



Kitimat Airshed Group

QUARTERLY AIR QUALITY REPORT

JANUARY – MARCH 2026

Compiled and Submitted by Lindsay Sackett, KAG Secretariat
April 17th 2026

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Report Summary

Quarterly Data Summary Report for January 1 to March 31, 2026:

The first quarterly data summary report of 2026 includes ambient air quality stations in Kitimat, Kitimaat Village and Terrace. These reports are automatically generated using unverified data extracted from the BC Air Data Archive (Envista database) managed by the BC Ministry of Environment and Parks (BCENV). Summary reports will be posted quarterly to provide an overview of the air quality status in the Kitimat Terrace airshed.

The Data Review Committee works collaboratively to bring the reports to the public. The air quality stations are owned and operated by Rio Tinto in the vicinity of Haisla Village, Kitimat and Lakelse Lake. Rio Tinto also manages the maintenance and calibration activities through Trinity Consultants. Maintenance reports are provided at the end of the station reports. The Data Review Committee reviews the reports and provides context and comments.

Updates in the community include the following:

- LNG Canada continued planned flaring associated with system stabilization and Train 2 Start-up in early operations, and experienced several unplanned flaring events, including the occurrence of a warm wet flare in mid-February.

All data was gathered in accordance with the data capture requirements, and key observations by the KAG for this quarter are as follows:

- There were 2 SO₂ readings higher than the metric value (70 ppb) recorded during this quarter at Haul Road, with the highest SO₂ value recorded being 82.9 ppb at 22:00 on 2026-02-25.
- The AQHI at Terrace Skeena Middle School reached a reading of 5 on three occasions: 2026-01-04 at 8:00pm, 2026-01-25, and 2026-02-23 at 8:00pm. The max PM_{2.5} reading for this period aligns directly with the 2026-01-04 occasion.
- The Riverlodge PM₁₀ monitor was out for 118 hours due to maintenance and a 72-hour calibration test in early March.
- During the entire quarter, Riverlodge Station's THC Analyzer experienced many short-term outages where it flatlined and then rebooted, as well as one 332-hour outage from 2026-02-25 to 2026-03-11.
- On March 31st 2026, the THC Analyzer at Riverlodge Station electronically failed (is faulty). At the time of this report, Trinity Consultants are in talks with the equipment manufacturer to find a permanent solution.



Ministry of
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Automated Data Summary for

Kitimat Haisla Village

2026 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Parks

Generated:
2 April 2026

Note

This report is generated automatically and contains unverified data.

Kitimat Haisla Village

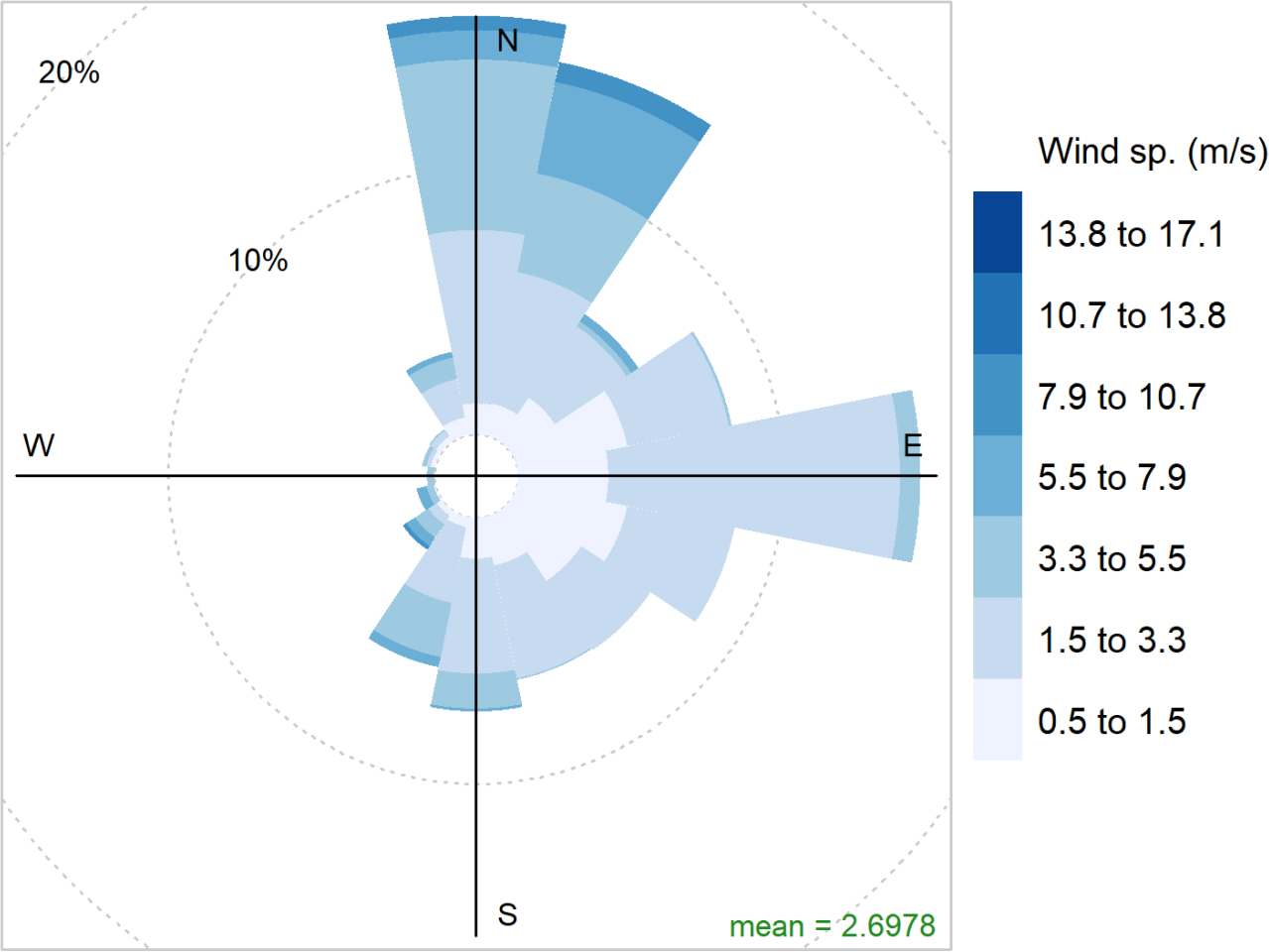
2026 Q1

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 = 10)	40.6	N
NO2	ppb	1 H	60	0	0.6	0.0	0	8.6	2026-01-02 09:00:00	94.8	Y
SO2	ppb	1 H	70	0	0.3	0.0	0	13.1	2026-03-21 15:00:00	94.8	Y
O3	ppb	1 H	82	0	25.1	0.0	2.2	49.4	2026-02-26 06:00:00	94.8	Y
PM2.5	ug/m3	1 H			4.9	0.0	0	27	2026-01-28 05:00:00	98.9	Y
	ug/m3	24 H	25	0	4.9	0.0	2	9	2026-01-26	98.9	Y
Wind spd	m/s	1 H			2.7	0.0	0.01	9.95	2026-02-21 09:00:00	85.7	Y
Temp	°C	1 H			1.9		-10.2	9.4	2026-01-13 20:00:00 2026-03-07 17:00:00	99.4	Y

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

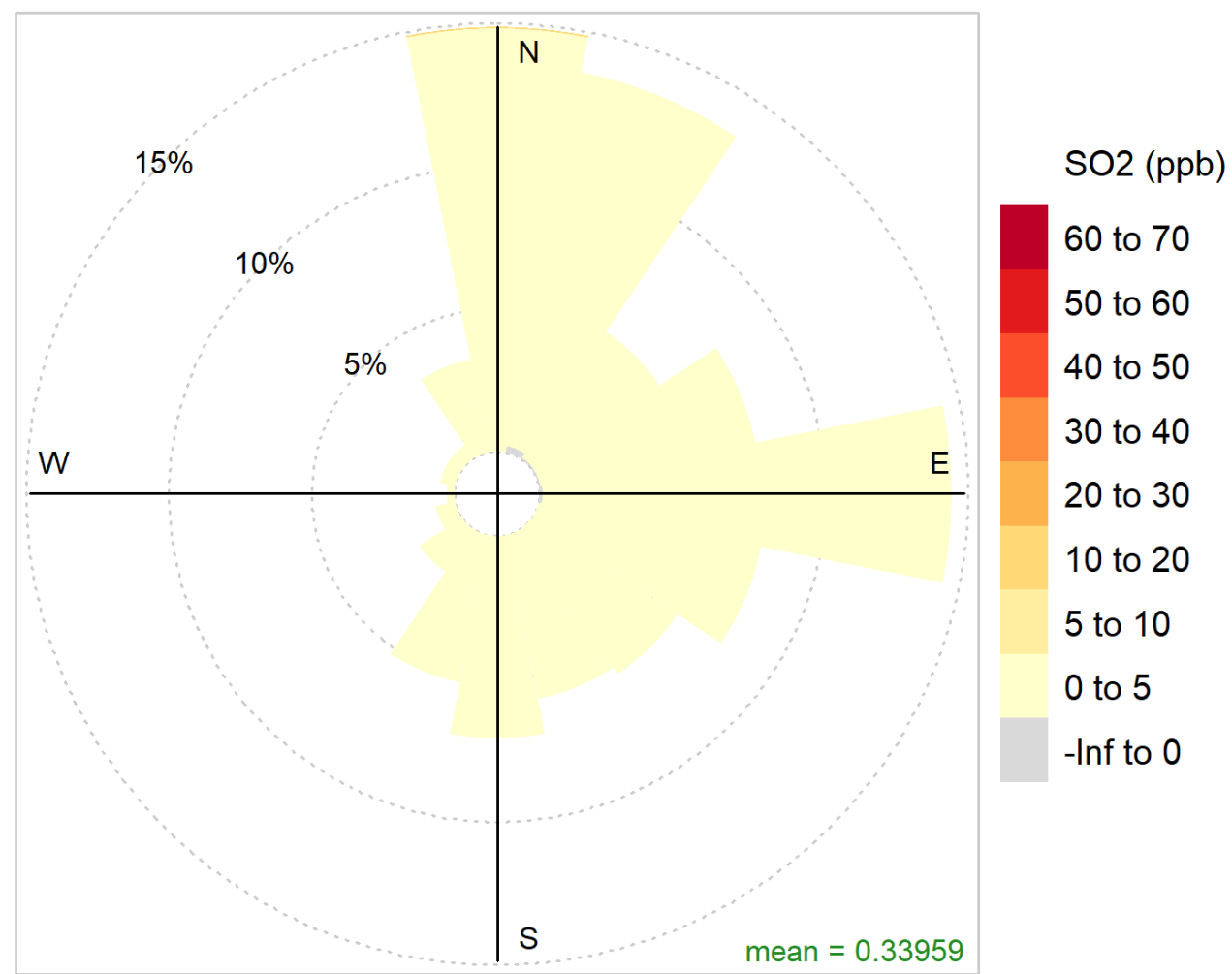
Parameter	Conversion	Unit	Notes
AQHI			
NO2	1 : 1.88	ppb : ug/m3	
SO2	1 : 2.62	ppb : ug/m3	
O3	1 : 1.96	ppb : ug/m3	
PM2.5			
Wind spd			
Temp			

Windrose
Kitimat Haisla Village - 2026 Q1

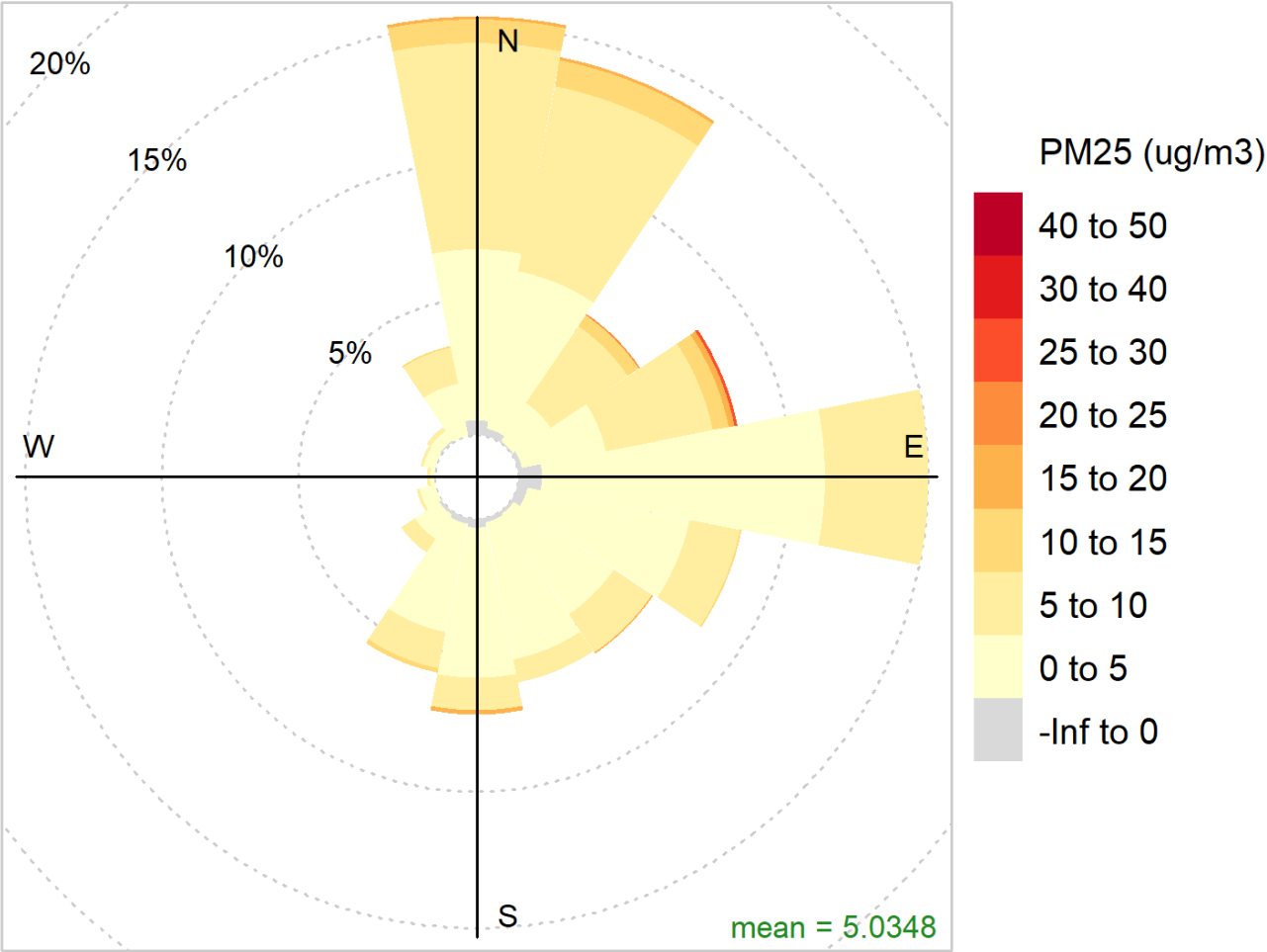


calms = 1.35%

SO2 pollution rose
Kitimat Haisla Village - 2026 Q1



PM2.5 pollution rose
Kitimat Haisla Village - 2026 Q1





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Automated Data Summary for

Kitimat Haul Road 2026 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Parks

Generated:
2 April 2026

Note

This report is generated automatically and contains unverified data.

Kitimat Haul Road

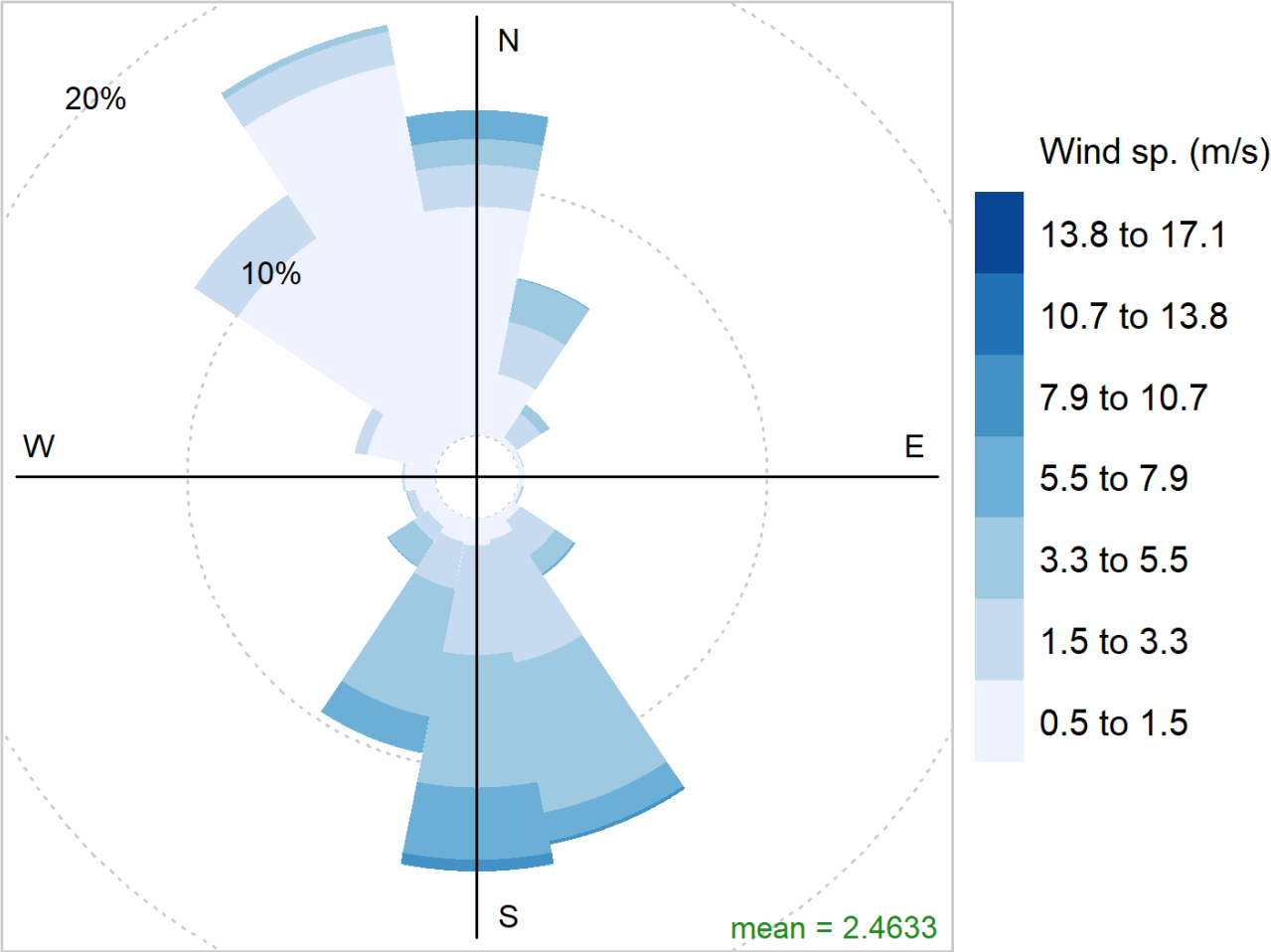
2026 Q1

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
SO2	ppb	1 H	70	2	6.1	1.0	-0.2	82.9	2026-02-25 22:00:00	94.9	Y
HF	ppb	1 H	63	0	0.3	0.0	0	1.7	2026-03-17 03:00:00	95.4	Y
	ppb	24 H			0.3	0.0	0	0.9	2026-01-12 2026-03-17	100.0	Y
PM2.5	ug/m3	1 H			4.2	0.0	0	26	2026-03-17 03:00:00	99.4	Y
	ug/m3	24 H	25	0	4.2	0.0	1.4	9.4	2026-03-17	100.0	Y
Wind spd	m/s	1 H			2.4	0.0	0	9.65	2026-02-26 11:00:00	99.6	Y
Temp	°C	1 H			0.9		-11.4	10.1	2026-01-13 10:00:00 2026-01-13 18:00:00	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%

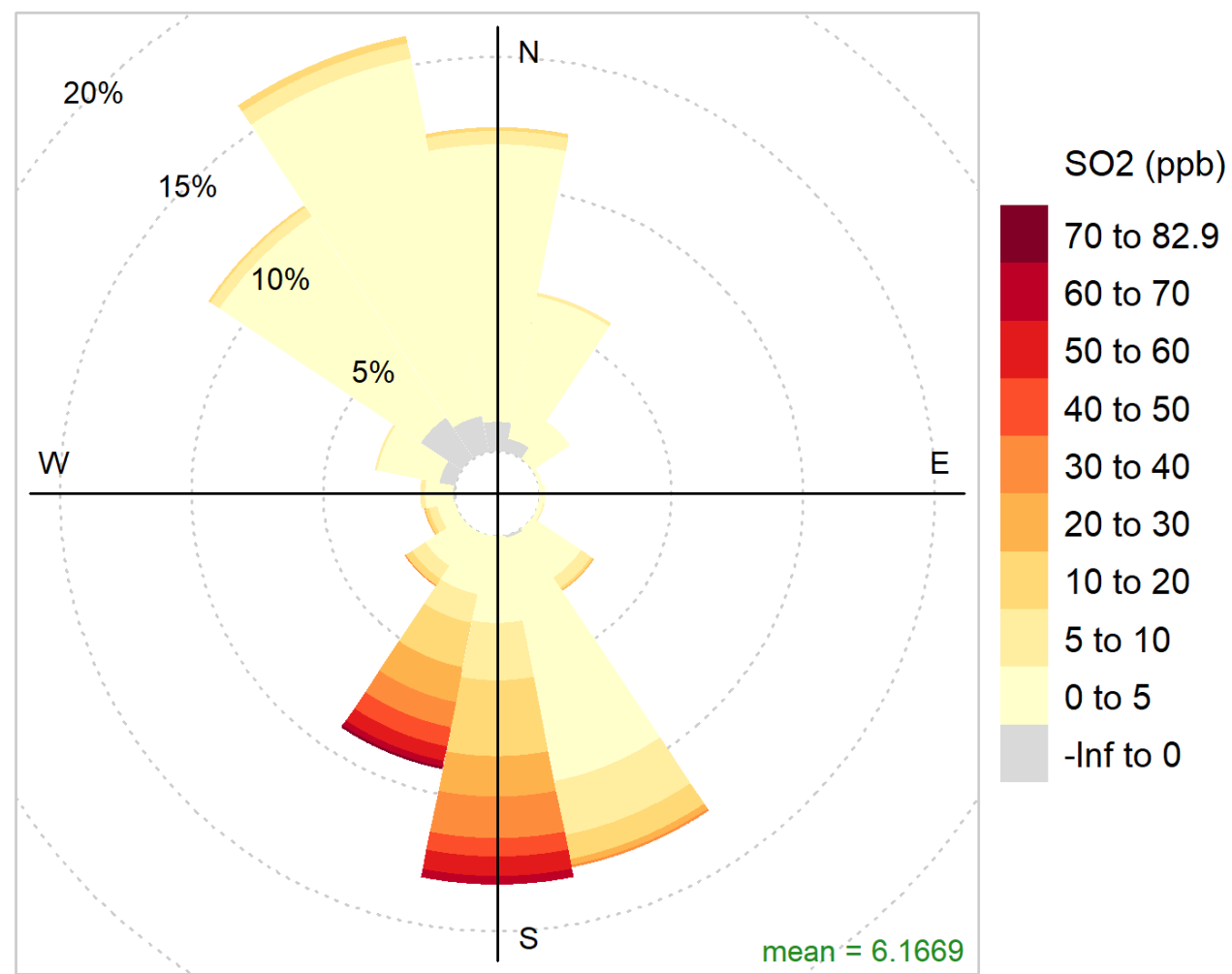
Parameter	Conversion	Unit	Notes
SO2	1 : 2.62	ppb : ug/m3	
HF	1 : 0.82	ppb : ug/m3	
PM2.5			
Wind spd			
Temp			

Windrose
Kitimat Haul Road - 2026 Q1

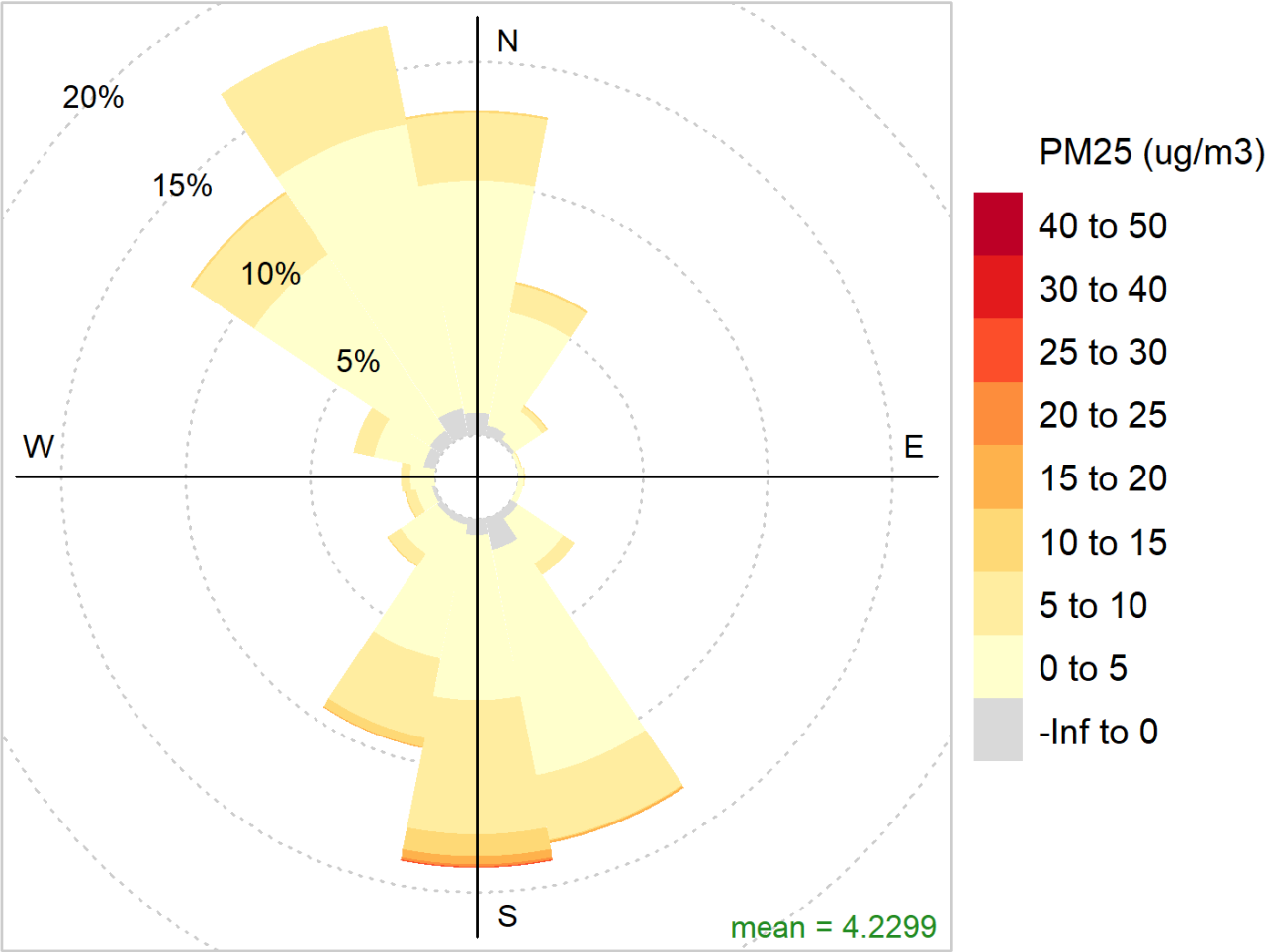


calms = 0.93%

SO2 pollution rose
Kitimat Haul Road - 2026 Q1



PM2.5 pollution rose
Kitimat Haul Road - 2026 Q1





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Automated Data Summary for

Kitimat Industrial Ave

2026 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Parks

Generated:
2 April 2026

Note

This report is generated automatically and contains unverified data.

Kitimat Industrial Ave

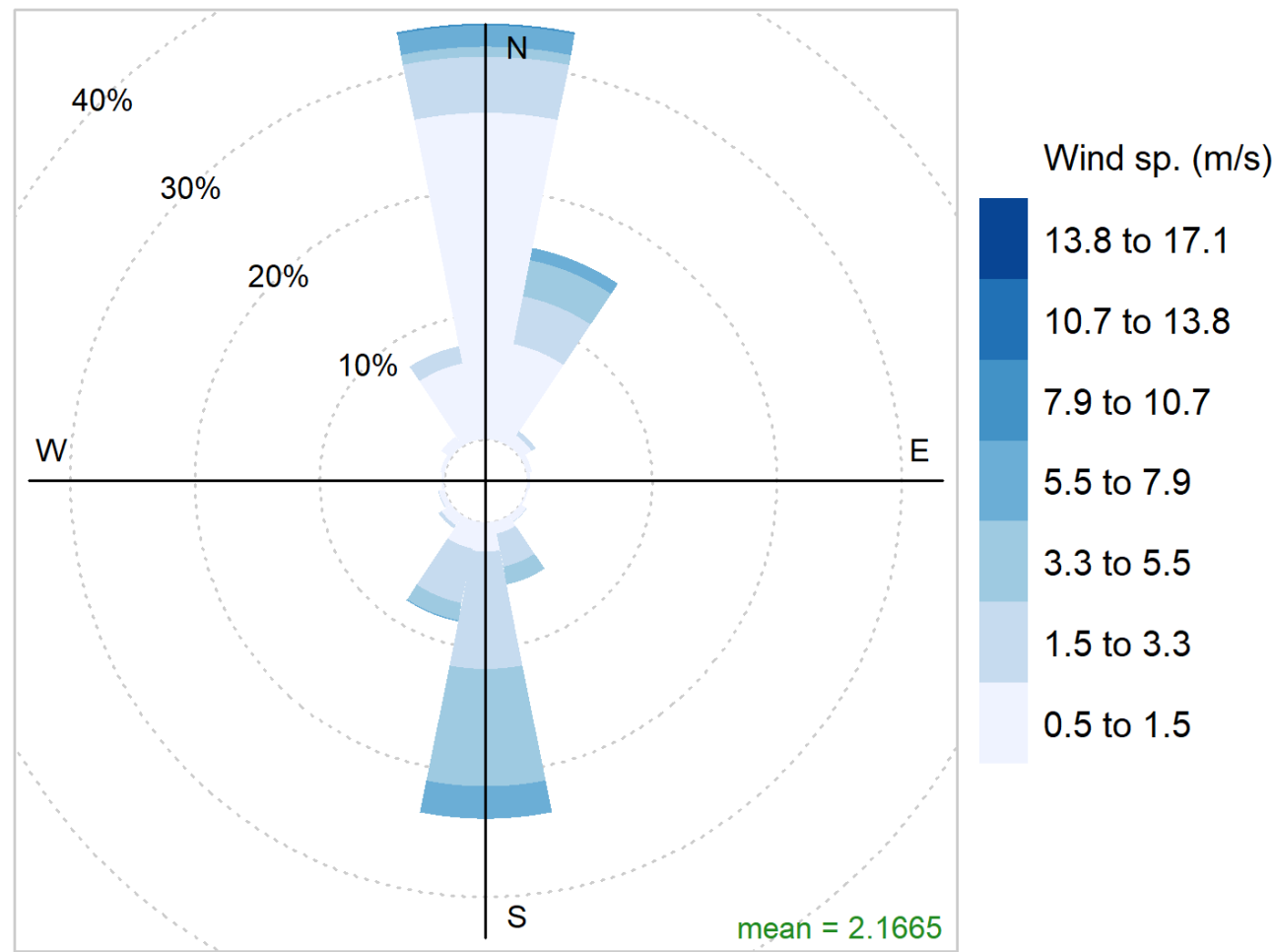
2026 Q1

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
SO2	ppb	1 H	70	0	1.5	3.8	-0.6	39.8	2026-01-30 22:00:00	94.8	Y
Wind spd	m/s	1 H			2.1	0.0	0	8.9	2026-02-18 12:00:00	96.6	Y
Temp	°C	1 H			0.8		-11	9.2	2026-03-07 16:00:00	99.8	Y
Humidity	% RH	1 H			84.6	0.0	33.2	96.3	2026-01-12 01:00:00	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%

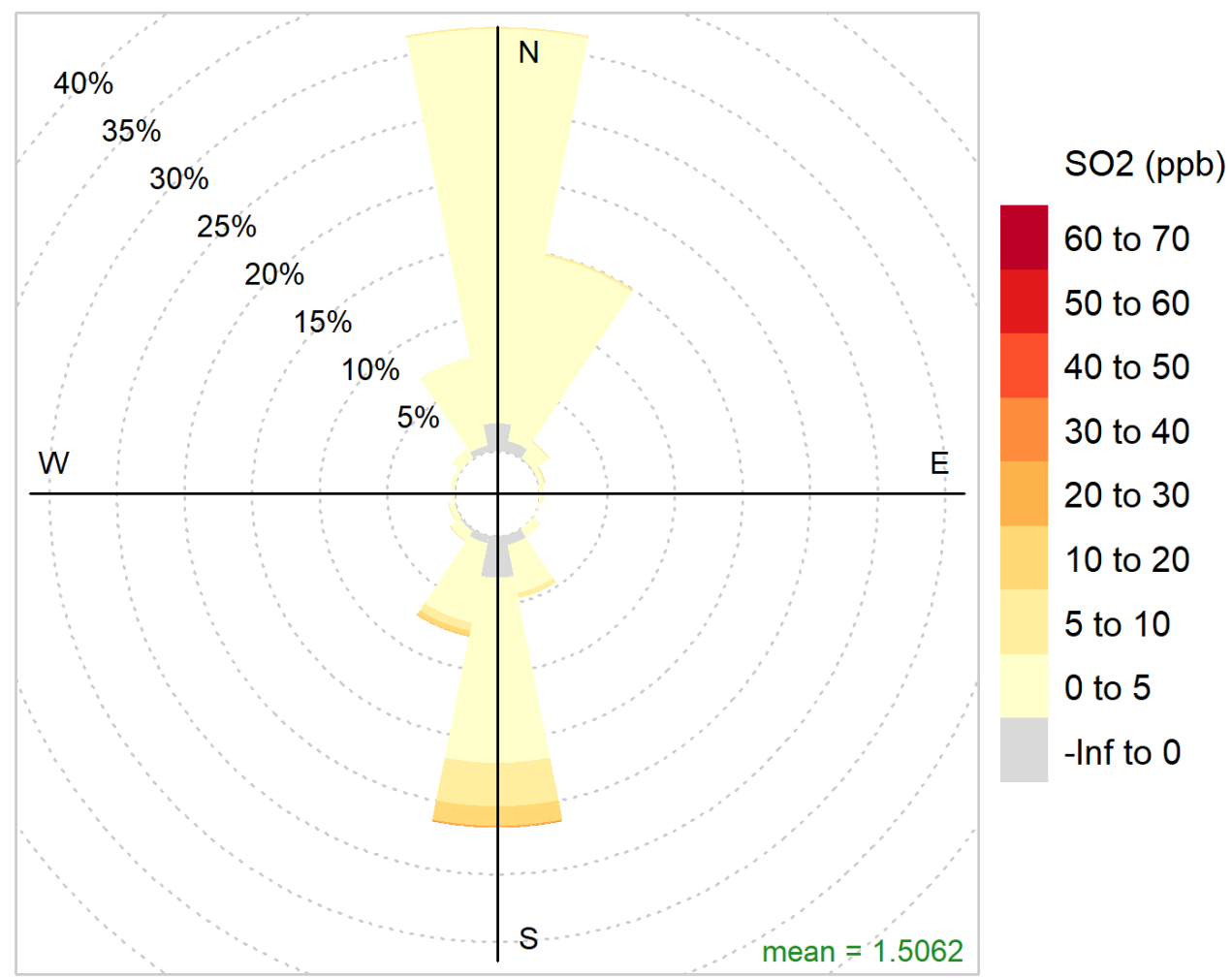
Parameter	Conversion	Unit	Notes
SO2	1 : 2.62	ppb : ug/m3	
Wind spd			
Temp			
Humidity			

Windrose
Kitimat Industrial Ave - 2026 Q1



calms = 2.59%

SO2 pollution rose
Kitimat Industrial Ave - 2026 Q1





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Automated Data Summary for

Kitimat Riverlodge 2026 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Parks

Generated:
13 April 2026

Note

This report is generated automatically and contains unverified data.

Kitimat Riverlodge

2026 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 = 188)	51.4	N
NO2	ppb	1 H	60	0	2.1	0.0	0.2	19.2	2026-03-15 19:00:00	92.7	Y
SO2	ppb	1 H	65	0	0.6	0.0	-0.1	16.8	2026-01-07 20:00:00	92.7	Y
O3	ppb	1 H	82	0	23.3	0.0	1	46	2026-03-17 16:00:00	92.7	Y
HF	ppb	1 H	63	0	0.1	0.0	0	0.1	More than 5 occurrences (n = 1553)	92.7	Y
	ppb	24 H			0.1	0.0	0	0.1	More than 5 occurrences (n = 66)	95.6	Y
PM2.5	ug/m3	1 H			4.8	0.0	0	23	2026-01-21 14:00:00	98.2	Y
	ug/m3	24 H	25	0	4.9	0.0	2.9	9.3	2026-02-12	97.8	Y
PM10	ug/m3	1 H			7.7	0.0	0	36	2026-01-21 14:00:00 2026-03-31 21:00:00	93.9	Y
	ug/m3	24 H	50	0	7.7	0.0	4.5	15.2	2026-02-12	93.3	Y
THC	ppm	1 H			2.2	0.0	0	22.352	2026-01-21 14:00:00	87.6	Y
CH4	ppm	1 H			2.0	0.0	0	10.87	2026-01-21 14:00:00	87.6	Y
NMHC	ppm	1 H			0.2	0.5	-0.219	11.482	2026-01-21 14:00:00	87.6	Y
Wind spd	m/s	1 H			2.1	0.0	0	6.85	2026-02-18 14:00:00	99.8	Y
Temp	°C	1 H			1.6		-10.3	9.6	2026-03-07 17:00:00	99.8	Y

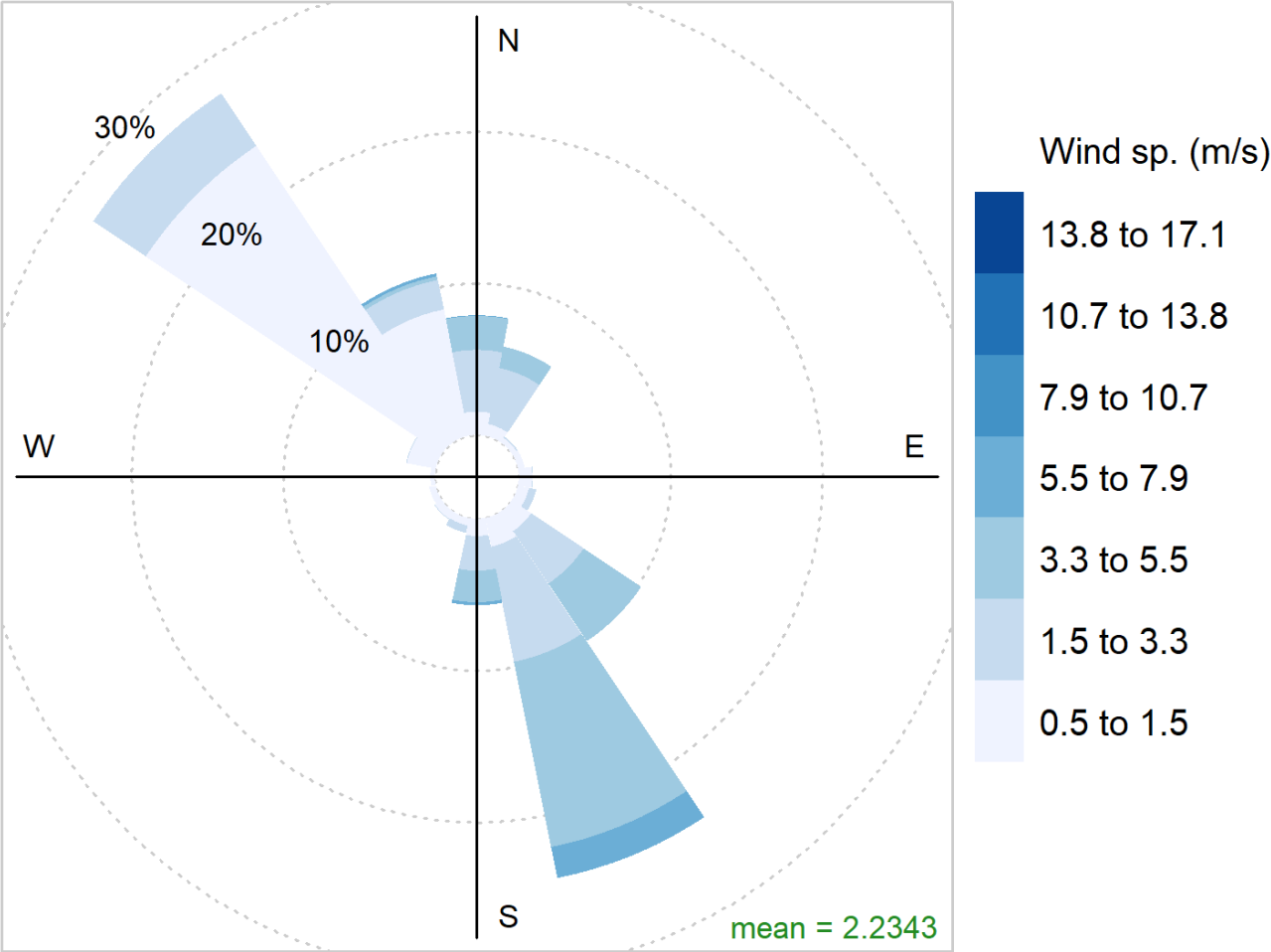
Avg = Average; Comp = Completeness; Excd = number of exceedances of the numerical component of the objective; Neg = negative data; Obj = Air quality objective; Prd = Period; Qtr = Quarter

Comp threshold is 60%

Parameter	Conversion Unit	Notes
AQHI		
NO2	01:01.9 ppb : ug/m3	
SO2	01:02.6 ppb : ug/m3	
O3	01:02.0 ppb : ug/m3	
HF	01:00.8 ppb : ug/m3	

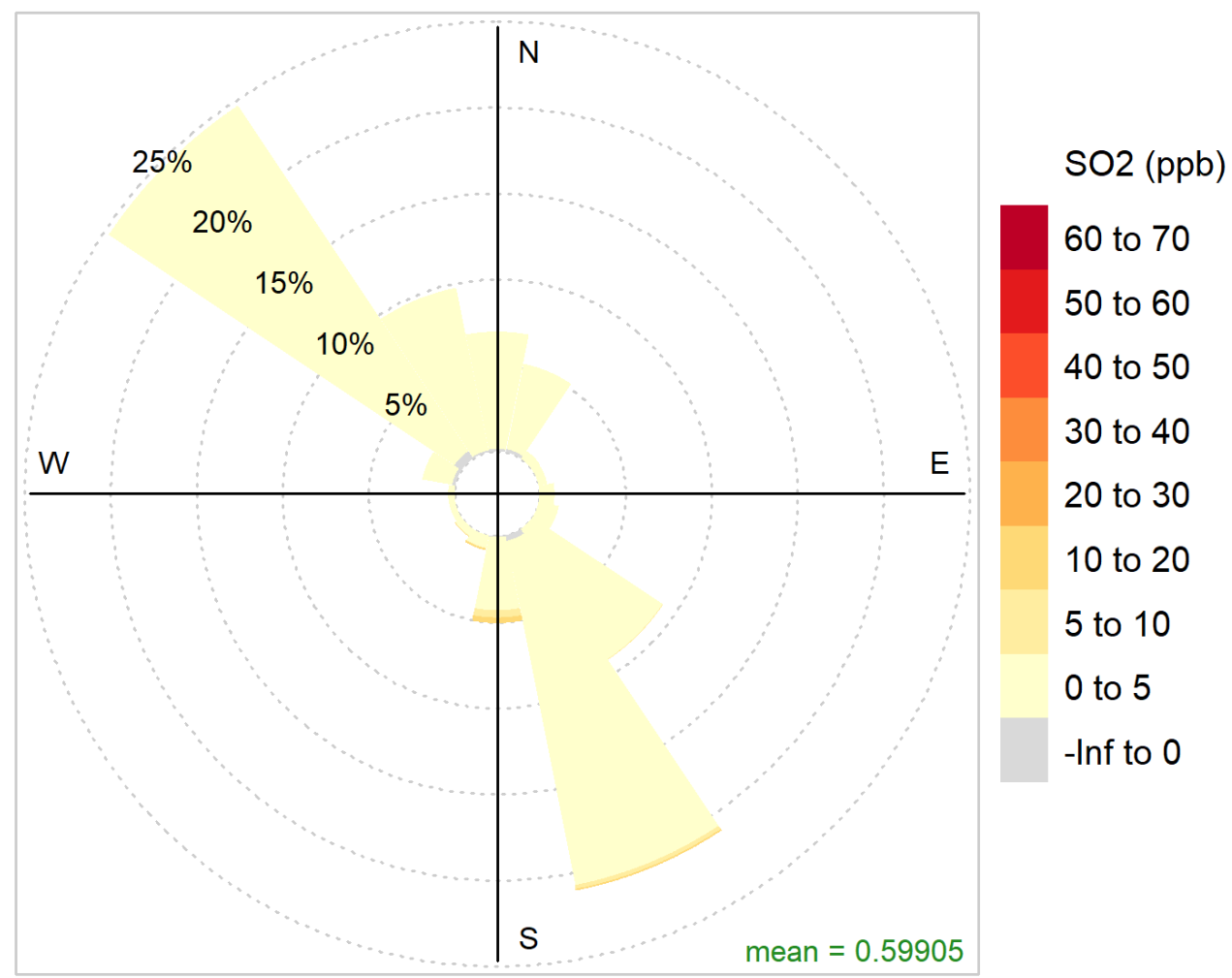
Parameter	Conversion Unit	Notes
PM2.5		
PM10		
THC		
CH4		
NMHC		
Wind spd		
Temp		

Windrose
Kitimat Riverlodge - 2026 Q1

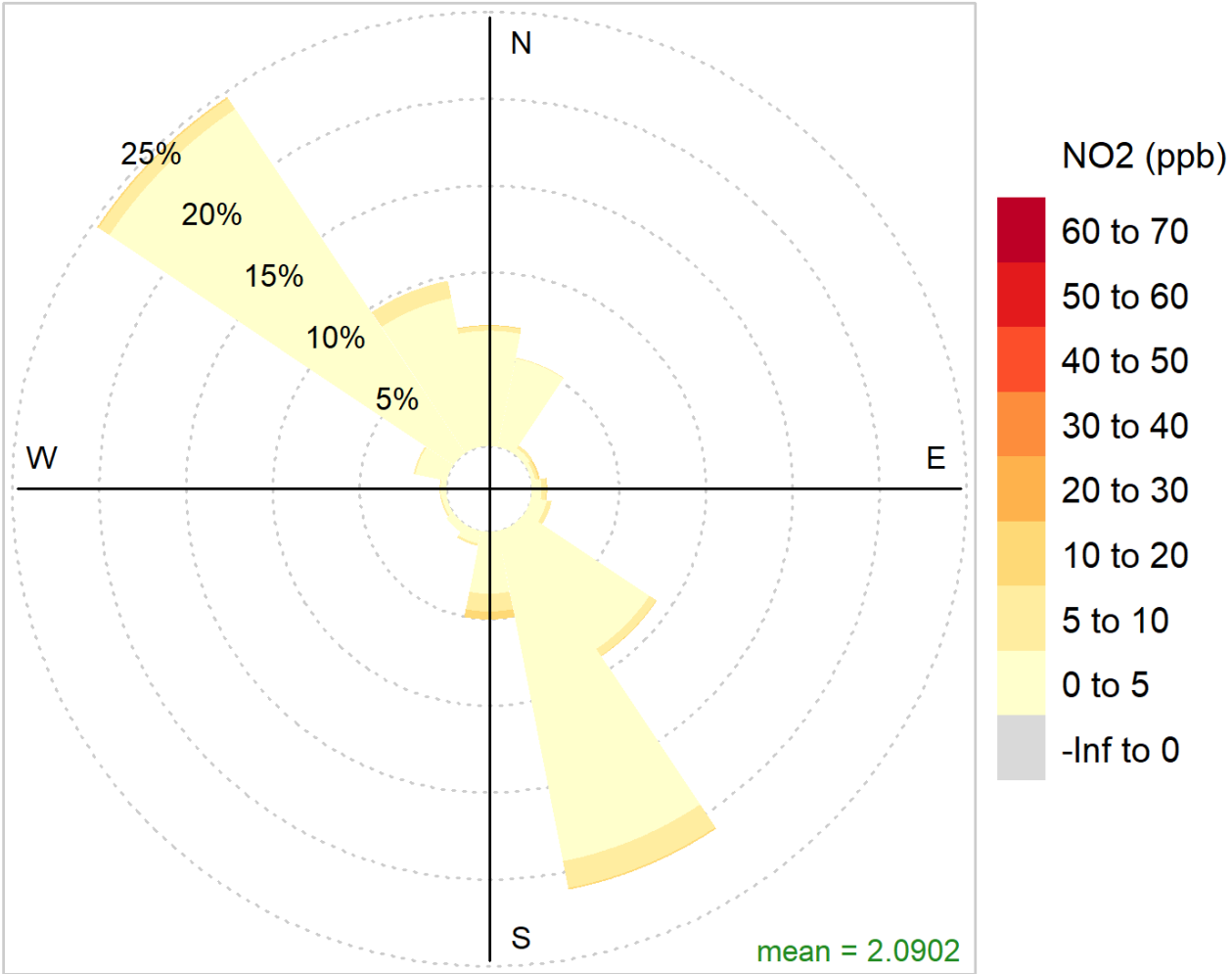


calms = 6.40%

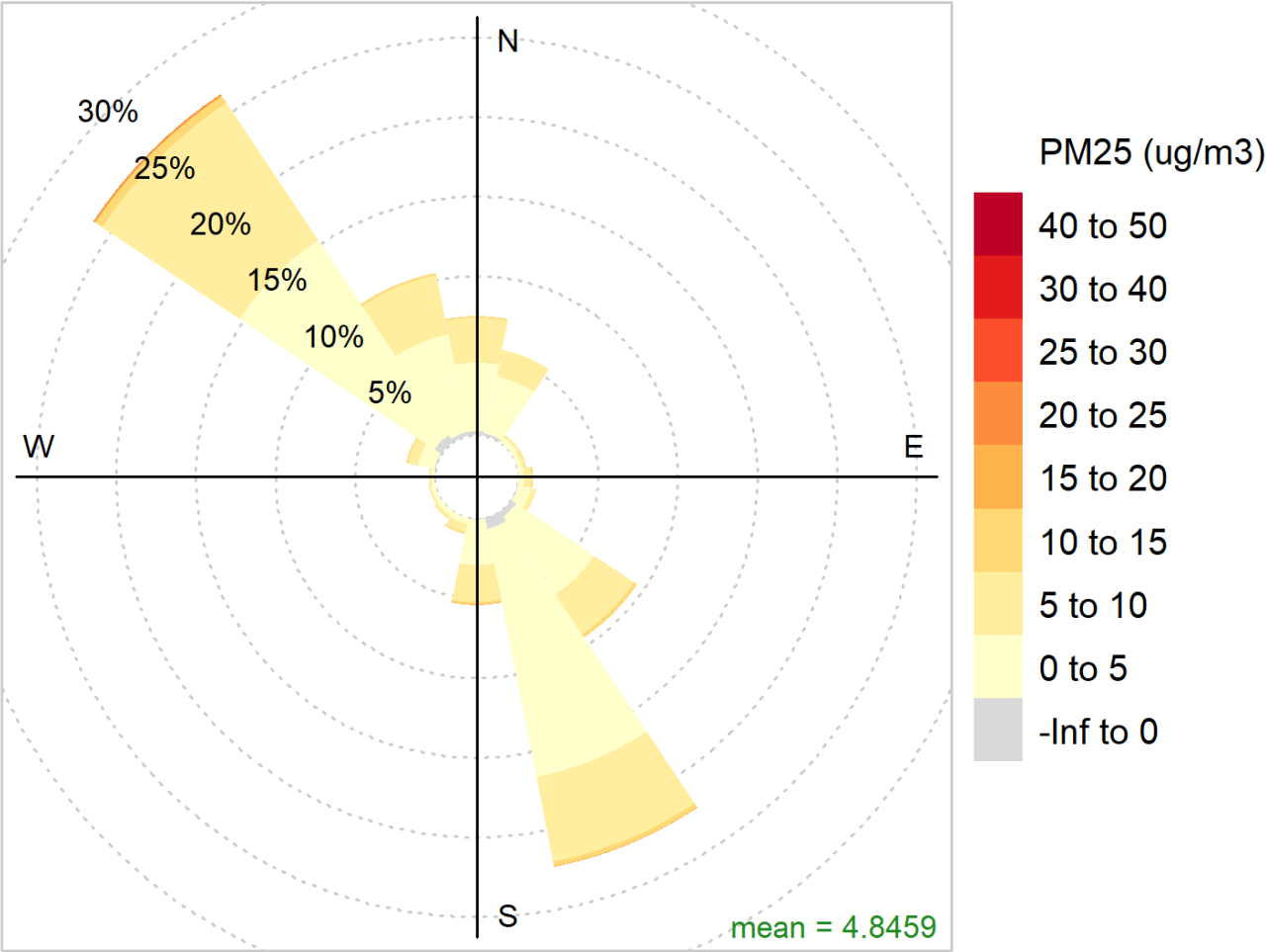
SO2 pollution rose
Kitimat Riverlodge - 2026 Q1



NO2 pollution rose
Kitimat Riverlodge - 2026 Q1



PM2.5 pollution rose
Kitimat Riverlodge - 2026 Q1





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Automated Data Summary for

Kitimat Whitesail 2026 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Parks

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Note

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Kitimat Whitesail

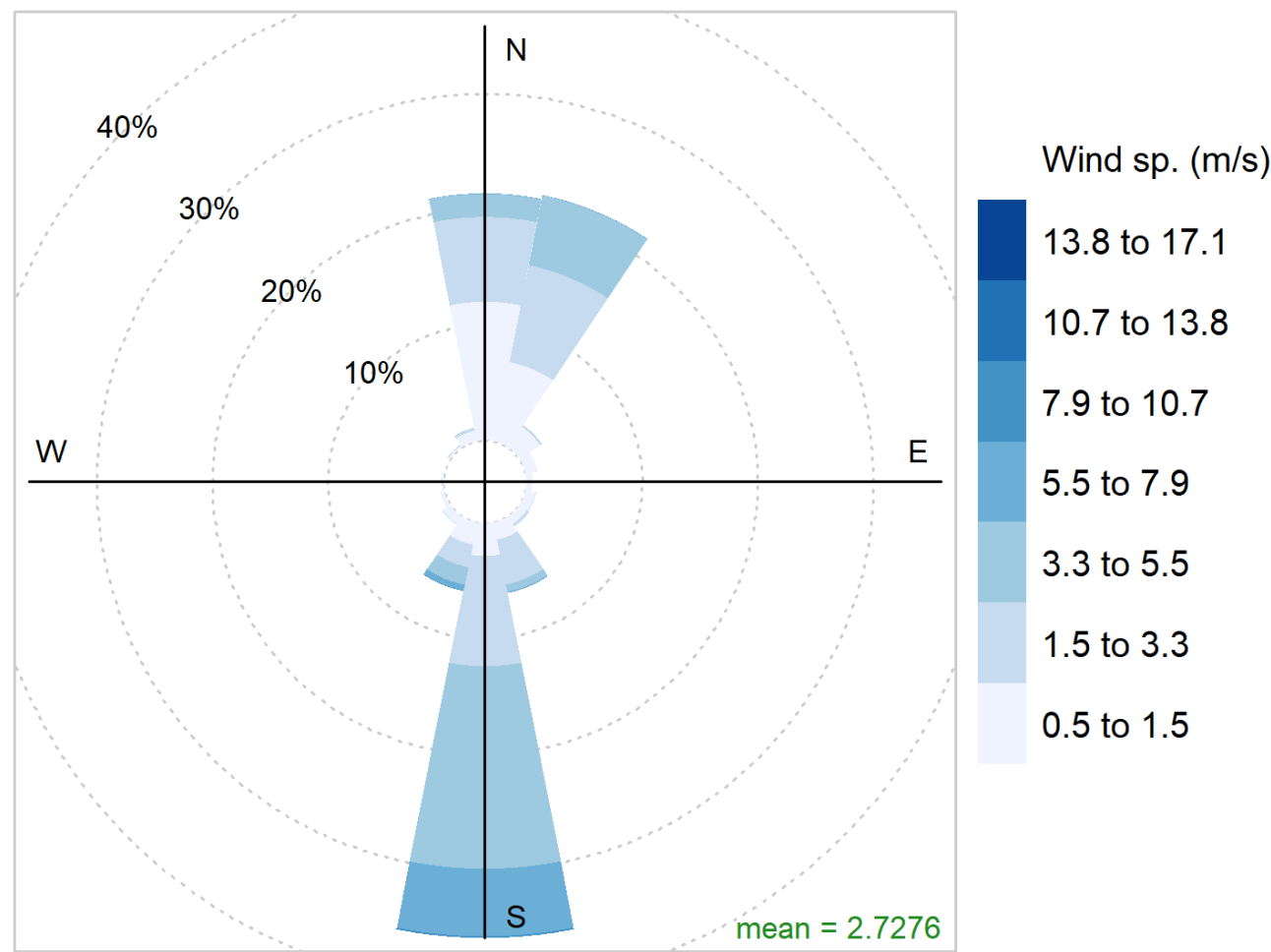
2026 Q1

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
AQHI		1 H					1	3	2026-02-12 20:00:00 2026-02-14 21:00:00	7.9	N
NO2	ppb	1 H	60	0	1.5	0.0	0.1	13.6	2026-03-23 08:00:00	95.2	Y
SO2	ppb	1 H	70	0	0.3	1.1	-1	7.8	2026-02-23 19:00:00	95.2	Y
O3	ppb	1 H	82	0	19.8	0.0	2.2	36.5	2026-02-17 15:00:00	95.2	Y
PM2.5	ug/m3	1 H			3.9	0.0	0	23	2026-02-12 20:00:00	98.8	Y
	ug/m3	24 H	25	0	3.9	0.0	1	8.5	2026-02-12	98.9	Y
Wind spd	m/s	1 H			2.6	0.0	0	8.04	2026-02-25 10:00:00	96.2	Y
Temp	°C	1 H			1.0		-11.7	9.1	2026-01-13 18:00:00	100.0	Y
Humidity	% RH	1 H			87.0	0.0	39.2	98.8	2026-01-06 08:00:00 2026-01-06 09:00:00 2026-01-06 10:00:00 2026-01-06 11:00:00 2026-01-06 12:00:00 2026-01-06 13:00:00	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%

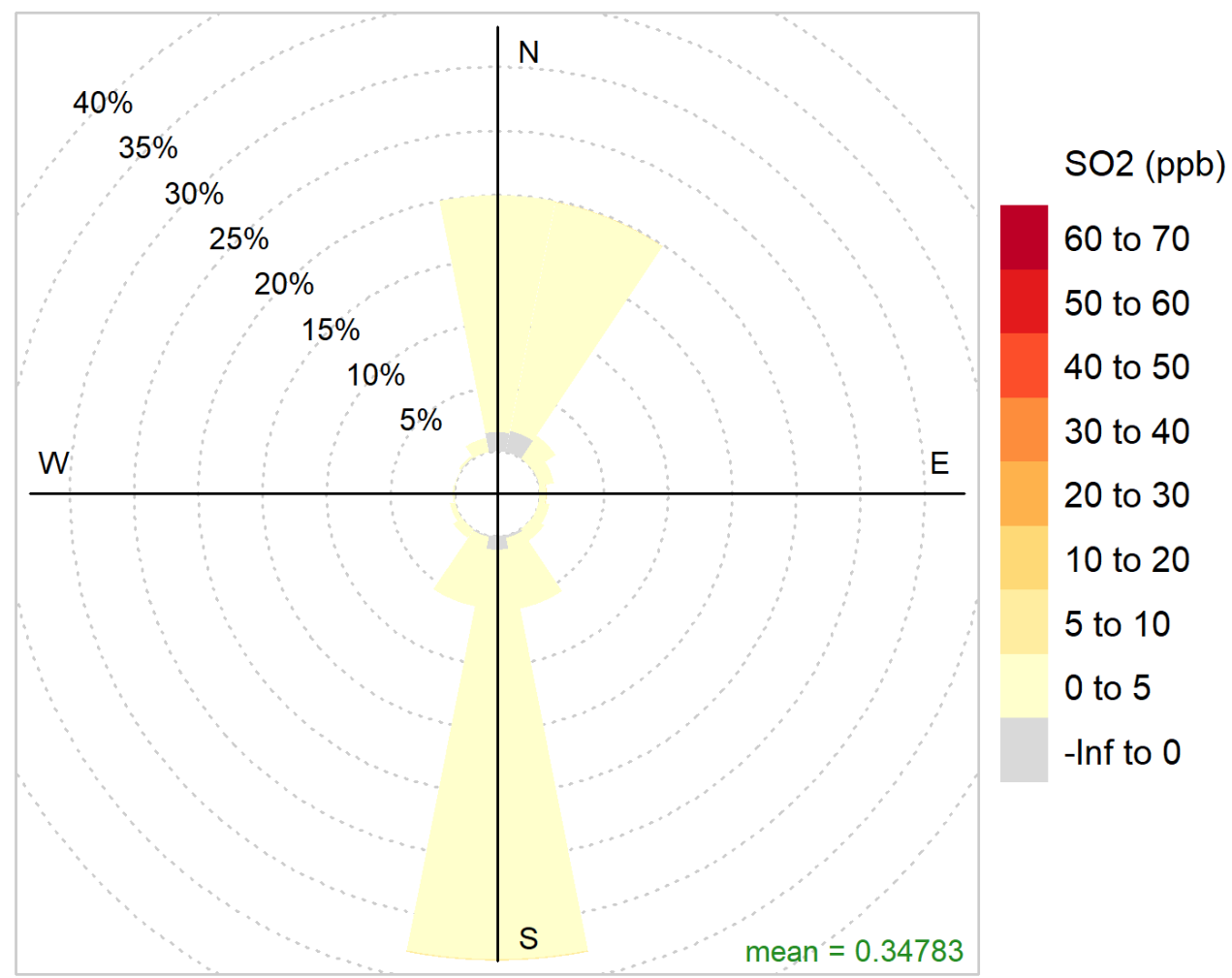
Parameter	Conversion	Unit	Notes
AQHI			
NO2	1 : 1.88	ppb : ug/m3	
SO2	1 : 2.62	ppb : ug/m3	
O3	1 : 1.96	ppb : ug/m3	
PM2.5			
Wind spd			
Temp			
Humidity			

Windrose
Kitimat Whitesail - 2026 Q1

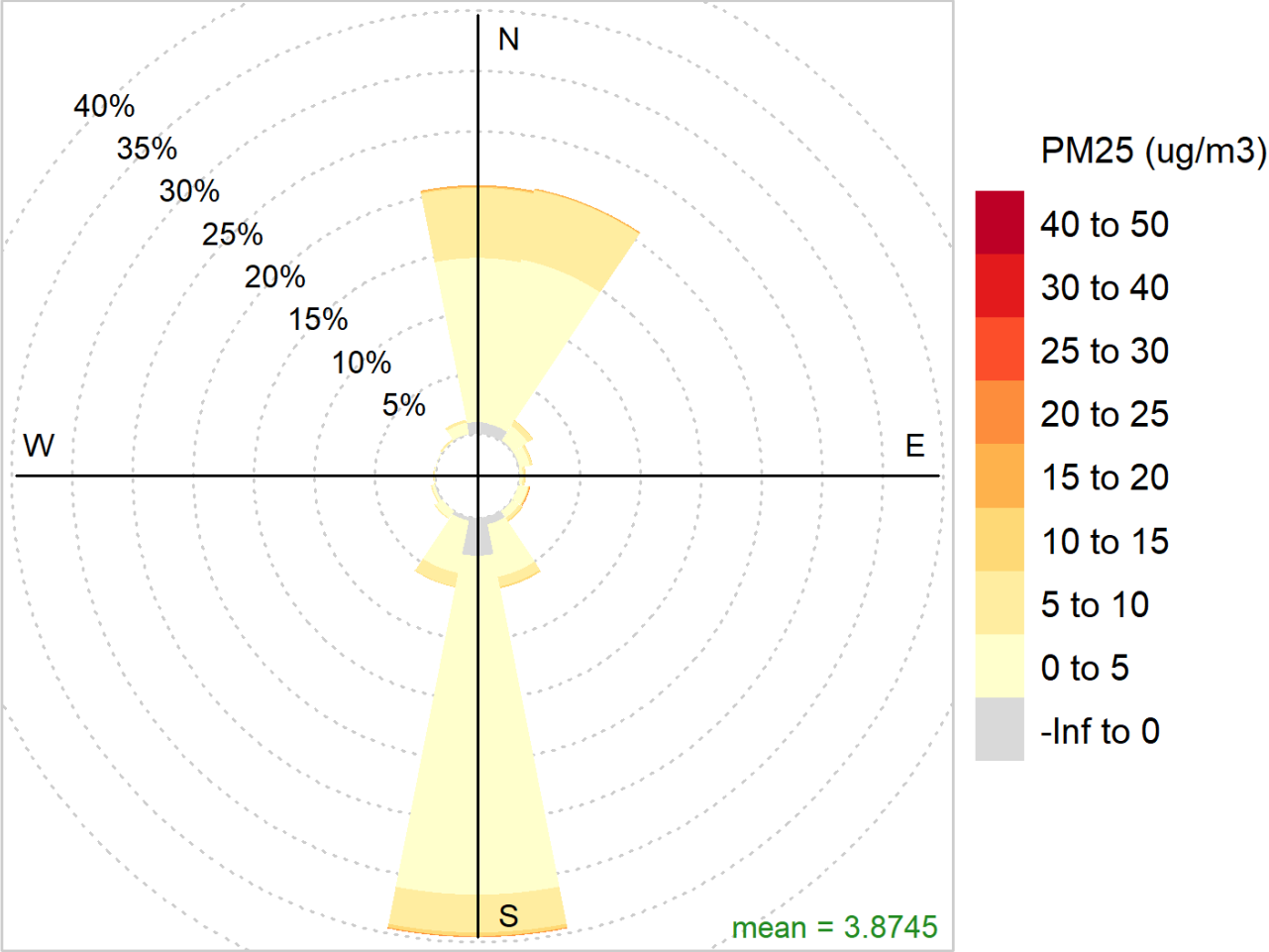


calms = 3.61%

SO2 pollution rose
Kitimat Whitesail - 2026 Q1



PM2.5 pollution rose
Kitimat Whitesail - 2026 Q1





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Automated Data Summary for

Kitimat Yacht Club 2026 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Parks

Generated:
2 April 2026

Note

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Kitimat Yacht Club

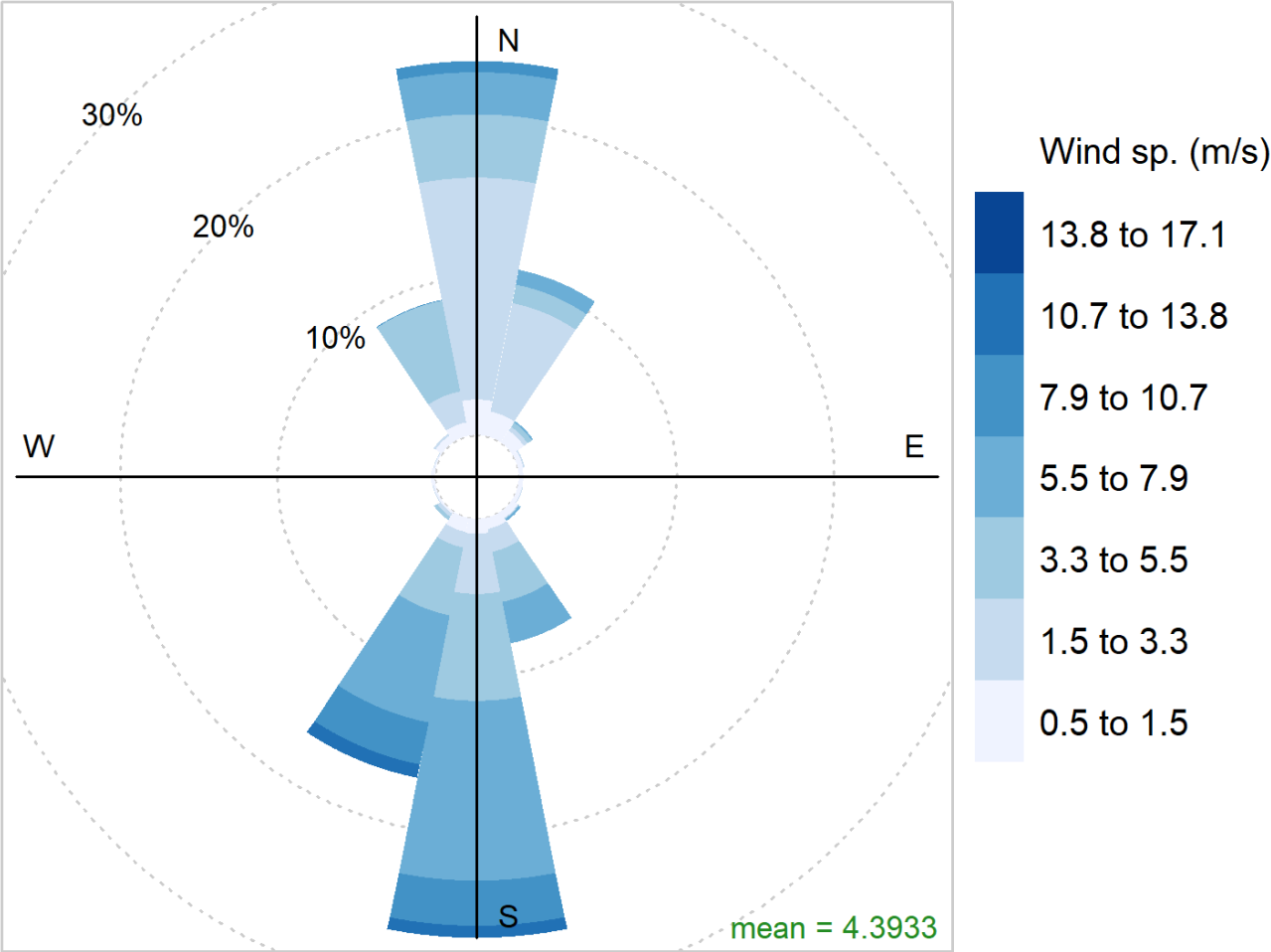
2026 Q1

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
Wind spd	m/s	1 H			4.4	0.0	0	13.18	2026-02-26 11:00:00	97.5	Y
Temp	°C	1 H			1.8		-10.1	8.7	2026-01-14 11:00:00 2026-03-07 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
Wind spd			
Temp			

Windrose
Kitimat Yacht Club - 2026 Q1



calms = 0.47%



Ministry of
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Automated Data Summary for
Terrace Skeena Middle School
2026 Q1

Provided to the Kitimat Airshed Group by the
B.C. Ministry of Environment and Parks

Generated:
2 April 2026

Note

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Terrace Skeena Middle School

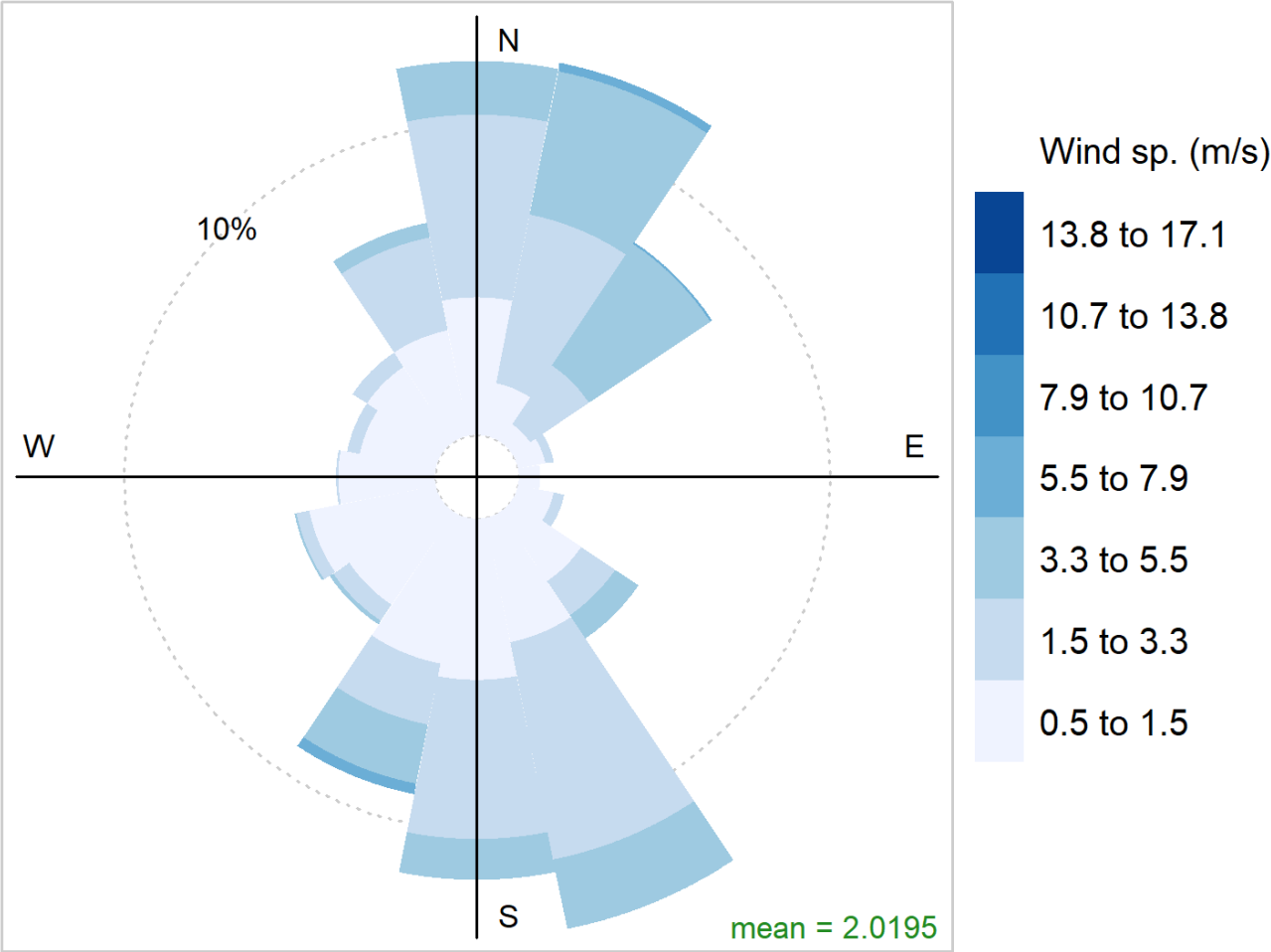
2026 Q1

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
AQHI		1 H					1	5	2026-01-04 20:00:00 2026-01-25 2026-02-23 20:00:00	99.6	Y
NO2	ppb	1 H	60	0	3.8	4.8	-1.7	21.9	2026-03-12 08:00:00	90.8	Y
SO2	ppb	1 H	70	0	1.0	3.1	-0.3	4	2026-03-23 12:00:00	90.9	Y
O3	ppb	1 H	82	0	24.0	0.0	0.4	51.9	2026-02-26 05:00:00	85.0	Y
PM2.5	ug/m3	1 H			5.0	0.0	0.1	49	2026-01-04 20:00:00	99.5	Y
	ug/m3	24 H	25	0	5.0	0.0	1.6	11.5	2026-01-24	100.0	Y
Wind spd	m/s	1 H			1.5	0.0	0	6.44	2026-03-07 18:00:00	96.0	Y
Temp	°C	1 H			1.1		-11.6	10.8	2026-01-13 18:00:00 2026-01-13 19:00:00	100.0	Y
Humidity	% RH	1 H			81.8	0.0	31.6	99.5	More than 5 occurrences (n = 25)	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%

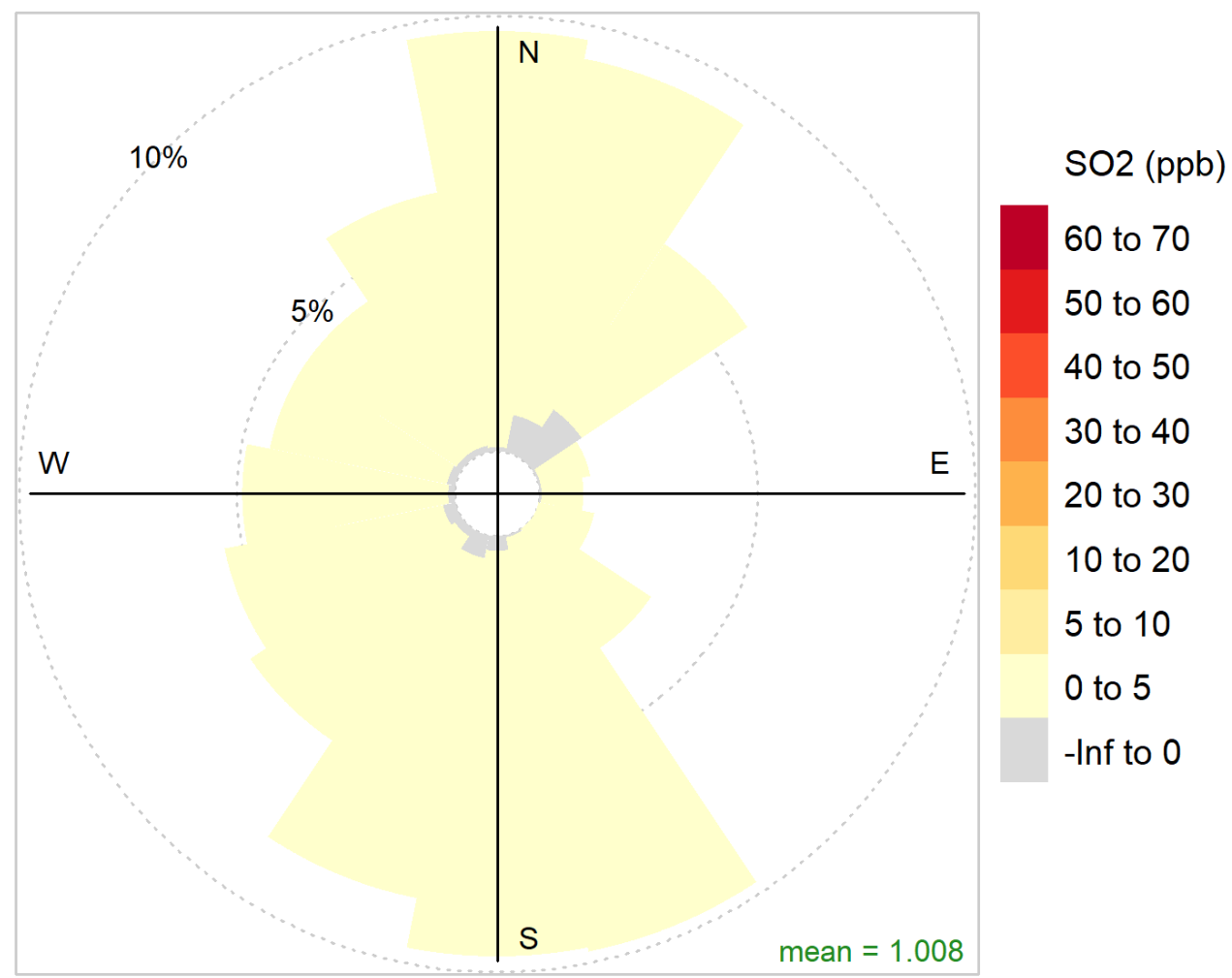
Parameter	Conversion	Unit	Notes
AQHI			
NO2	1 : 1.88	ppb : ug/m3	
SO2	1 : 2.62	ppb : ug/m3	
O3	1 : 1.96	ppb : ug/m3	
PM2.5			
Wind spd			
Temp			
Humidity			

Windrose
Terrace Skeena Middle School - 2026 Q1

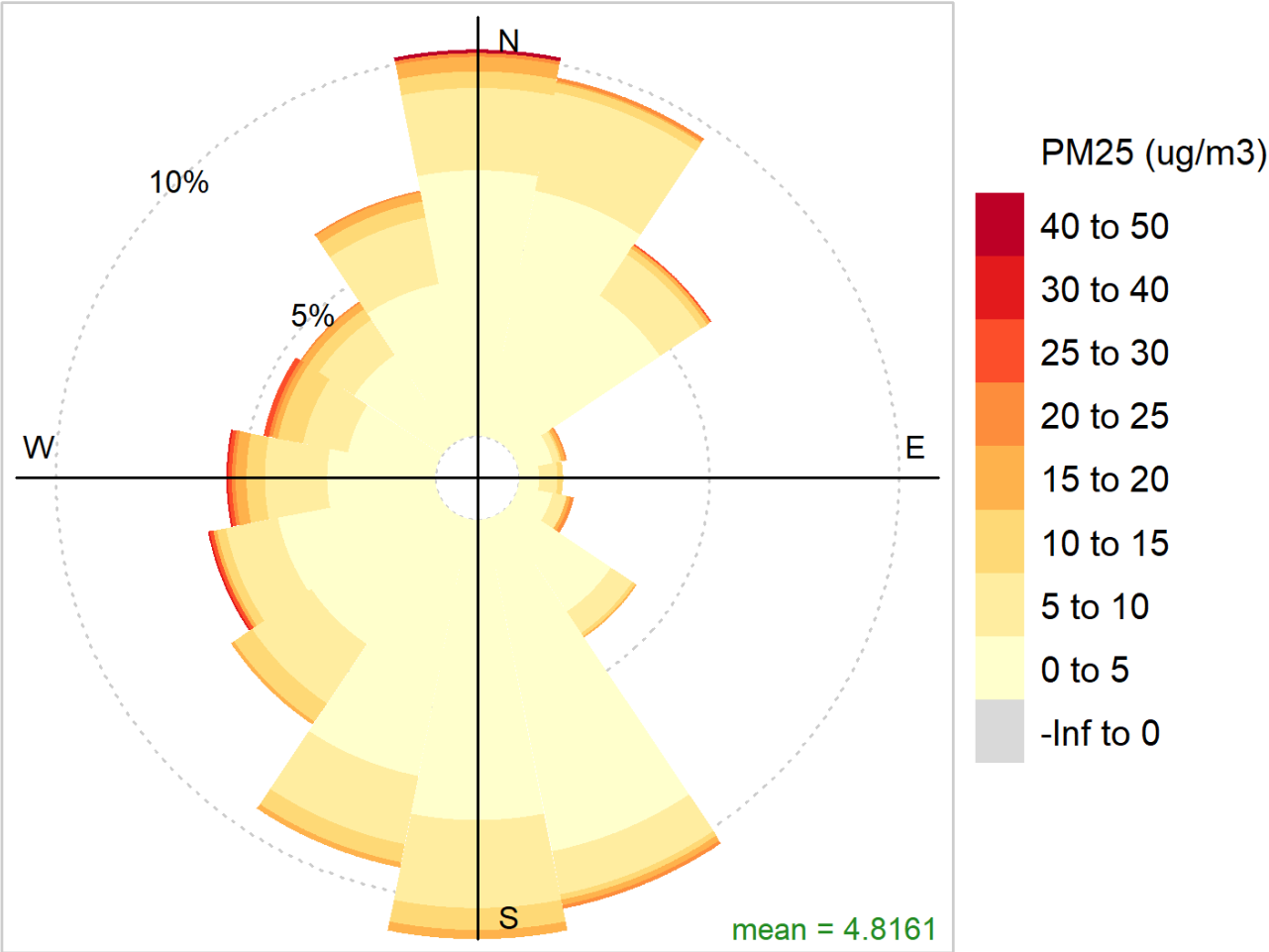


calms = 29.62%

SO2 pollution rose
Terrace Skeena Middle School - 2026 Q1



PM2.5 pollution rose
Terrace Skeena Middle School - 2026 Q1



Downtime and Maintenance Reports

Significant Offline Periods

<u>Station</u>	<u>Start Date</u>	<u>Start Hour</u>	<u>End Date</u>	<u>End Hour</u>	<u>Parameters</u>	<u>Description</u>	<u># Hours</u>
Village	2/12/2026	600	2/12/2026	1000	PM2.5	Power Outages	5
Village	2/12/2026	900	2/12/2026	900	All	Power Outage	1
Village	2/25/2026	1000	3/12/2026	1100	Wind	Wind Direction vane flew off in high winds that began on Feb 25 at 1000 PST	362
Village	3/7/2026	1800	3/7/2026	2300	All	Power Outage	6
Village	3/15/2026	2000	3/15/2026	2300	Wind	Frozen	4
Haul Road	1/3/2026	500	1/3/2026	1100	Wind	Frozen	7
Haul Road	1/7/2026	300	1/7/2026	400	PM2.5	Power Outage	2
Haul Road	3/15/2026	1600	3/15/2026	2200	Wind	Frozen	7
Industrial	1/2/2026	2100	1/5/2026	2100	Wind	Frozen	73
Industrial	2/10/2026	1300	2/10/2026	1400	All	Power Outage	2
Industrial	2/14/2026	0	2/14/2026	100	Wind	Frozen	2
Industrial	2/14/2026	700	2/14/2026	1000	Wind	Frozen	4
Industrial	2/14/2026	2000	2/15/2026	300	Wind	Frozen	8
Industrial	3/3/2026	1100	3/3/2026	1200	SO2	Power Outage	2
Industrial	3/9/2026	2000	3/9/2026	2200	Wind	Frozen	3
Industrial	3/10/2026	600	3/10/2026	1200	Wind	Frozen	7
Industrial	3/10/2026	2300	3/11/2026	1100	Wind	Frozen	13
Industrial	3/15/2026	1600	3/15/2026	2200	Wind	Frozen	7
Industrial	3/23/2026	1400	3/23/2026	1400	SO2	Power Outage	1
Riverlodge	1/2/2026	200	1/5/2026	2000	Wind	Frozen	91
Riverlodge	1/1/2026	1200	1/1/2026	1400	THC	Flatlined; Rebooted	3
Riverlodge	1/1/2026	1600	1/1/2026	2000	THC	Flatlined; Rebooted	5
Riverlodge	1/2/2026	700	1/2/2026	800	THC	Flatlined; Rebooted	2
Riverlodge	1/2/2026	2100	1/2/2026	2300	THC	Flatlined; Rebooted	3
Riverlodge	1/8/2026	0	1/8/2026	600	THC	Flatlined; Rebooted	7
Riverlodge	1/14/2026	2200	1/14/2026	2300	THC	Flatlined; Rebooted	2
Riverlodge	1/16/2026	600	1/16/2026	1100	Wind	Frozen	6
Riverlodge	1/18/2026	1700	1/18/2026	1700	THC	Flatlined; Rebooted	1
Riverlodge	1/19/2026	1700	1/19/2026	1900	THC	Flatlined; Rebooted	3
Riverlodge	1/21/2026	1400	1/21/2026	1400	THC	Flatlined; Rebooted	1

Riverlodge	1/23/2026	1300	1/23/2026	1400	THC	Flatlined; Rebooted	2
Riverlodge	1/25/2026	300	1/25/2026	500	THC	Flatlined; Rebooted	3
Riverlodge	1/25/2026	800	1/25/2026	800	THC	Flatlined; Rebooted	1
Riverlodge	1/27/2026	100	1/27/2026	600	THC	Flatlined; Rebooted	6
Riverlodge	1/29/2026	0	2/1/2026	900	THC	Unstable After Flatline; Flatliend again and response improved	82
Riverlodge	2/4/2026	200	2/4/2026	900	THC	Flatlined; Rebooted	8
Riverlodge	2/5/2026	700	2/5/2026	700	THC	Unrealistic; Suspect Contamination	1
Riverlodge	2/7/2026	900	2/7/2026	1500	THC	Flatlined; Rebooted	7
Riverlodge	2/11/2026	2300	2/12/2026	0	PM2.5	Tape Error	2
Riverlodge	2/12/2026	500	2/12/2026	600	PM2.5	Tape Error	2
Riverlodge	2/12/2026	900	2/12/2026	1000	PM2.5	Tape Error	2
Riverlodge	2/13/2026	1900	2/13/2026	1900	THC	Flatlined; Rebooted	1
Riverlodge	2/14/2026	100	2/14/2026	1000	Wind	Frozen	10
Riverlodge	2/14/2026	2100	2/15/2026	200	Wind	Frozen	6
Riverlodge	2/15/2026	1900	2/16/2026	700	THC	Flatlined; Rebooted	13
Riverlodge	2/17/2026	1000	2/17/2026	1300	Wind	Frozen	4
Riverlodge	2/18/2026	200	2/18/2026	200	THC	Flatlined; Rebooted	1
Riverlodge	2/18/2026	1600	2/18/2026	1600	THC	Flatlined; Rebooted	1
Riverlodge	2/19/2026	1600	2/19/2026	1600	THC	Flatlined; Rebooted	1
Riverlodge	2/24/2025	1000	2/24/2025	1100	THC	Flatlined; Rebooted	2
Riverlodge	2/24/2025	1100	2/24/2025	1200	PM2.5	Tape Error	2
Riverlodge	2/24/2025	1600	2/24/2025	2300	THC	Flatlined; Rebooted	8
Riverlodge	2/25/2026	500	2/25/2026	700	THC	Flatlined; Rebooted	3
Riverlodge	2/25/2026	1400	3/11/2026	900	THC	Out of Calibration	332
Riverlodge	3/10/2026	1600	3/11/2026	900	PM2.5	Tape Error	18
Riverlodge	3/13/2026	1000	3/13/2026	1300	THC	Flatlined; Rebooted	4
Riverlodge	3/15/2026	1600	3/15/2026	2300	Wind	Frozen	8
Riverlodge	3/23/2026	2300	3/24/2026	400	Wind	Frozen	6
Riverlodge	3/24/2026	2100	4/1/2026	0	THC	Out of Calibration	172
Whitesail	1/2/2026	2000	1/5/2026	2300	Wind	Frozen	76
Whitesail	1/15/2026	0	1/15/2026	1000	PM2.5	Tape Ran Out	11
Whitesail	1/16/2026	400	1/16/2026	1000	Wind	Frozen	7
Whitesail	1/27/2026	200	1/27/2026	1100	Wind	Frozen	10
Whitesail	2/13/2026	2300	2/14/2026	1000	Wind	Frozen	12
Whitesail	2/22/2026	900	2/22/2026	900	SO2	Analyzer Spike	1
Whitesail	3/11/2026	2000	3/12/2026	0	Wind	Frozen	5
Whitesail	3/12/2026	600	3/12/2026	900	Wind	Frozen	4

Whitesail	3/12/2026	2100	3/13/2026	1000	Wind	Frozen	14
Whitesail	3/15/2026	1700	3/16/2026	300	Wind	Frozen	11
Whitesail	3/23/2026	400	3/23/2026	900	Wind	Frozen	6
Yacht Club	1/3/2026	100	1/5/2026	1300	Wind	Frozen	61
Yacht Club	3/9/2026	2100	3/9/2026	2200	Wind	Frozen	2
Yacht Club	3/15/2026	1500	3/15/2026	2200	Wind	Frozen	8

Maintenance

<u>Station</u>	<u>Start Date</u>	<u>Start Hour</u>	<u>End Date</u>	<u>End Hour</u>	<u>Parameters</u>	<u>Description</u>	
Village	1/7/2026	1600	1/7/2026	1600	O3/NOx/SO2	Filter Change	1
Village	1/22/2026	1800	1/22/2026	1900	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Village	2/20/2026	1600	2/20/2026	1600	O3/NOx/SO2	Filter Change	1
Village	2/20/2026	1600	2/20/2026	1700	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Village	3/12/2026	1200	3/12/2026	1300	Wind/Temp	Repair Damaged Wind Vane	2
Village	3/12/2026	1400	3/12/2026	1400	O3/NOx/SO2	Filter Change	1
Village	3/25/2026	1100	3/25/2026	1200	O3/NOx/SO2/PM2.5	MOE Audit	2
Village	3/30/2026	1600	3/31/2026	1800	O3/NOx/SO2	O3 As Found MP	27
Village	3/31/2026	1000	3/31/2026	1100	O3/NOx/SO2	NOx/SO2 As Found MPs	2
Village	3/31/2026	1800	3/31/2026	1900	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Haul Road	1/6/2026	1500	1/6/2026	1700	SO2/HF	SO2 Calibration	3
Haul Road	1/16/2026	1500	1/22/2026	1700	Temp	Sensor Maintenance	147
Haul Road	1/22/2026	1200	1/22/2026	1300	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Haul Road	2/11/2026	1100	2/11/2026	1100	SO2/HF	Filter Change; HF Quarterly MP Verification	1
Haul Road	2/11/2026	1300	2/11/2026	1400	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Haul Road	3/25/2026	1400	3/25/2026	1500	SO2/HF/PM2.5	MOE Audit	2
Haul Road	3/31/2026	1200	3/31/2026	1400	PM2.5	Monthly Flow Rate Verification and Maintenance	3
Industrial	1/6/2026	1500	1/6/2026	1700	SO2	SO2 Calibration	3
Industrial	2/6/2026	1200	2/6/2026	1700	SO2	SO2 Calibration	6
Industrial	2/23/2026	1700	2/23/2026	1900	SO2	SO2 Calibration	3
Industrial	3/6/2026	1400	3/6/2026	1400	SO2	Filter Change	1
Industrial	3/26/2026	1000	3/26/2026	1100	SO2	MOE Audit	2
Industrial	3/27/2026	1500	3/27/2026	1500	SO2	Manual ZPS Check	1

Riverlodge	1/7/2026	1400	1/7/2026	1500	PM10/PM2.5	Clock Adjustments and Battery Repair	2
Riverlodge	1/22/2026	1400	1/22/2026	1600	PM10/PM2.5	Monthly Flow Rate Verification and Maintenance	3
Riverlodge	2/5/2026	1100	2/5/2026	1600	O3/NOx/SO2/THC/HF	SO2 As Found MP; THC Troubleshooting (H2 Tank Swap; Bakeout)	6
Riverlodge	2/5/2026	1900	2/5/2026	2300	O3/NOx/SO2/THC/HF	SO2/THC Calibration	5
Riverlodge	2/6/2026	900	2/6/2026	900	THC	THC Troubleshooting (Bakeout)	1
Riverlodge	2/6/2026	1400	2/6/2026	1600	O3/NOx/SO2/THC/HF	THC Calibration	3
Riverlodge	2/11/2026	1600	2/11/2026	1600	O3/NOx/SO2/THC/HF	HF Quarterly MP Verification	1
Riverlodge	2/11/2026	1500	2/11/2026	1800	PM10	Monthly Flow Rate Verification and Maintenance	4
Riverlodge	2/16/2026	1700	2/16/2026	1900	O3/NOx/SO2/THC/HF	THC Troubleshooting (Zero and Span Tests)	3
Riverlodge	2/18/2026	1900	2/18/2026	2100	O3/NOx/SO2/THC/HF	THC Troubleshooting (Zero and Span Tests)	3
Riverlodge	2/20/2026	1100	2/20/2026	1300	PM10/PM2.5	Monthly Flow Rate Verification and Maintenance; Clock Adjustments	3
Riverlodge	2/23/2026	1200	2/23/2026	1400	O3/NOx/SO2/THC/HF	SO2/THC Calibration	3
Riverlodge	2/24/2026	1400	2/24/2026	1500	O3/NOx/SO2/THC/HF	THC Troubleshooting (Zero and Span Tests)	2
Riverlodge	2/25/2026	1100	2/25/2026	1300	O3/NOx/SO2/THC/HF	THC Troubleshooting (Peak Adjustment and Calibration)	3
Riverlodge	3/4/2026	1100	3/4/2026	1400	O3/NOx/SO2/HF	Filter Change / THC Troubleshooting	4
Riverlodge	3/5/2026	2000	3/6/2026	0	O3/NOx/SO2/HF	THC Troubleshooting (Bakeout)	5
Riverlodge	3/6/2026	1000	3/6/2026	1100	O3/NOx/SO2/HF	THC Troubleshooting (Zero and Span Tests)	2
Riverlodge	3/6/2026	1200	3/11/2026	900	PM10	PM10 Zero Background Test	118
Riverlodge	3/6/2026	1400	3/6/2026	1400	O3/NOx/SO2/HF	THC Troubleshooting (Bakeout)	1
Riverlodge	3/6/2026	2100	3/7/2026	0	O3/NOx/SO2/THC/HF	THC Calibration	4
Riverlodge	3/11/2026	1000	3/11/2026	1700	O3/NOx/SO2/THC/HF	THC Calibration	8
Riverlodge	3/12/2026	1600	3/12/2026	1800	O3/NOx/SO2/THC/HF	THC Troubleshooting (Span Test)	3
Riverlodge	3/25/2026	1500	3/25/2026	1700	O3/NOx/SO2/HF/PM10/PM2.5	MOE Audit	3
Riverlodge	3/30/2026	1600	3/30/2026	2100	O3/NOx/SO2/HF	O3/NOx As Found MP and THC Calibration	6
Riverlodge	3/31/2026	1500	3/31/2026	1600	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Whitesail	1/15/2026	1100	1/15/2026	1100	PM2.5	Tape Replaced	1
Whitesail	1/16/2026	1100	1/16/2026	1100	SO2/O3/NOx	Filters Changed	1
Whitesail	1/29/2026	1700	1/29/2026	1800	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Whitesail	2/20/2026	1400	2/20/2026	1500	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Whitesail	3/25/2026	800	3/25/2026	1000	SO2/O3/NOx/PM2.5	MOE Audit	3
Whitesail	3/30/2026	1600	3/30/2026	1800	SO2/O3/NOx	O3/NOx/SO2 As Found MP Verifications	3
Whitesail	3/31/2026	1600	3/31/2026	1700	PM2.5	Monthly Flow Rate Verification and Maintenance	2
Whitesail	3/31/2026	1700	3/31/2026	1700	SO2/O3/NOx	Filters Changed	1
Yacht Club	None						

Summary of Industrial Events and Community Notifications

Period: 2026-01-01 – 2026-03-31

LNG Canada Community Flaring Notifications

Total number of flaring notifications during period: 16

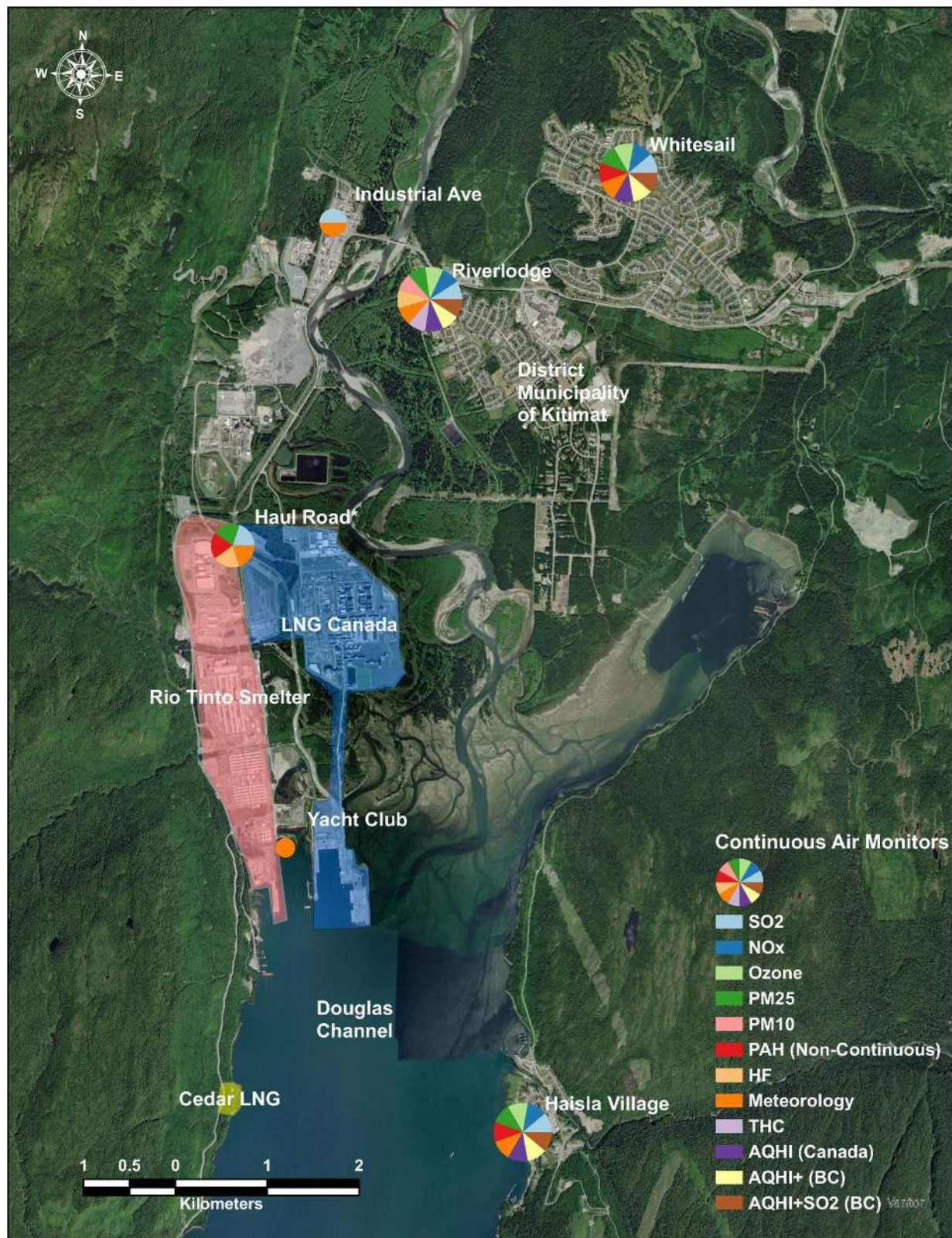
- Planned flaring events: 6
- Unplanned flaring events: 10

Rio Tinto Bypass and Upset Notifications

Total number of bypass/upset notifications during period: 2

- Planned events: 0
- Unplanned events: 2

Kitimat Monitoring Stations: Map



Kitimat Monitoring Stations: Clarifications

AQHI

Air Quality Health Index is a tool in Canada to communicate the level of health risks associated with air quality. It considers nitrogen dioxide, ozone and fine particulate matter ambient air concentrations in the formulation of the AQHI. [About the Air Quality Health Index - Canada.ca](#)

AQHI+ - Air Quality Health Index adjusted by the Province to improve the accuracy of the reported health risk from wildfire smoke throughout the year. [Air Quality Health Index - Province of British Columbia](#)

AQHI+SO2

Air Quality Health Index adjusted by the Province specifically in Kitimat that also considers SO2 ambient air concentrations. [Kitimat SO2 Alert Pilot Project - Province of British Columbia](#)

Haul Road*

The monitoring station known as Haul Road is located along the property lines of Rio Tinto Alcan and LNG Canada and is not considered in the community AQHI calculation.