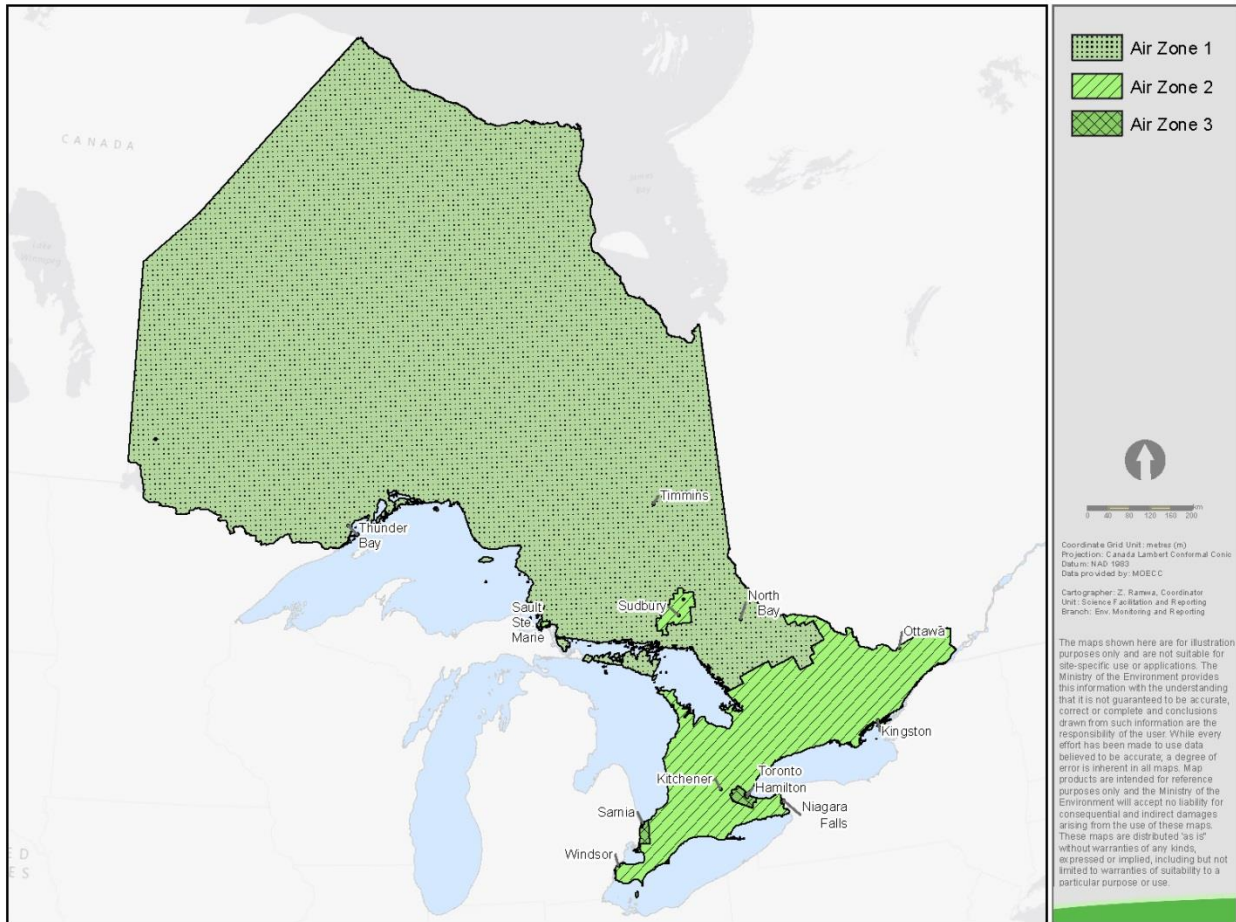


Additional Background and Air Zone Maps

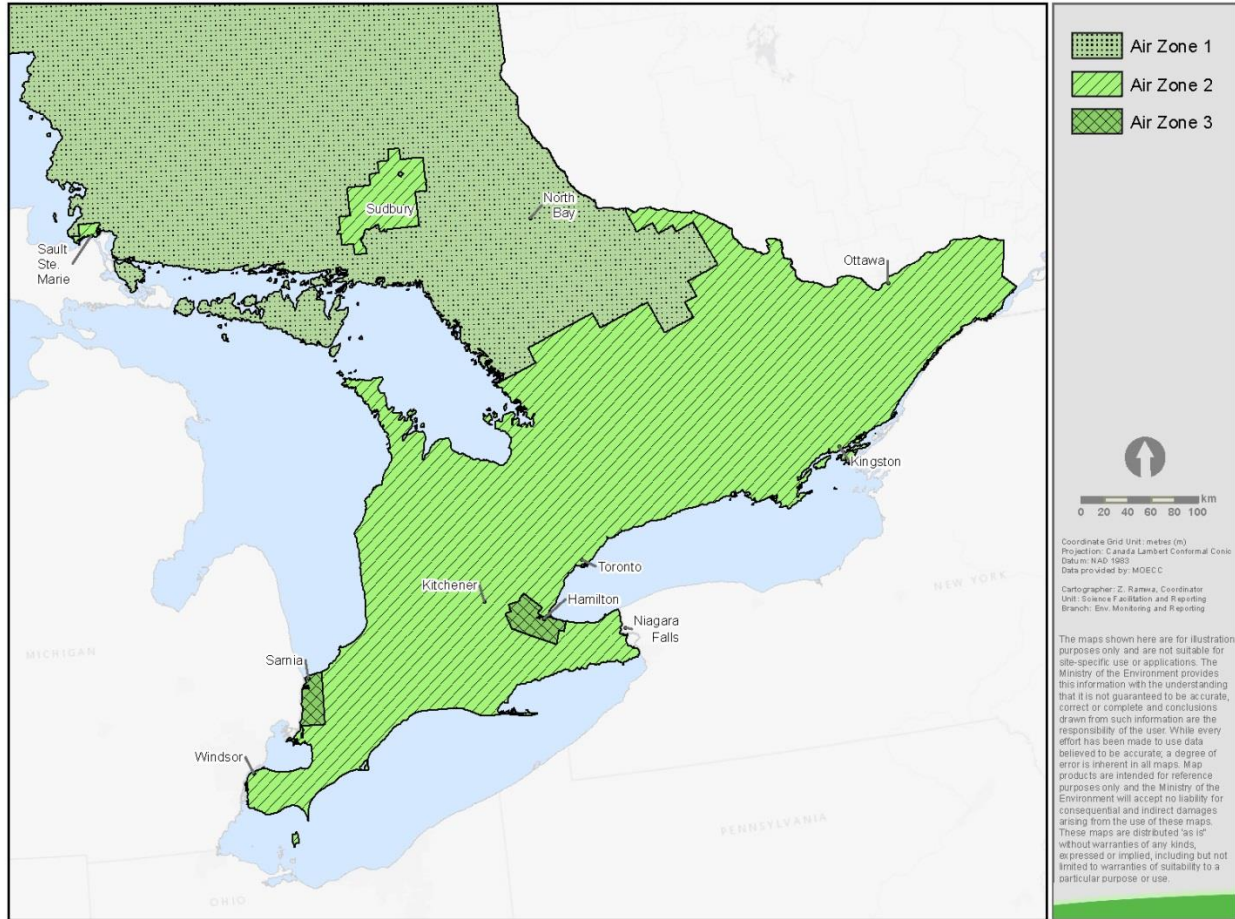
Map 1: Province-Wide View of Air Zones



Air Zone	Geography
Zone 1	Majority of Northern Ontario
Zone 2	Majority of Southern Ontario, Sault. Ste. Marie and the City of Greater Sudbury
Zone 3	City of Hamilton, Sarnia-Area (including the city of Sarnia and Township of St. Clair)

Additional Background and Air Zone Maps

Map 2: Southern Ontario and Near-North View of Air Zones



Air Zone	Geography
Zone 1	Majority of Northern Ontario
Zone 2	Majority of Southern Ontario, Sault. Ste. Marie and the City of Greater Sudbury
Zone 3	City of Hamilton, Sarnia-Area (including the city of Sarnia and Township of St. Clair)

Additional Background and Air Zone Maps

Air Zone Category Description

Three air zone categories have been created for Ontario:

- **Zone 1** - Areas with limited pollution from either point or non-point sources or transboundary influence; where the air quality management activities are focused on maintaining good air quality.
- **Zone 2** - Areas under pressure from multiple sources including some or all of the following: non-point sources, smaller point sources, individual large industrial point sources, transboundary influences; where air quality management activities are focused on multiple broad-based initiatives targeting many sources.
- **Zone 3** - Areas with a concentration of large industrial sources; where air quality management activities are focused on the abatement of local industrial emissions as well as non-industrial sources.

A key consideration of air zone delineation in Ontario is air pollution/emission sources, as such the delineation of air zones does not follow a contiguous pattern across the province.

In all cases, air zone boundaries follow current municipal borders, with the dividing line between two different air zones occurring along an existing administrative line, either the border of a city or township.

As the air zone map above shows:

- Northern Ontario* is largely classified as Zone 1, with the exception of two areas that fall into the Zone 2 – the cities of Sault Ste. Marie and the City of Greater Sudbury both of which have individual large industrial point sources.
- Southern Ontario* is largely classified as Zone 2, with the exception of two areas with a concentration of large industrial emission sources classified as Zone 3 - the City of Sarnia (combined with St. Clair Township), and Hamilton.

**Note:* The dividing line between Northern Ontario and Southern Ontario lies south of the town of Parry Sound to the west and runs all the way to the east, following the southern and eastern boundaries of Algonquin Provincial Park.

Additional Background and Air Zone Maps

Air Zone Management in Ontario

The delineation of air zones is a first step towards air zone management in Ontario. Air zone management is an approach for managing and improving air quality. It involves: selecting and setting indicators and air standards (including limits and triggers or thresholds), monitoring and modelling to assess the air quality, and implementing appropriate actions and activities to manage air.

Many elements of air zone management already take place in Ontario; however, the Ministry will be looking at whether air quality management can be enhanced through the development and implementation of a more comprehensive and integrated approach.

Ontario's approach to air zone management will build on existing legislation, regulations, policies and guidance, and is expected to involve partnerships with governments, stakeholders and communities.

The Ministry intends to engage key stakeholders and the public on the approach to air zone management.