



Natural and human made PM10

Title

Natural and human made PM10

Publisher

New Zealand's Environmental Reporting Series: The Ministry for the Environment and Statistics New Zealand

Description

We measure the annual concentrations and proportions of natural and anthropogenic particulate matter 10 micrometres or less in diameter (PM10). PM10 in the air comprises solid particles and liquid droplets from both natural and human-made sources. PM10 occurs naturally, for example, as sea salt, dust (airborne soil), or pollen. Airborne soil particles, although natural, are also produced by human-made processes such as construction and industrial activities. Natural particulates can make up a large portion of PM10 in some areas. Research on the health effects of natural particulate matter is inconclusive, and the World Health Organization (WHO) considers all particulate matter of a certain size to be of equal toxicity. Natural particulates are generally in the PM2.5 to PM10 size range, which typically has less harmful health effects than smaller particles. Column headings: - Con_mcg_m3 = Concentration in micrograms per cubic metre ($\mu\text{g}/\text{m}^3$) This dataset relates to the "Natural particulate matter 10 micrometres or less in diameter (PM10)" measure on the Environmental Indicators, Te taiao Aotearoa website.

Source

GNS Science. Regional councils of Wellington, Hawke's Bay; Nelson City Council; Marlborough District Council; Auckland Council

Rights

Creative Commons Attribution 3.0 New Zealand

Rights

Attribution 3.0 New Zealand

Rights

<http://creativecommons.org/licenses/by/3.0/nz/>

Coverage

2006–2013; Takapuna - Auckland, Queen Street - Auckland, Penrose - Auckland, Kingsland - Auckland, Khyber Pass - Auckland, Henderson - Auckland, Hastings, Wainuiomata, Blenheim, Victory Square - Nelson, Tahananui - Nelson, Dunedin

Identifier

<https://data.mfe.govt.nz/table/52443-natural-and-human-made-pm10/>

Type

Dataset

Language

eng-nz

Subject

particulate matter, particulates, sea salt, airborne soil, air quality