

## Fort Air Partnership January to March 2023 Air Monitoring Results

From January through March 2023, Fort Air Partnership (FAP) recorded 12,716 hours of air monitoring data for use in calculating the [Air Quality Health Index \(AQHI\)](#) at seven stations in our Airshed.

Hours monitored	Low-risk AQHI	Moderate-risk AQHI	High-risk AQHI	Very-high risk AQHI
12,716	10,157	2,249	107	3

(All in hours)

- 10,157 (or 79.9%) of the hours were of low-risk AQHI.
- 2,249 (or 19.2%) of the hours were moderate-risk AQHI.
- 110 (or .009%) were high or very high-risk AQHI.

### Summary of Exceedances

There were 59 one-hour exceedances of the [Alberta Ambient Air Quality Objectives \(AAAQO\)](#), 30 exceedances of the 24-hour, and six (6) exceedances of the three-day objective in the first three months of 2023.

Wintertime [temperature inversions](#) caused the majority of the exceedances. Three exceedances were caused by industry coupled with a wintertime temperature inversion.

*Air quality measurements are compared continuously to both one and 24-hour AAAQOs. An exceedance of an AAAQO is reported to the Alberta Government, and the likely cause of the exceedance is investigated.*

For an online version of this news release, click [here](#).

For more details: [January to March 2023 air monitoring report](#).

FAP has ten continuous air monitoring stations in and around Alberta's Industrial Heartland. The AQHI and near real-time data for every substance at every station are available at [fortair.org](http://fortair.org). Information about FAP is also available by calling 1-800-718-0471. FAP's monitoring and reporting on substances that affect air quality is transparent, guided by a scientific advisory group and driven by national and provincial standards.

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