

Ambient Air and Acid Precipitation Monitoring in Nova Scotia

Aylesford Mountain NAPS ID: 030701

NO_x, NO, NO₂, O₃, PM_{2.5}, Wind speed/direction

Halifax-Vogue Building NAPS ID: 030118

CO, NO_x, NO, NO₂, O₃, SO₂, VOC

Halifax-Johnston Building NAPS ID: 030113

PM_{2.5}, PM₁₀, speciation

Kentville NAPS ID: 031101

NO_x, NO, NO₂, O₃, PM_{2.5}

Lake Major NAPS ID: 030120

NO_x, NO, NO₂, O₃, PM_{2.5}, SO₂, Wind speed/direction

Pictou NAPS ID: 030901

NO_x, NO, NO₂, O₃, PM_{2.5}, TRS, Wind speed/direction

Port Hawkesbury NAPS ID: 030201

NO_x, NO, NO₂, O₃, PM_{2.5}, SO₂, Wind speed/direction

Sherbrooke NATChem ID: NSPM86442A

Acid Precipitation

Sydney NAPS ID: 030310

CO, NO_x, NO, NO₂, O₃, PM_{2.5}, SO₂, Wind speed/direction

Dayton NAPS ID: 030801 O₃

Jackson/Cobequid NATChem ID: NSPM86341A

Acid Precipitation

Kejimkujik National Park NAPS ID: 030501

Acid Precipitation, Hg, O₃, PM_{2.5}, PM₁₀,

Wind speed/direction, major ions

Legend

CO - Carbon Monoxide

Hg - Mercury

NO_x - Nitrogen Oxides

NO - Nitric Oxide

NO₂ - Nitrogen Dioxide

O₃ - Ground-level Ozone

PM_{2.5} - Fine particulate matter (*diameter < 2.5 microns*)

PM₁₀ - Coarse particulate matter (*diameter < 10 microns*)

Speciation - Speciation profiles of particulate matter

SO₂ - Sulphur Dioxide

TRS - Total Reduced Sulphur

VOC - Volatile Organic Compounds

NAPS - National Air Pollution Surveillance Program

NATChem - Canadian National Atmospheric Chemistry

Ambient Air and Acid Precipitation Monitoring in Nova Scotia

- Operated by Nova Scotia Environment
- Operated by Environment and Climate Change Canada



For data and more information, please visit:

Air Quality Health Index (AQHI) www.airhealth.ca

Nova Scotia Air Zone Report www.novascotia.ca/nse/air/

Nova Scotia Environment data: <http://novascotia.ca/nse/airdata/>

National Air Pollution Surveillance (NAPS) Program:
<http://www.ec.gc.ca/rnsps-naps/>

The Canadian National Atmospheric Chemistry (NATChem) Database and Analysis System: <https://www.ec.gc.ca/natchem/>