



## Climate Reference Stations

- The Saskatchewan Research Council (SRC)'s Climate Reference Station (CRS) in Saskatoon is classified as a principal climatological station with supplementary climatological observations. The data recorded have a variety of uses including determining climatic trends.
- In August 2011, SRC officially unveiled a second CRS located at the Conservation Learning Centre south of Prince Albert. This station has the same instruments and takes the same kind of readings as its sister station in Saskatoon.
- Both stations provide a record of observed meteorological elements so that the climate of each area and its changes can be accurately documented and described. Climatological data has assumed new importance as a result of social and environmental issues where climate is a dominant factor.
- The Saskatoon CRS was constructed in 1963 and had its first full year of results in 1964. In 1992, the site became fully automated with the installation of a Campbell Scientific datalogger and automatic sensors.
- Every half hour, readings are taken of elements including temperature, precipitation amount, humidity, wind and atmospheric pressure. Supplemental observations include rate of rainfall, soil temperatures, bright sunshine, snow depth, grass temperature, soil moisture and solar radiation.
- SRC employees educate public and school groups on the importance of the various measurements and tools offered by the CRS through presentations and site tours.
- *SRC appreciates the generosity of the following supporters: Prince Albert Model Forest, Kipp & Zonen, Campbell Scientific Canada Corp., University of Saskatchewan, Conservation Learning Centre and Elaine Wheaton's book, "But It's a Dry Cold".*



For organizations and individuals interested in becoming supporters of SRC's Climate Reference Stations or subscribing to its monthly summary reports, visit [www.src.sk.ca/weather](http://www.src.sk.ca/weather) or:

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