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Criteria Air Pollutants

Air quality data for Criteria Air Pollutants such as sulphur dioxide (SO₂), carbon monoxide (CO), nitrogen dioxide (NO₂), ozone (O₃) and particulate matter (PM) are measured at more than 350 stations in 220 communities in the ten provinces and two territories. For Smog Assessments (ground-level ozone), data for nitric oxide, nitrogen oxides and volatile organic compounds (VOCs) are being collected. Measurements of PM₁₀ and PM_{2.5} (suspended particles with aerodynamic diameters less than 10 micro meters and less than 2.5 micro meters) have been made at Canadian sites since 1984. Sample filters are analyzed for 50 elements (including toxic metals such as arsenic, lead and mercury) 14 inorganic and organic anions (negatively charged ions) and 11 inorganic cations (positively charged ions).

For criteria air contaminants data, send an email to rnsps-napsinfo@ec.gc.ca

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