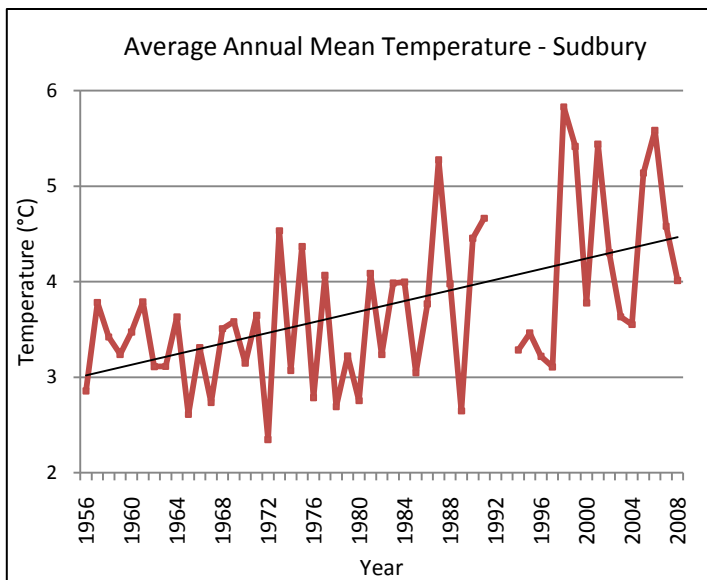


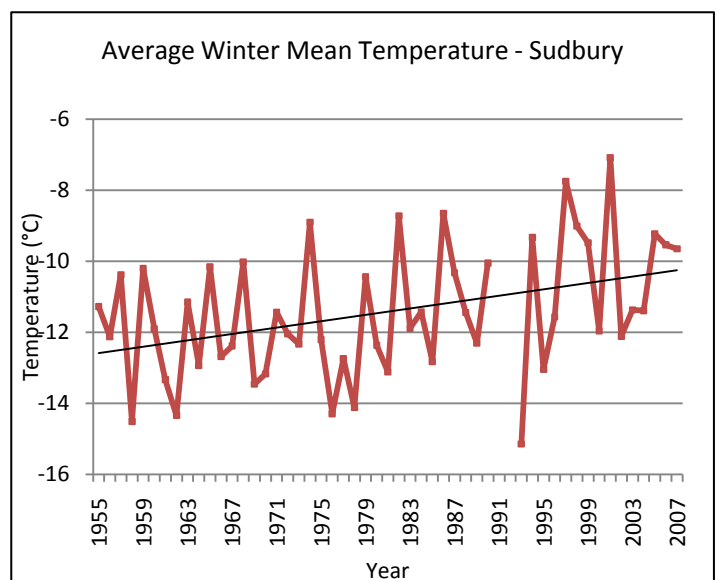
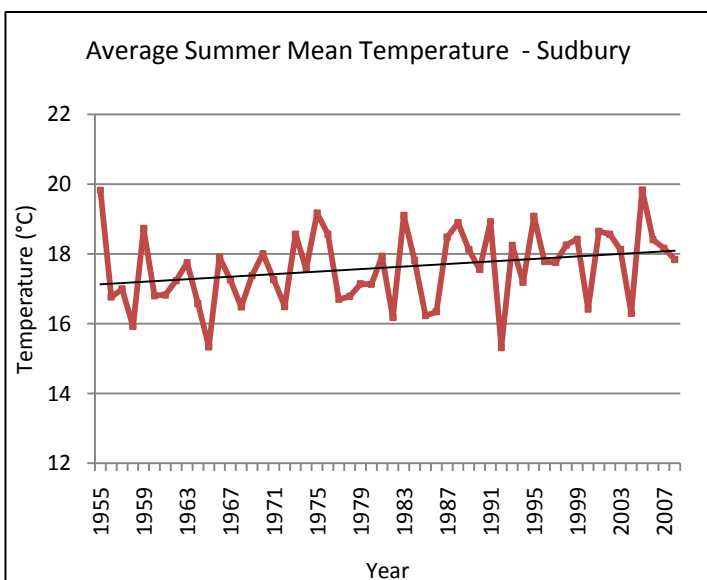
# Climate Trends

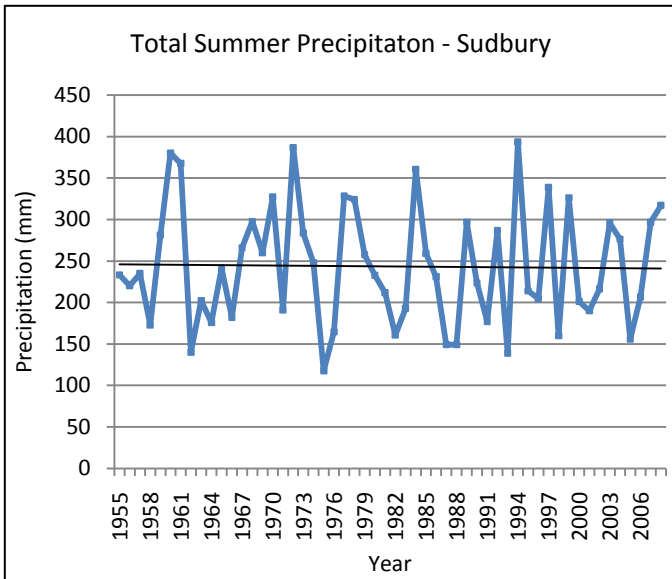
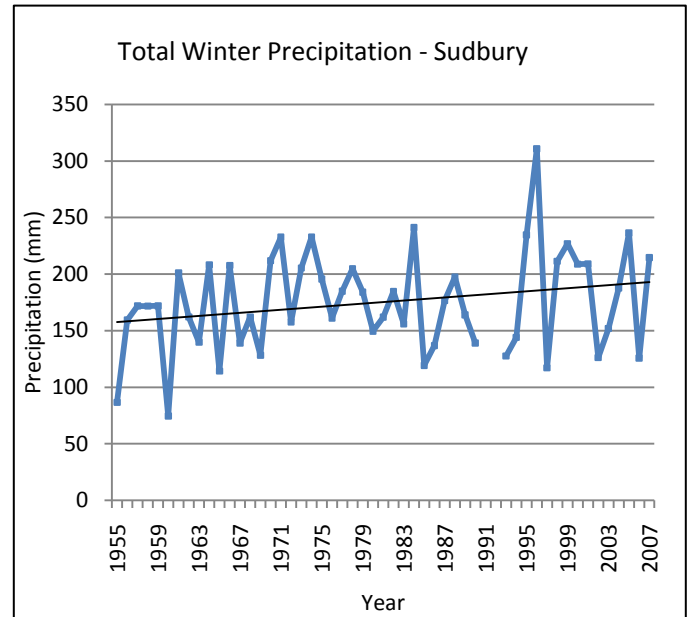
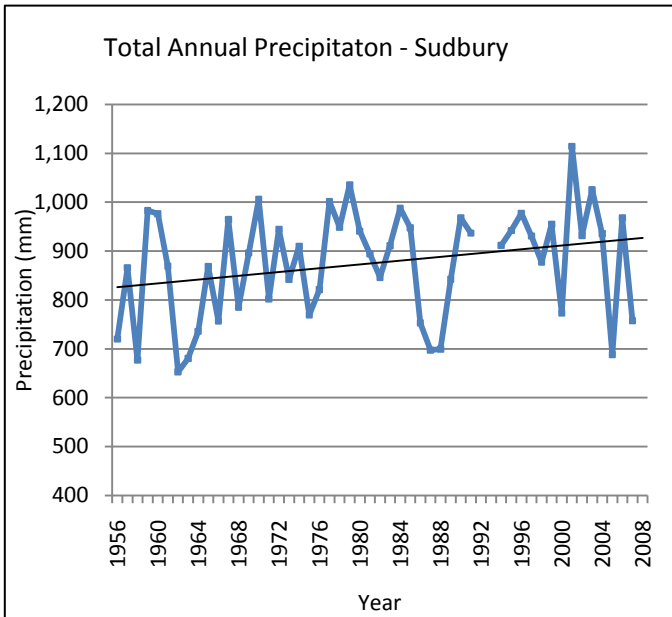
## Historical Climate Trends for Sudbury, Ontario

Daily climate data from Sudbury 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 1956 to 2008, are displayed annually and seasonally (summer and winter). Data was missing from 1992 and 1993 and annual means could not be calculated for these years. Winter means for temperature could not be calculated for 1992 and 1993 and annual mean for precipitation could not be calculated for 2008.



- Average annual mean temperature (°C) from 1956 to 2008. Data from Sudbury A (Environment Canada, 2008) shows that the temperature at this location has increased 1.5°C over the 53 years of record.
- Average winter mean temperature (°C) from 1956 to 2008. Data from Sudbury A (Environment Canada, 2008) shows that the temperature at this location has increased 2.4°C over the 53 years of record.
- Average summer mean temperature (°C) from 1956 to 2008. Data from Sudbury A (Environment Canada, 2008) shows that the temperature at this location has increased 1°C over the 53 years of record.





- Total annual precipitation (mm) from 1956 to 2008. Data from Sudbury A (Environment Canada, 2008) shows that the precipitation at this location has increased 100 mm over the 53 years of record.
- Total winter precipitation (mm) from 1956 to 2008. Data from Sudbury A (Environment Canada, 2008) shows that the precipitation at this location has increased 38 mm over the 53 years of record.
- Total summer precipitation (mm) from 1955 to 2008. Data from Sudbury A (Environment Canada, 2008) shows that the precipitation at this location has decreased very slightly by 6 mm over the 53 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)

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