



CoCoRaHS Collections

“Because Every Drop Counts”

The Ohio Newsletter

Spring 2014



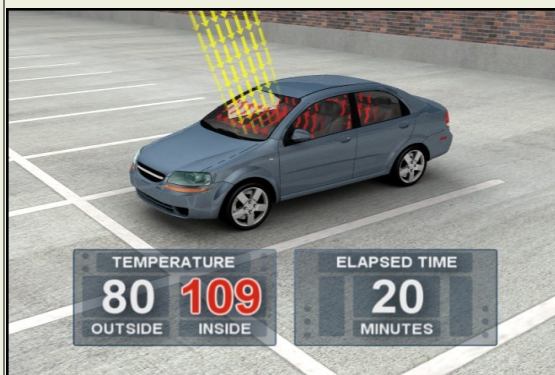
Beat the Heat



We are aware that with summer we often get pop-up afternoon thunderstorms in the heat of the day. This precipitation is often times quite variable and a very important reason why CoCoRaHS observers are so important. Thunderstorms and heat are two common aspects of summer across Ohio. As there are several precautions you should take with the hazards of thunderstorms there are also several precautions for heat as well. Heat is one of the biggest killers when it comes to weather-related fatalities. Below are some safety precautions when it comes to heat.

- *Pay attention to watch, warning, and advisory products for extreme heat.
- *Be mindful of heat-related illness symptoms and first aid.
- *Slow down, dress for summer, and drink plenty of water.
- *During excessive heat periods, spend more time in air-conditioned places and don't get too much sun.
- *Never leave children, disabled adults, or pets in parked vehicles. Leaving windows slightly open does not significantly decrease the heating rate.
- *Make sure your child's safety seat/buckles aren't too hot.
- *Teach children not to play in or around cars, always lock car doors and trunks even at home, and keep keys out of children's reach.
- *Always make sure all children have left the car when you reach your destination.

More information and safety tips can be found here:
<http://nws.noaa.gov/os/heat/index.shtml>



The left image above is Courtesy of General Motors and San Francisco State University. Use of this image does not imply NWS endorsement of services provided by General Motors and San Francisco State University.

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

- Julian Turner, CoCoRaHS Headquarters
- Bob Davis, Central Ohio Region Coordinator
- OH-DL-2 and OH-GG-7 for newsletter story suggestions
- The CoCoRaHS, CPC, and NWS websites
- General Motors and San Francisco State University

El Niño Watch Issued

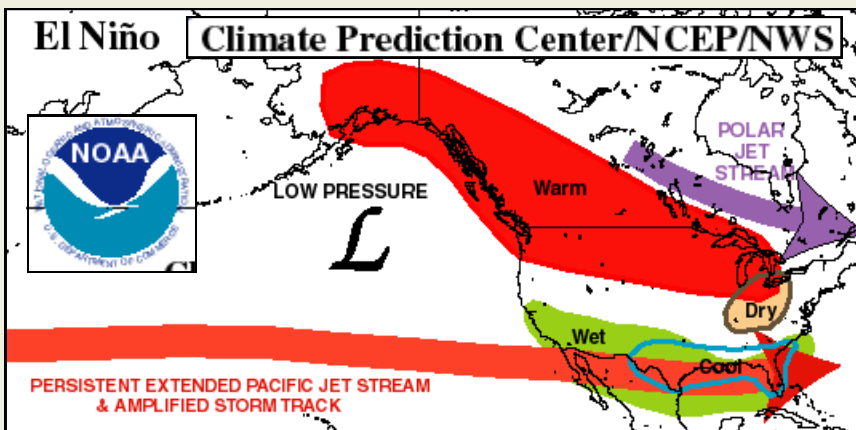
An El Niño watch is issued when conditions are favorable for the development of El Niño conditions within the next six months. There is a 70% chance of El Niño development during the Northern Hemisphere summer and reaches 80% during the fall and winter. El Niño patterns have warmer sea surface temperatures across the eastern tropical Pacific, as is indicated in the upper right image below.

An El Niño typically lasts around 9-12 months and begins to develop during the summer. The peak of an El Niño is usually during the winter and early spring months. El Niño has very little impact to Ohio during the summer, however there are typically impacts during the winter and early spring.

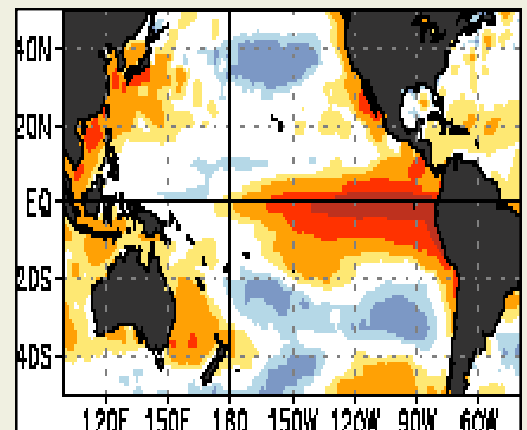
There is still quite a bit of uncertainty with how strong this El Niño might be. Below in the top left image is the typical pattern for the January-March timeframe with an El Niño. Not surprisingly, with an El Niño possible the three month outlook for January-March 2015 has similarities to an El Niño pattern.

In the temperature image there is the wide swath of increased likelihood of above normal temperatures across northern portions of the United States and increased likelihood of below normal temperatures across the southern portions of the United States. In the precipitation image there is an increased likelihood of below normal precipitation across Ohio, while southern portions of the United States show an increased likelihood of above normal precipitation.

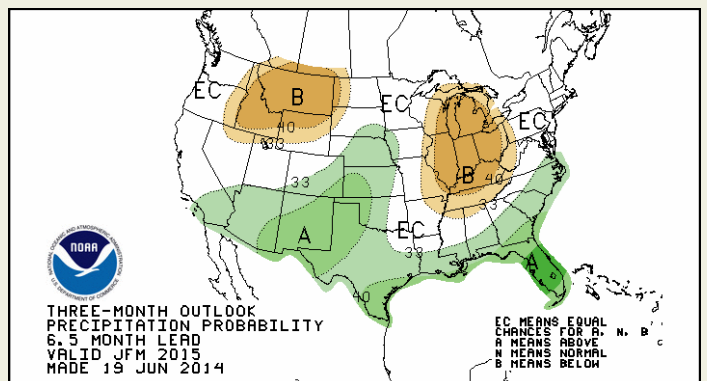
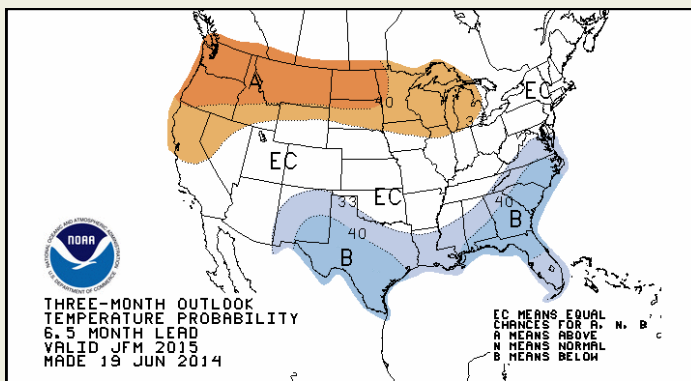
More information can be found on the Climate Prediction Center website www.cpc.ncep.noaa.gov.



Typical January-March weather anomalies and atmospheric circulation during moderate to strong El Niño .



El Niño shows warmer sea temperatures across eastern tropical Pacific.



Three month outlook for temperatures and precipitation valid January, February, and March 2015.

Bronze Observer Award-1000 Daily Precipitation Reports

Congratulations to our new Bronze Observer Award member! This individual has reported over 1000 daily precipitation reports. You should receive your award certificate in the mail soon! Thank you for your daily dedication to CoCoRaHS!

OH-AS-2

Ashland 3.9 SW



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-ER-12

OH-MY-20

OH-WS-3

OH-ER-20

OH-PB-4



Spring 2014 Honor Roll

From March 1, 2014 through May 31, 2014, 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-AT-1
OH-AT-5
OH-AT-12
OH-BT-18
OH-CB-2
OH-CC-1
OH-CK-1
OH-CM-7
OH-CM-9
OH-CN-6

OH-CN-10
OH-CR-1
OH-CW-3
OH-CY-4
OH-CY-16
OH-CY-24
OH-CY-27
OH-DR-1
OH-DR-8
OH-ER-8

OH-ER-11
OH-ER-22
OH-FR-1
OH-FR-2
OH-FR-3
OH-FR-8
OH-FR-22
OH-FR-24
OH-GG-4
OH-HG-2

OH-HM-5
OH-HR-2
OH-HY-3
OH-HY-5
OH-LC-11
OH-LR-10
OH-LS-1
OH-MD-2
OH-MM-1
OH-MY-5

OH-MY-17
OH-PT-8
OH-PT-12
OH-SC-4
OH-SD-2
OH-SD-9
OH-SH-4
OH-SH-10
OH-SH-15
OH-SM-4

OH-SM-16
OH-SN-1
OH-TR-4
OH-WD-14
OH-WL-5
OH-WN-1
OH-WR-14



CoCoRaHS began in Colorado 16 years ago this month. Over the years CoCoRaHS expanded to include all 50 states. Over time CoCoRaHS grew to include Canada as well. June 2014 also marks the beginning of CoCoRaHS in Puerto Rico!



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 Ohio Climate:

<http://www.geography.osu.edu/faculty/rogers/statclim.html>

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

For Current Forecasts and Severe Weather Warnings:

<http://www.weather.gov>

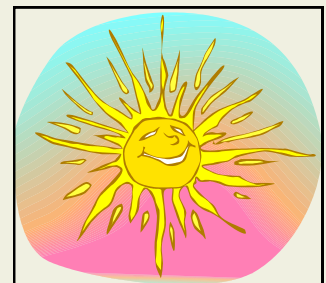
For river information:

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

For drought information:

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

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



Other Weather Opportunities

CoCoRaHS observers are typically fascinated by the weather. Some CoCoRaHS observers are also involved in other weather activities such as being a Skywarn spotter or being an amateur radio operator for example. The Skywarn spotter program is a nationwide network of volunteers trained by the National Weather Service to report significant weather. Anyone is welcome to participate. The National Weather Service provides numerous Skywarn weather spotter training sessions. Training dates are listed on National Weather Service webpages as the training sessions near.

Some Skywarn spotters are also licensed Amateur Radio operators. Amateur radio (ham radio) operators play an important role in National Weather Service severe weather operations as well. National Weather Service offices have ham radio equipment on site. A Skywarn net run by volunteer amateur radio net control operators allow for reports from the field to be delivered directly to the National Weather Service office. More information on amateur radio operations with severe weather can be found on National Weather Service webpages. More information on classes and requirements for becoming an amateur radio operator can be found several places online.

