

Site C Project

How to Access Air Quality and Climate Monitoring Data

The Site C project has a large network of five air quality stations and seven meteorological (climate) monitoring stations throughout the Peace River valley, from Hudson's Hope in the west to Taylor in the east.

All air quality information is shared with the Province of B.C. and can be accessed online [here](#) or at env.gov.bc.ca/epd/bcairquality/readings/find-stations-map.html



Hover your smartphone camera over the QR code to visit the website.

BC Air Quality Interactive Map

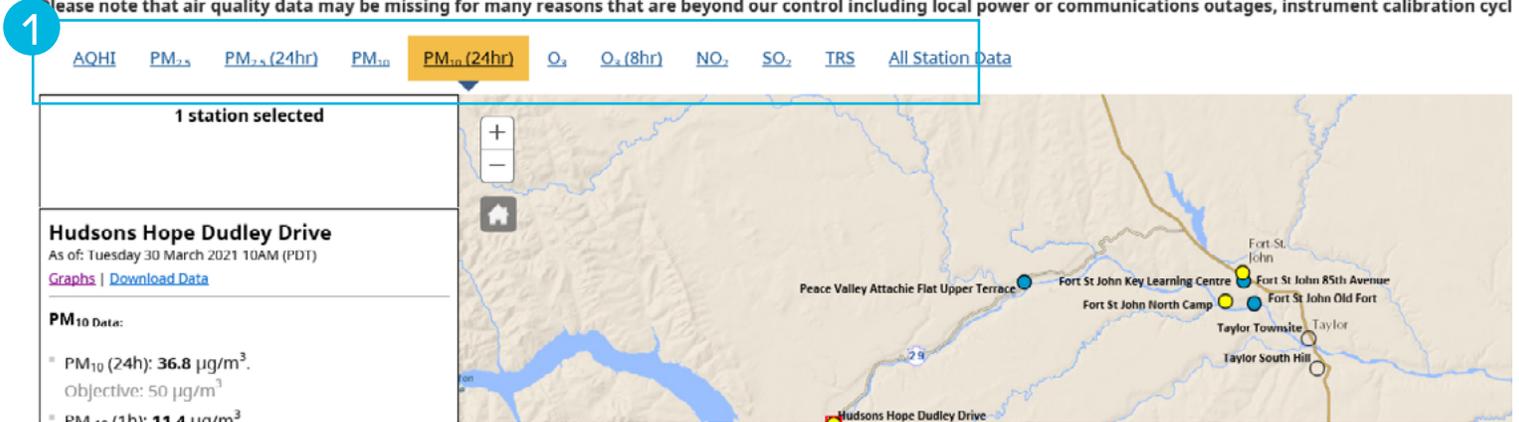
This interactive online map provides a current snapshot of air quality conditions throughout the province.



Current particulate matter - PM₁₀ (24 hour average) data map

View the latest PM₁₀ data. Data is refreshed every 60 minutes. [View instructions on how to use the map.](#)

Please note that air quality data may be missing for many reasons that are beyond our control including local power or communications outages, instrument calibration cycles, or other factors.



1 Type of Particulate

- Smoke and pollen: PM_{2.5}
- Dust: PM₁₀
- Exhaust: Nitrogen dioxide (NO₂), sulphur dioxide (SO₂), carbon monoxide (CO)

Learn more

- Site C's environmental programs: sitecproject.com/environmental-programs
- Subscribe to air quality advisories: gov.bc.ca/gov/content/environment/air-land-water/air/air-quality/air-advisories
- Provincial air quality objectives: gov.bc.ca/gov/content/environment/air-land-water/air/air-quality-management/regulatory-framework/objectives-standards

Northeast Air Zone Data

- Go to gov.bc.ca/gov/content/environment/air-land-water/air/air-quality/current-air-quality-data/northeast-air-zone or enter “North East Air Zone” in your Google search engine
- Select the location of the air quality monitoring station you’re interested in. This provides data for the past 30 days.

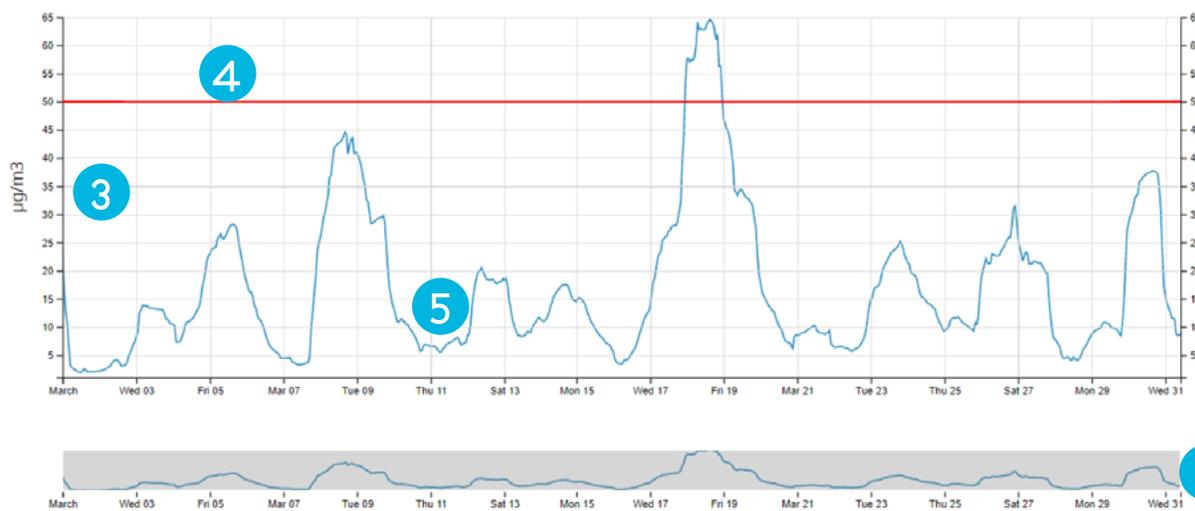


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Hudsons Hope Dudley Drive - Air monitoring station

Latest data at: **Wednesday 31 March 2021 10AM (PDT)**. Current data is displayed below and you can select each one to view a 30-day graph of the analyser.

1	PM2.5 3.9 µg/m ³	PM2.5 (24hr) 2.01 µg/m ³	PM10 17.4 µg/m ³	PM10 (24hr) 8.79 µg/m ³	NO2 -0.6 ppb	NO2 (24h) 0 ppb	SO2 0.1 ppb	SO2 (24hr) 0.11 ppb	Temperature 6.3 °C	Humidity 43.4 %	Wind Speed 3.6 m/s	Wind Direction 207 Degrees (°)	2
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1 TYPE OF PARTICULATE

Instantaneous hourly measurement

- Smoke and pollen: PM2.5
- Dust: PM10
- Exhaust: Nitrogen dioxide (NO₂), sulphur dioxide (SO₂), carbon monoxide (CO)

2 WIND DIRECTION

Wind direction can show potential source of particulate. Describes the direction that the wind is coming from. A direction of 0 degrees is from the north, 90 degrees is from the east, 180 degrees is from the south, and 270 degrees is from the west.

3 PARTICLE CONCENTRATION

Concentration in mass (microgram) per cubic metre (µg/m³) or volume (part per billion, ppb).

4 ACCEPTABLE LIMIT

Provincially acceptable limit (red line does not appear if the amount measured is too far below the limit to be visible).

5 ROLLING AVERAGE

24-hour rolling average for amount of particulate found in the air, as compared to the provincially acceptable limit.

6 DATE RANGE

Scroll across the grey bar to change the date range.