Historical Climatology: Northwest Ohio

Ohio Climatic Division 1
Northwest

***Included counties**: Williams, Fulton, Lucas, Defiance, Henry, Wood, Paulding, Putnam, Hancock, Van Wert, Allen*

Geography

Ohio Climatic Division 1 is bounded at its northeast corner by Lake Erie. From the northern boundary at the Michigan border, it extends south to include, Lima, Findlay, and Van Wert. The terrain is almost entirely dedicated to agriculture.

Overview

The northeastern corner of the division, near the Toledo area, sees some lake effect during periods of easterly winds, and local lake breezes often moderate temperatures during the summer months. For the most part, however, the climate is continental and driven by the movement of pressure systems across the country. As such, the division does not usually experiences prolonged periods of extreme heat and humidity in the summer or extreme cold during the winter. Summers are generally quite warm, especially in the inland areas, and winters, while not as severe as in more northern locations, can be cold with moderate to heavy snowfall.

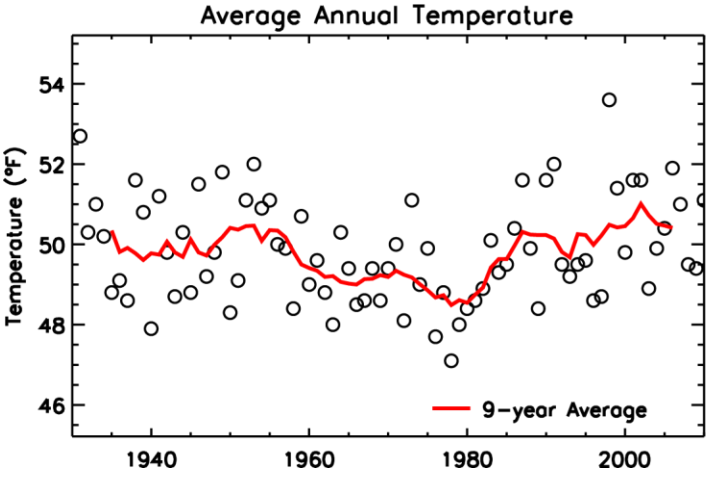
Mean Annual Temperature, 1981-2010	50.2°F	10.1°C
Mean Annual Total Precipitation, 1981-2010	35.9 in	91.3 cm

Changes in Mean Temperature (°F) from 1951-1980 to 1981-2010

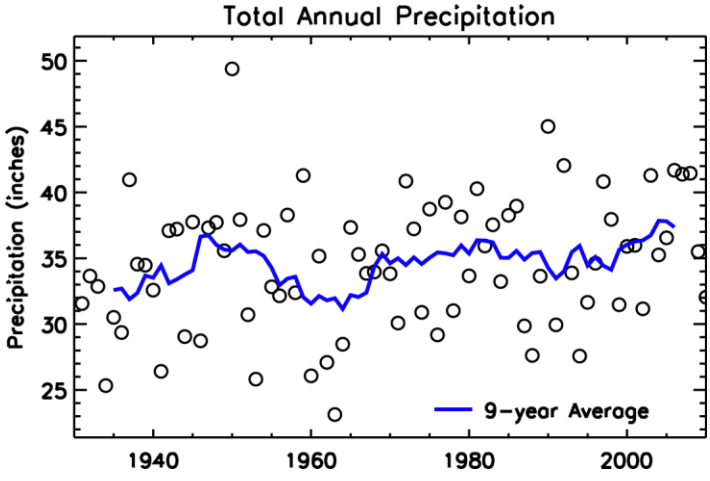
Annual	0.8
Winter, December-February	1.6
Spring, March-May	1.0
Summer, June-August	0.5
Fall, September-November	0.3

Change in Mean Total Precipitation (%) from 1951-1980 to 1981-2010

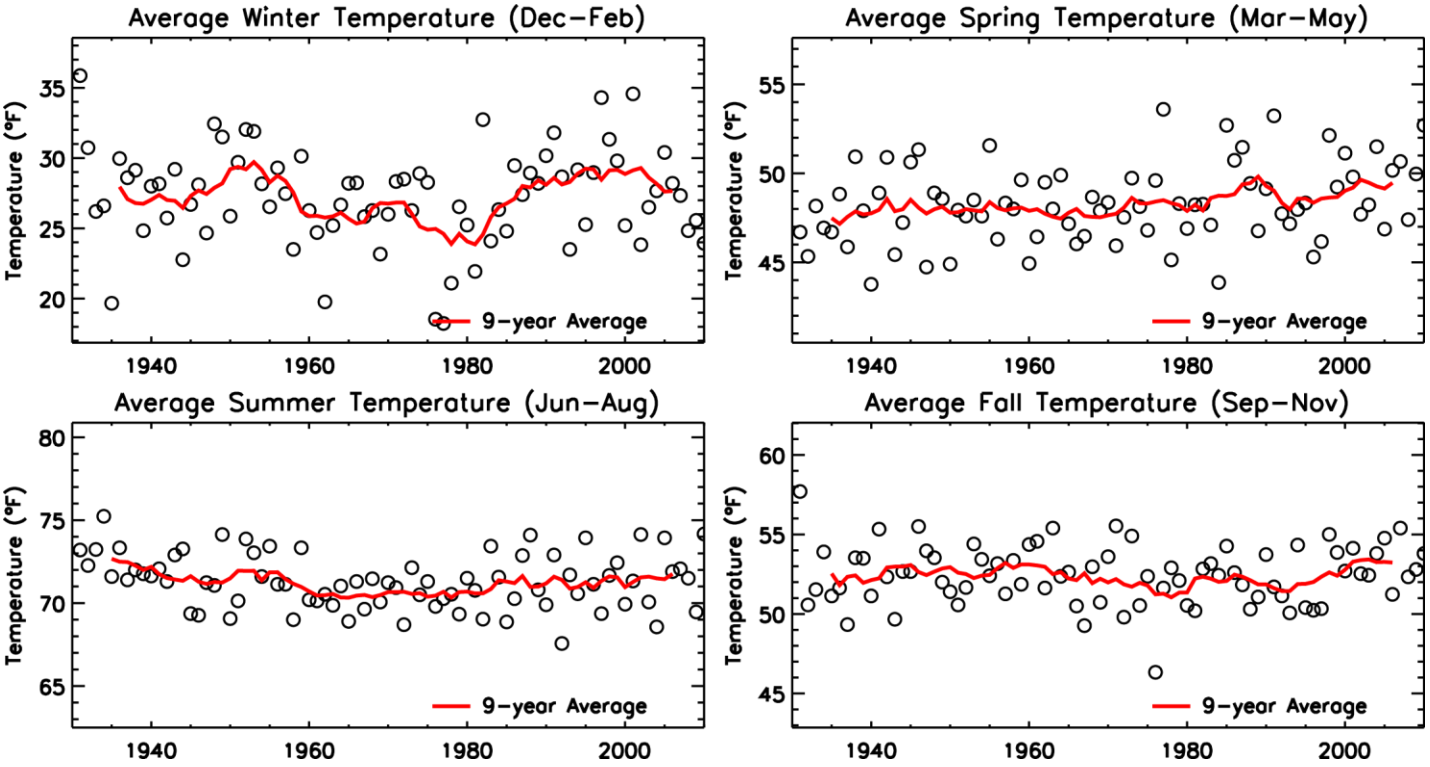
Annual	7.1
Winter, December-February	6.2
Spring, March-May	1.2
Summer, June-August	6.2
Fall, September-November	17.1



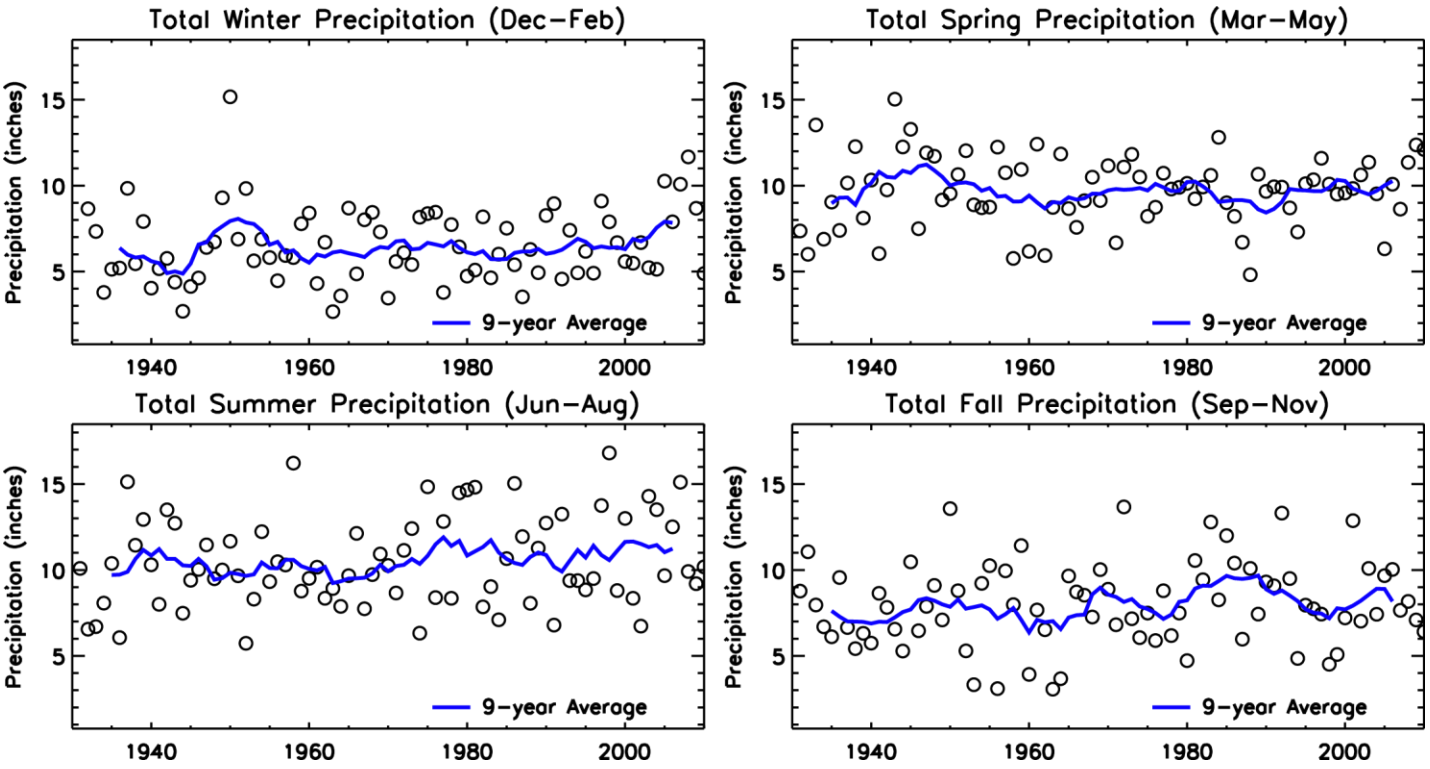
Mean annual temperatures from 1931 to 2011. An open circle represents the average temperature of a single year. The solid line represents the 9-year running mean.



Annual precipitation totals from 1931 to 2011. An open circle represents the total precipitation for a single year. The solid line represents the 9-year running mean.



Mean seasonal temperatures from 1931 to 2011. An open circle represents the average seasonal temperature of a single year. The solid line is the 9-year running mean. Winter values include data from the December of the previous year.



Total seasonal precipitation from 1931 to 2011. An open circle represents the total seasonal precipitation for a single year. The solid line represents the 9-year running mean of the total seasonal precipitation. Winter values include data from the December of the previous year.