



NWS Wilmington, Ohio November 2017 Regional Climate Summary

Regional Climate Summary

The month of November started warm with temperatures reaching the mid 70s in places by the first week. This warmth was also accompanied by severe weather and flooding on November 5th. Below normal temperatures then persisted through most of the rest of the month. The two exceptions being on November 18th and towards the end of the month when temperatures again warmed.

Temperatures

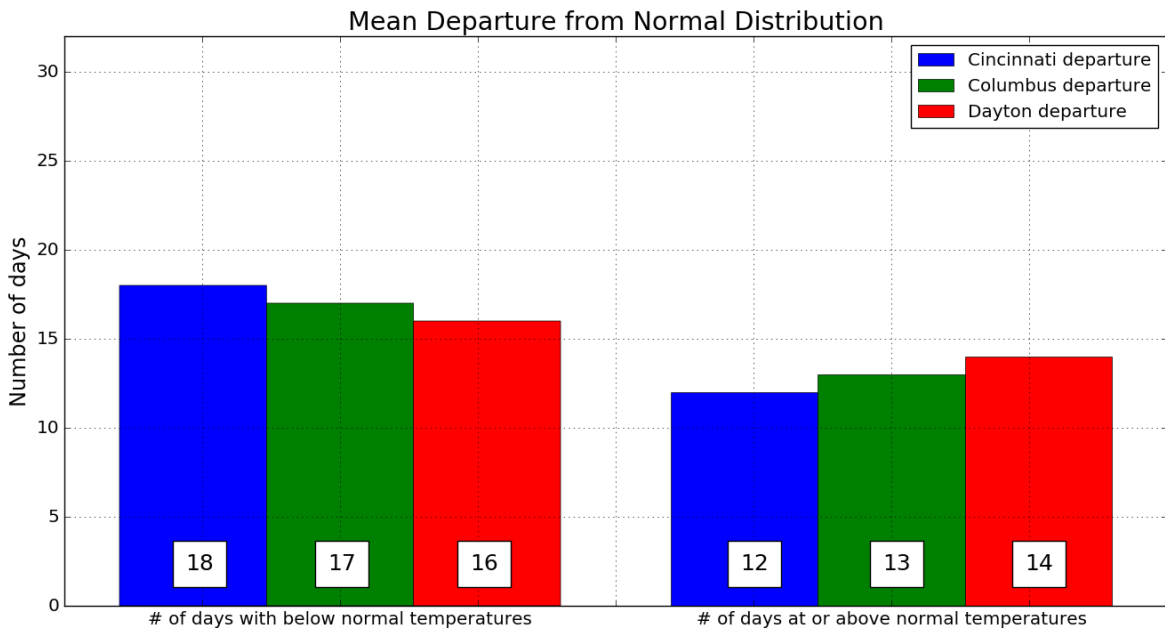
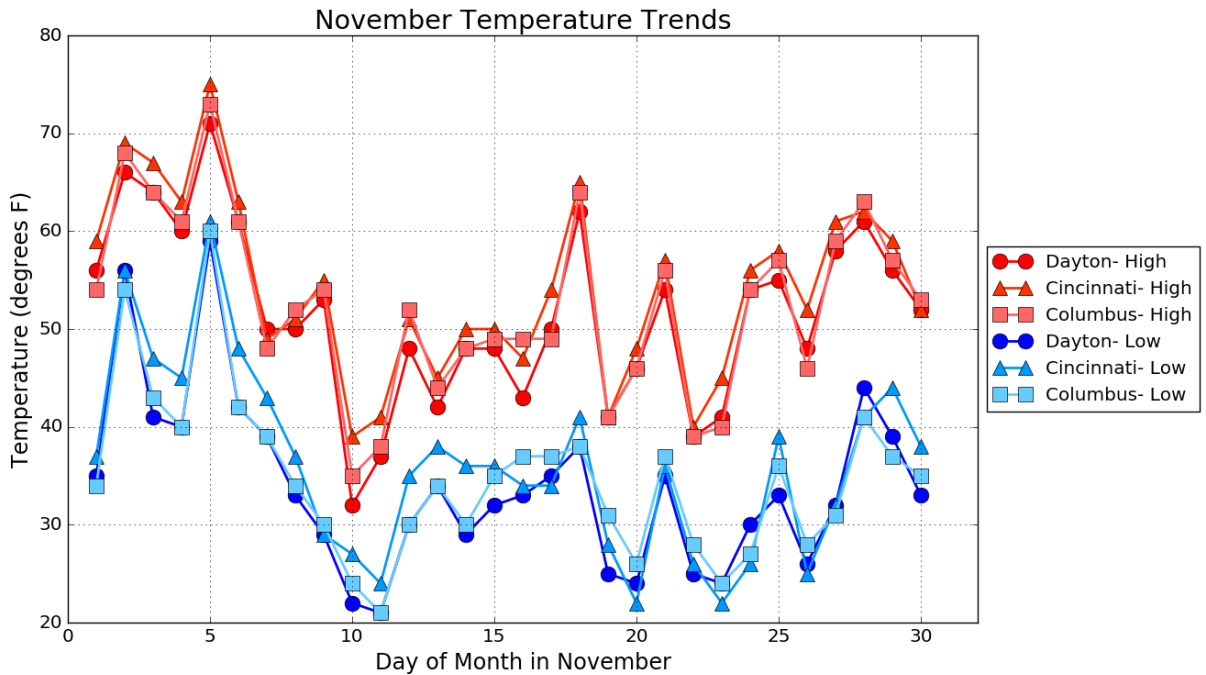
A majority of the month of November contained temperatures that were below normal with exceptions being mostly at the beginning and the end of the month. The 70 degree mark was reached on November 5th. In fact, at Cincinnati a record high minimum temperature was set on November 5th, as the low temperature only fell to 61°F. At Dayton, a record high minimum temperature was tied on November 5th, as the low temperature only fell to 59°F.

After this warm spell, temperatures fell below normal from November 7th to around November 17th. On November 18th temperatures warmed into the 60s across the region before another cold front moved across the region keeping temperatures below normal through around the 26th of the month.

The last couple of days in November finished well above normal with double digit departures recorded at all three major climate sites on the 28th.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	45.2°F	54.1°F	36.2°F	+0.1°F	75°F (5 th)	22°F (20 th , 23 rd)
Columbus (CMH)	43.6°F	52.5°F	34.8°F	-0.8°F	73°F (5 th)	21°F (11 th)
Dayton (DAY)	42.7°F	51.5°F	33.9°F	-0.1°F	71°F (5 th)	21 °F(11 th)

Temperatures (Continued)



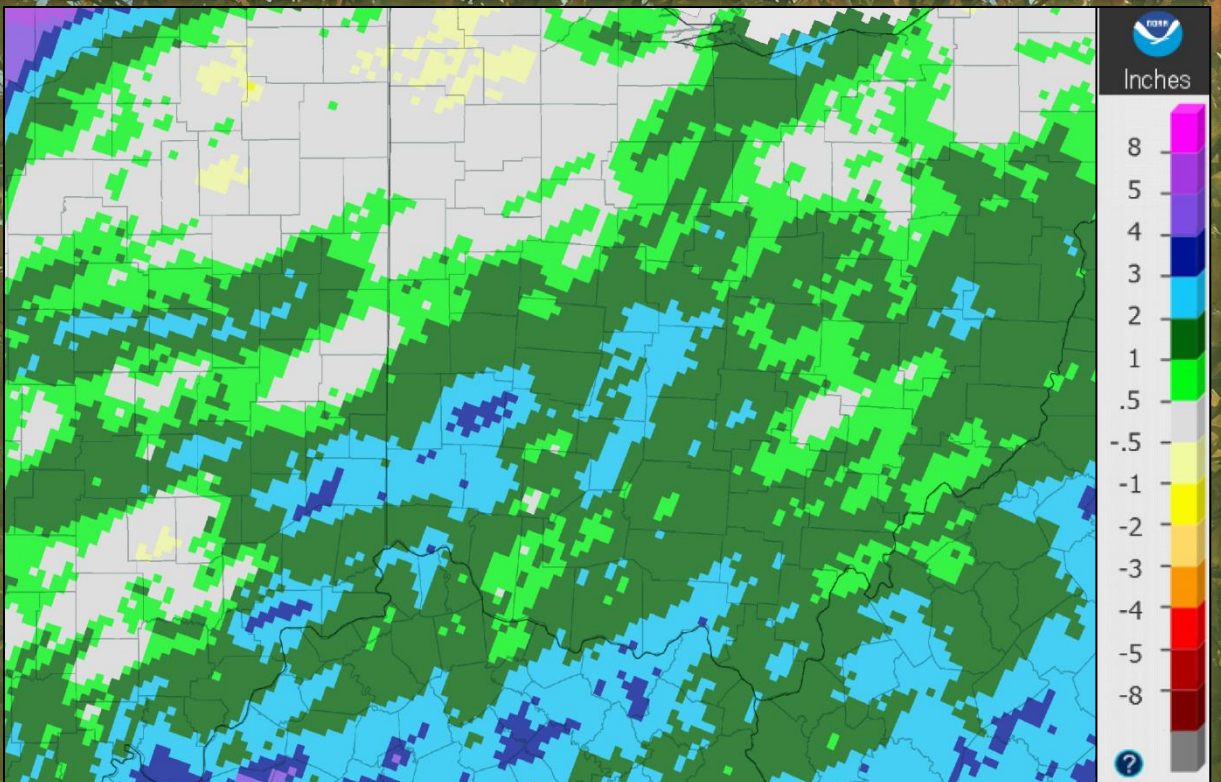
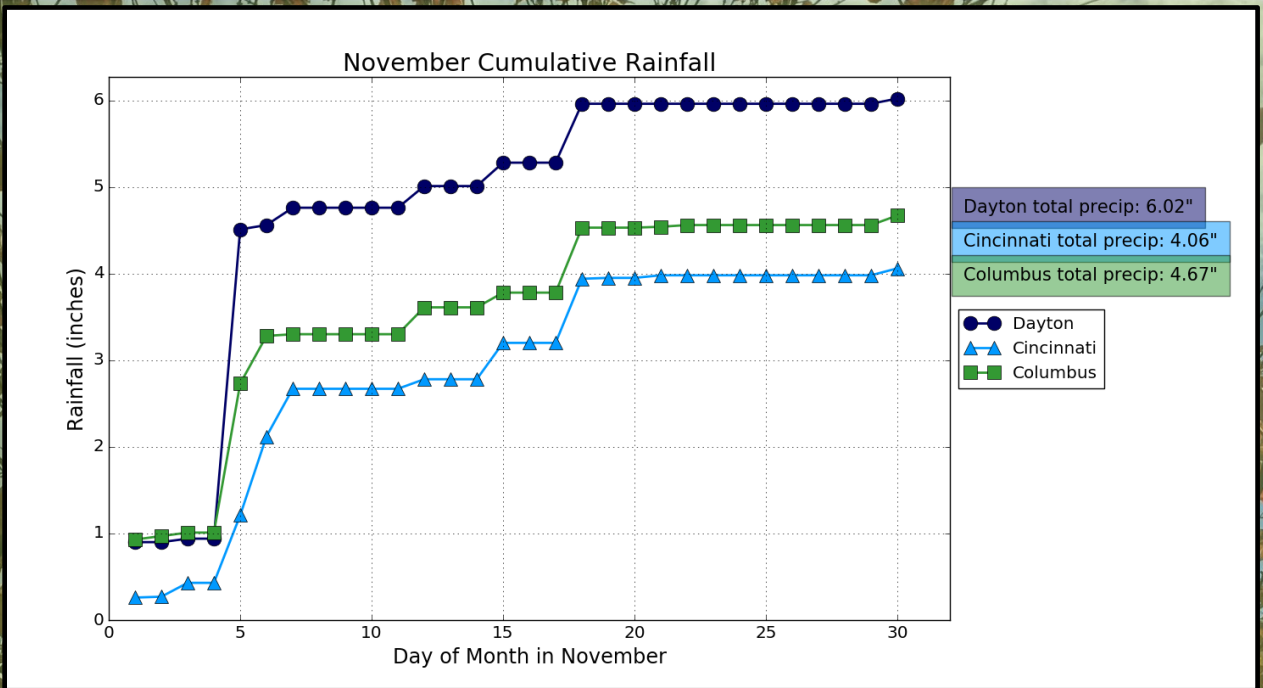
Precipitation

The month of November was in general a wet month for most. All three first-order climate sites received above normal precipitation with Dayton receiving 6.02" of rainfall! The rainfall totals for the month of November were helped quite a bit on the 5th as both Dayton and Columbus broke their daily rainfall records. At Dayton, the daily rainfall of 3.57" on the 5th broke the old daily record of 2.18" set back in 1948. At Columbus the daily rainfall of 1.72" on the 5th broke their daily rainfall record of 0.88" set back in 1988.

In fact, Dayton has now had 49.29" of rainfall in 2017 which is the 8th wettest year on record.

Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)		Total Snowfall (in.)	Max Daily Snowfall (in./date)	
Cincinnati (CVG)	4.06"	+0.63"	0.91"	6 th	0"	NA	NA
Columbus (CMH)	4.67"	+1.47"	1.72"	5 th	T	T	22 nd
Dayton (DAY)	6.02"	+2.63"	3.57"	5 th	T	T	1 st , 21 st

Precipitation (Continued)



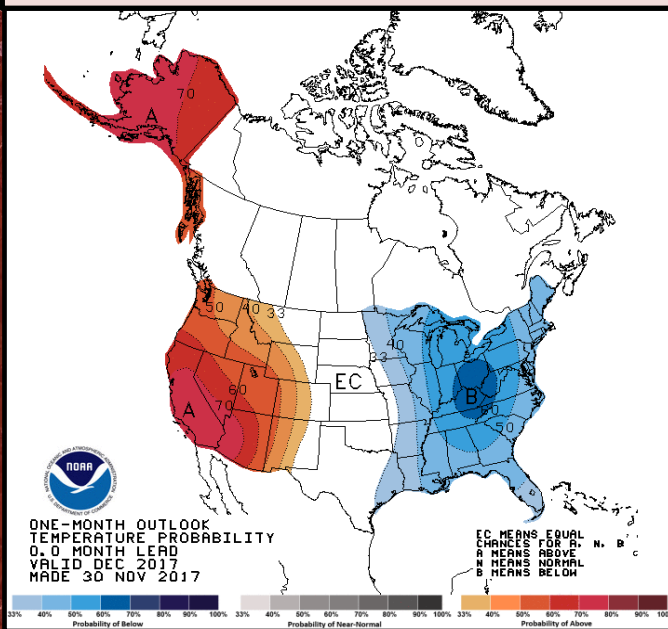
December Outlook

The latest outlook from the Climate Prediction Center (CPC) calls for an increased likelihood of below normal temperatures. There is not a clear signal for above, below, or normal precipitation.

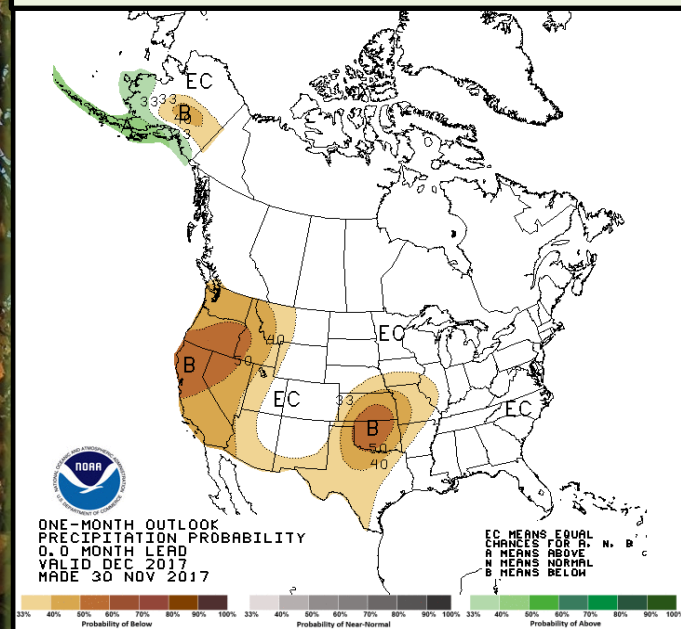
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	34.1	41.6	26.6
Columbus (CMH)	33.5	40.1	26.8
Dayton (DAY)	31.2	38.1	24.3

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	3.37	4.8
Columbus (CMH)	2.97	5.0
Dayton (DAY)	3.12	4.5

Upcoming Temperature Outlook



Upcoming Precipitation Outlook

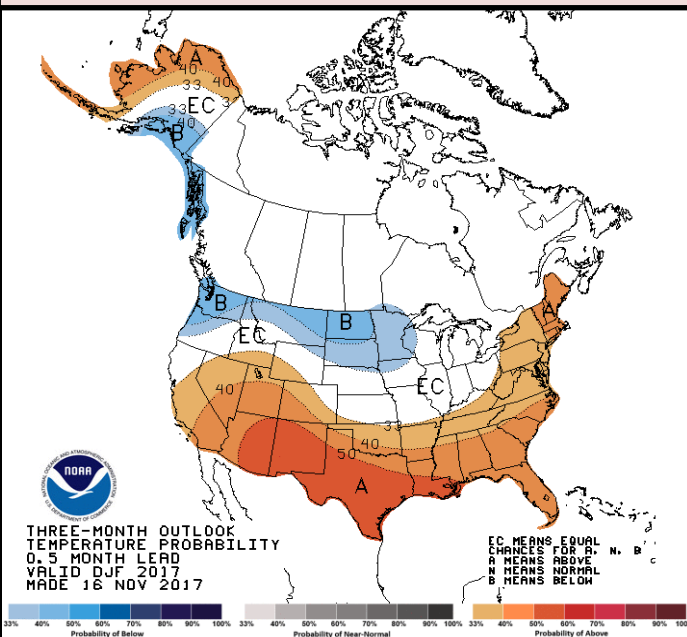


December-February Outlook

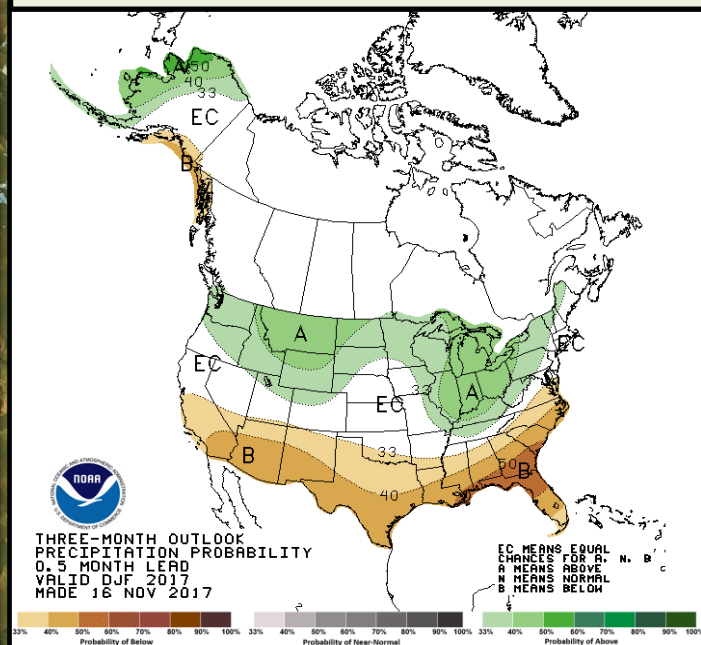
A La Niña Advisory is in effect. La Niña conditions are present and they are predicted (~65 - 75% chance) to continue through the winter. This La Niña is expected to be a weak La Niña.

For the December through February outlook there is not a clear signal for above, below, or normal temperatures, while there is an increased likelihood of above normal precipitation.

Three-Month (DJF) Temp. Outlook

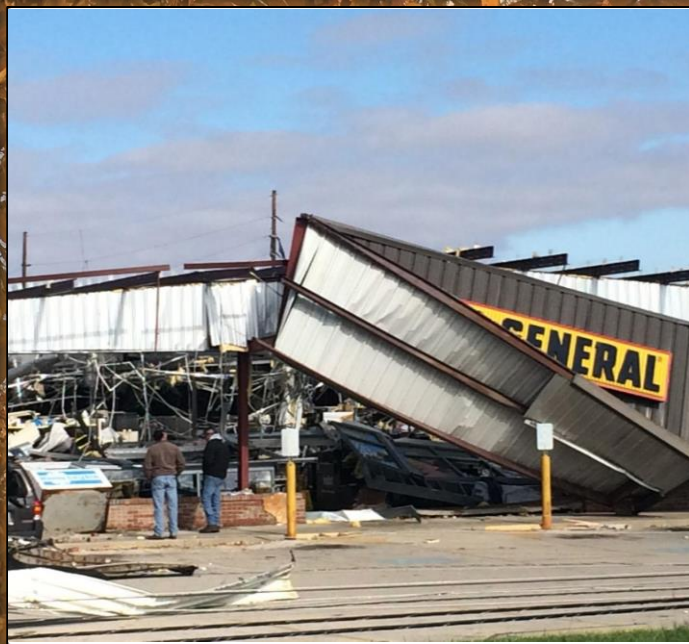


Three-Month (DJF) Precip. Outlook



Severe Weather

Unlike the month of October, November provided its fair share of severe weather – most notably the event on November 5th into the early morning hours on November 6th. During the afternoon, supercell thunderstorms that had developed west of the local area in Indiana moved into parts of Mercer and Auglaize County, OH. These supercells spawned two separate EF2 tornadoes, including one that touched down near Celina, OH. Another tornado (rated EF1) touched down later in the evening near South Vienna, OH. Significant heavy rain also evolved through the evening and overnight hours, with numerous reports of flooding and flash flooding throughout the area. Widespread 2-4" was observed from west-central through central Ohio.



Pictures taken during official NWS storm surveys conducted on November 6, 2017.

