN JACKSON COUNTY...MOVING EAST SOUTHEAST AT 15 MPH.

HAIL UP TO ONE HALF INCH IN DIAMETER...BRIEF HEAVY DOWNPOURS...ARE POSSIBLE WITH THIS STORM.

After the storm if you have a hail pad

Drop off or send in your hail pad for analysis

In several states you can pick-up a new hail pad at one of our drop-off locations in your community.

If your state is not participating in the hail pad portion of the program you can still order a pad on-line through one of our rain gauge distributers.



Measuring Snow

“Snow is good”

- Nolan Doesken



Two ways in which snow is measured

Our observers measure:

1. Liquid water content of snow
 - from the gauge
 - from a core sample
2. Depth of snow
 - 24 hour snowfall accumulation
 - existing snow depths



YOU CAN LEARN MORE ABOUT SNOW
MEASUREMENT BY VIEWING OUR
“IN DEPTH” SLIDESHOW ON THE WEB



Section Two

Reporting Observations

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 *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 [?](#)

www.cocorahs.org

The CoCoRaHS Web site

Community Collaborative Rain, Hail & Snow Network
"Because every drop counts"

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- State Newsletters

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Join CoCoRaHS
Click Here

TRAINING SLIDE-SHOWS

Things to know about...

- Rain
- Hail
- Snow

Daily Precipitation (inches x.xx) USA 12/14/2009

0.0
Trace
0.00 - 0.08
0.09 - 0.16
0.17 - 0.39
0.40 - 0.93
0.94 - 1.40
1.41 - 1.55

weatherwise

Read the "CoCoRaHS Article" and find out more about Weatherwise Magazine

National Oceanic and Atmospheric Administration
NOAA

Brought to you by

YOUR DAILY “24 HOUR” OBSERVATION

Click on “My data” from the top menu bar

 COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK
“Because every drop counts”

Home | States | View Data | Maps My Data | My Account | Admin | Logout

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

4/27/2009 *Observation Date ?

7:00 AM *Observation Time ?

0.27 *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) ?
Brief heavy shower over night with gusty winds. Lots of lightning off to the north.

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 ?

Enter the total precipitation measured in your gauge.
Record your measurement in hundredths (0.00")

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

Home | States | View Data | Maps My Data | My Account | Admin | Logout

My Data Entry : Daily Precipitation Report Form

Precipitation Report Form

Station Number : CO-LR-610

Station Name : Fort Collins 3.5 SW

* Denotes Required Field

4/27/2009 *Observation Date ?
7:00 AM *Observation Time ?

*Rain and Melted Snow to the nearest hundredth inch that has fallen in the gauge during the past 24 hours ? **Record your measurement in hundredths (0.00)**

Yes No Report was taken at registered location?

Observation Notes: (This will be available to the public) ?
Brief heavy shower over night with gusty winds. Lots of lightning off to the north.

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 ?

You can enter comments under “notes”

These are very helpful to augment your observation

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

Home | States | View Data | Maps My Data | My Account | Admin | Logout

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

4/27/2009 *Observation Date [?](#)

7:00 AM *Observation Time [?](#)

0.27 *Rain and Melted Snow to the nearest hundredth inch that has fallen in the gauge during the past 24 hours [?](#)

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Brief heavy shower over night with gusty winds. Lots of lightning off to the north.

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 [?](#)

Submit your report

Click “Submit Data” and your observation is recorded on our site

My Data Entry : Daily Precipitation Report Form

Precipitation Report Form

Station Number : CO-LR-610

Station Name : Fort Collins 3.5 SW

* Denotes Required Field

4/27/2009 *Observation Date ?
7:00 AM *Observation Time ?
0.27 *Rain and Melted Snow to the nearest hundredth inch that has fallen in the gauge during the past 24 hours ?
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Brief heavy shower over night with gusty winds. Lots of lightning off to the north.

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

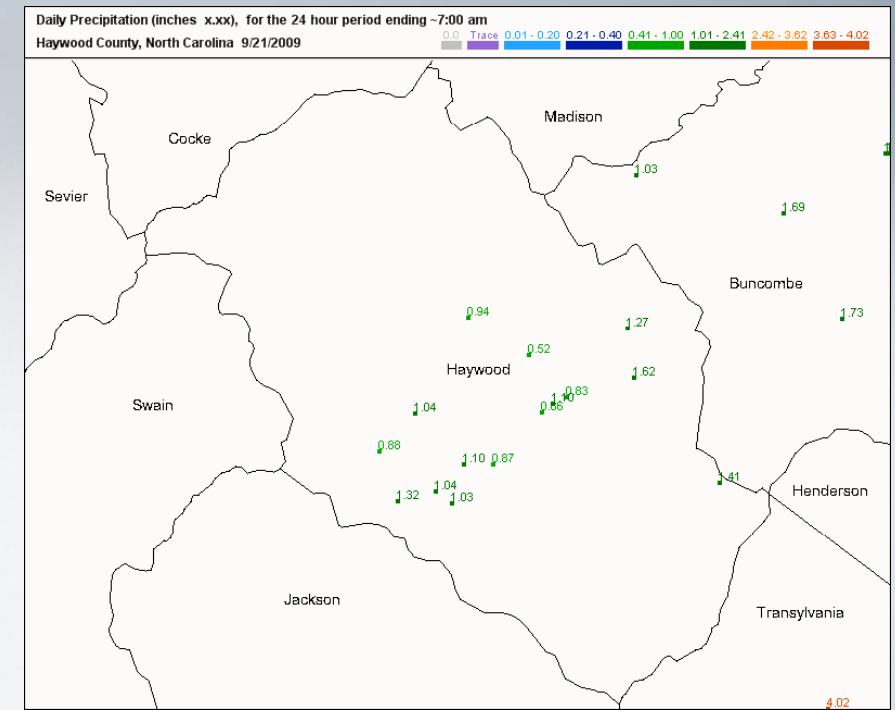
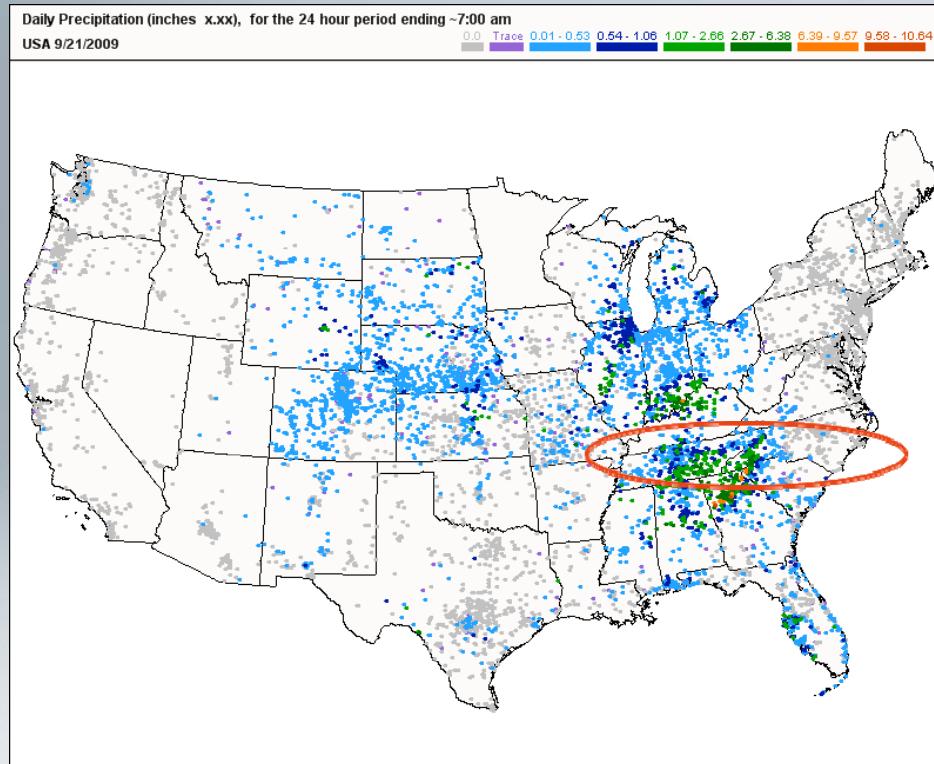
NA Depth of total snow and ice (new and old) in inches to the nearest half inch ?
NA Melted value from core to the nearest hundredth ?

Duration Information

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

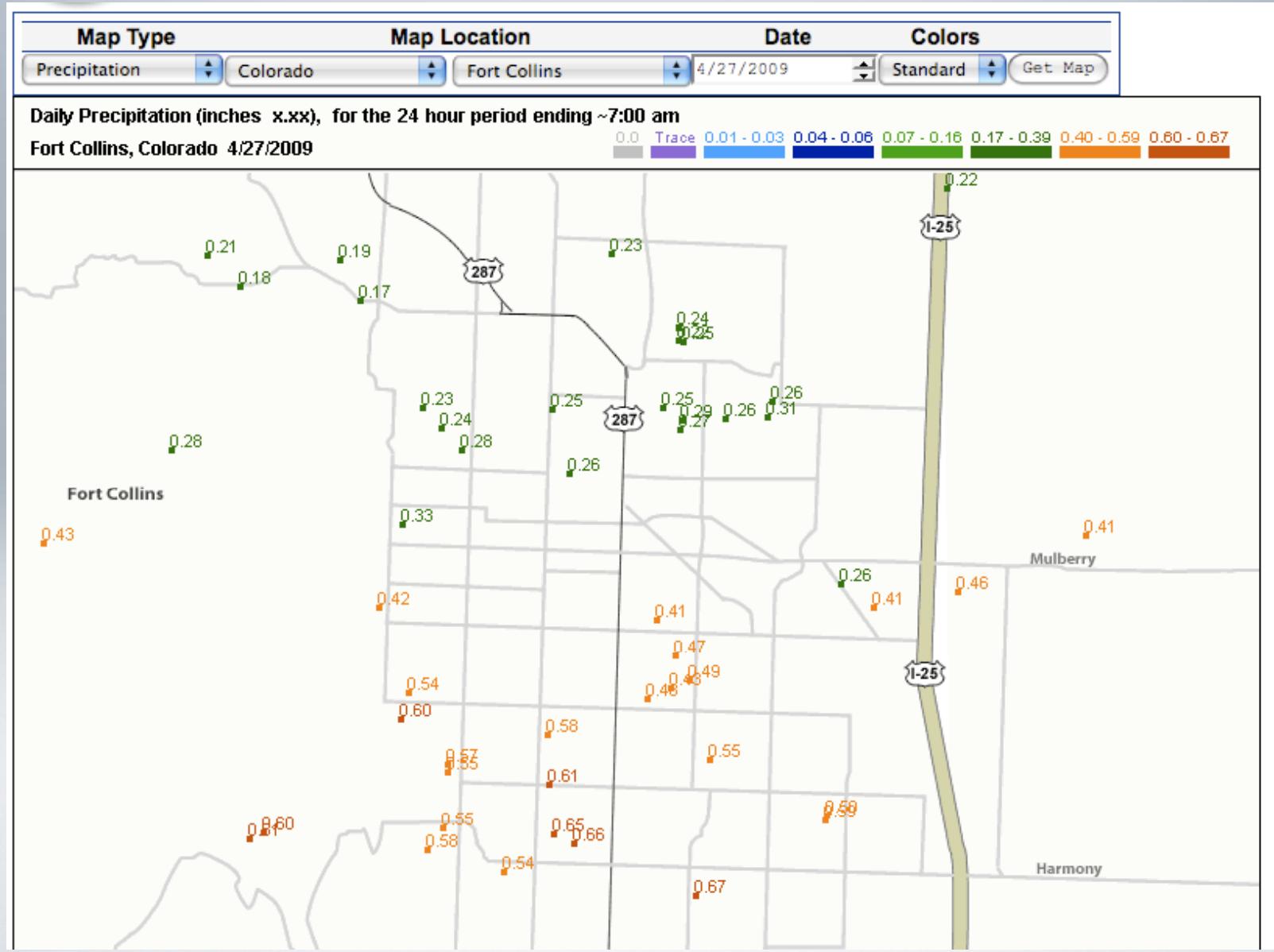
To see your Observation on our maps

Click on your state from our main page and then click on your county



Observations are available (and sortable) in table form by clicking on “View Data” from the main menu.

A sample map from Fort Collins, Colorado



For Info on what is happening in your state visit your state page

Community Collaborative Rain, Hail & Snow Network
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Illinois

Daily Precipitation (inches x.xx)
Illinois
10/3/2009

0.0
Trace
0.00 - 0.06
0.07 - 0.12
0.13 - 0.30
0.31 - 0.73
0.74 - 1.10
1.11 - 1.23

[View Large Map](#)

Welcome to CoCoRaHS in Illinois!

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[Illinois CoCoRaHS Forum](#)

[Illinois Newsletter Archive](#)

Map of Rainfall in Midwest Sept. 12-15, 2008

Map of Rainfall in Midwest with Remnants of Hurricane Gustav Sept. 4-7, 2008

Other Important Reports

Hail Report

Intense Precipitation Report (Rain and Snow)

Monthly Zeros

Multi-Day Precipitation Report

Hail Report

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

Home | States | View Data | Maps My Data | My Account | Admin | Logout

My Data Entry : Hail Report Form

Hail Report Form Submit Data Reset

Station Number : CO-LR-610

Station Name : Fort Collins 3.5 SW

* Denotes Required Field

Date of Hail Storm ?
4/1/2009 4:55 PM Time Hail Storm Began ?

Yes No Report was taken at registered location?

Size of hailstones

Smallest: Rice ?
Average: 1" Quarter Size ?
Largest: 1 3/4" Golf Ball Size ?

Hail Lasted
10 Minutes This time is accurate within 1 min. ?

Hailfall was: Continuous Intermittent

Hailstones were:
(Check all that apply)
 Hard Soft Mixed (Hard & Soft) Clear Ice White Ice

Was there more rain than hail? Yes No

Hail Started:
 Before rain After rain Same time as rain

Largest Hail Started

The "Hail" option in the "Enter My New Reports" sidebar is circled in red.

Monthly Zeros Report

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

Home | States | View Data | Maps My Data | My Account | Admin | Logout

My Data Entry : Monthly Zeros Form

Monthly Zeros Submit Reset

Station Number : CO-LR-610 Station Name : Fort Collins 3.5 SW

April 2009						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
			Precip: 0	Precip: T	Precip: 0	Precip: 0.65
5	6	7	8	9	10	11
Precip: 0.05	<input checked="" type="checkbox"/> 0.0 Precip	Precip: 0	<input checked="" type="checkbox"/> 0.0 Precip			
12	13	14	15			
Precip: T	Precip: 0.02	Precip: 0	Precip: 0			
19	20	21	22			
Precip: 0.12	Precip: 0	Precip: 0	Precip: 0			
26	27	28	29			
Precip: 0.06	Precip: 0.60					
3	4	5	6			

Enter My New Reports

- Daily Precipitation
- Hail
- Intense Precipitation
- Multi-Day Accumulation
- Monthly Zeros

List/Edit My Reports

- Daily Precipitation
- Hail
- Intense Precipitation
- Multi-Day Accumulation

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

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My Data Entry : Monthly Zeros Form

Monthly Zeros Submit Reset

Station Number : CO-LR-610 Station Name : Fort Collins 3.5 SW

April 2009						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
			Precip: 0	Precip: T	Precip: 0	Precip: 0.65
5	6	7	8	9	10	11
Precip: 0.05	Precip: 0	Precip: 0	Precip: 0	Precip: 0	Precip: T	Precip: 0
12	13	14	15	16	17	18
Precip: T	Precip: 0.02	Precip: 0	Precip: 0	Precip: 0	Precip: 1.41	Precip: 1.61
19	20	21	22	23	24	25
Precip: 0.12	Precip: 0	Precip: 0	Precip: 0	Precip: 0	Precip: 0	Precip: 0.02
26	27	28	29	30	1	2
Precip: 0.06	Precip: 0.60					
3	4	5	6	7	8	9

Enter My New Reports

- Daily Precipitation
- Hail
- Intense Precipitation
- Multi-Day Accumulation
- Monthly Zeros

List/Edit My Reports

- Daily Precipitation
- Hail
- Intense Precipitation
- Multi-Day Accumulation

Click a empty box and it will automatically fill in a zero (0.00") for that day.

Don't forget to hit submit.

Significant Weather Report

(both rain and snow)

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

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My Data Entry : Significant Weather Report Form

Notification:

- Use this form to report heavy rain or snow that has just fallen, or is still falling.

Significant Weather Report Submit Data Reset

Station Number : CO-LR-610

Station Name : Fort Collins 3.5 SW

* Denotes Required Field

9/19/2009 *Observation Date

5:15 PM *Observation Time

20 Minutes Time duration that the report covers

Rain

1.25 New Rain and Melted Snow that has fallen during the report duration, in inches to the nearest hundredth

1.25 Total Precipitation, rain and melted snow, since storm began, in inches to the nearest hundredth

Snow

Depth of New Snow that has fallen during the report duration, in inches to the nearest tenth

Total depth of snow and ice on ground at the time of

Multi-Day Precipitation Form

If you are away on vacation or out of town this is the form for you.

Just put in the dates that you were gone and record what you found in the gauge.

There is no need to file an additional daily report.



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

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My Data Entry : Multi-Day Precipitation Report Form

Multiple Day Accumulation Form Submit Data Reset

Station Number : CO-LR-610

Station Name : Fort Collins 3.5 SW

4/21/2009 First day of accumulation period. This day should be one day after your last report.

4/27/2009 Date the rain gauge was emptied.

8:00 AM Time the rain gauge was emptied.

Yes No Report was taken at registered location?

0.67 Multi Day Precipitation (in inches)

0.00 Total Depth of Snow on Ground (in inches)

0.00 Core Precipitation (in inches)

Notes

Was away for six days, looks like we had some rain!

Submit Data Reset

Enter My New Reports

- [Daily Precipitation](#)
- [Hail](#)
- [Intense Precipitation](#)
- [Multi-Day Accumulation](#)
- [Monthly Zeros](#)

List/Edit My Reports

- [Daily Precipitation](#)
- [Hail](#)
- [Intense Precipitation](#)
- [Multi-Day Accumulation](#)

Section Three

Frequently asked
questions



Do I have to be home everyday
to participate in CoCoRaHS?



Answer: No. Report when you are able. If you are gone, you may leave
your gauge outside and report a multi-day total when you return

What if I don't have a good place to put my gauge?



Answer: Few people have ideal locations. do your best. Send site photos if possible to help interpret the results.

What if it hails when I'm not home ?



Answer: *We still would like your hail pad. Report as much info as you can find out from friends and neighbors.*

Do I report morning dew that has collected in my rain gauge?



Answer: No. Dew is not precipitation, but you may note the dew in the comments

How long is my commitment to CoCoRaHS ?



Answer: *Ideally, at least one season, but the longer you contribute, the more valuable the data become.*

I have an automated weather station with a rain gauge. Can I use that instead of the CoCoRaHS gauge ?



Answer: In order to accurately compare CoCoRaHS reports, all observers must use the 4-inch CoCoRaHS gauge. Automated rain gauges tend to underestimate a heavy rainfall and do not accurately measure water content of snow. You are welcome to place the automated gauge beside the 4-inch gauge to compare measurements, but report what falls in the 4-inch gauge.

You are now Ready to measure precipitation
for the CoCoRaHS Network



Thanks for being one of our volunteer observers!

