



NWS Wilmington, Ohio February 2017 Regional Climate Summary

Regional Climate Summary



February 2017 will largely be remembered for a historic stretch of unseasonable warmth that persisted in the region for most of the month. With the spring-like temperatures, snowfall values were very low. The final meteorological winter month of the 2016-2017 season was one that will be remembered for jump-starting the season of spring rather than continuing the season of winter.

Temperatures

Although the first several days of the month started with seasonably chilly temperatures, by the 5th, much warmer air built into the Ohio Valley. Unseasonable warmth persisted for several days before a cold front allowed for colder air to briefly return on the 9th.

For the final 2/3 of the month, an uncharacteristically-persistent warm spell developed for much of the Ohio Valley. Even with the traditional fluctuations in temperatures that develop prior to and following a storm system moving through the area, the weather pattern yielded historic warmth for a 2 to 3 week period for much of the region.

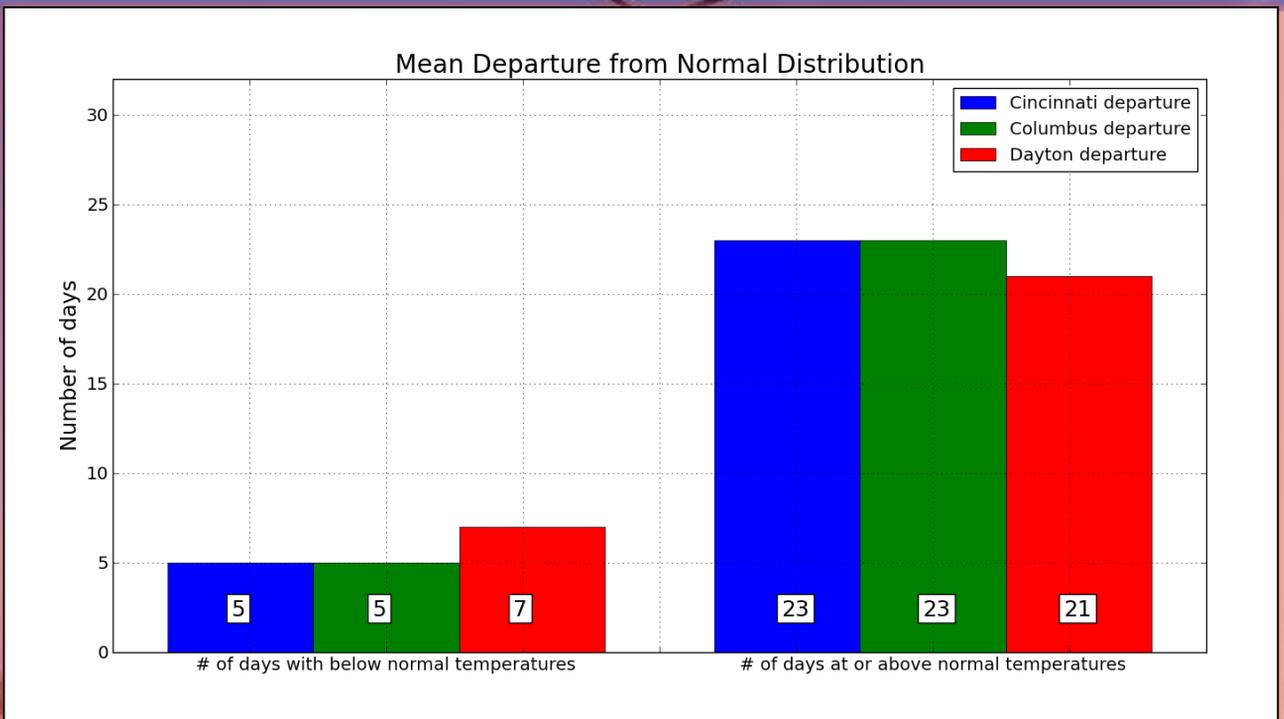
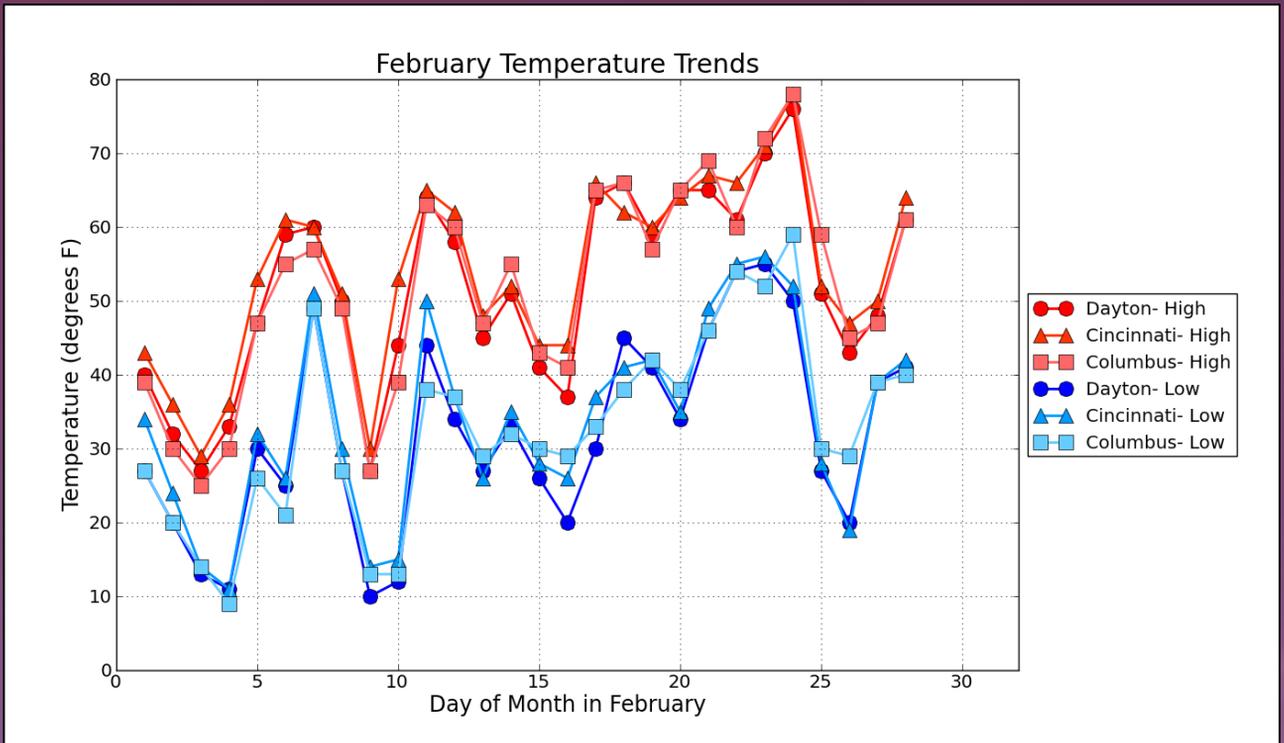
The primary climate sites all recorded numerous days of 60°F+ warmth (Cincinnati 13, Columbus 10, and Dayton 10). For Cincinnati, this was the 2nd most days of high temperatures reaching at least 60°F+ on record in the month of February. Columbus and Dayton finished with the most 60°F+ temperatures on record in February.

In addition to the historic number of 60+ degree days, Columbus had the highest mean average temperature on record, Cincinnati was 2nd warmest, and Dayton was tied for warmest February on record. Numerous temperature records were broken throughout the Month of February.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	44.0	54.1	33.9	+9.5	78	11
Columbus (CMH)	42.2	51.8	32.6	+9.4	78	9
Dayton (DAY)	41.7	51.6	31.8	+10.7	76	10



Temperatures (Continued)



Precipitation

Because of the unseasonable warmth during the month in the Ohio Valley, there were very few chances for appreciable snowfall in February. This being said, a band of snow did move through on the evening of the 8th, dropping around an inch for many locations in the southern $\frac{3}{4}$ of the area. However, across northern portions of west-central Ohio, persistent banding that evening allowed for 4-6"+ to accumulate in some spots north of I-70. This being said, total snowfall for the month ended well below normal for most of the region.

Although a storm system brought widespread measurable rain to the area from the 6th through the 8th, total precipitation through the first 2/3 of the month was near normal or slightly below normal. Contrary to the prior month of December and January, February yielded numerous days of sunshine and dry conditions.

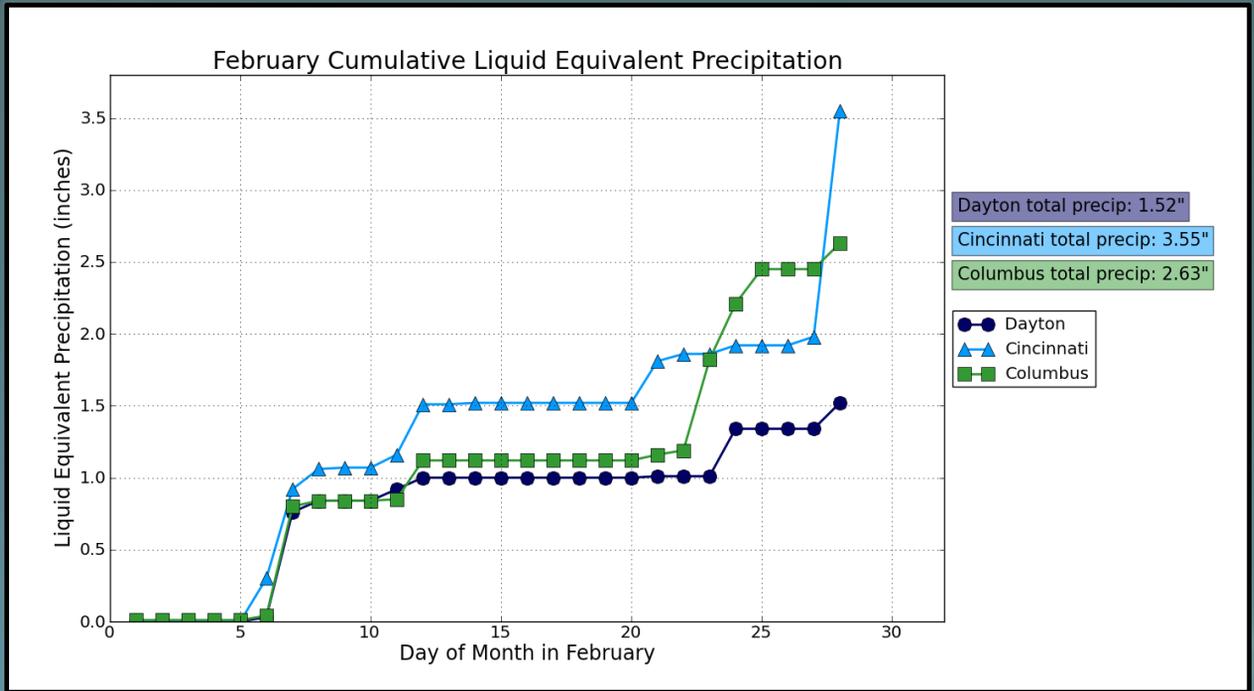
A strong cold front moved through late on the 24th, bringing widespread precipitation, some damaging winds, and large hail to the area. Showers and some thunderstorms moved through on the 28th. A very strong system approached the region at the very end of the month and into the beginning of March.

With the very warm weather of February, snowfall values for the month were very low. Dayton and Columbus had measurable snow on only one day, while Cincinnati had measurable snow on only two days.

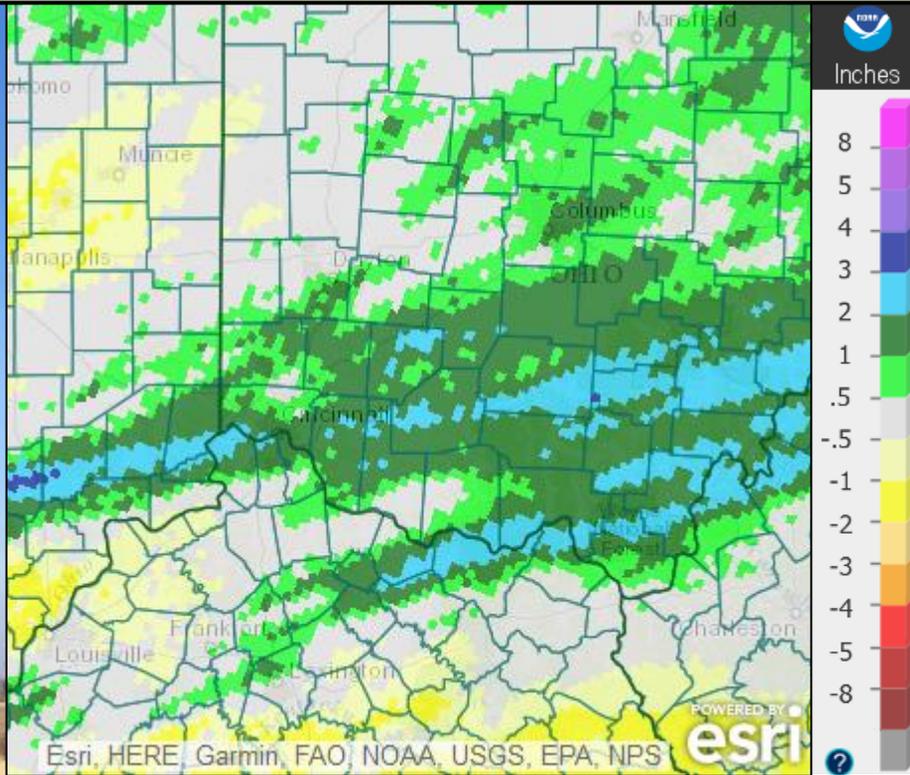
Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)		Total Snowfall (in.)	Max Daily Snowfall (in./date)	
Cincinnati (CVG)	3.55	+0.74	1.57	28th	1.6	1.4	8th
Columbus (CMH)	2.63	+0.38	0.76	7th	0.6	0.6	8th
Dayton (DAY)	1.52	-0.72	0.73	7th	1.2	1.2	8th



Precipitation (Continued)



February Precipitation Departure From Normal (Inches)



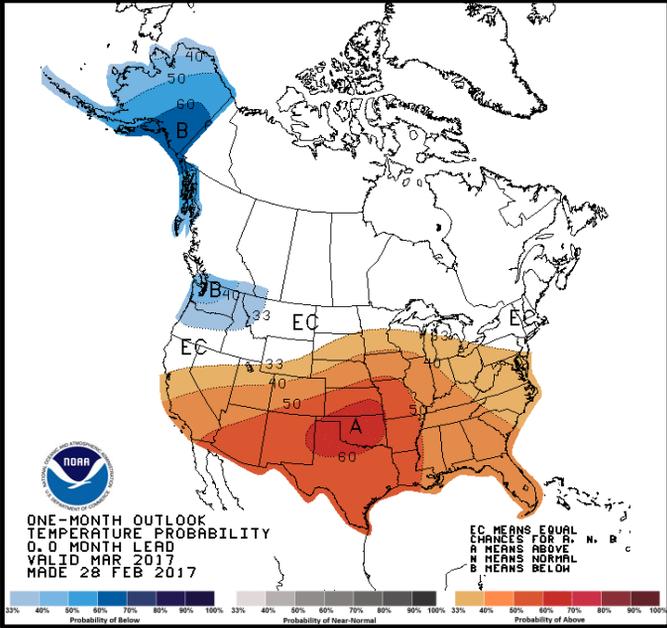
March Outlook

The latest outlook from the Climate Prediction Center calls for an increased likelihood of above normal temperatures. There is an equal chance for above normal, normal, and below normal precipitation.

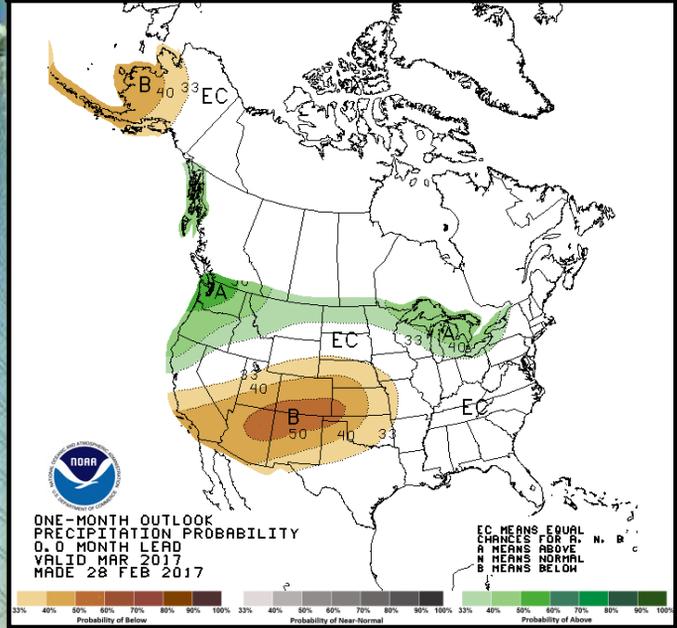
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	43.6	53.2	34.0
Columbus (CMH)	41.9	51.1	32.7
Dayton (DAY)	40.4	49.6	31.2

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	3.96	3.0
Columbus (CMH)	3.02	4.2
Dayton (DAY)	3.34	3.4

Upcoming Temperature Outlook



Upcoming Precipitation Outlook

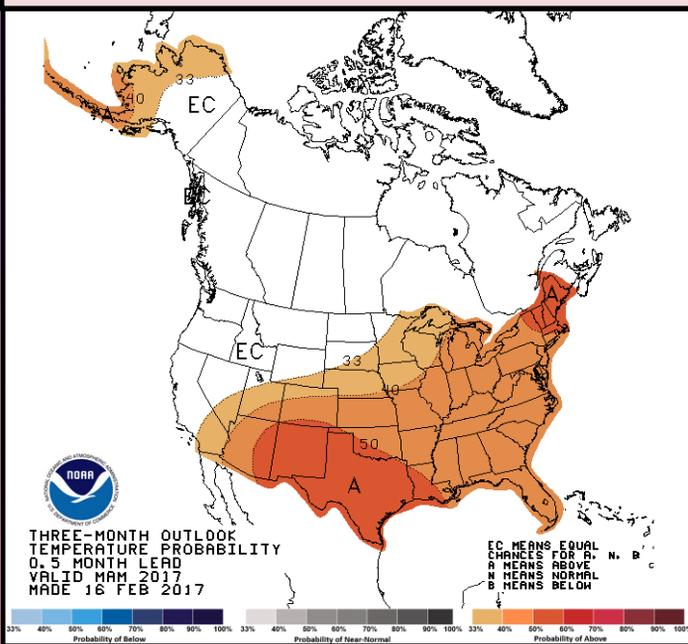


March-May Outlook

After a very warm end to meteorological winter signals indicate a warm spring will also be possible. There is an increased likelihood of above normal temperatures in the March to May timeframe. There is not a strong signal for precipitation with equal chances of above normal, normal, and below normal precipitation.

La Niña conditions are no longer present and ENSO-neutral conditions have returned. ENSO-neutral conditions are expected to continue through at least the spring months.

Three-Month (MAM) Temp. Outlook



Three-Month (MAM) Precip. Outlook

