

Training Slide Show "Because every drop counts!"

What is CoCoRaHS?

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

all ages and backgrounds







... who take daily measurements of <u>precipitation</u> 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

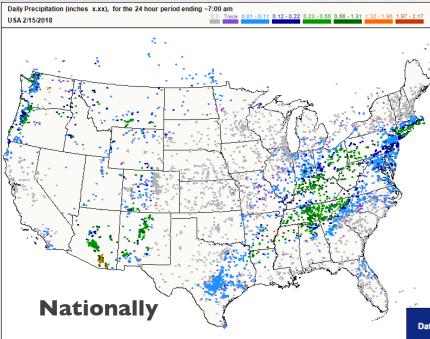
Volunteers report their daily observations on our interactive Web site or using our CoCoRaHS mobile App

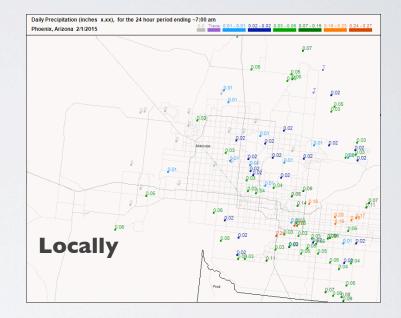
ORAHS COMM	IUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK	1	
	"Because every drop counts" 💽 💽 🔚 🛅 Home Countries States View Data Maps — My Data My Account Admin Logout		
	Welcome to CoCoRaHSI "Volunteers working together to measure precipitation across the nations."		
Main Menu	CoCoRaHS March Madness 2018		
Home			
About Us Join CoCoRaHS	March 1–31, 2018		
<u>Contact Us</u> <u>Donate</u>	How many new volunteers can you recruit in your state?		
Resources	Reports received today 2/15/2018 as of 4:52 PM EST TRAINING		
FAQ / Help Education	Daily Multi-day SigWx Hall Condition ET SLIDE-SHOW 8,531 108 4 0 8 9	75	
 Training Slide-Shows 	E Things to know about.		
Videos Condition Monitoring Evapotranspiration	7 (inches x.xx)		
Evapotranspiration Soil Moisture	2152018 V Rain		
Volunteer Coordinators	🔼 🖌 Hail		
Hall Pad Distribution/Drop-off	*. Spo	w	
Help Needed Printable Forms			
The Colum	275-177		
<u>The Catch</u> Message of the Day Publications	TR-244	the re	
CoCoRaHS Blog Web Groups	217-216 217-216		
State Newsletters Master Gardener Guide	Canada Canada	ay	
State Climate Series March Madness	My Data Entry : Daily Precipitation Report Form		
WxTalk Webinars	,,,		
Sponsors Links	Precipitation Report Form	Submit Data	Reset
CoCoRaHS Store	Station Number : CO-LR-610		
AND LCC LD ODS	Station Name : Fort Collins 3.5 SW		
AMBASSADOR	* Denotes Required Field		
WEATHER-READY NATION	4/24/2009 🛨 *Observation Date 🎯		
Contraction of the local division of the loc	7:00 AM 🔹 *Observation Time 🞱		
	*Rain and Melted Snow to the nearest hundredth i	nch that has fallen in f	the
	gauge during the past 24 hours @		
	• Yes O No Report was taken at registered location?		
	Observation Notes: (This will be available to the public)		
	Heavy rain last evening. Several tree branches		
	off due to high winds. We sure needed that rai	ni	
	New Snowfall		
	st 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 inche	es to the nearest half in	nch 🞯
	NA Melted value from core to the nearest hundredth	2	



Immediately viewable

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





Date	Time	Station Number	Station Name	Total Precip in. ▲	New Snow in. 禁 ()	Total Snow in. ₩ ()	State	County	View	🖻 Maps
2/15/2018	7:00 AM	AZ-PM-109	Sahuarita 2.6 WNW	1.79	NA NA	NA NA	AZ	Pima	0	Classic New
2/15/2018	7:00 AM	AZ-PM-14	Tucson 1.5 NNE	1.60	NA NA	NA NA	AZ	Pima	4	Classic New
2/15/2018	7:00 AM	AZ-PM-313	Sahuarita 3.0 WSW	1.60	NA NA	NA NA	AZ	Pima	۵,	Classic New
2/15/2018	7:00 AM	AZ-PM-311	Green Valley 1.1 NW	1.43	NA NA	NA NA	AZ	Pima	۵,	Classic New
2/15/2018	7:00 AM	AZ-PM-172	Green Valley 3.9 NE	1.41	NA NA	NA NA	AZ	Pima	۵,	Classic New
2/15/2018	9:20 AM	AZ-PM-152	Tucson 9.7 ESE	1.40	NA NA	NA NA	AZ	Pima	<u> </u>	Classic New
2/15/2018	7:00 AM	AZ-PM-10	Tucson 8.4 ESE	1.39	NA NA	NA NA	AZ	Pima	۵,	Classic New
2/15/2018	7:00 AM	AZ-PM-272	Green Valley 2.7 NNE	1.39	NA NA	NA NA	AZ	Pima	<u> </u>	Classic New
2/15/2018	7:00 AM	AZ-PM-269	Green Valley 1.2 W	1.38	NA NA	NA NA	AZ	Pima	<u> </u>	Classic New
2/15/2018	8:36 AM	AZ-PM-204	Vail 8.6 SSE	1.36	NA NA	NA NA	AZ	Pima	۵,	Classic New



Great question!





Precipitation is important and highly variable

Data sources are few and rain gauges are far apart

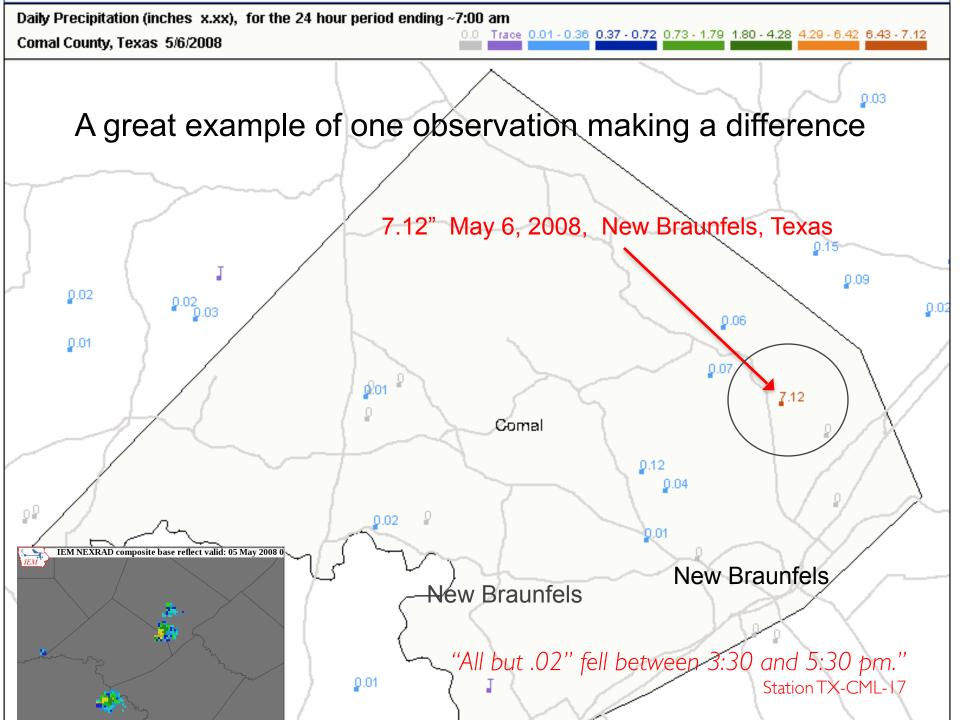
Measurements from many sources are not always accurate (especially snow)



There is almost no quantitative data being collected about hail



Storm reports can save lives





Quality Precipitation Data & Educational Opportunities

to help the public better understand weather and climate

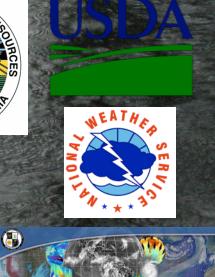
Examples of CoCoRaHS data users

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

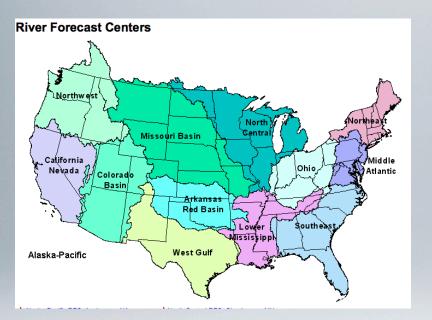






NAVAL RESEARCH LABORATORY

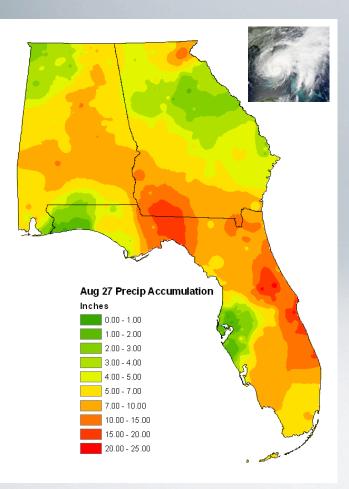
NOAA's River Forecast Centers



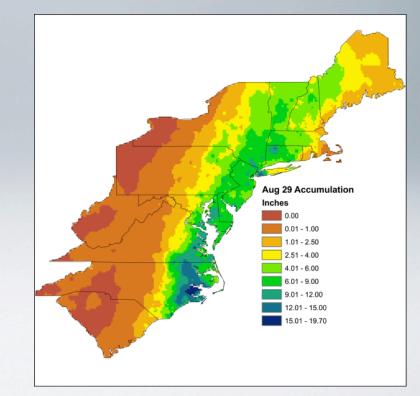


"Your data has filled in the holes in our NWS/USGS gage network. It also is used to improve the bias used in our Multisensor Precip Estimates. The more ground truth - the more accurate our river forecasts are." Patricia Wnek – Mid Atlantic River Forecast Center

NOAA's National Hurricane Center -Tropical system post storm analysis



"We use the CoCoRaHS data in our post-storm summary to describe the overall impacts of a tropical cyclone event." Dan Brown - National Hurricane Center



2008 – Tropical Storm Fay

2011 – Hurricane Irene

NOHRSC – National Operational Hydrologic Remote Sensing Center Snow water equivalent (SWE) for Snowpack monitoring -- getting a heads up on snowmelt

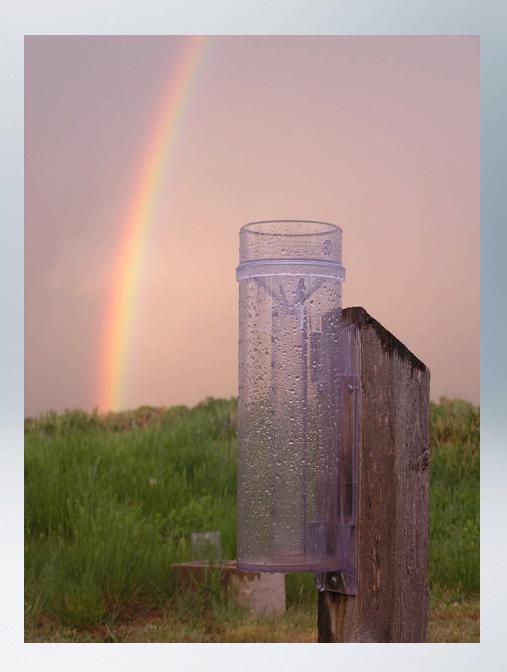


Photo: Washington Post Souris River, Minot, ND

Often, over 50% of their snow observation reports come from CoCoRaHS observers

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 with your gauge

c) Illustrate how to observe hail

d) Describe measuring snow depth and water content



Placement of your gauge

"Location is the key to good data"









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



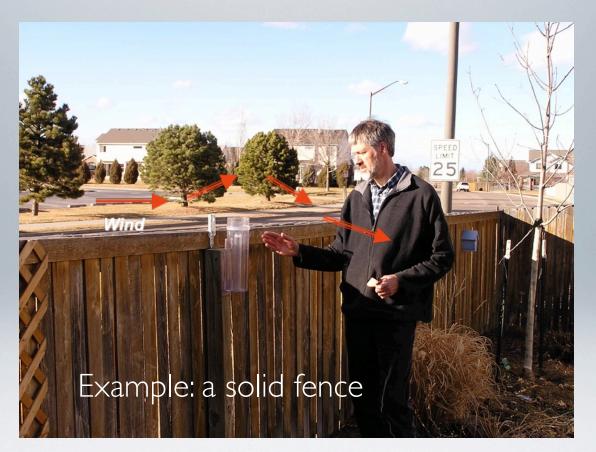
Any steep slopes (a bit exaggerated)



Animals (dogs, birds ... bears!)



Avoid anything that would artificially increase or decrease your catch gauge



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

residential







Ideal placements for your gauge



urban

Distance from Obstacles

In <u>open areas</u> strive to be <u>twice as far</u> from obstacles as they are high.

In <u>developed areas</u> strive to be <u>as far</u> from obstacles as they are high.

Distance between Trees

Ideally, place your gauge equidistant from the nearest trees



Height above the ground

In <u>open areas</u> place the gauge top approx. 2 feet off the ground

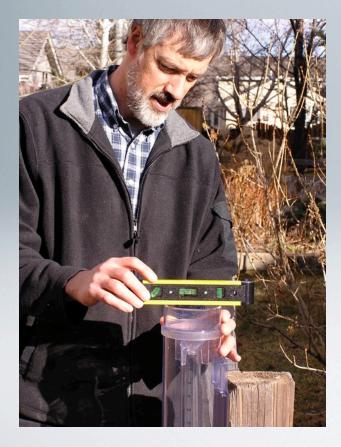
In <u>developed areas</u> place the gauge top approx. 5 feet off the ground





Level and Bevel

Make sure that your gauge is level

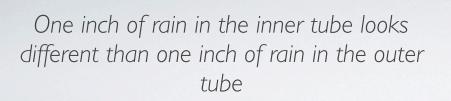


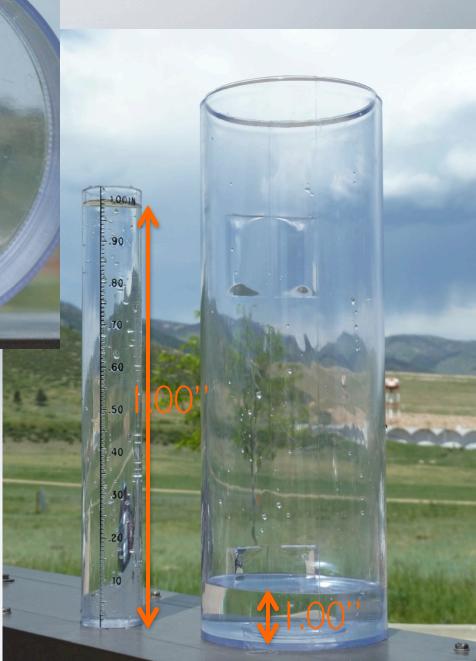


Bevel the top of the post to reduce rain splashing into the gauge Measuring Rainfall with your Gauge

"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 <u>nearest hundredth</u> 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?





Here are the most common situations you will encounter



YOUR MOST COMMON OBSERVATION WILL BE ...

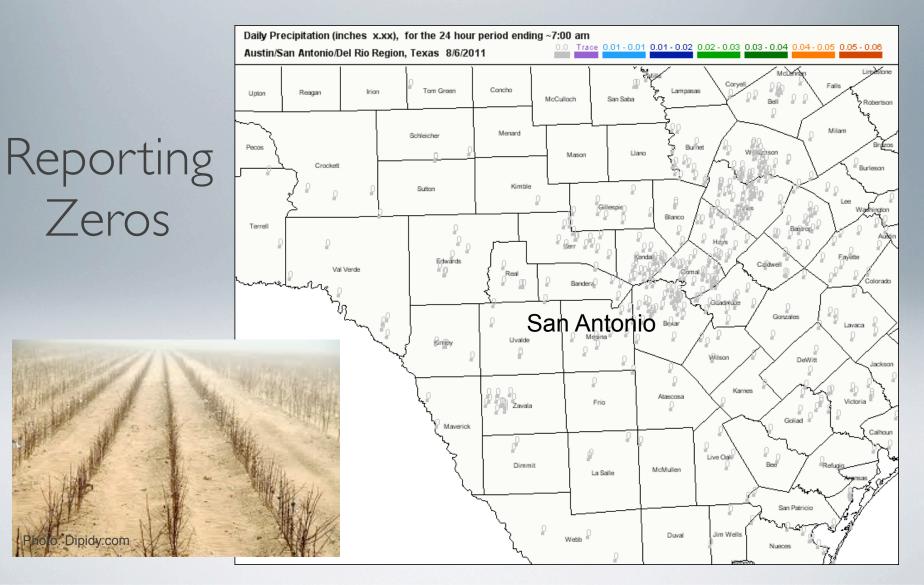
ZERO **0.00**"

It is important to know where it did <u>NOT</u> rain.

Please report zeros!



Texas Drought 2011

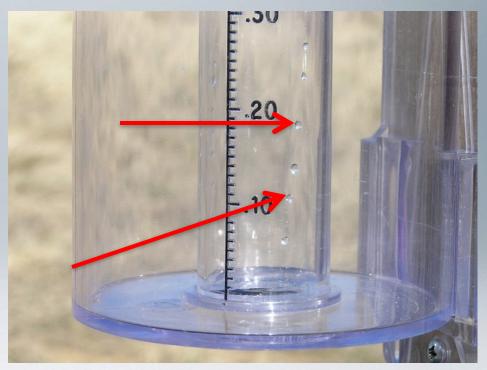


Trace "T"

When only a drop or two wet the gauge record "T" for Trace

OR

A sprinkle of rain or a few flakes of snow observed at your location should be reported as a Trace for your next observation, even if it does not fall in the rain gauge.



Between "**T**" and "one tenth" of an inch

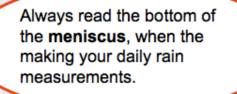
"That's **0.04**" or four hundredths

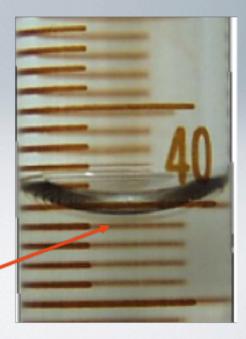


The Meniscus

The surface of the water in the gauge looks curved. How do I know where to read?

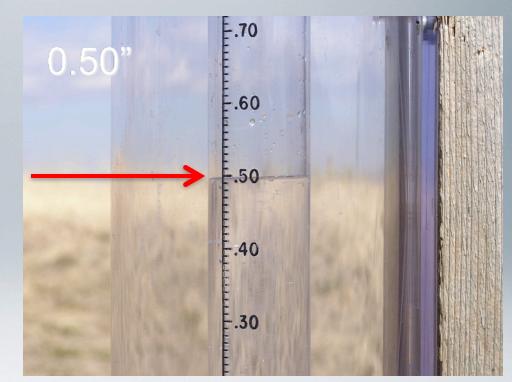
As water fills up the measuring tube, a curved surface is formed called a meniscus. It is formed by the surface tension of a liquid in contact with the sides of the tube.





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"



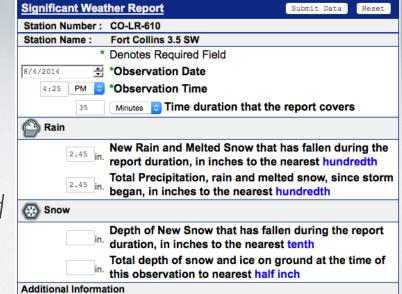


IF THERE IS VERY HEAVY RAIN OR SNOW FALLING

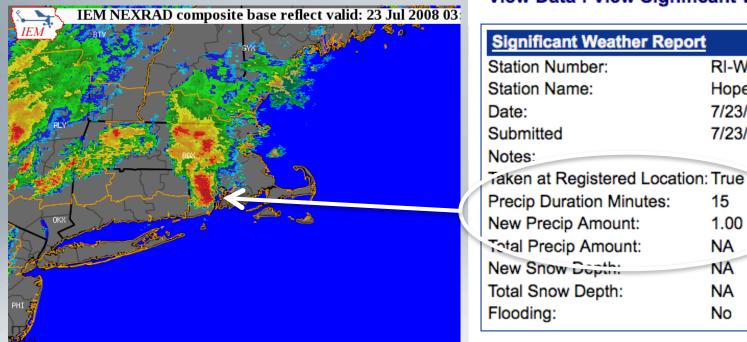
PLEASE submit a "Significant Weather Report" via the CoCoRaHS website -- <u>ASAP</u>

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!



Significant Weather Reports



View Data : View Significant Weather Report

RI-WS-1

15 1.00

NA

NA

NA

No

Hope Valley 3.7 S 7/23/2008 3:15 PM

7/23/2008 3:23 PM

July 23, 2008 – "A CoCoRaHS observer in Hope Valley, RI provided an intense rainfall report which led to the issuance of a timely Flash Flood Warning. Life threatening urban flooding was reported in Warwick and Providence at the start of the evening rush hour, where several cars were stranded in more than 2 feet of water, requiring people to be rescued. Lead time would have been much less without the CoCoRaHS report." - Joe Dellicarpini, NWS Taunton, MA

Lots 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

1.00 inch
 0.97 inches
 0.88 inches
 + 0.92 inches
 Total = 3.77"



Observing Hail





(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 for the issuing of severe weather statements.



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.



"Snow is good" - Nolan Doesken



Two ways in which snow is <u>measured</u>

Our observers measure:

I. Liquid water content of snowfrom 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

"In Depth" Snow Measuring



My Data Entry : Daily Precipitation Report Form

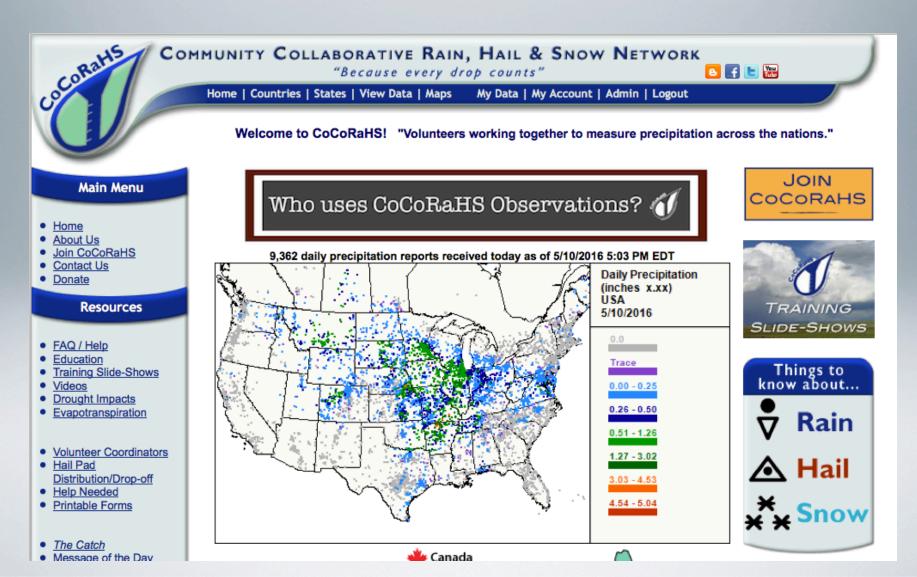
Precipitation Re	<u>port Form</u>	ubmit Data	Reset
Station Number :	CO-LR-610		
Station Name :	Fort Collins 3.5 SW		
*	Denotes Required Field		
5/17/2014	*Observation Date 🧐		
7:00 AM \$	*Observation Time 🥝		
0.50	*Rain and Melted Snow to the nearest hundredth inch that I	has fallen i	n the
0.59 in.	gauge during the past 24 hours, or T for trace, or NA for un	known. 🥝	
Observation Not	es: (This will be available to the public)		
	Quick thunderstorm dumped over a half of inch of rain. Tree branches down do to windy conditions.		
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 r	nearest half	inch @
	Melted value from core to the nearest hundredth @		

Section Two

Reporting Observations

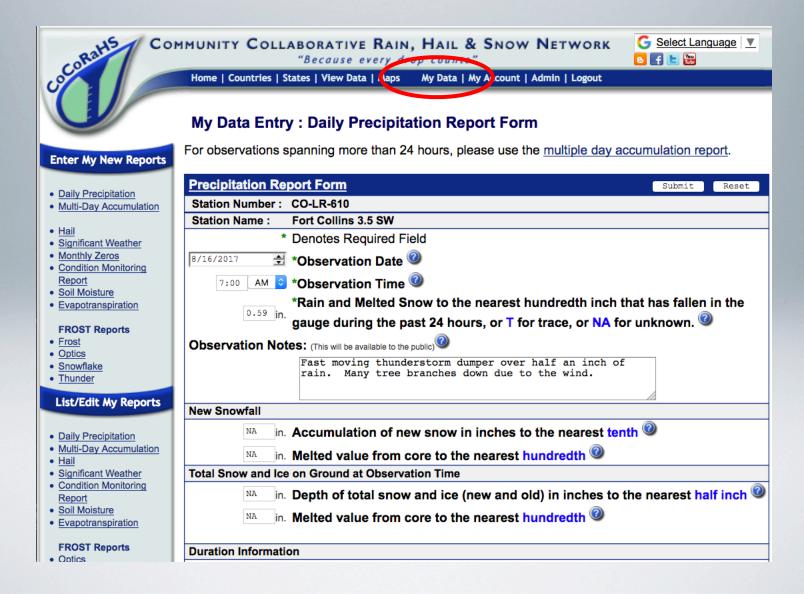
www.cocorahs.org

The CoCoRaHS Web site



YOUR DAILY "24 HOUR" OBSERVATION

Click on "My data" from the top menu bar



Enter the total precipitation measured in your gauge. Record your measurement in hundredths (0.59'')

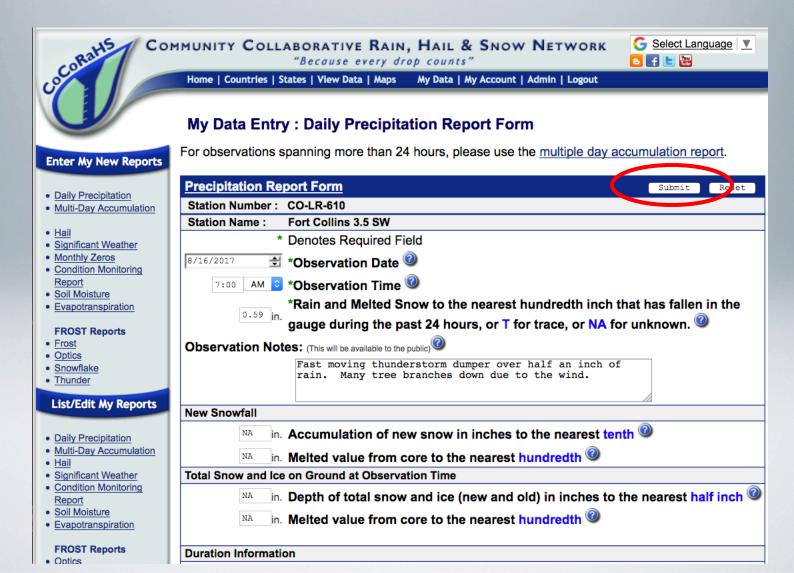
CoRatts Con	MMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK "Because every drop counts"	G Select Language V			
	Home Countries States View Data Maps My Data My Account Admin Logout				
	My Data Entry : Daily Precipitation Report Form				
Enter My New Reports	For observations spanning more than 24 hours, please use the multiple day	accumulation report.			
Daily Dessistation	Precipitation Report Form	Submit Reset			
Daily Precipitation Multi-Day Accumulation	Station Number: CO-LR-610				
	Station Name : Fort Collins 3.5 SW				
Hail Significant Weather	* Denotes Required Field				
Monthly Zeros Condition Monitoring	8/16/2017 🛋 *Observation Date @	ord your measurement			
Report		indredths (0.00)			
Soil Moisture Evapotranspiration	Rain and Melted Snow to the nearest hundredth incl				
	^{0.59} in. Jauge during the past 24 hours, or T for trace, or NA for unknown.				
FROST Reports Frost	Observation Notes: (This will be available to the public)				
Optics	Fast moving thunderstorm dumper over half an inch	of			
 <u>Snowflake</u> Thunder 	rain. Many tree branches down due to the wind.				
List/Edit My Reports	New Snowfall				
Daily Precipitation	In. Accumulation of new snow in inches to the nearest to	enth @			
Multi-Day Accumulation	In. Melted value from core to the nearest hundredth				
Hail Significant Weather	Total Snow and Ice on Ground at Observation Time				
Condition Monitoring		the recent helf inch 🔞			
Report Soil Moisture	in. Depth of total snow and ice (new and old) in inches to the nearest half inch 🧐				
Evapotranspiration	in. Melted value from core to the nearest hundredth @				
FROST Reports	Duration Information				
Optics					

You can enter comments under "notes" These are very helpful to augment your observation

Coconatts Con	MMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK "Because every drop counts"
0	Home Countries States View Data Maps My Data My Account Admin Logout
	My Data Entry : Daily Precipitation Report Form
Enter My New Reports	For observations spanning more than 24 hours, please use the <u>multiple day accumulation report</u> .
Daily Precipitation	Precipitation Report Form Submit Reset
<u>Multi-Day Accumulation</u>	Station Number: CO-LR-610
• Hail	Station Name : Fort Collins 3.5 SW
Significant Weather	* Denotes Required Field
Monthly Zeros Condition Monitoring	8/16/2017 🛨 *Observation Date 🥝
Report	7:00 AM ᅌ *Observation Time @
Soil Moisture Evapotranspiration	*Rain and Melted Snow to the nearest hundredth inch that has fallen in the
	^{0.59} in. gauge during the past 24 hours, or T for trace, or NA for unknown.
FROST Reports Frost	
Optics	Fast moving thunderstorm dumper over half an inch of
Snowflake Thunder	rain. Many tree branches down due to the wind.
List/Edit My Reports	New Snowfall
Daily Precipitation	NA in. Accumulation of new snow in inches to the nearest tenth @
Multi-Day Accumulation Hail	In. Melted value from core to the nearest hundredth
Significant Weather	Total Snow and Ice on Ground at Observation Time
<u>Condition Monitoring</u> Report	in. Depth of total snow and ice (new and old) in inches to the nearest half inch @
Soil Moisture	NA in. Melted value from core to the nearest hundredth @
Evapotranspiration	Interfed value from core to the hearest hundreath 🤝
FROST Reports Optics 	Duration Information

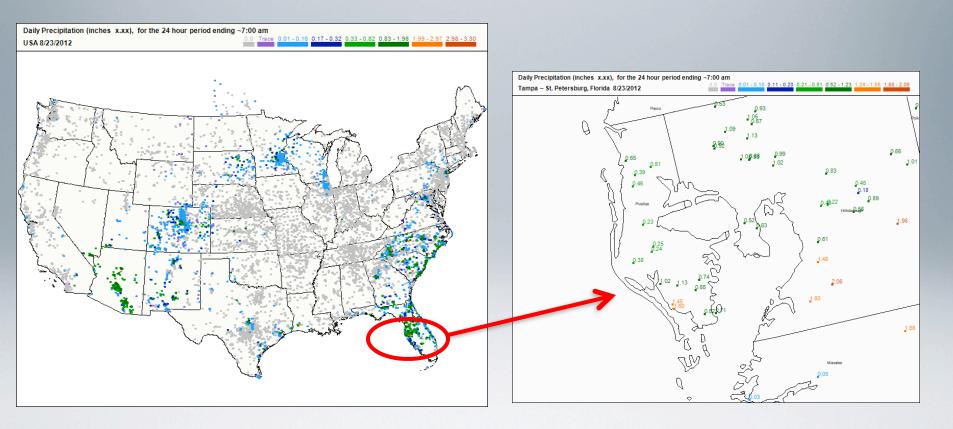
Submit your report

Click "Submit Data" and your observation is recorded on our site

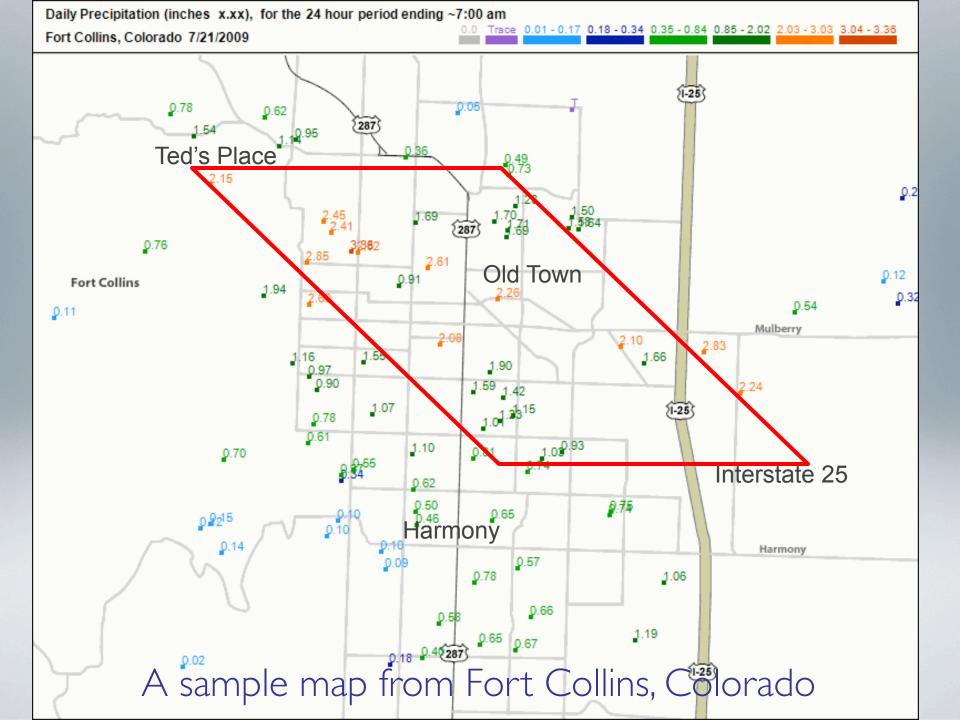


To see your Observation on our maps

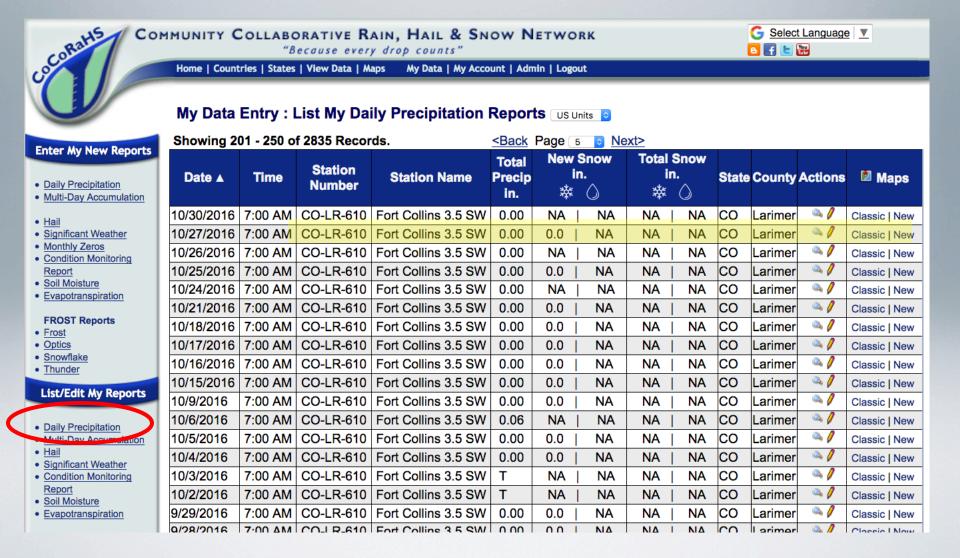
Click on your state from our main page and then click on your county



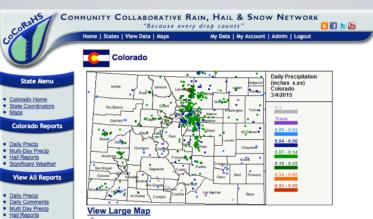
Observations are available (and sortable) in table form by clicking on "View Data" from the main menu.



Re-entering an erroneous report



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



View Large Map

 Significant Weather . Rainy Days Stations

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COLORADO COCORAHS NEWS

Upcoming In-Person Training Sessions

There are no training sessions scheduled at the current time. View the CoCoRaHS YouTube training animations by clicking here: Training Animations and our training slideshows by clicking here: Training Slideshows

2013 Colorado Front Range Flood

For information on the historic Colorado flood event in September of 2013, check out the Colorado Climate Center's page at: 2013 FLOOD

Colorado CoCoRaHS Newsletter

View the current Colorado CoCoRaHS Newsletter



From the urban communities of Denver to the farms of Baca County, from the four corners near Cortez to the high peaks of Rocky Mountain National Park, the CoCoRaHS Network currently engages over 1,900 volunteers to measure rain, hail and snow throughout the state.

Other Important Reports

Hail Report

Significant Weather Report (Rain and Snow)

Monthly Zeros

Multi-Day Precipitation Report

Condition Monitoring Report

Hail Report

CORAHS COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK "Because every drop counts" Home States View Data Maps My Data My Account Admin Logout							
	Home States View	Data Maps	My Data My Account Admin Logout				
	My Data Entry	: Hail Report Fo	m				
Enter My New Reports	Hail Report Form	1	Submit Data Reset				
	Station Number :	CO-LR-610					
Daily Precipitation	Station Name :	Fort Collins 3.5 SW					
 Multi-Day Accumulation 	*	Denotes Required I	Field				
• <u>Hail</u>	4/26/2014	*Date of Hail Storn	n 🕐				
Significant Weather Monthly Zeros	4:50 PM \$	Time Hail Storm B	egan 🞯				
Drought Impact Report Evapotranspiration		Report was taken	at registered location?				
	Size of hailstones						
FROST Reports Frost	Smallest:	1/4" Pea Size	\$				
Optics	Average:	1/2" Grape	\$				
Snowflake Thunder	Largest:	3/4" Penny Size	\$				
Link (Edite Max Description	Hail Lasted						
List/Edit My Reports	15 Minutes	This time is accurat	e within 2 min. +				
Daily Precipitation	Hailfall was:	Continuous O In	termittent				
<u>Multi-Day Accumulation</u> Hail	Hailstones were:						
Significant Weather	(Check all that apply)						
Drought Impact Report Evapotranspiration	Hard Soft Mixed (Hard & Soft) Clear Ice White Ice						
	Was there more rain than hail? OYes ONo						
FROST Reports Optics	Hail Started:						
Frost	 Before rain 	After rain	Same time as rain				
<u>Snowflake</u> <u>Thunder</u>	Largest Hail Started						
	Before smaller	 After smaller 	○Same time as smaller				
	hail	hail	hail				

Monthly Zeros Report



Significant Weather Report

(both rain and snow)

CoCoRaHS CON	MUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK "Because every drop counts")
	Home States View Data Maps My Data My Account Admin Logout	
	My Data Entry : Significant Weather Report Form	
Enter My New Reports Daily Precipitation	 Notification: Use this form to report heavy rain or snow that has just fallen, or is still falling. 	
<u>Multi-Day Accumulation</u>	Significant Weather Report Submit Data Reset	
Significant Weather	Station Number : CO-LR-610	
Significant Weather Monthly Zeros	Station Name : Fort Collins 3.5 SW	
Drought Impact Report Evapotranspiration	* Denotes Required Field	
	9/6/2013 🕂 *Observation Date	
FROST Reports Frost	5:45 PM + *Observation Time	
Optics	20 Minutes + Time duration that the report covers	
<u>Snowflake</u> <u>Thunder</u>	A Rain	
List/Edit My Reports	Rain	
List Edit My Reports	New Rain and Melted Snow that has fallen during the in. report duration, in inches to the nearest hundredth	
Daily Precipitation Multi-Day Accumulation	Total Precipitation, rain and molted snow, since storm	
• Hail	^{1.35} in. began, in inches to the nearest hundredth	
Significant Weather Drought Impact Report		
Evapotranspiration	U	
FROST Reports	Depth of New Snow that has fallen during the report	
Optics	duration, in inches to the nearest tenth	
Frost Snowflake	Total depth of snow and ice on ground at the time of	
• <u>Thunder</u>	this observation to nearest half inch	

Multi-Day Precipitation Form

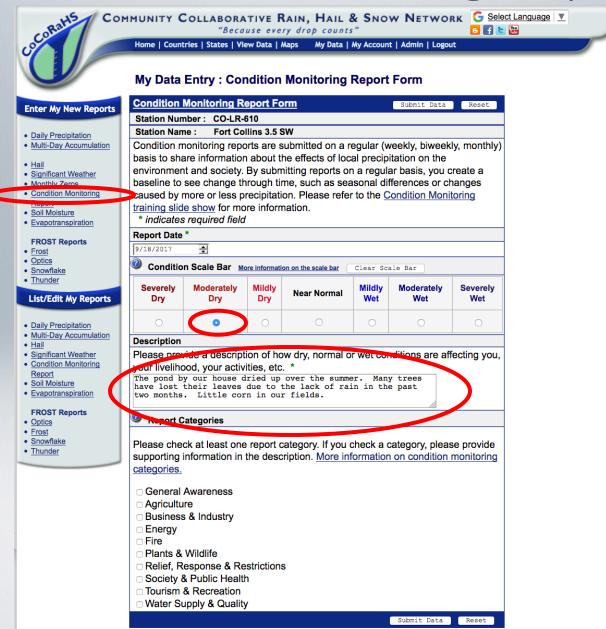
COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK "Because every drop counts" Home | States | View Data | Maps My Data | My Account | Admin | Logout My Data Entry : Multi-Day Precipitation Report Form Multiple Day Accumulation Form Submit Data Reset Enter My New Reports Station Number : CO-LR-610 Station Name : Fort Collins 3.5 SW Sany Precipitation First day of accumulation period. This day should be one day after your last report. Multi-Day Accumulation 5/20/2014 Hail Significant Weather Date the rain gauge was emptied. Monthly Zeros 5/27/2014 Drought Impact Report AM + Time the rain gauge was emptied. 8:00 Evapotranspiration Yes ONO Report was taken at registered location? FROST Reports Frost Optics Multi Day Precipitation (in inches), or T for trace, or Snowflake ^{2.15} in. NA for unknown. Thunder List/Edit My Reports in. Total Depth of Snow on Ground (in inches) in. Core Precipitation (in inches) Daily Precipitation Notes Multi-Day Accumulation Hail Was away for a week. Looks like we had some beneficial Significant Weather rain while we were on vacation! Drought Impact Report Evapotranspiration FROST Reports Submit Data Reset Optics Frost Snowflake Thunder

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.

Condition Monitoring Report

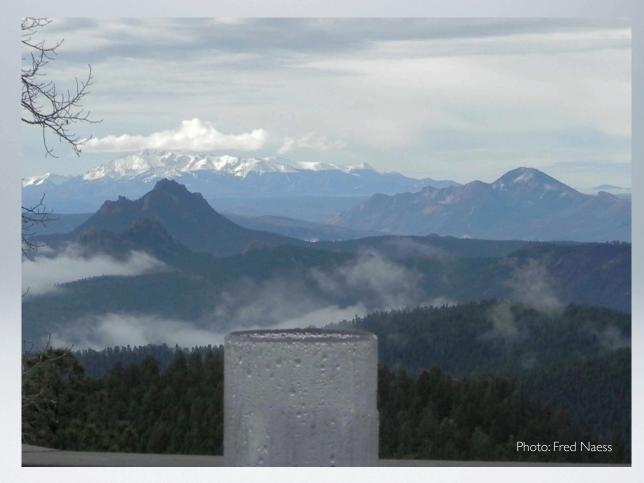


Section Three

Frequently asked questions

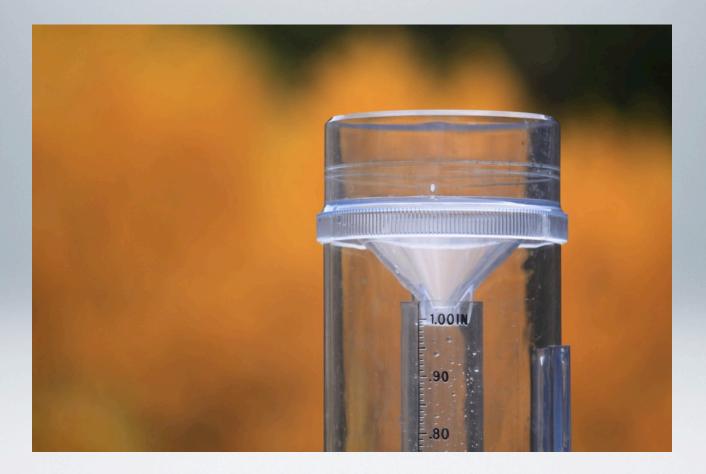


Do I have to be home everyday to participate in CoCoRaHS?



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 <u>must</u> 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, <u>but report what falls in the 4-inch gauge</u>.

Can I file my observations on my mobile device?



Answer: Yes, a CoCoRaHS app is available for both the iPhone and Android Phone

Where can I go for additional resources?



Answer: CoCoRaHS has a variety of resources to connect to from its homepage. There are educational YouTube videos, the CoCoRaHS Blog, Messages of the Day, State Newsletters, Measuring Evapotranspiration and a climate guide for Master Gardeners just to name a few. Your can also connect to CoCoRaHS via social media such as Facebook and Twitter.

You are now ready to measure precipitation for the CoCoRaHS Network



Thanks for being one of our volunteer observers!