



KITIMAT AIRSHED GROUP

Quarterly Air Quality Data Reports 2023

January – March 2023

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Kitimat Airshed Group Society

Quarterly Data Summary Reports for January 1 to March 31, 2023

This quarterly data summary report includes ambient air quality stations in Kitimat, Haisla Village and Terrace. These reports are automatically generated using unverified data extracted from the BC Air Data Archive (Envista database) managed by the Ministry of Environment and Climate Change Strategy (BC ENV). Summary reports will be posted quarterly to provide an overview of the air quality status in the Kitimat Terrace airshed. These reports are reviewed and elaborated on by the Data Review Committee. Thank you to Annie Seagram, BC Ministry of Environment and Climate Change Strategy, for the new reporting format.

During this quarter, Rio Tinto's aluminum smelter was operating at approximately 75% production capacity as of March 24, 2023. Their coke calciner was restarted on March 30th. The reduced production capacity for the smelter resulted from a 2021 labour disruption resolved in early October. Smelter restart activities commenced in May 2022 and will continue into the 3rd quarter of 2023. Rio Tinto is in the process of resuming normal operations of the coke calciner. Further information can be found on the [Rio Tinto BC Works Website](#). Trinity Consultants maintains and operates the air quality stations for Rio Tinto in Kitimat and at Lakelse Lake.

Other notable activities in the Kitimat airshed are the ongoing construction at [LNG Canada's](#) project site.

Submitted by Brittany Bayne on behalf of the Kitimat Airshed Data Review Committee

270 City Centre
Kitimat, BC, V8C 2H7



Ministry of
Environment and
Climate Change Strategy

Automated Data Summary for
Kitimat Haisla Village
2023 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Climate Change Strategy

Generated:
3 April 2023

Note

This report is generated automatically and contains unvalidated data.

Kitimat Haisla Village

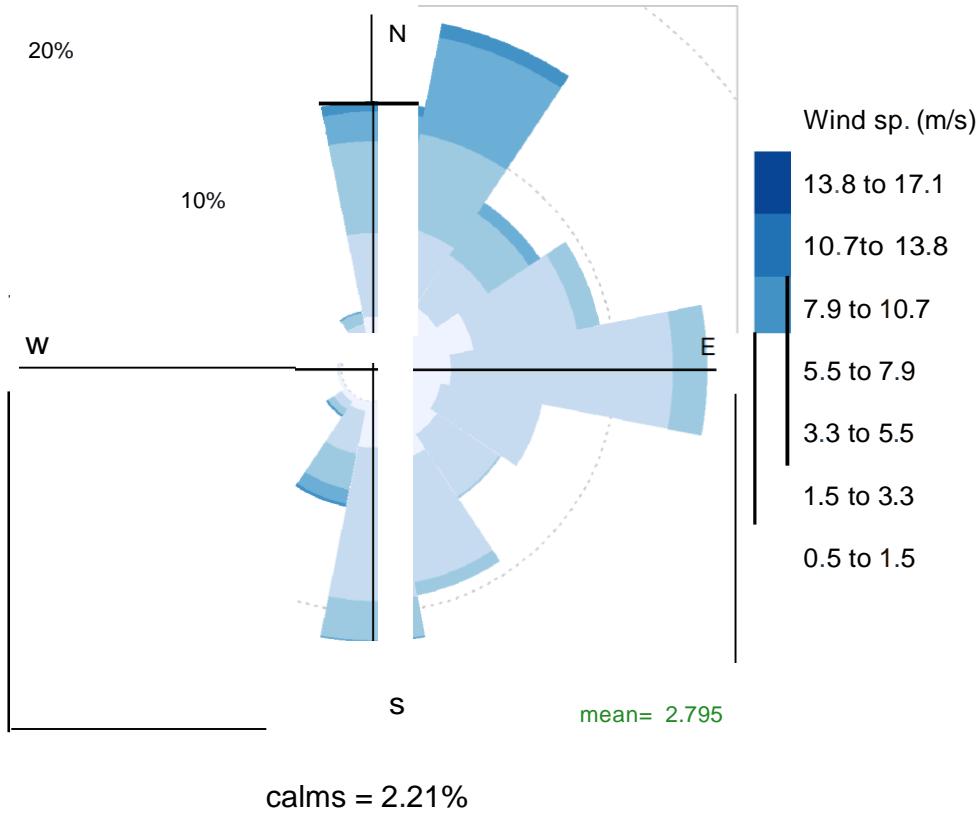
2023 Q1

| Parameter | Unit | Avg Prd | Obj | Excd | Qtr Avg | % Neg | Min | Max | Prd of Max | % Comp | Comp |
|-----------|-------|---------|-----|------|---------|-------|-------|------|---------------------|--------|------|
| SO2 | ppb | 1 H | 70 | 0 | 0.8 | 8.0 | -0.7 | 10.2 | 2023-03-17 18:00:00 | 94.7 | Y |
| PM2.5 | ug/m3 | 1 H | | | 3.8 | 0.0 | 0.0 | 31.0 | 2023-02-07 22:00:00 | 99.3 | Y |
| | ug/m3 | 24 H | 25 | 0 | 3.9 | 0.0 | 1.0 | 10.0 | 2023-01-02 | 100.0 | Y |
| Wind spd | m/s | 1 H | | | 2.7 | 0.0 | 0.0 | 9.8 | 2023-02-23 04:00:00 | 98.3 | Y |
| Temp | °C | 1 H | | | 1.6 | | -12.1 | 14.9 | 2023-03-28 17:00:00 | 99.8 | Y |

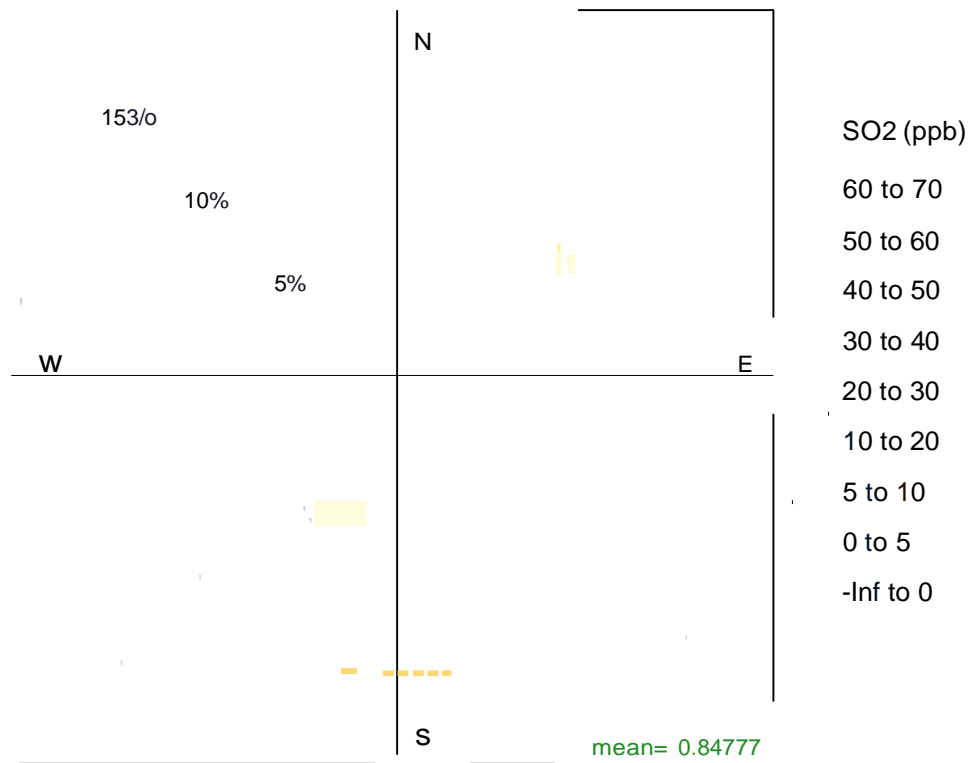
Avg = Average; Comp = Completeness; Excd = number of exceedances; Neg = negative data; Obj = Air quality objective; Prd = Period; Qtr = Quarter
 Comp threshold is 60%

| Parameter | Conversion | Unit | Notes |
|-----------|------------|-------------|-------|
| SO2 | 1 : 2.62 | ppb : ug/m3 | |
| PM2.5 | | | |
| Wind spd | | | |
| Temp | | | |

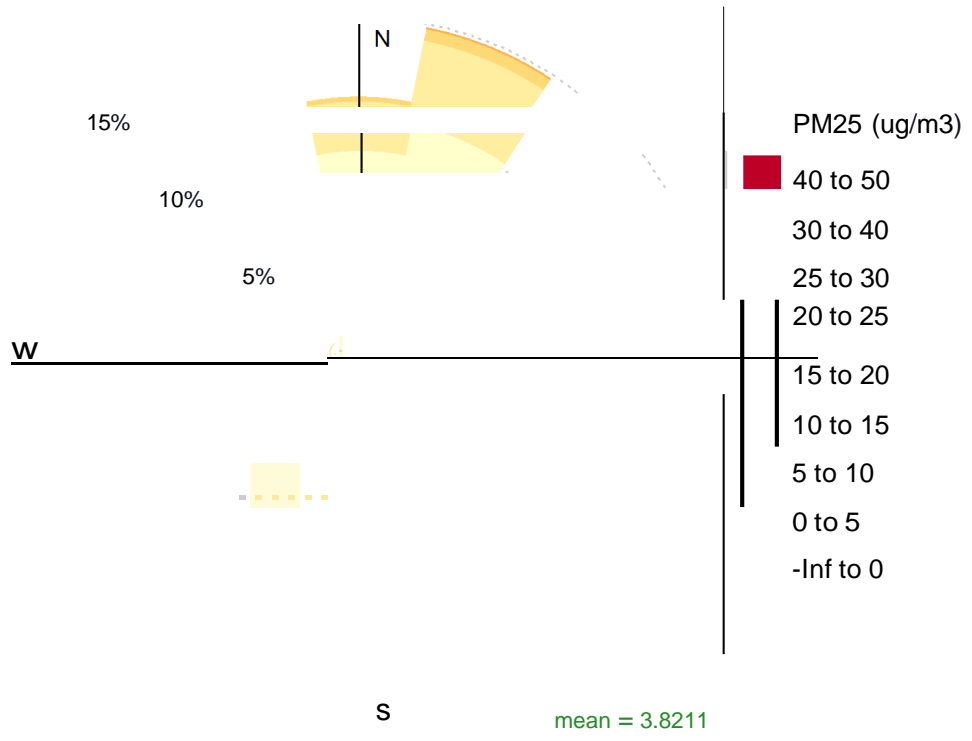
Windrose
 Kitimat Haisla Village - 2023 Q1



SO2 pollution rose
 Kitimat Haisla Village - 2023 Q1



PM2.5 pollution rose
Kitimat Haisla Village - 2023 01



Kitamaat Village Station Downtime and Maintenance Summary Q1 2023 – Trinity Consultants

| Station | Start Date | Start Hour | End Date | End Hour | Parameters | Description |
|---------|------------|------------|------------|----------|------------|--|
| Village | 2023-01-03 | 1700 | 2023-01-03 | 1700 | PM | BAM Flow Check and Maintenance |
| Village | 2023-01-11 | 1200 | 2023-01-11 | 1200 | SO2 | Filter Replaced |
| Village | 2023-01-26 | 1500 | 2023-01-26 | 1700 | SO2 | Multipoint Verification and Adjustment |
| Village | 2023-02-23 | 1200 | 2023-02-23 | 1200 | PM | Tape Changed |
| Village | 2023-03-02 | 1200 | 2023-03-02 | 1400 | SO2 | MOE Audit |
| Village | 2023-03-02 | 1200 | 2023-03-02 | 1200 | PM | MOE Audit |
| Village | 2023-03-10 | 1700 | 2023-03-10 | 1700 | SO2 | Filter Replaced |
| Village | 2023-03-13 | 1300 | 2023-03-13 | 1400 | SO2 | Troubleshooting (Minor) Voltage Alarm |
| Village | 2023-03-23 | 900 | 2023-03-23 | 900 | SO2 | SO2 As Found Multipoint Verification |
| Village | 2023-03-23 | 1000 | 2023-03-23 | 1100 | SO2 | SO2 Maintenance |
| Village | 2023-03-23 | 1200 | 2023-03-23 | 1400 | SO2 | SO2 Multipoint Verification After Adjustment / Maintenance |
| Village | 2023-03-27 | 1500 | 2023-03-27 | 1500 | SO2 | Cylinder Comparison (Troubleshooting) |
| Village | 2023-03-27 | 1600 | 2023-03-27 | 1700 | PM | BAM Flow Check and Maintenance |



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Automated Data Summary for

Kitimat Haul Road 2023 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Climate Change Strategy

Generated:
3 April 2023

Note

This report is generated automatically and contains unvalidated data.

Kitimat Haul Road

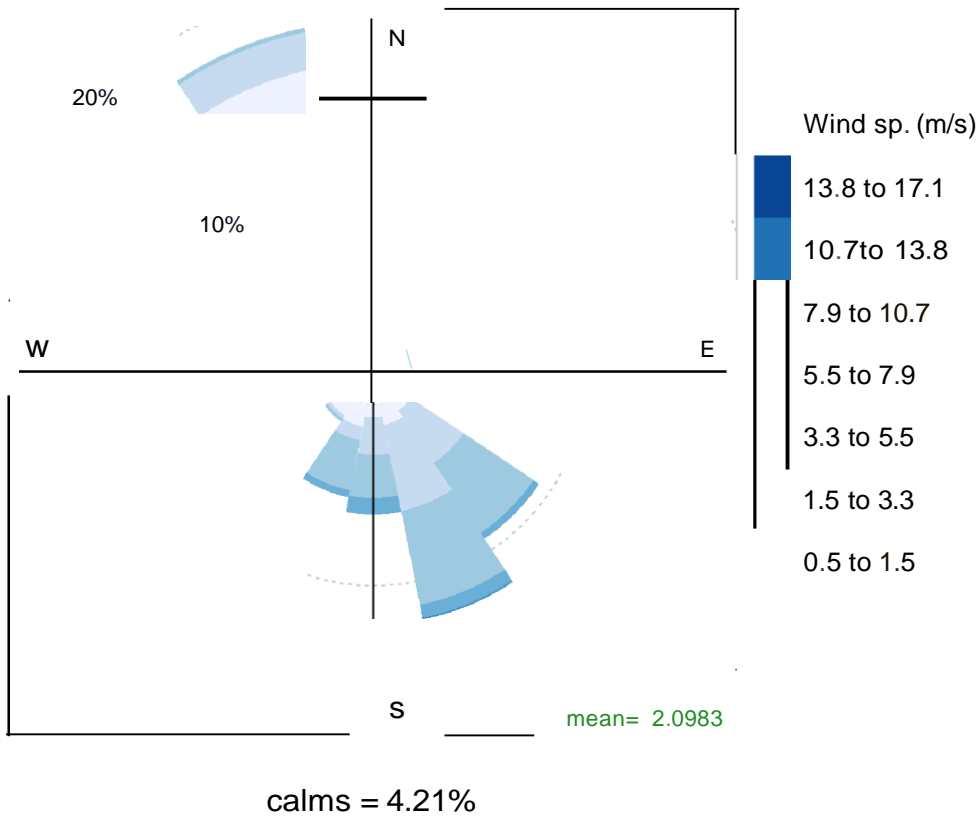
2023 Q1

| Parameter | Unit | Avg Prd | Obj | Excd | Qtr Avg | % Neg | Min | Max | Prd of Max | % Comp | Comp |
|-----------|-------|---------|-----|------|---------|-------|-------|------|--|--------|------|
| SO2 | ppb | 1 H | 70 | 0 | 2.8 | 0.1 | -0.1 | 56.9 | 2023-03-03 06:00:00 | 95.1 | Y |
| HF | ppb | 1 H | 63 | 0 | 0.1 | 0.0 | -0.1 | 0.2 | More than 5 occurrences (n = 148) | 95.1 | Y |
| | ppb | 24 H | | | 0.1 | 0.0 | 0.0 | 0.2 | 2023-01-25 2023-01-26 2023-02-12 2023-02-13 2023-02-19 | 100.0 | Y |
| PM2.5 | ug/m3 | 1 H | | | 4.2 | 0.0 | 0.0 | 47.0 | 2023-03-20 17:00:00 | 99.4 | Y |
| | ug/m3 | 24 H | 25 | 0 | 4.2 | 0.0 | 1.4 | 14.0 | 2023-03-20 | 100.0 | Y |
| Wind spd | m/s | 1 H | | | 2.0 | 0.0 | 0.0 | 8.5 | 2023-03-02 15:00:00 | 100.0 | Y |
| Temp | °C | 1 H | | | 0.9 | | -11.7 | 14.5 | 2023-03-28 16:00:00 | 100.0 | Y |

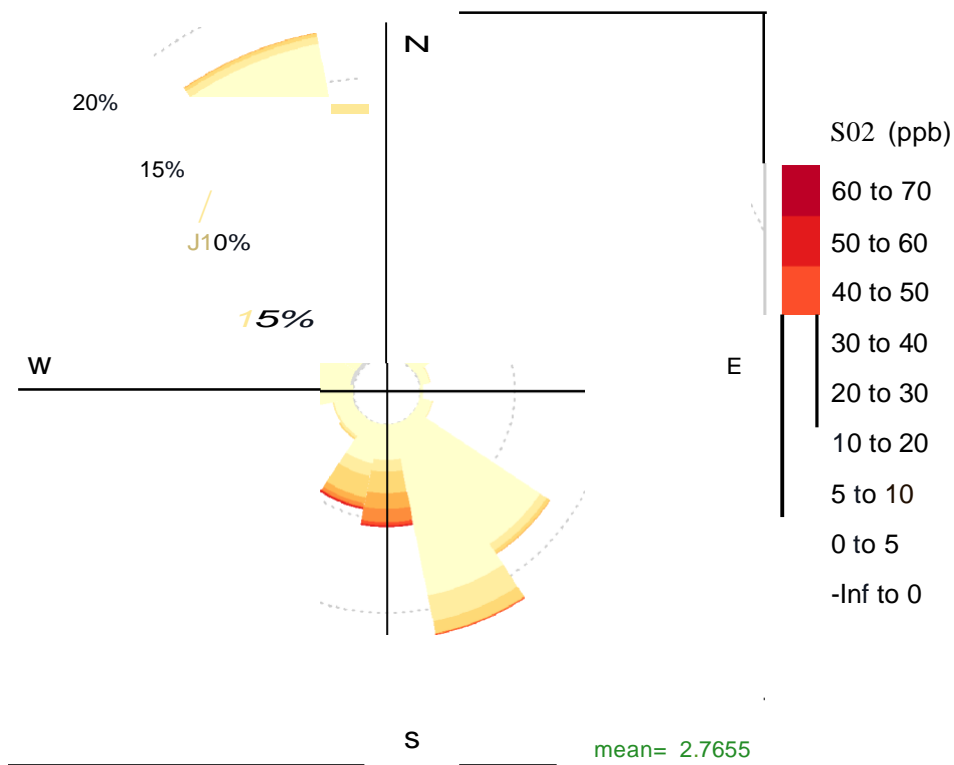
Avg = Average; Comp = Completeness; Excd = number of exceedances; Neg = negative data; Obj = Air quality objective; Prd = Period; Qtr = Quarter
Comp threshold is 60%

| Parameter | Conversion | Unit | Notes |
|-----------|------------|-------------|-------|
| SO2 | 1 : 2.62 | ppb : ug/m3 | |
| HF | 1 : 0.82 | ppb : ug/m3 | |
| PM2.5 | | | |
| Wind spd | | | |
| Temp | | | |

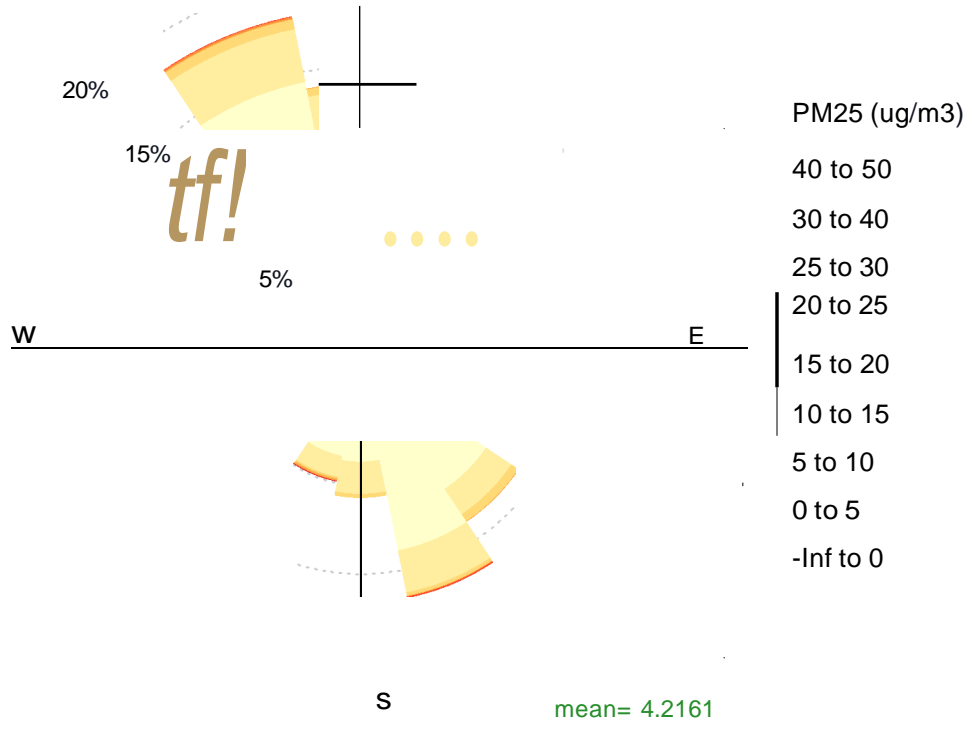
Windrose
Kitimat Haul Road - 2023 Q1



S02 pollution rose
Kitimat Haul Road - 2023 Q1



PM2.5 pollution rose
 Kitimat Haul Road - 2023 01



Haul Road Station Downtime and Maintenance Summary Q1 2023 – Trinity Consultants

| Station | Start Date | Start Hour | End Date | End Hour | Parameters | Description |
|-----------|------------|------------|------------|----------|------------|--------------------------------------|
| Haul Road | 2023-01-12 | 1400 | 2023-01-12 | 1400 | SO2/HF | Filters Replaced |
| Haul Road | 2023-01-27 | 1300 | 2023-01-27 | 1400 | PM | BAM Flow Check and Maintenance |
| Haul Road | 2023-02-14 | 1400 | 2023-02-14 | 1400 | SO2/HF | Filters Replaced |
| Haul Road | 2023-02-16 | 1300 | 2023-02-16 | 1400 | PM | BAM Flow Check and Maintenance |
| Haul Road | 2023-02-23 | 1700 | 2023-02-23 | 1700 | PM | Tape Changed |
| Haul Road | 2023-03-01 | 1200 | 2023-03-01 | 1300 | SO2/HF | MOE Audit |
| Haul Road | 2023-03-01 | 1300 | 2023-03-01 | 1300 | PM | MOE Audit |
| Haul Road | 2023-03-10 | 1400 | 2023-03-10 | 1500 | SO2/HF | Filters Replaced and Maintenance |
| Haul Road | 2023-03-27 | 900 | 2023-03-27 | 1100 | SO2/HF | As Found SO2 Multipoint Verification |
| Haul Road | 2023-03-28 | 1500 | 2023-03-28 | 1500 | SO2/HF | As Found HF Multipoint Verification |



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Automated Data Summary for
Kitimat Industrial Ave
2023 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Climate Change Strategy

Generated:
3 April 2023

Note

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Kitimat Industrial Ave

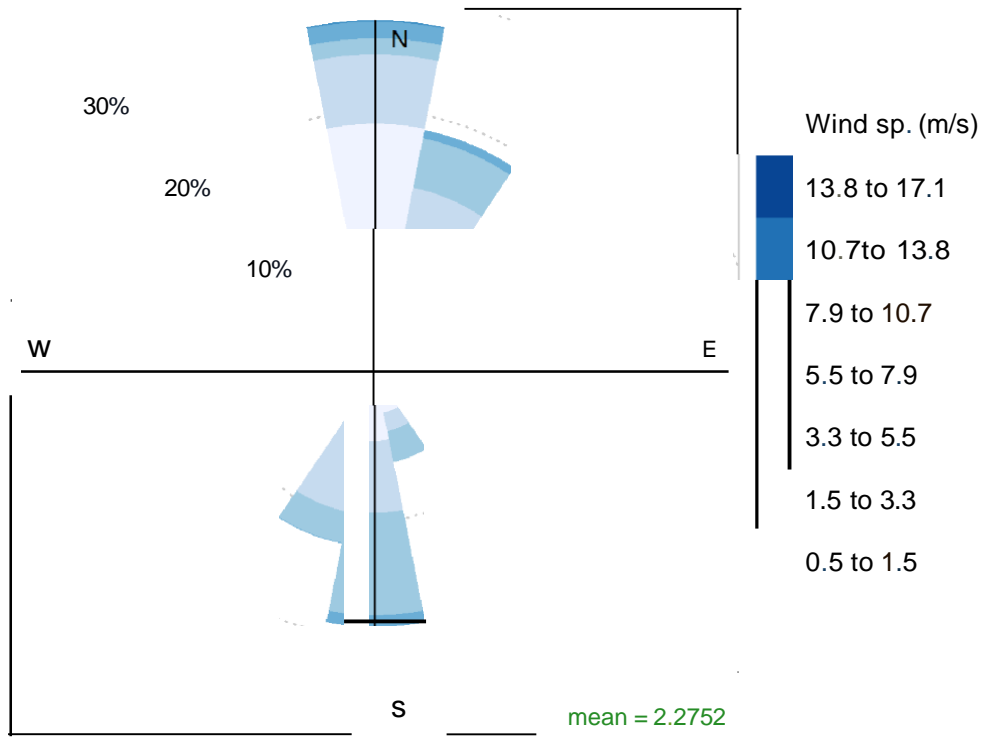
2023 Q1

| Parameter | Unit | Avg Prd | Obj | Excd | Qtr Avg | % Neg | Min | Max | Prd of Max | % Comp | Comp |
|-----------|------|---------|-----|------|---------|-------|-------|------|---------------------|--------|------|
| SO2 | ppb | 1 H | 70 | 0 | 1.9 | 0.0 | 0.0 | 27.8 | 2023-03-16 14:00:00 | 88.7 | Y |
| Wind spd | m/s | 1 H | | | 1.9 | 0.0 | 0.0 | 8.5 | 2023-02-23 15:00:00 | 93.7 | Y |
| Temp | °C | 1 H | | | 0.3 | | -11.3 | 14.8 | 2023-03-28 16:00:00 | 88.0 | Y |
| Humidity | % RH | 1 H | | | 84.4 | 0.0 | 21.1 | 97.5 | 2023-01-27 11:00:00 | 87.1 | Y |

Avg = Average; Comp = Completeness; Excd = number of exceedances; Neg = negative data; Obj = Air quality objective; Prd = Period; Qtr = Quarter
 Comp threshold is 60%

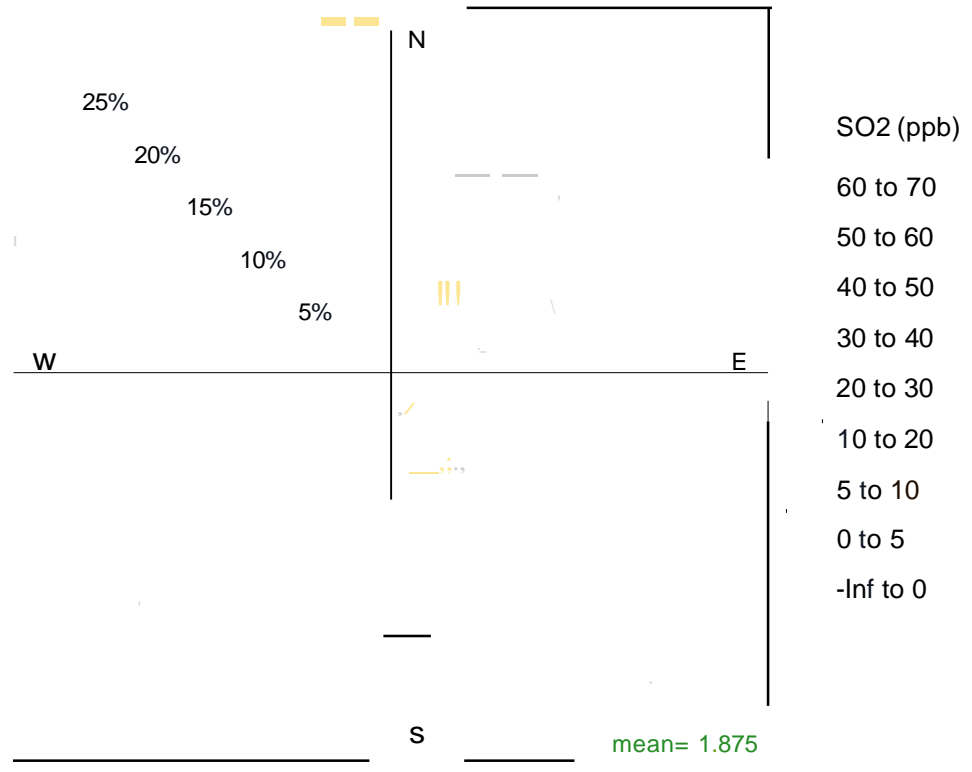
| Parameter | Conversion | Unit | Notes |
|-----------|------------|-------------|-------|
| SO2 | 1 : 2.62 | ppb : ug/m3 | |
| Wind spd | | | |
| Temp | | | |
| Humidity | | | |

Windrose
Kitimat Industrial Ave - 2023 Q1



calms = 0.41%

S02 pollution rose
Kitimat Industrial Ave - 2023 Q1



Industrial Avenue Station Downtime and Maintenance Summary Q1 2023 – Trinity Consultants

| Station | Start Date | Start Hour | End Date | End Hour | Parameters | Description |
|------------|------------|------------|------------|----------|------------|--------------------------------------|
| Industrial | 2023-01-09 | 1000 | 2023-01-09 | 1000 | SO2 | Pump Replaced |
| Industrial | 2023-02-10 | 1200 | 2023-02-10 | 1200 | SO2 | Filters Replaced |
| Industrial | 2023-03-02 | 900 | 2023-03-02 | 1000 | SO2 | MOE Audit |
| Industrial | 2023-03-13 | 1200 | 2023-03-13 | 1200 | SO2 | Filters Replaced |
| Industrial | 2023-03-16 | 1100 | 2023-03-16 | 1100 | SO2 | As Found SO2 Multipoint Verification |
| Industrial | 2023-03-11 | 1000 | 2023-03-13 | 1000 | SO2 | Generator Failure |
| Industrial | 2023-03-16 | 1200 | 2023-03-17 | 1100 | SO2 | Generator Failure |
| Industrial | 2023-03-19 | 1800 | 2023-03-20 | 1300 | SO2 | Generator Failure |
| Industrial | 2023-03-24 | 2100 | 2023-03-27 | 1000 | SO2 | Generator Failure |



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Automated Data Summary for

Kitimat Riverlodge 2023 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Climate Change Strategy

Generated:
3 April 2023

Note

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Kitimat Riverlodge

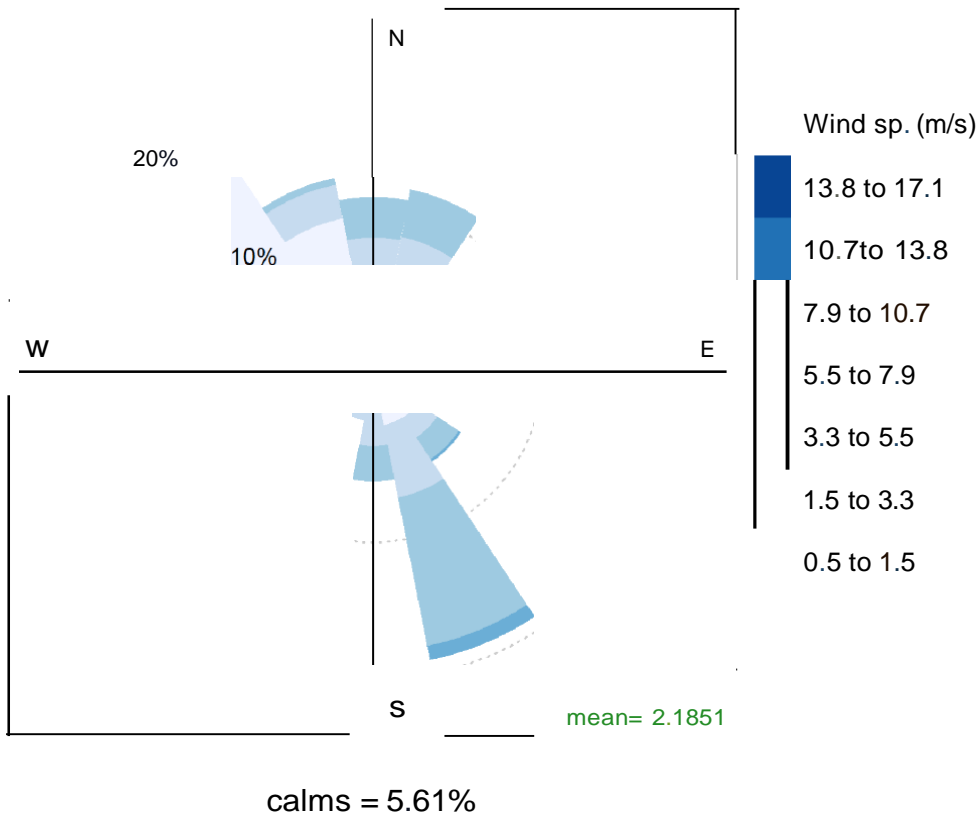
2023 Q1

| Parameter | Unit | Avg Prd | Obj | Excd | Qtr Avg | % Neg | Min | Max | Prd of Max | % Comp | Comp |
|-----------|-------|---------|-----|------|---------|-------|-------|-------|------------------------------------|--------|------|
| SO2 | ppb | 1 H | 70 | 0 | 0.7 | 0.0 | 0.2 | 17.2 | 2023-02-14 13:00:00 | 95.0 | Y |
| HF | ppb | 1 H | 63 | 0 | 0.1 | 0.0 | 0.0 | 0.1 | More than 5 occurrences (n = 1422) | 95.3 | Y |
| | ppb | 24 H | | | 0.1 | 0.0 | 0.0 | 0.1 | More than 5 occurrences (n = 65) | 100.0 | Y |
| PM2.5 | ug/m3 | 1 H | | | 4.0 | 0.0 | 0.0 | 17.0 | 2023-01-10 19:00:00 | 99.3 | Y |
| | ug/m3 | 24 H | 25 | 0 | 4.0 | 0.0 | 1.8 | 8.0 | 2023-03-20 | 100.0 | Y |
| PM10 | ug/m3 | 1 H | | | 5.5 | 0.0 | 0.0 | 149.0 | 2023-03-20 15:00:00 | 99.5 | Y |
| | ug/m3 | 24 H | 50 | 0 | 5.5 | 0.0 | 1.6 | 39.2 | 2023-03-20 | 100.0 | Y |
| Wind spd | m/s | 1 H | | | 2.1 | 0.0 | 0.0 | 6.9 | 2023-03-30 13:00:00 | 99.6 | Y |
| Temp | °C | 1 H | | | 0.6 | | -32.3 | 15.4 | 2023-03-28 17:00:00 | 100.0 | Y |

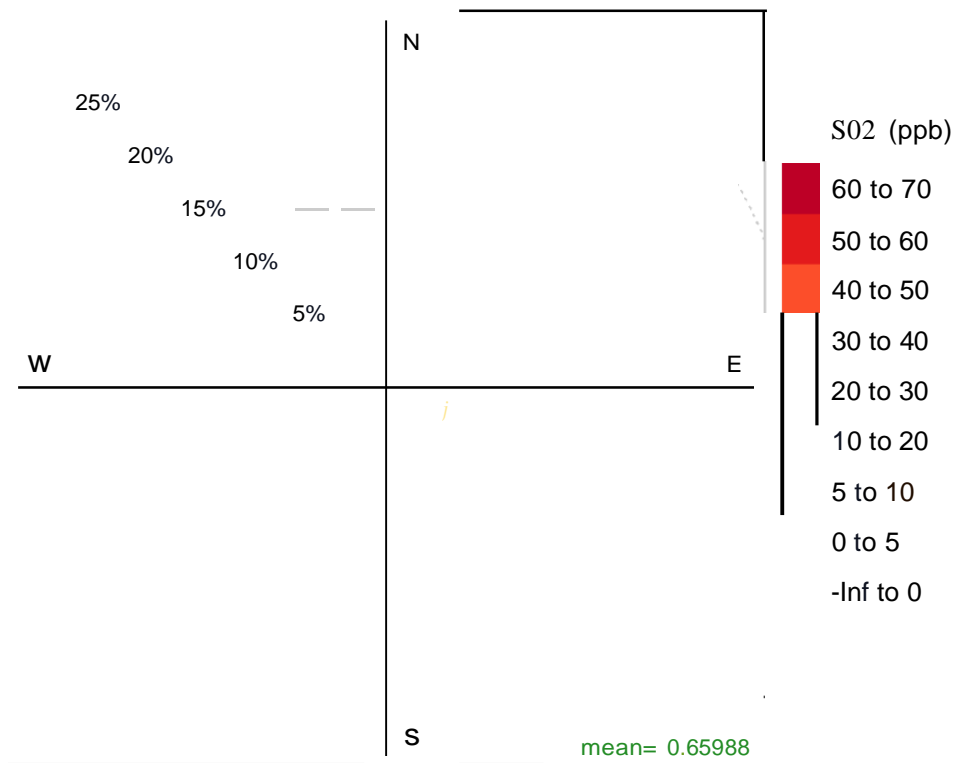
Avg = Average; Comp = Completeness; Excd = number of exceedances; Neg = negative data; Obj = Air quality objective; Prd = Period; Qtr = Quarter
 Comp threshold is 60%

| Parameter | Conversion Unit | Notes |
|-----------|-------------------------|-------|
| SO2 | 1 : 2.62 ppb : ug/m3 | |
| HF | 1 : 0.82 ppb : ug/m3 | |
| PM2.5 | | |
| PM10 | | |
| Wind spd | | |
| Temp | | |

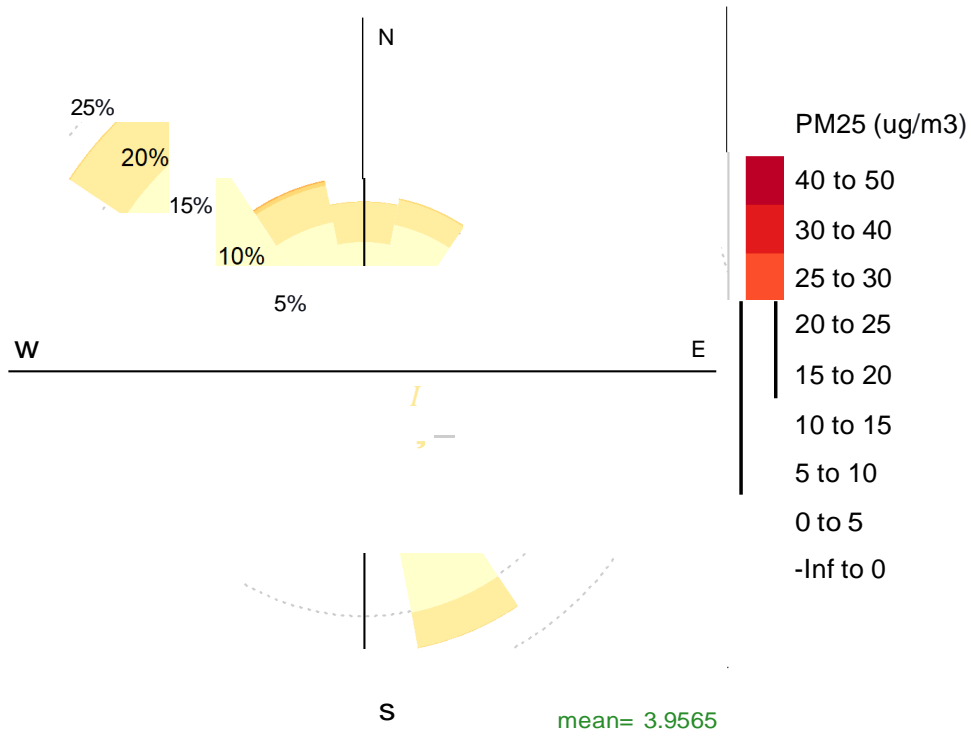
Windrose
Kitimat Riverlodge - 2023 Q1



S02 pollution rose
Kitimat Riverlodge - 2023 Q1



PM2.5 pollution rose
Kitimat Riverlodge - 2023 01



Riverlodge Station Downtime and Maintenance Summary Q1 2023 – Trinity Consultants

| Station | Start Date | Start Hour | End Date | End Hour | Parameters | Description |
|------------|------------|------------|------------|----------|------------|---|
| Riverlodge | 2023-01-09 | 1200 | 2023-01-09 | 1200 | SO2/HF | Filters Replaced |
| Riverlodge | 2023-01-09 | 1200 | 2023-01-09 | 1600 | PM2.5 | BAM Flow Check and Maintenance; Troubleshooting PM2.5 Temp Sensor; Replaced PM2.5 Temp Sensor |
| Riverlodge | 2023-01-25 | 1200 | 2023-01-25 | 1400 | PM10 | BAM Flow Check and Maintenance; Troubleshooting PM10 Temp Sensor |
| Riverlodge | 2023-01-25 | 1500 | 2023-01-25 | 1700 | Temp | Troubleshooting Bad Signal |
| Riverlodge | 2023-01-27 | 1100 | 2023-01-27 | 1100 | Temp | Fixed Temp Sensor Signal |
| Riverlodge | 2023-01-31 | 1500 | 2023-01-31 | 1600 | PM2.5 | BAM Maintenance |
| Riverlodge | 2023-02-10 | 1100 | 2023-02-10 | 1100 | SO2/HF | Filters Replaced |
| Riverlodge | 2023-02-11 | 1700 | 2023-02-11 | 1700 | PM10 | BAM Flow Check and Maintenance |
| Riverlodge | 2023-02-23 | 1600 | 2023-02-23 | 1600 | PM10 | Tape Changed |
| Riverlodge | 2023-02-23 | 1400 | 2023-02-23 | 1500 | PM2.5 | BAM Flow Check and Maintenance |
| Riverlodge | 2023-03-01 | 900 | 2023-03-01 | 1200 | HF | MOE Audit |
| Riverlodge | 2023-03-01 | 900 | 2023-03-01 | 1800 | SO2 | MOE Audit |
| Riverlodge | 2023-03-01 | 1000 | 2023-03-01 | 1000 | PM10/2.5 | MOE Audit |
| Riverlodge | 2023-03-10 | 1200 | 2023-03-10 | 1200 | SO2/HF | Filters Replaced |
| Riverlodge | 2023-03-22 | 1200 | 2023-03-22 | 1200 | SO2/HF | SO2 As Found Multipoint Verification |
| Riverlodge | 2023-03-24 | 1100 | 2023-03-24 | 1300 | PM10 | BAM Flow Check and Maintenance |
| Riverlodge | 2023-03-24 | 1300 | 2023-03-24 | 1400 | PM2.5 | BAM Flow Check and Maintenance |
| Riverlodge | 2023-03-28 | 800 | 2023-03-28 | 800 | SO2/HF | HF As Found Multipoint Verification |



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Automated Data Summary for

Kitimat Whitesail 2023 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Climate Change Strategy

Generated:
3 April 2023

Note

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Kitimat Whitesail

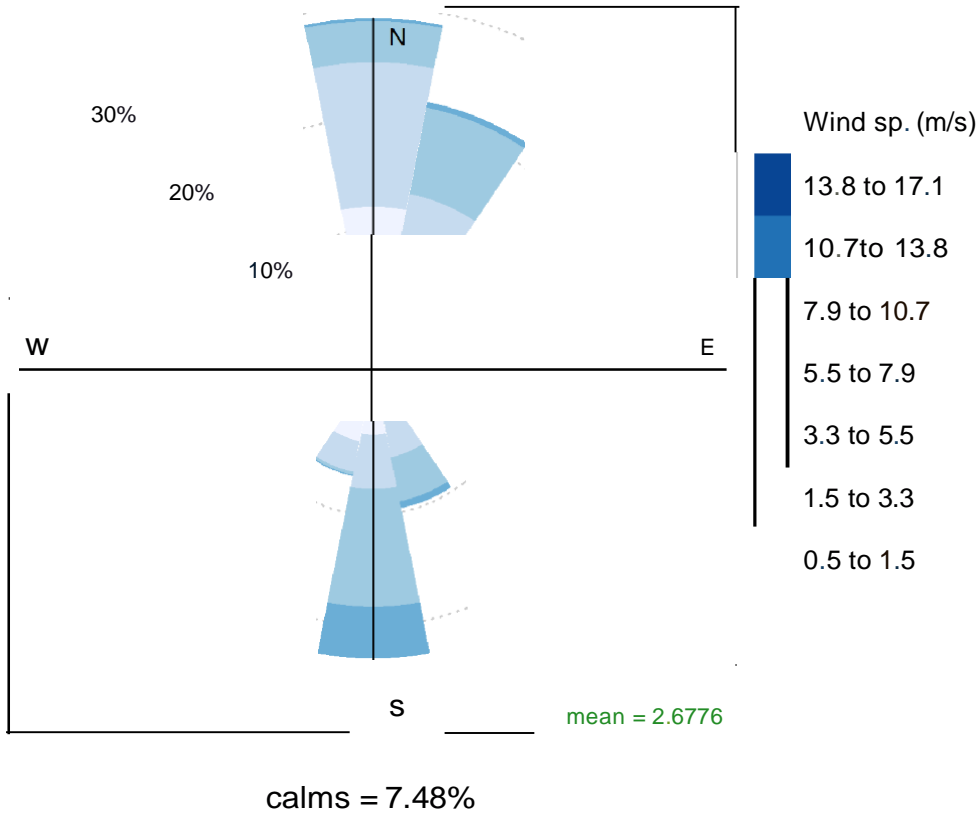
2023 Q1

| Parameter | Unit | Avg Prd | Obj | Excd | Qtr Avg | % Neg | Min | Max | Prd of Max | % Comp | Comp |
|-----------|-------|---------|-----|------|---------|-------|-------|------|----------------------------------|--------|------|
| AQHI | | 1 H | | | | | 1 | 3 | More than 5 occurrences (n = 52) | 99.6 | Y |
| NO2 | ppb | 1 H | 60 | 0 | 2.3 | 0.0 | 0.3 | 21.0 | 2023-02-09 09:00:00 | 94.6 | Y |
| SO2 | ppb | 1 H | 70 | 0 | 0.3 | 0.9 | -0.2 | 9.0 | 2023-03-23 13:00:00 | 94.6 | Y |
| O3 | ppb | 1 H | 82 | 0 | 24.6 | 0.0 | 0.7 | 45.5 | 2023-03-28 17:00:00 | 94.6 | Y |
| PM2.5 | ug/m3 | 1 H | | | 4.8 | 0.0 | 0.0 | 20.0 | 2023-01-01 02:00:00 | 99.5 | Y |
| | ug/m3 | 24 H | 25 | 0 | 4.8 | 0.0 | 2.3 | 9.5 | 2023-03-20 | 100.0 | Y |
| Wind spd | m/s | 1 H | | | 2.5 | 0.0 | 0.0 | 7.8 | 2023-01-18 08:00:00 | 97.8 | Y |
| Temp | °C | 1 H | | | 0.7 | | -12.5 | 13.8 | 2023-03-28 17:00:00 | 100.0 | Y |
| Humidity | % RH | 1 H | | | 83.7 | 0.0 | 22.9 | 98.3 | 2023-01-27 12:00:00 | 100.0 | Y |

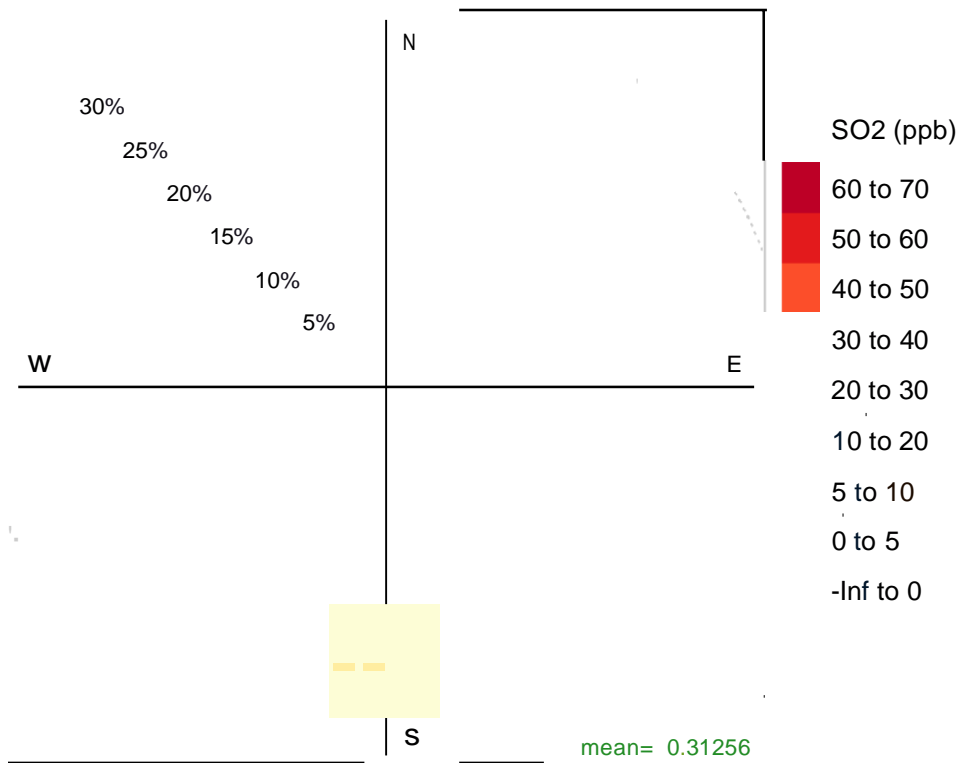
Avg = Average; Comp = Completeness; Excd = number of exceedances; Neg = negative data; Obj = Air quality objective; Prd = Period; Qtr = Quarter
Comp threshold is 60%

| Parameter | Conversion Unit | Notes |
|-----------|---------------------------|-------|
| AQHI | | |
| NO2 | 1 : 1.88 ppb : ug/m3 | |
| SO2 | 1 : 2.62 ppb : ug/m3 | |
| O3 | 1 : 1.96 ppb : ug/m3 | |
| PM2.5 | | |
| Wind spd | | |
| Temp | | |
| Humidity | | |

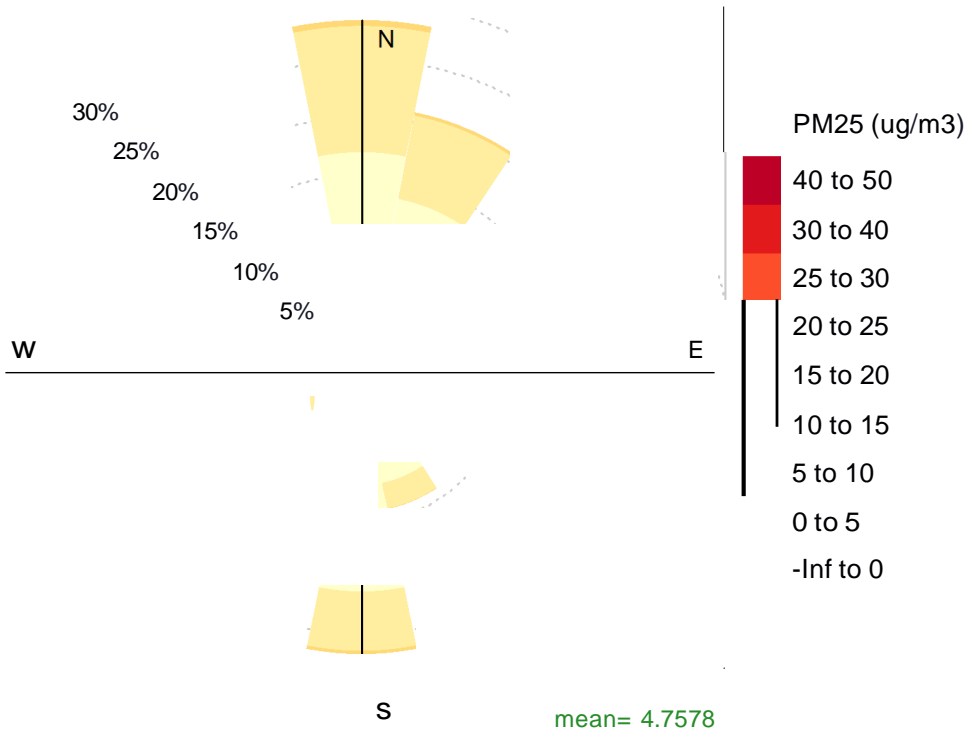
Windrose
Kitimat Whitesail - 2023 01



S02 pollution rose
Kitimat Whitesail - 2023 01



PM2.5 pollution rose
Kitimat Whitesail - 2023 01



Whitesail Station Downtime and Maintenance Summary Q1 2023 – Trinity Consultants

| Station | Start Date | Start Hour | End Date | End Hour | Parameters | Description |
|-----------|------------|------------|------------|----------|------------|--|
| Whitesail | 2023-01-11 | 1300 | 2023-01-11 | 1400 | SO2/NOx/O3 | Filters Replaced |
| Whitesail | 2023-01-26 | 1000 | 2023-01-26 | 1700 | SO2/NOx/O3 | O3/NOx/SO2 Multipoint Verification Checks and Analyzer Adjustments |
| Whitesail | 2023-01-27 | 1600 | 2023-01-27 | 1700 | PM | BAM Flow Check and Maintenance |
| Whitesail | 2023-02-16 | 1500 | 2023-02-16 | 1500 | SO2/NOx/O3 | Filters Replaced |
| Whitesail | 2023-02-23 | 1300 | 2023-02-23 | 1400 | PM | Tape Replaced |
| Whitesail | 2023-03-01 | 1500 | 2023-03-01 | 1700 | SO2/NOx/O3 | MOE Audit |
| Whitesail | 2023-03-01 | 1600 | 2023-03-01 | 1700 | PM | MOE Audit |
| Whitesail | 2023-03-10 | 1000 | 2023-03-10 | 1000 | SO2/NOx/O3 | Filters Replaced |
| Whitesail | 2023-03-20 | 1100 | 2023-03-20 | 1300 | SO2/NOx/O3 | Maintenance |
| Whitesail | 2023-03-27 | 1100 | 2023-03-27 | 1400 | PM | BAM Flow Check and Maintenance |



Ministry of
Environment and
Climate Change Strategy

Automated Data Summary for

Kitimat Yacht Club 2023 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Climate Change Strategy

Generated:
3 April 2023

Note

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Kitimat Yacht Club

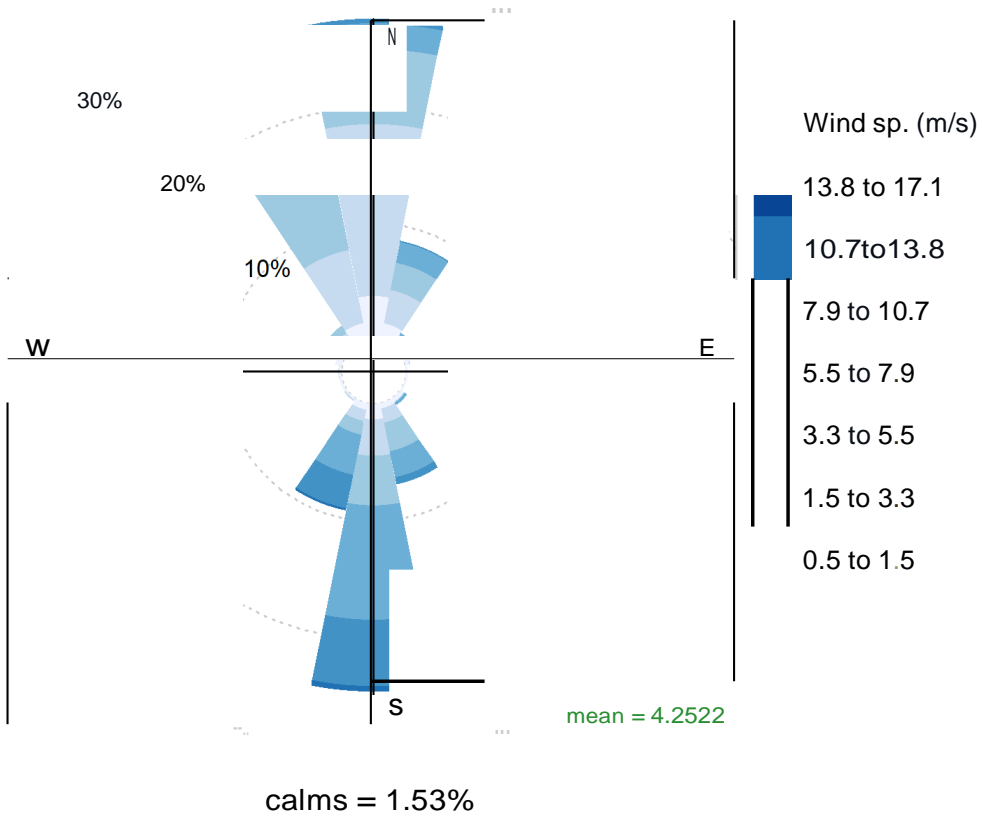
2023 Q1

| Parameter | Unit | Avg Prd | Obj | Excd | Qtr Avg | % Neg | Min | Max | Prd of Max | % Comp | Comp |
|-----------|------|---------|-----|------|---------|-------|-------|------|---------------------|--------|------|
| Wind spd | m/s | 1 H | | | 4.2 | 0.0 | 0.0 | 13.1 | 2023-03-30 12:00:00 | 100.0 | Y |
| Temp | °C | 1 H | | | 1.5 | | -11.1 | 14.6 | 2023-03-28 16:00:00 | 100.0 | Y |

Avg = Average; Comp = Completeness; Excd = number of exceedances; Neg = negative data; Obj = Air quality objective; Prd = Period; Qtr = Quarter
 Comp threshold is 60%

| Parameter | Conversion | Unit | Notes |
|-----------|------------|------|-------|
| Wind spd | | | |
| Temp | | | |

Windrose
Kitimat Yacht Club - 2023 01





Ministry of
Environment and
Climate Change Strategy

Automated Data Summary for
Terrace Skeena Middle School
2023 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Climate Change Strategy

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3 April 2023

Note

This report is generated automatically and contains unvalidated data.

Terrace Skeena Middle School

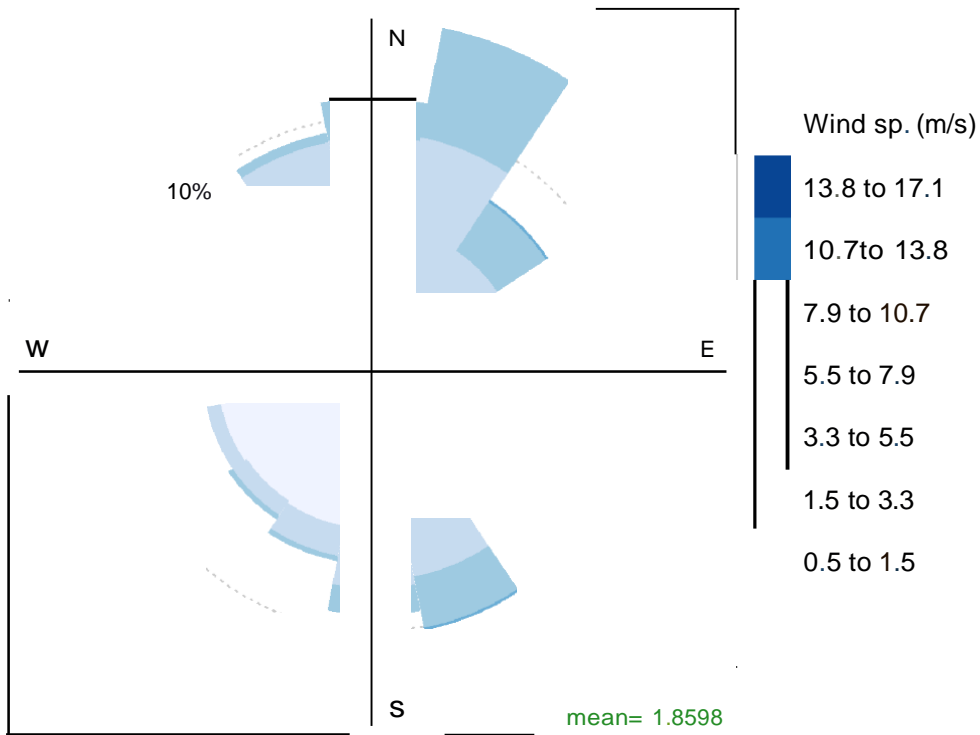
2023 Q1

| Parameter | Unit | Avg Prd | Obj | Excd | Qtr Avg | % Neg | Min | Max | Prd of Max | % Comp | Comp |
|-----------|-------|---------|-----|------|---------|-------|-------|------|---|--------|------|
| AQHI | | 1 H | | | | | 1 | 5 | 2023-01-01 10:00:00 2023-03-18 00:00:00 2023-03-20 21:00:00 | 99.9 | Y |
| NO2 | ppb | 1 H | 60 | 0 | 2.3 | 39.1 | -1.5 | 20.0 | 2023-02-03 08:00:00 | 95.4 | Y |
| SO2 | ppb | 1 H | 70 | 0 | 0.2 | 2.0 | -0.4 | 2.2 | 2023-03-31 02:00:00 | 88.6 | Y |
| O3 | ppb | 1 H | 82 | 0 | 18.8 | 6.5 | -2.3 | 50.5 | 2023-03-20 16:00:00 | 88.4 | Y |
| PM2.5 | ug/m3 | 1 H | | | 5.7 | 0.0 | 0.3 | 47.4 | 2023-03-20 21:00:00 | 99.9 | Y |
| | ug/m3 | 24 H | 25 | 0 | 5.7 | 0.0 | 2.0 | 13.7 | 2023-03-17 | 100.0 | Y |
| Wind spd | m/s | 1 H | | | 1.5 | 0.0 | 0.0 | 6.4 | 2023-03-01 16:00:00 | 100.0 | Y |
| Temp | °C | 1 H | | | 1.3 | | -12.0 | 14.7 | 2023-03-20 17:00:00 2023-03-20 18:00:00 | 100.0 | Y |
| Humidity | % RH | 1 H | | | 77.5 | 0.0 | 15.1 | 99.4 | More than 5 occurrences (n = 153) | 100.0 | Y |

Avg = Average; Comp = Completeness; Excd = number of exceedances; Neg = negative data; Obj = Air quality objective; Prd = Period; Qtr = Quarter
Comp threshold is 60%

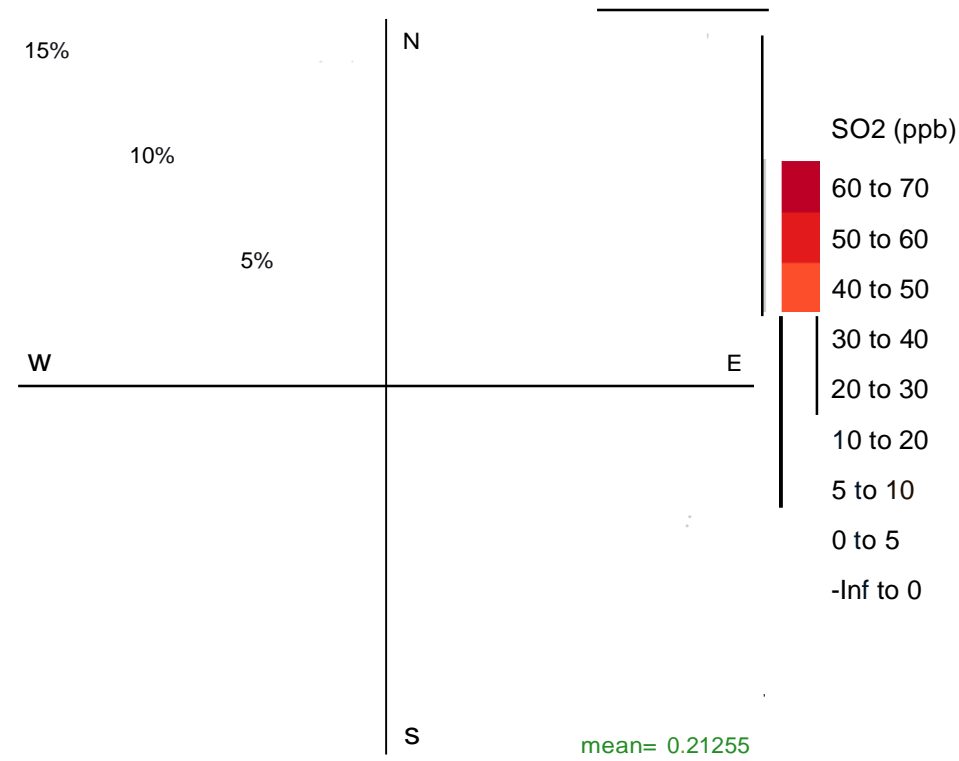
| Parameter | Conversion Unit | Notes |
|-----------|----------------------|-------|
| AQHI | | |
| NO2 | 1 : 1.88 ppb : ug/m3 | |
| SO2 | 1 : 2.62 ppb : ug/m3 | |
| O3 | 1 : 1.96 ppb : ug/m3 | |
| PM2.5 | | |
| Wind spd | | |
| Temp | | |
| Humidity | | |

Windrose
Terrace Skeena Middle School - 2023 Q1



calms = 20.80%

SO2 pollution rose
Terrace Skeena Middle School - 2023 Q1



PM2.5 pollution rose
Terrace Skeena Middle School - 2023 01

