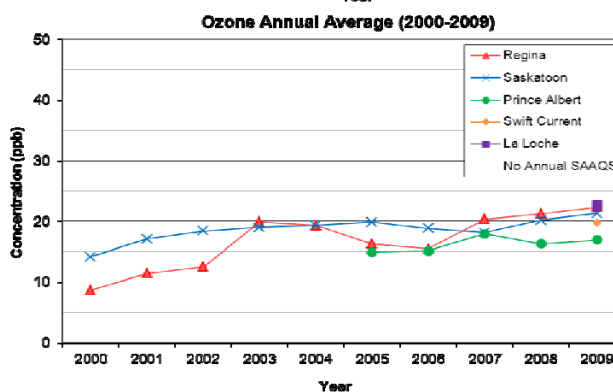
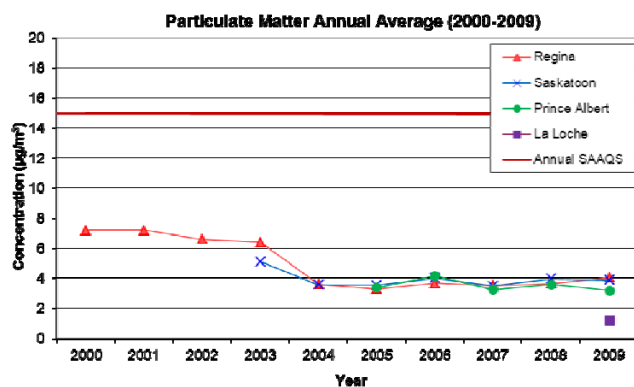
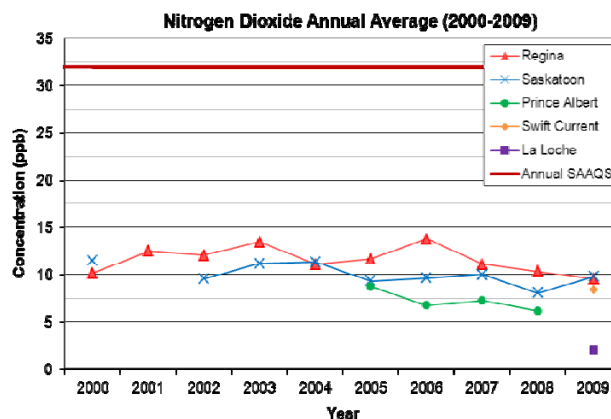
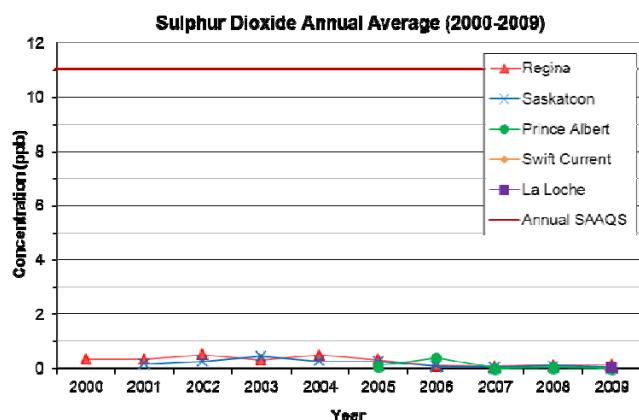


# Saskatchewan Air Quality - 2000-2009 Report Summary



The Ministry of Environment (the ministry) operates a network of air quality monitoring stations across Saskatchewan that measures ambient air quality. Stations in Prince Albert, Regina, Saskatoon and Swift Current operate under the National Air Pollution Surveillance (NAPS) Program. The ministry also owns and operates an air monitoring station in La Loche. In addition to the permanent sites, the ministry operates a mobile air monitoring vehicle called Saskatchewan Air Monitoring Laboratory (SAML). The SAML is used to measure air quality in different centers on a rotational basis for short term projects, industrial surveillance, public complaint investigations, and at locations where air quality is a concern.

This report summarizes the urban air quality data collected in Saskatchewan during a ten year period from January 2000 to December 2009 for the cities of Regina, Saskatoon, Prince Albert, Swift Current and La Loche.



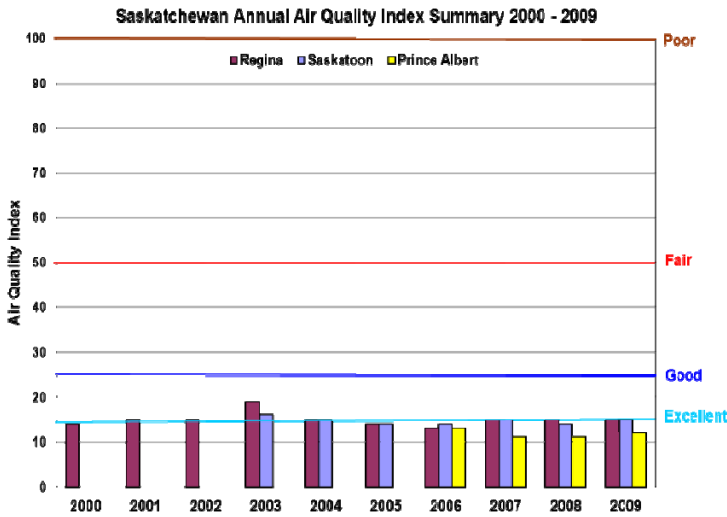
The results show that the maximum levels for sulphur dioxide and nitrogen oxides were well below the Saskatchewan Ambient Air Quality Standards (SAAQS). The trends show a decrease in average values over the past ten years. Likewise, particulate matter (PM<sub>2.5</sub>) shows a decreasing or steady trend. In contrast, ozone results indicate a slightly upward trend.



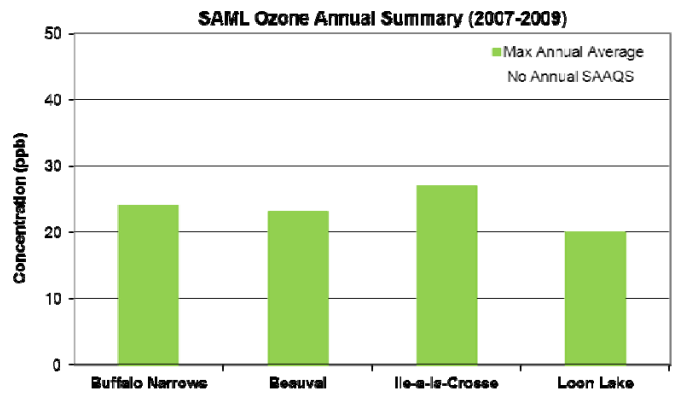
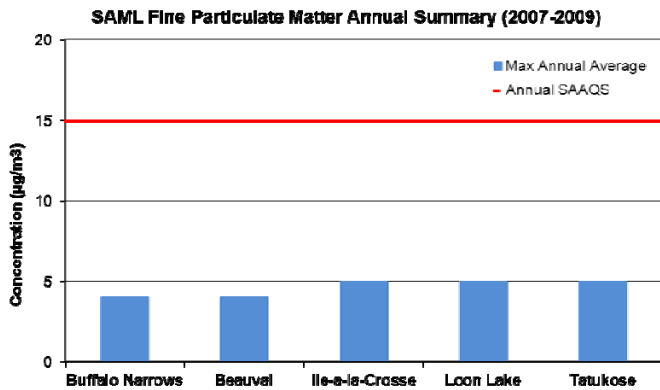
Saskatchewan  
Ministry of  
Environment



Air Quality Index (AQI) is an indicator of air quality, based on air pollutants that have adverse effects on human health and the environment. The AQI is averaged over the entire year for Regina, Saskatoon, and Prince Albert. For the report period the annual AQI was classified as Good.



The SAML is a mobile vehicle capable of remote monitoring. It was deployed at a number of locations in the northwest area of the province as part of a transboundary air monitoring program from October 2007 to December 2009. Overall, mobile monitoring results show that the measured pollutants are below the Saskatchewan ambient air quality standards.



For additional information, visit the Saskatchewan Air Quality Website at:

<http://www.environment.gov.sk.ca/airqualityindex>