



# NWS Wilmington, Ohio April 2017 Regional Climate Summary

## Regional Climate Summary

***April 2017 was a month characterized by extended stretches of summer-like weather – both in terms of warmth and storminess. The region experienced numerous days with high temperatures in the 70s and 80s and finished the month with a week straight of above normal temperatures. Several active periods of storminess led to some significant rainfall totals through the month, particularly near and south of the Ohio River. Further north, towards Central Ohio, the weather pattern resulted in a bit of a drier month. Nevertheless, the month will largely be remembered for being one of the warmest Aprils on record at each of the three climate sites in the area.***

# Temperatures

*Unsurprisingly, the coolest days of the month generally occurred during the first ten days or so of April, with several days of highs in the 50s and lows in the 30s (and even 20s).*

*Past the 10<sup>th</sup> of the month, however, a much warmer weather pattern developed in the region. This pattern featured numerous days with highs in the 70s and 80s. In fact on the 16<sup>th</sup>, Dayton (DAY) tied a new daily record high minimum (61°F – 1972) and record high maximum (82°F – 2002, 2010).*

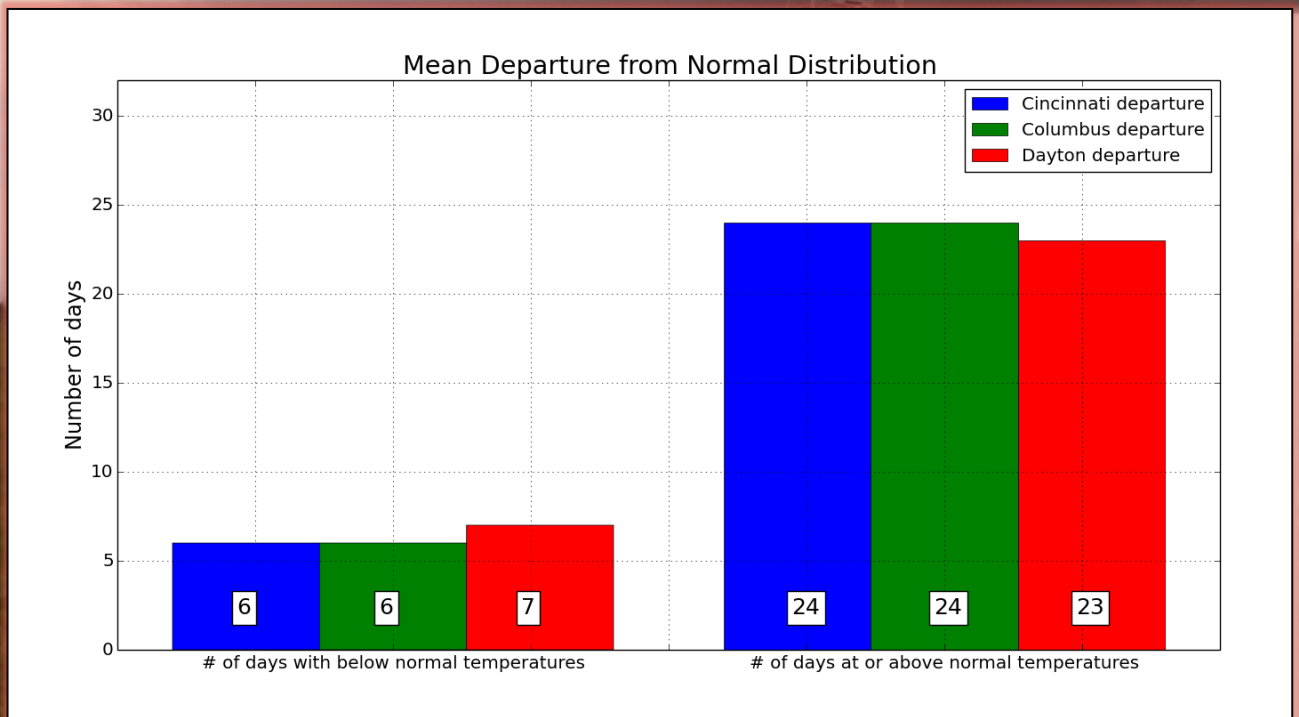
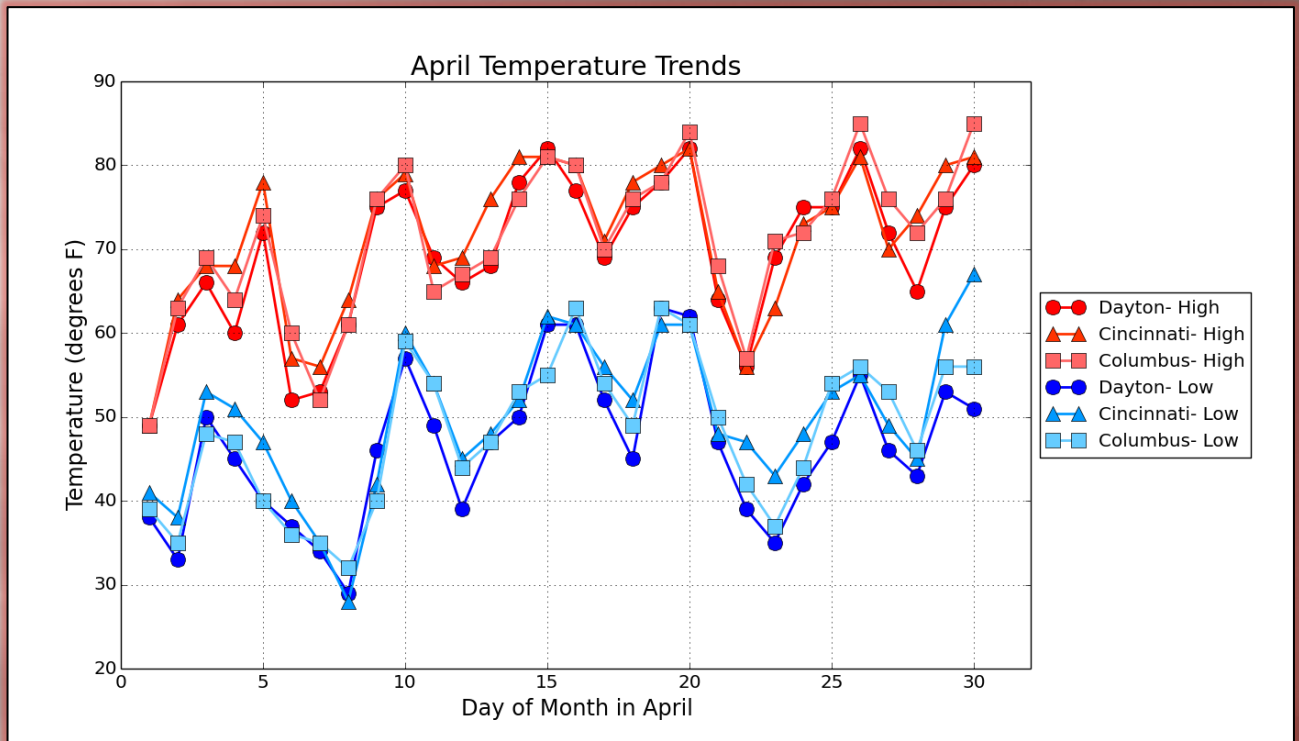
*Although there were no other daily temperatures records tied or broken for the climate sites, the persistence of summer-like warmth in April was noteworthy. In fact, Cincinnati (CVG) hit 80°F+ a total of 8 times during the month, the most in April since 2001, and tied for the 2<sup>nd</sup> most in the month of April dating all the way back to 1976. Meanwhile, Columbus and Dayton both recorded 13 days of 75°F+, the most in the month of April since 1985 and 1977, respectfully. Moreover, Cincinnati (CVG) recorded 14 days of 75°F+ during the month, tied for the most in April for the site since 1896 (16).*

*With the above in mind, it comes as no surprise that Columbus recorded its warmest April on record (average temperature of 59.7°F). Meanwhile, both Cincinnati and Dayton recorded their respective 2<sup>nd</sup> warmest month of April on record.*

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	60.8°F	71.4°F	50.1°F	+ 6.6°F	82°F (04/20)	28°F (8 <sup>th</sup> )
Columbus (CMH)	59.7°F	71.1°F	48.3°F	+ 6.6°F	85°F (04/26, 04/30)	32°F (8 <sup>th</sup> )
Dayton (DAY)	58.0°F	69.4°F	46.5°F	+ 6.4°F	82°F (04/20, 04/26)	29°F (8 <sup>th</sup> )



# Temperatures (Continued)



# Precipitation

*April 2017 will be remembered not only for the extended periods of above normal temperatures, but also for the unusually wet pattern that featured numerous days with rounds of showers and storms (fueled, in part, by the above normal temperatures). Although this pattern of storminess resulted in a very uneven rainfall footprint in the area, the storms did focus in southern portions of the area more often than not. This allowed for high monthly rainfall totals for many locations in southwestern Ohio, southeastern Indiana, and much of northern Kentucky.*

*Moreover, there were also numerous instances of flash flooding that developed as a result of rounds of showers and storms, particularly in southeastern Indiana, southwestern Ohio, and portions of northern Kentucky.*

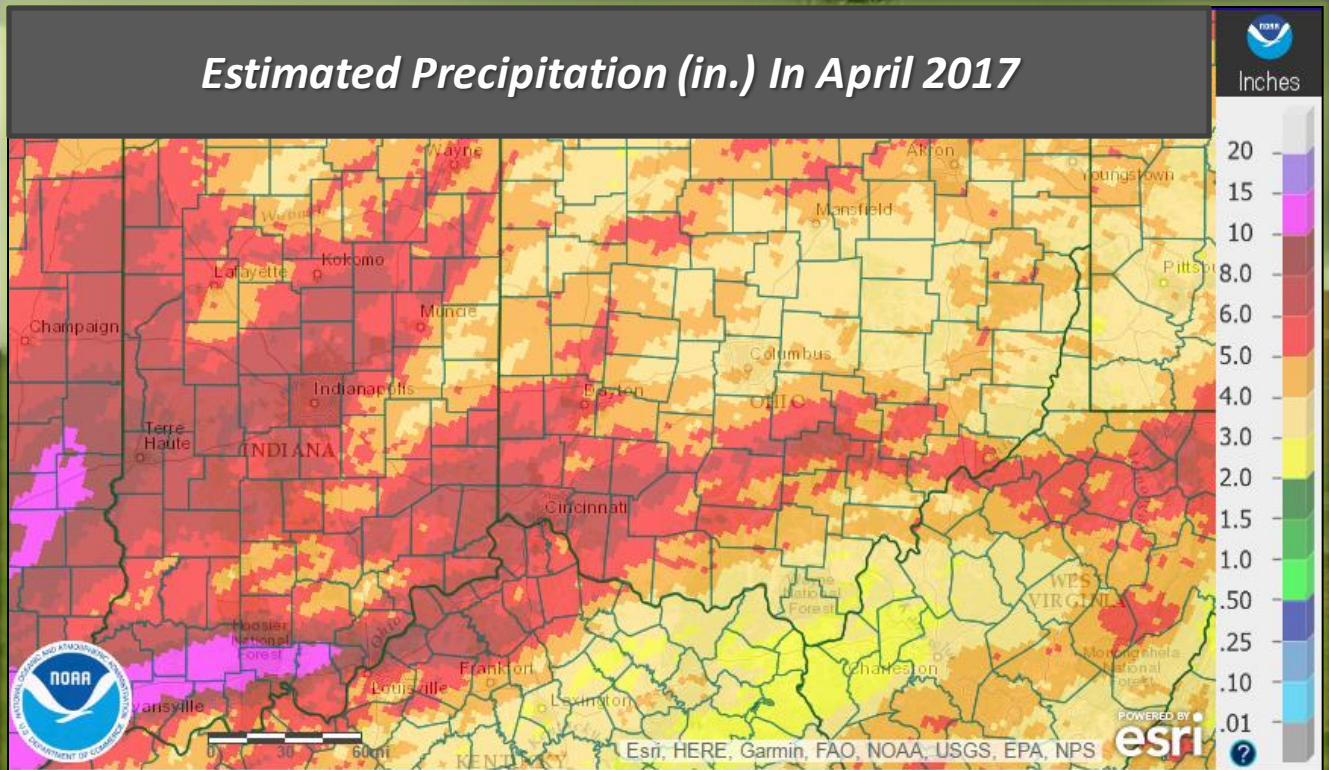
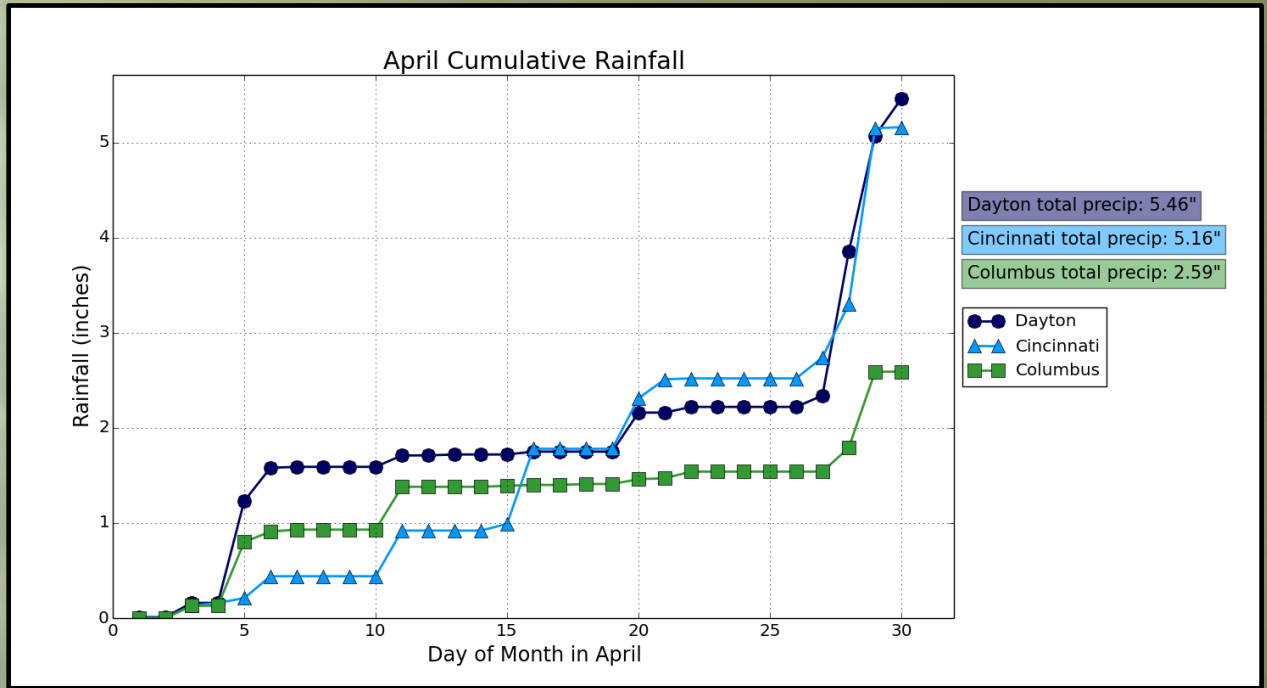
*This being said, the only daily rainfall record that was tied or set at any of the climate sites occurred in Dayton (DAY) on the 28<sup>th</sup>, when 1.51" broke the old daily record of 1.26" originally set in 1958.*

Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)		Total Snowfall (in.)	Max Daily Snowfall (in./date)	
Cincinnati (CVG)	5.16"	+ 1.27"	1.85"	04/29	--	--	--
Columbus (CMH)	2.59"	- 0.81"	0.80"	04/29	Trace	Trace	04/07
Dayton (DAY)	5.46"	+ 1.37"	1.51"	04/28	Trace	Trace	04/07





# Precipitation (Continued)



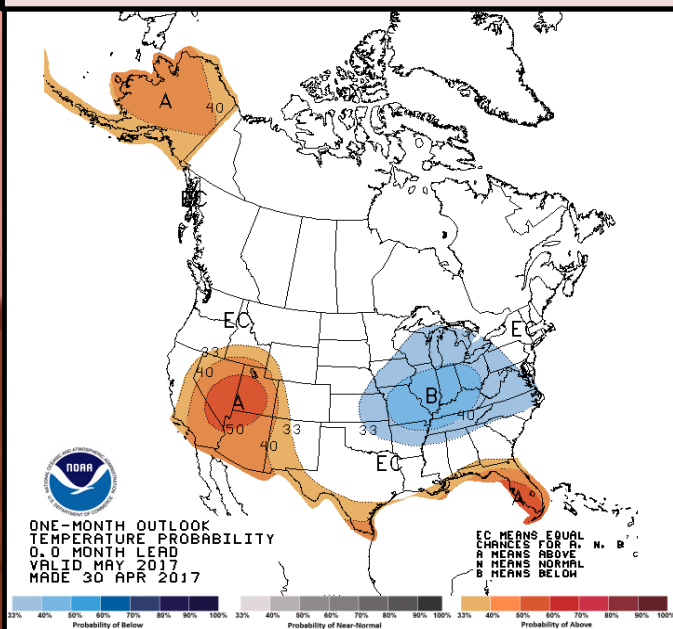
# May Outlook

The latest outlook from the Climate Prediction Center (CPC) indicates an increased likelihood for below normal temperatures in May. There is not yet a clear signal for either above or below normal precipitation.

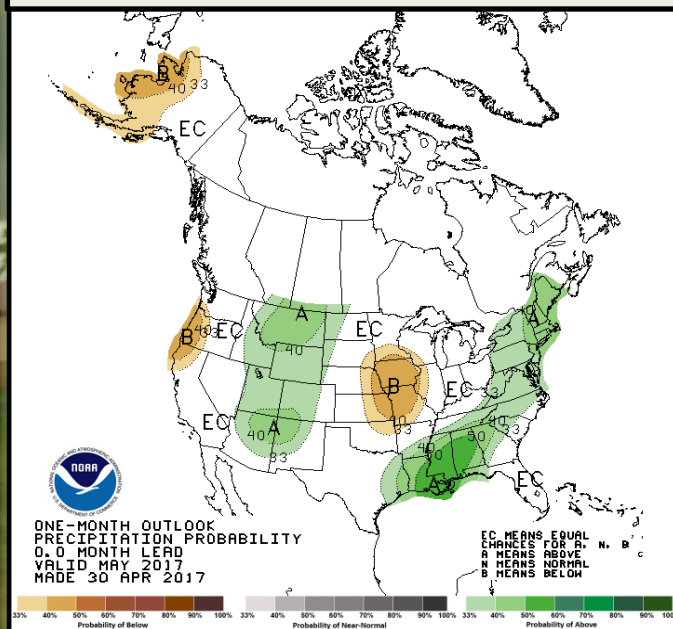
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	63.5°F	73.7°F	53.2°F
Columbus (CMH)	62.5°F	72.9°F	52.2°F
Dayton (DAY)	61.4°F	71.5°F	51.4°F

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	4.93"	--
Columbus (CMH)	4.17"	--
Dayton (DAY)	4.66"	--

## Upcoming Temperature Outlook



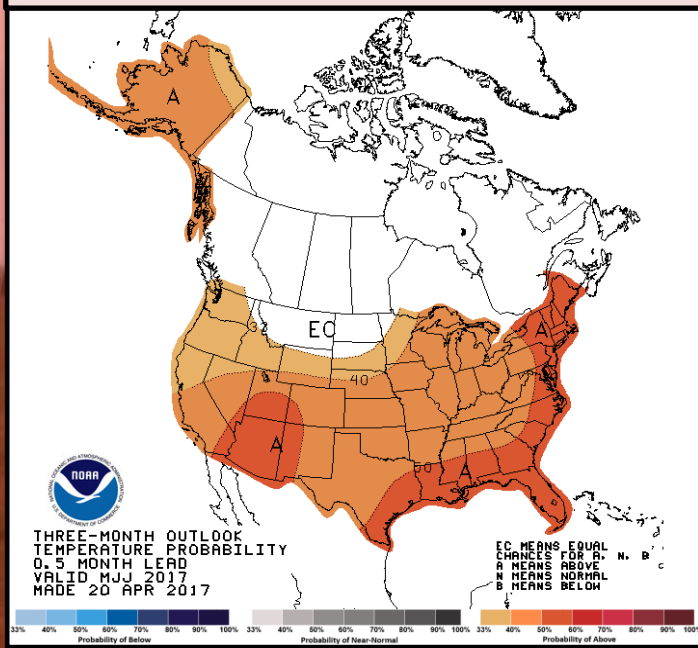
## Upcoming Precipitation Outlook



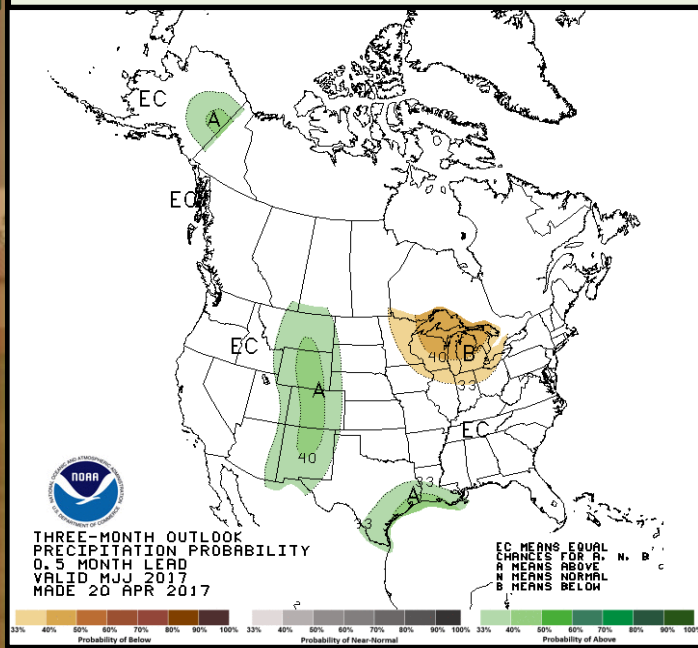
# Late Spring & Early Summer Outlook

The latest outlook from the Climate Prediction Center (CPC) indicates an increased likelihood/probability of warmer than normal temperatures in the May through July time period. Currently, there is not a clear signal for either above normal or below normal precipitation in the late Spring to early Summer time period in the local area. This being said, current data is suggesting an increased likelihood for drier than normal temperatures in Great Lakes region (into northern portions of the Ohio Valley) in this time period.

## Three-Month (MJJ) Temp. Outlook



## Three-Month (MJJ) Precip. Outlook

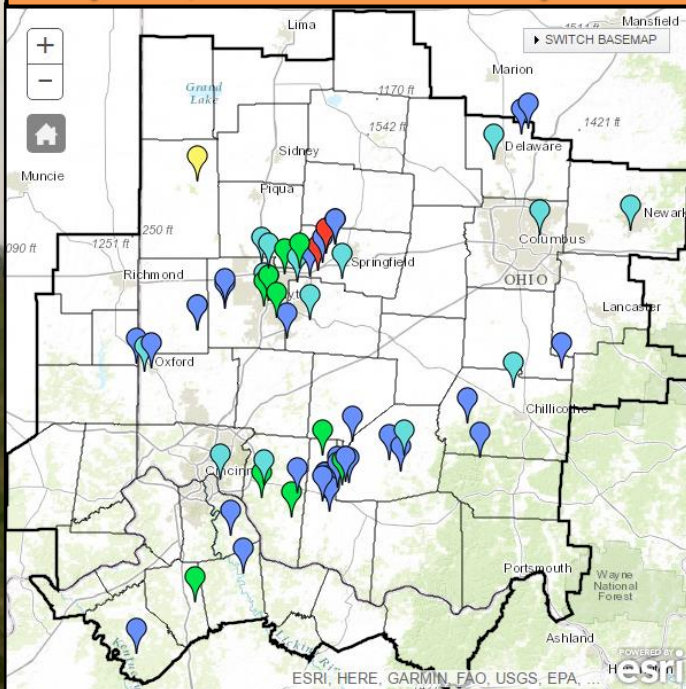




# Severe Weather

Although there were numerous rounds of showers and storms in the area during the month, there were two notable severe weather events that impacted the area. The first occurred on April 5<sup>th</sup> in which a round of storms moved from southwest to northeast through the area during the evening hours, producing instances of large hail and damaging winds. Additionally, two EF0 tornadoes were confirmed in Clark County, OH from this activity. The 2<sup>nd</sup> major event occurred from the evening of the 28<sup>th</sup> through the morning hours on the 29<sup>th</sup>. A frontal boundary served as a focus for repeated rounds of storms, which produced instances of large hail, damaging winds, and numerous reports of flash flooding. See our event index ([weather.gov/iln/events](http://weather.gov/iln/events)) for more info on these events.

## April 5, 2017 – Storm Reports



## April 28-29, 2017 – Storm Reports

