



CoCoRaHS Collections

"Because Every Drop Counts"

The Ohio Newsletter

Summer 2016

Deadly Snow Squalls

We have now transitioned into fall and with each passing day winter is getting closer and closer. With winter comes many weather hazards including snow, sleet, and freezing rain. One particularly hazardous weather event in the winter is snow squalls.

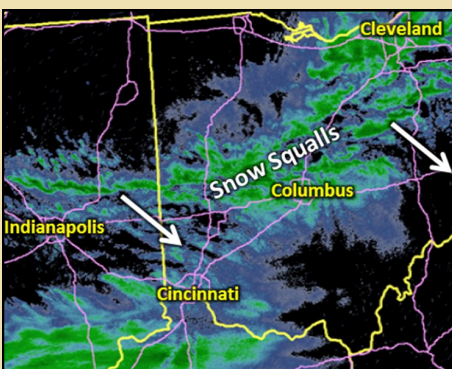
A snow squall is an intense short-lived burst of heavy snowfall that leads to quick reductions in visibilities and is often accompanied by gusty winds. They may be characterized by one main squall or multiple squalls. What makes them so dangerous and potentially deadly is that on snow squall days unrestricted visibilities can turn into whiteout conditions in a matter of seconds. The combination of quick reductions in visibilities and sudden slick conditions on roadways can often lead to high speed wrecks, pileups, and subsequently injuries and fatalities. There is also a high economic impact as interstates can be shut down for hours. Although they typically occur during the daytime hours, they can occur at any time of day.

As we go into the winter months if snow squalls are expected, remain alert to the latest forecast and travel conditions. Consider avoiding or delaying travel until the snow squall passes your location. Leave extra time if you must travel during snow squalls as visibilities and road conditions will change rapidly. Reduce your speed and turn on headlights! Don't slam on breaks. With roads being slick, this could contribute to loss of vehicle control and also increase the risk of a chain reaction crash.

As can be seen in the Columbus Dispatch image and the radar image below, these squalls can be short lived and have less than an inch of snow accumulation, yet their impacts are large. Please be careful this winter, stay informed, and take the necessary safety precautions to mitigate snow squall impacts.



The Columbus Dispatch



Inside This Issue:	Page
Flash Flood Emergency	2
Awards	3
Helpful Links	4
Hazards Simplification Project	4

A special thank you to those listed below for contributing to this newsletter!



-Julian Turner,

CoCoRaHS Headquarters

-Ohio Regional Coordinators

-National Weather Service
and CoCoRaHS

Websites

-Brian Haines,

NWS Wilmington Ohio

Is there a topic that you would like to hear about in a future newsletter?
If so, please contact:



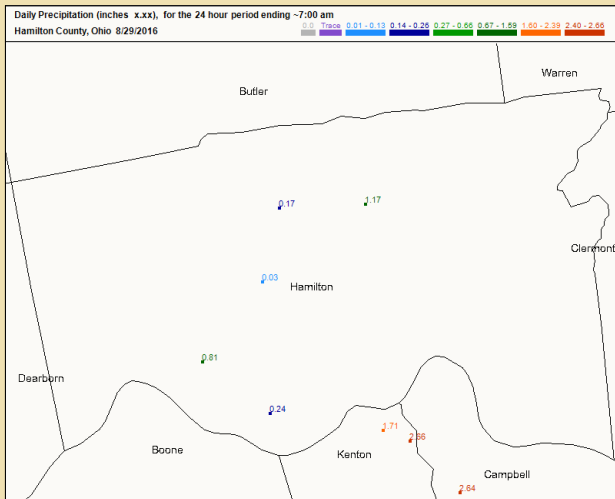
Ashley.Novak@noaa.gov

Flash Flood Emergency

On August 28th thunderstorms developed across portions of Ohio and also into northern Kentucky. Precipitation was highly variable as can be seen with the CoCoRaHS reports from Hamilton County for example and also with the two images of the radar estimates from this day across portions of the area. The radar image on the left below shows a zoomed in portion of the Hamilton County Ohio area, while the image the right below is a wider view.

The radar however only shows an estimate therefore the daily precipitation and significant weather CoCoRaHS reports are very important. In this case, a rare flash flood emergency was issued for portions of the Cincinnati and surrounding areas. A flash flood emergency is used in exceedingly rare situations when a severe threat to human life and catastrophic damage from a flash flood is imminent or ongoing. Many residences were flooded and cars inundated with water.

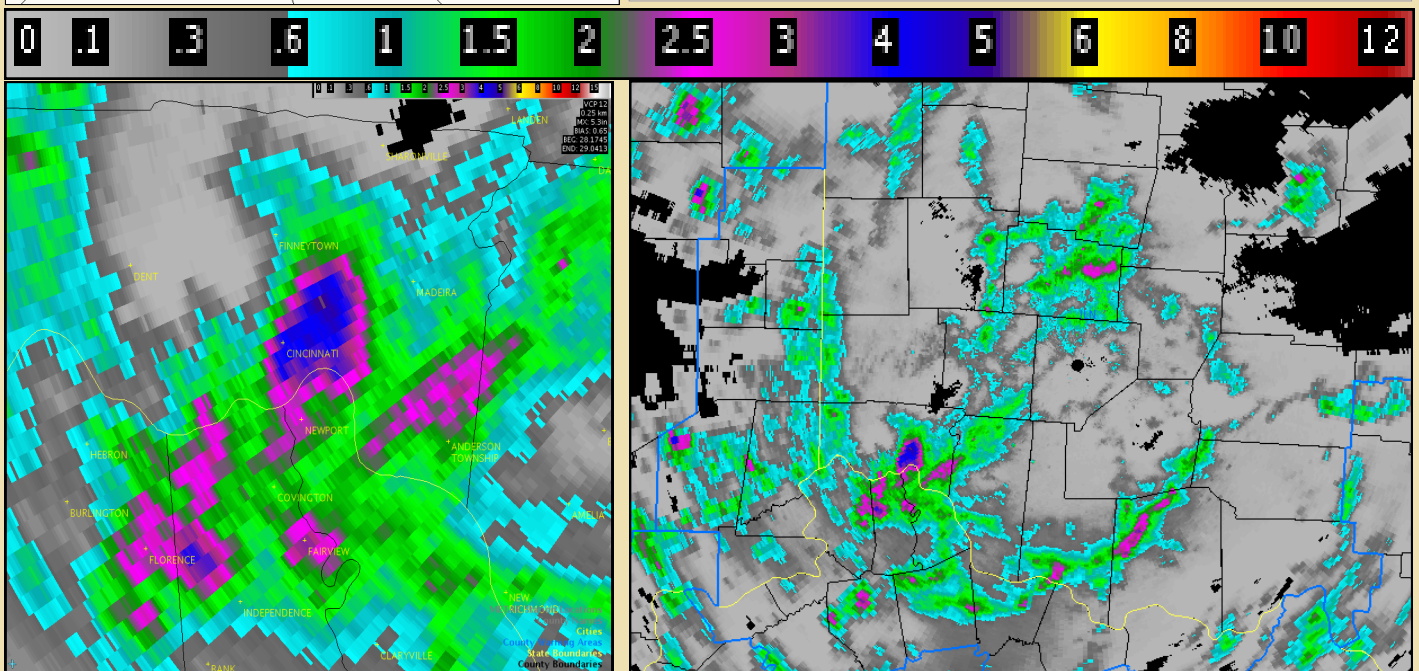
In addition to flash flood emergencies there are also tornado emergencies. A tornado emergency is issued also in exceedingly rare situations, when a severe threat to human life and catastrophic damage from a tornado is imminent or ongoing.



...THIS IS A FLASH FLOOD EMERGENCY FOR KENTON...NORTHERN CAMPBELL...CENTRAL BOONE AND EASTERN HAMILTON COUNTIES...

...A FLASH FLOOD WARNING REMAINS IN EFFECT UNTIL 1030 PM EDT...

AT 807 PM EDT...RADAR INDICATED THAT EXTREMELY HEAVY RAIN HAD FALLEN ACROSS SOUTHERN HAMILTON...NORTHERN KENTON AND NORTHERN CAMPBELL COUNTIES. DOPPLER RADAR ESTIMATES INDICATE THAT 3 TO 5 INCHES OF RAIN HAVE FALLEN SINCE 6 PM. HEAVY RAIN CONTINUES TO FALL WITH ANOTHER 2 INCHES POSSIBLE. FLASH FLOODING IS OCCURRING AND WILL CONTINUE THROUGH 1000 PM.





Silver Snowflake Award * 2000 Daily Precipitation Reports

Congratulations to our new Silver Snowflake Award member! This individual has reported over 2000 daily precipitation reports. You should receive your award certificate in the mail soon! Thank you for your daily dedication to CoCoRaHS!

OH-LR-3



Bronze Observer Award 1000 Daily Precipitation Reports

OH-AT-16

OH-DR-16

OH-DR-18

OH-ER-7

OH-ER-12

OH-ER-20

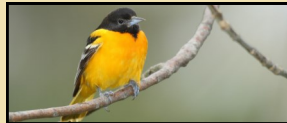
OH-FF-9



Congratulations to our new Bronze Observer Award members! These individuals have reported over 1000 daily precipitation reports. You should receive your award certificate in the mail soon! Thank you for your daily dedication to CoCoRaHS!

500 Club!

Congratulations to our newest 500 Club members! These observers have submitted at least 500 daily precipitation reports since becoming a CoCoRaHS observer. We look forward to adding onto this list with the next newsletter. Way to go!



OH-AS-5

OH-CH-7

OH-CW-1

OH-DL-12

OH-ER-17

OH-HR-7

OH-LK-9

OH-LS-23

Summer 2016 Honor Roll

From June 1, 2016 through August 31, 2016, these Ohio stations reported everyday. Here are those stations who get a thumbs up for their dedication!

Not listed below, but thought you reported everyday? You can check your reports. There are multiple ways to do this. You can go into your account and click on list/edit my daily precipitation reports. This will show your reports everyday. You can also go into 'view data' at the top of the page and click on 'station precipitation summary report.' Input your station and the period of interest. The missing days will be shown with dash marks. If there are additional questions e-mail Ashley.Novak@noaa.gov.

OH-AL-5
OH-AS-2
OH-AS-5
OH-AT-12
OH-CC-1
OH-CK-1
OH-CM-7
OH-CN-6
OH-CN-10
OH-CW-1

OH-CY-16
OH-CY-24
OH-CY-39
OH-DL-8
OH-DL-10
OH-DR-1
OH-DR-8
OH-FR-3
OH-FR-8
OH-FR-46

OH-GG-4
OH-GG-7
OH-HC-10
OH-HD-14
OH-HD-19
OH-HY-5
OH-HY-9
OH-LC-10
OH-LK-9
OH-LS-22

OH-LS-23
OH-MD-2
OH-MM-1
OH-MR-9
OH-MY-5
OH-MY-17
OH-MY-18
OH-MY-25
OH-MY-34
OH-MY-39

OH-OT-4
OH-PB-1
OH-PT-2
OH-PT-9
OH-PT-12
OH-PT-17
OH-SD-2
OH-SH-10
OH-SH-13
OH-SH-15

OH-SM-4
OH-SM-5
OH-SM-22
OH-TR-4
OH-TS-1
OH-WD-14
OH-WD-19
OH-WL-5
OH-WN-1
OH-WR-14

Newsletter

CoCoRaHS Collections
The Ohio CoCoRaHS Newsletter

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Because Every Drop Counts

www.cocorahs.org



Helpful Links for Ohio CoCoRaHS Observers

Obtain replacement or extra equipment from our official suppliers:

<http://www.weatheryourway.com/cocorahs/store.html>

<http://www.ambientweather.com/strgloteprra.html>

For information on Climate:

<http://www.geography.ohio-state.edu/faculty/rogers/statclim.html>

<http://www.cpc.noaa.gov/>

For Current Forecasts and Severe Weather Warnings:

<http://www.weather.gov>

For river information:

<http://water.weather.gov/ahps/>

For drought information:

<http://droughtreporter.unl.edu/>

<http://droughtmonitor.unl.edu/>



Hazards Simplification Project

The National Weather Service is working to simplify and clarify messaging with the Hazard Simplification Project. For many years the NWS has followed a Watch, Warning, and Advisory system to alert users of hazards. Although this has been effective to a degree, some users find these terms confusing. The NWS is not making changes to the operational system at this time, but the NWS is considering a number of options including keeping the system the same, making small changes, or making a transformational change to the Watch, Warning, and Advisory system. More information on hazard simplification and surveys that you can participate in can be found at this link. <http://www.weather.gov/hazardsimplification/>

