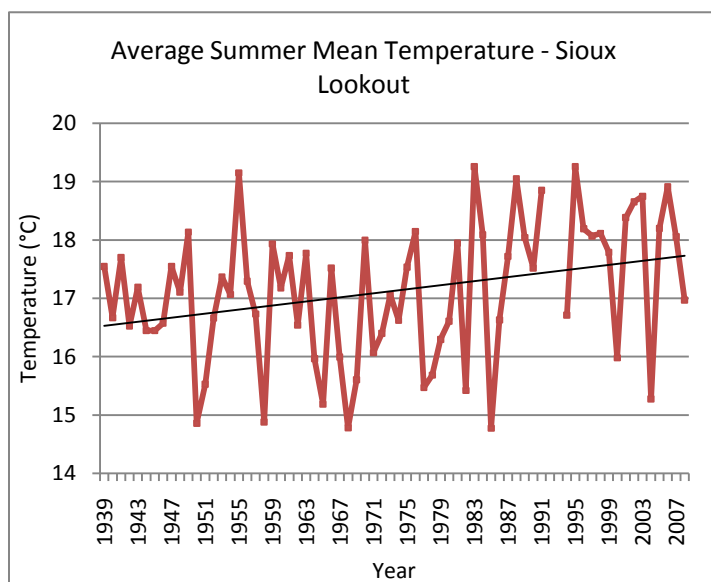
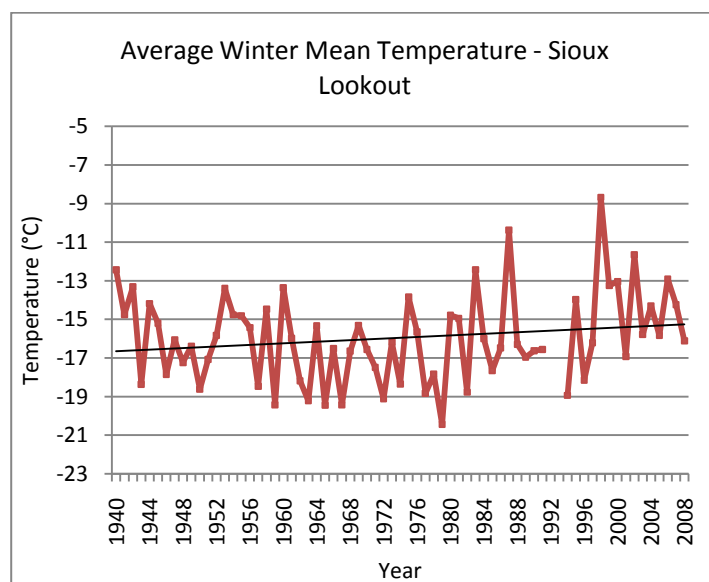
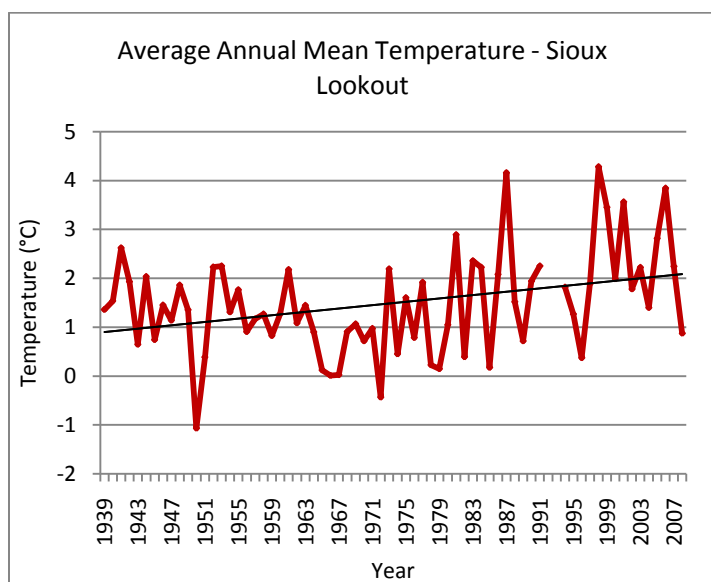


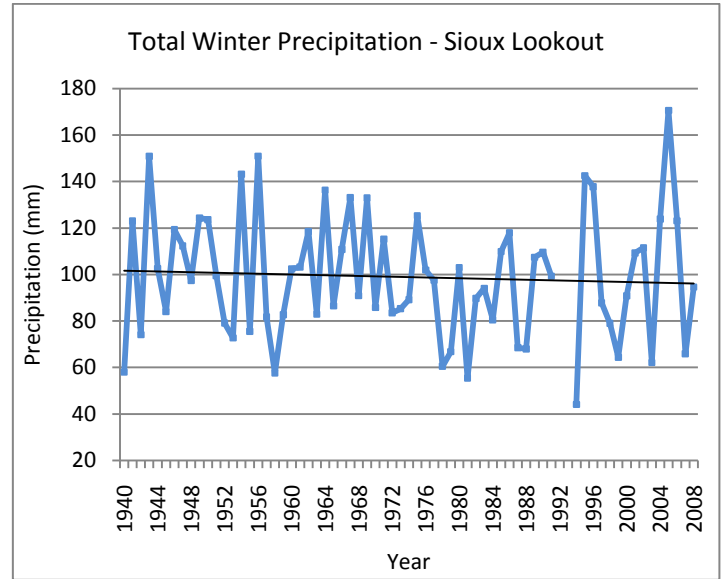
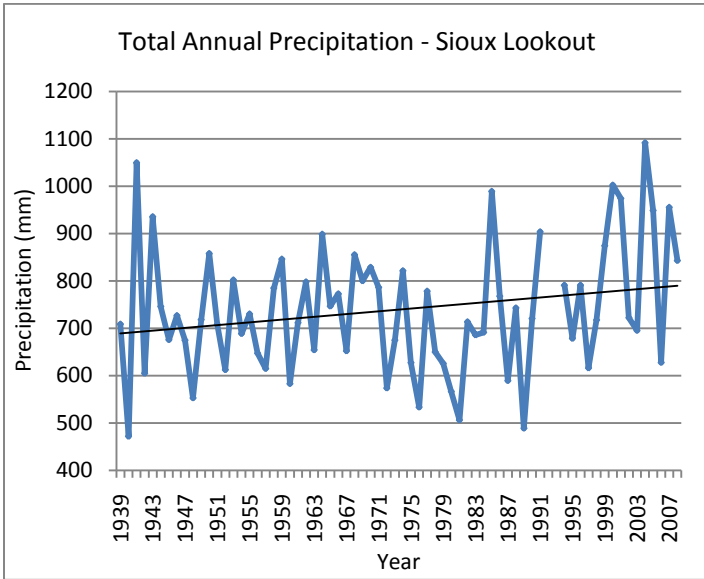
# Climate Trends

## Historical Climate Trends for Sioux Lookout, Ontario

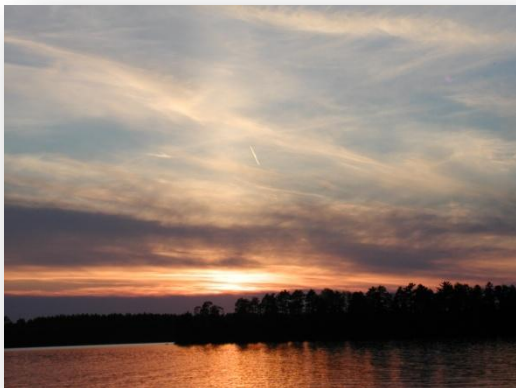
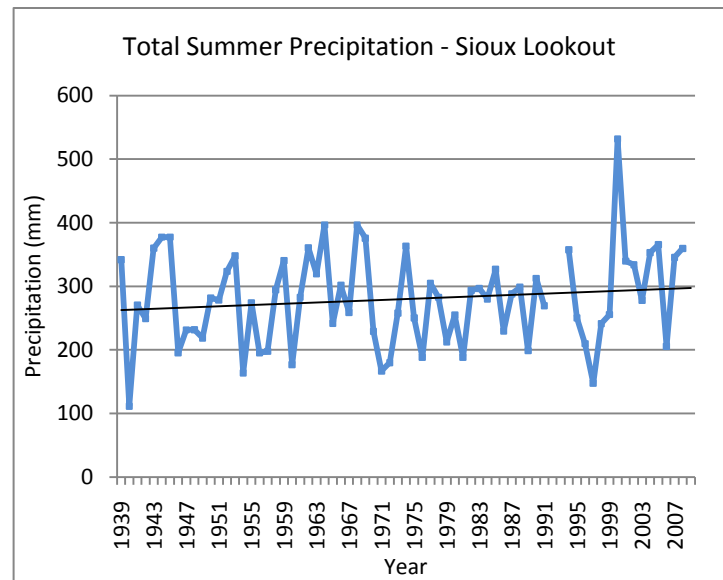
Daily climate data from the Sioux Lookout A weather station, obtained from Environment Canada, was averaged to obtain monthly values for temperature and precipitation (Environment Canada, 2008). Seasonal climate values (winter –DJF and summer – JJA) were calculated by averaging the monthly data. In the following section, temperature and precipitation data, for the years 1955 to 2008, are displayed annually and seasonally (summer and winter).



- Average annual mean temperature (°C) from 1939 to 2008. Data from Sioux Lookout A (Environment Canada, 2008) shows that the temperature at this location has increased by 1.2°C over the 69 years of record.
- Average winter mean temperature (°C) from 1939 to 2008. Data from Sioux Lookout A (Environment Canada, 2008) shows that the temperature at this location has increased by 1.4°C over the 69 years of record.
- Average summer mean temperature (°C) from 1939 to 2008. Data from Sioux Lookout A (Environment Canada, 2008) shows that the temperature at this location has increased by 1.2°C over the 69 years of record.



- Total annual precipitation (mm) from 1939 to 2008. Data from Sioux Lookout A (Environment Canada, 2008) shows that the precipitation at this location has increased by 100 mm over the 69 years of record.
- Total winter precipitation (mm) from 1939 to 2008. Data from Sioux Lookout A (Environment Canada, 2008) shows that the precipitation at this location has decreased by 6 mm over the 69 years of record.
- Total summer precipitation (mm) from 1939 to 2008. Data from Sioux Lookout A (Environment Canada, 2008) shows that the precipitation at this location has increased by 40 mm over the 69 years of record.



This document has been produced by the Ontario Centre for Climate Impacts and Adaptation Resources (OCCIAR) for the Community Adaptation Initiative project.

For more information about OCCIAR please visit

[www.climateontario.ca](http://www.climateontario.ca)

This project has received funding support from the Government of Ontario. Such support does not indicate endorsement by the Government of Ontario of the contents of the material.