



Kitimat Airshed Group

QUARTERLY AIR QUALITY REPORT

JULY – SEPTEMBER 2025

Submitted by Lindsay Sackett, KAG Secretariat
December 4th, 2025

Table of Contents

Report Summary	2
Kitimat Haisla Village	3
Kitimat Haul Road	8
Kitimat Industrial Ave	13
Kitimat Riverlodge	17
Kitimat Whitesail	23
Kitimat Yacht Club	28
Terrace Skeena Middle School	31
Downtime and Maintenance Reports	36
Summary of Industrial Events and Community Notifications	41

Report Summary

Quarterly Data Summary Reports for July 1 to September 30, 2025:

The first quarterly data summary report includes ambient air quality stations in Kitimat, Kitamaat 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 (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. RT 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 flaring associated with startup of their refrigerant production unit, startup of Train 1, String 2, inline inspection of the Coastal GasLink pipeline, and the re-start of Train 1, String 1.

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

- There were several SO₂ readings higher than the metric value (70 ppb) recorded during this quarter:
 - The highest SO₂ value recorded at Haul Road was 79.1 ppb at 16:00 on 2025-07-08.
 - The highest SO₂ value recorded at Industrial Ave was 84.8 ppb at 15:00 on 2025-09-05.
- The AQHI at Terrace Skeena Middle School reached a reading of 7 on 2025-08-06 at 6:00.
- Haul Road, Industrial Ave, and Riverlodge experienced consecutive outages almost daily from 2025-07-01 to 2025-07-16 because of an IT security issue. The description in the Maintenance Records associated with this event is simply “Flatlined”. Consultants remedied the situation by creating a more secure IP address and implementing additional security protocols.



Ministry of
Environment
and Parks

Automated Data Summary for

Kitimat Haisla Village 2025 Q3

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

Generated:
21 November 2025

Note

This report is generated automatically and contains unverified data.

Kitimat Haisla Village

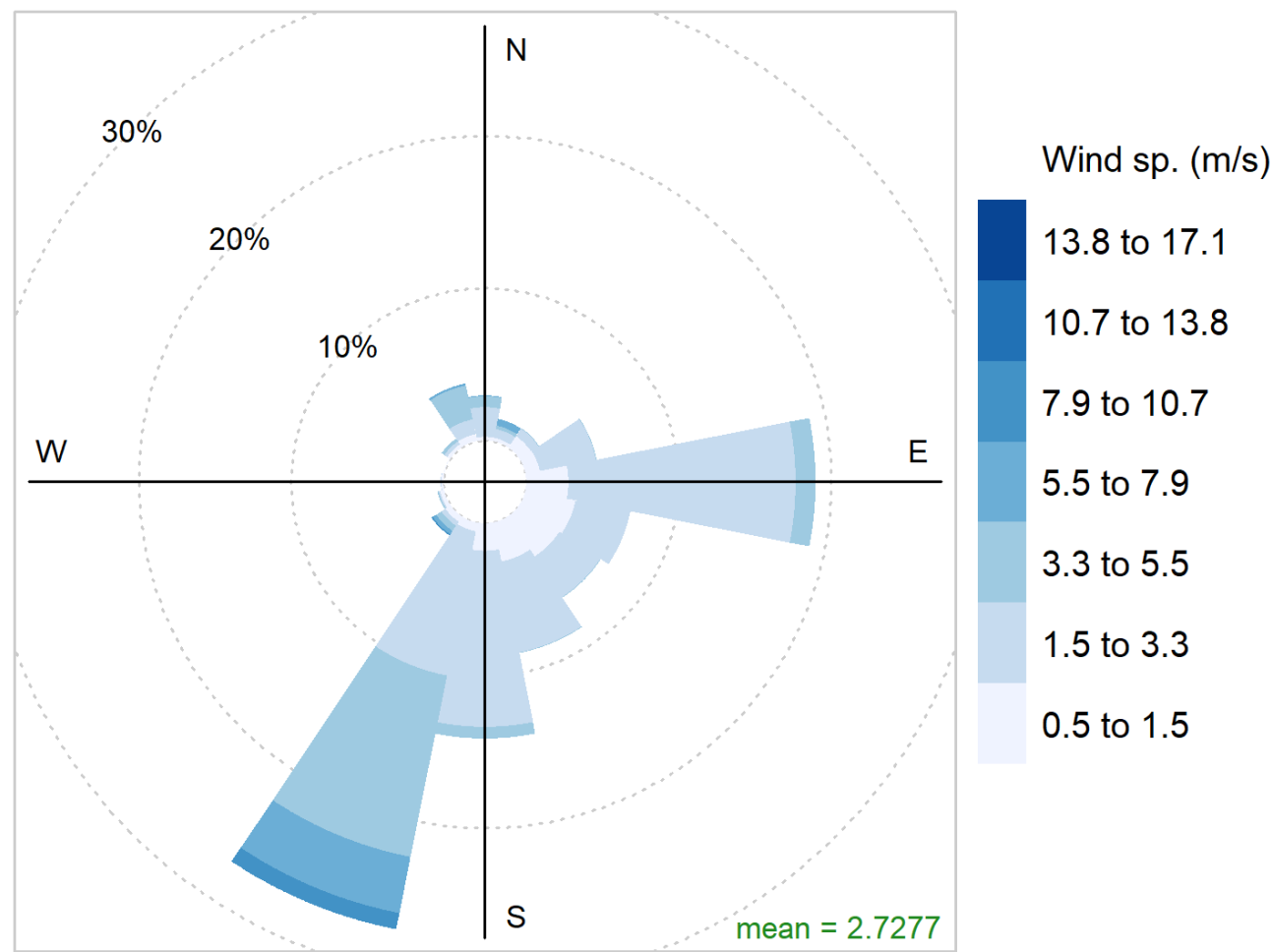
2025 Q3

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 = 25)	16.2	N
NO2	ppb	1 H	60	0	0.3	0.0	0	5.4	2025-08-18 16:00:00	95.2	Y
SO2	ppb	1 H	70	0	0.4	0.0	0	18.2	2025-09-03 11:00:00	95.2	Y
O3	ppb	1 H	82	0	14.5	0.0	1	37.2	2025-09-17 06:00:00	95.2	Y
PM2.5	ug/m3	1 H			5.4	0.0	0	29	2025-09-04 16:00:00 2025-09-06 14:00:00	99.3	Y
	ug/m3	24 H	25	0	5.4	0.0	2	21.1	2025-09-04	100.0	Y
Wind spd	m/s	1 H			2.7	0.0	0.48	9.88	2025-07-24 17:00:00	100.0	Y
Temp	°C	1 H			16.1		5.5	26.4	2025-09-01 15:00:00	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%

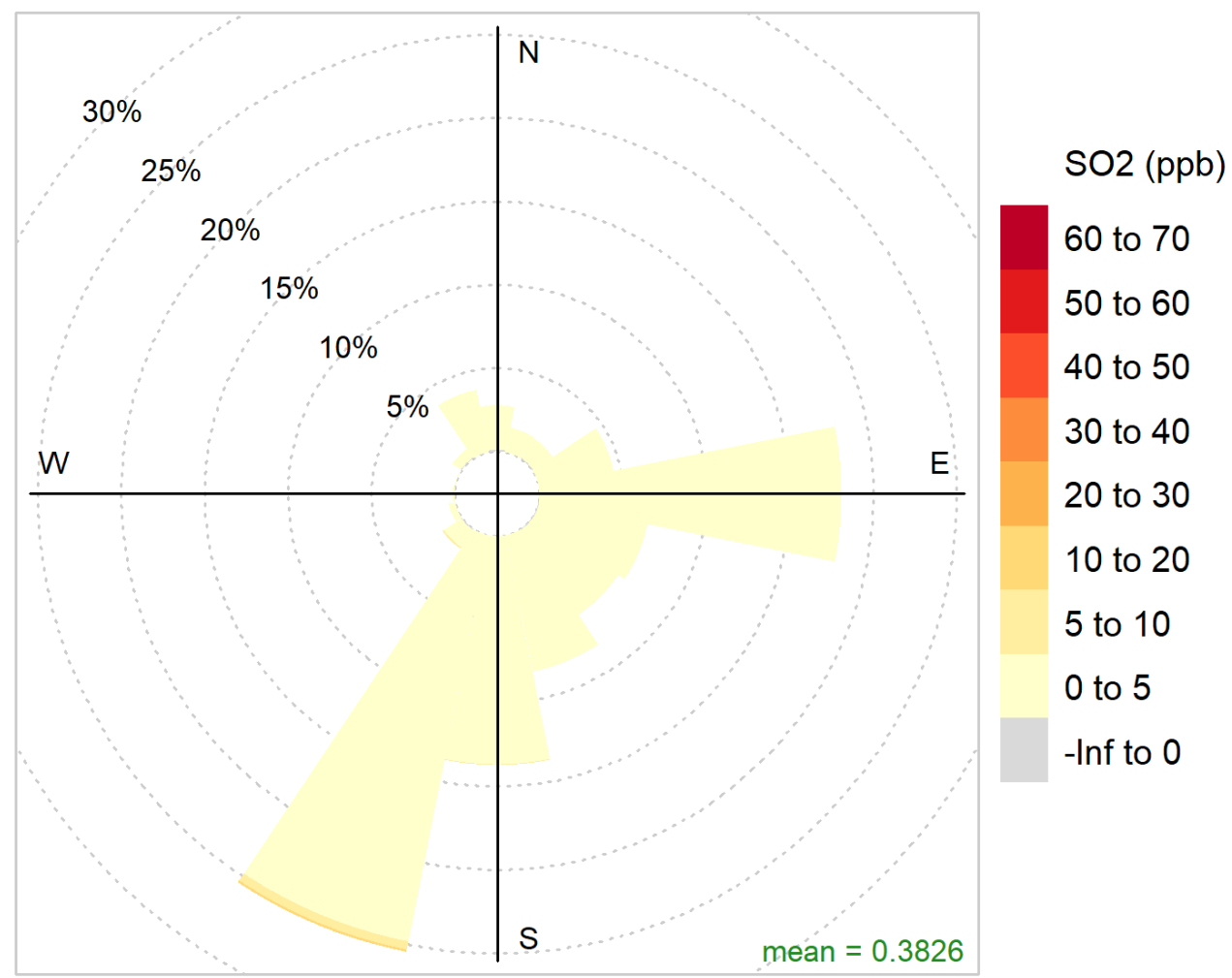
Parameter	Conversion	Unit	Notes
AQHI			
NO2	1 : 1.88	ppb : ug/m3	
SO2	1 : 2.62	ppb : ug/m3	
O3	1 : 1.96	ppb : ug/m3	
PM2.5			
Wind spd			
Temp			

Windrose
Kitimat Haisla Village - 2025 Q3

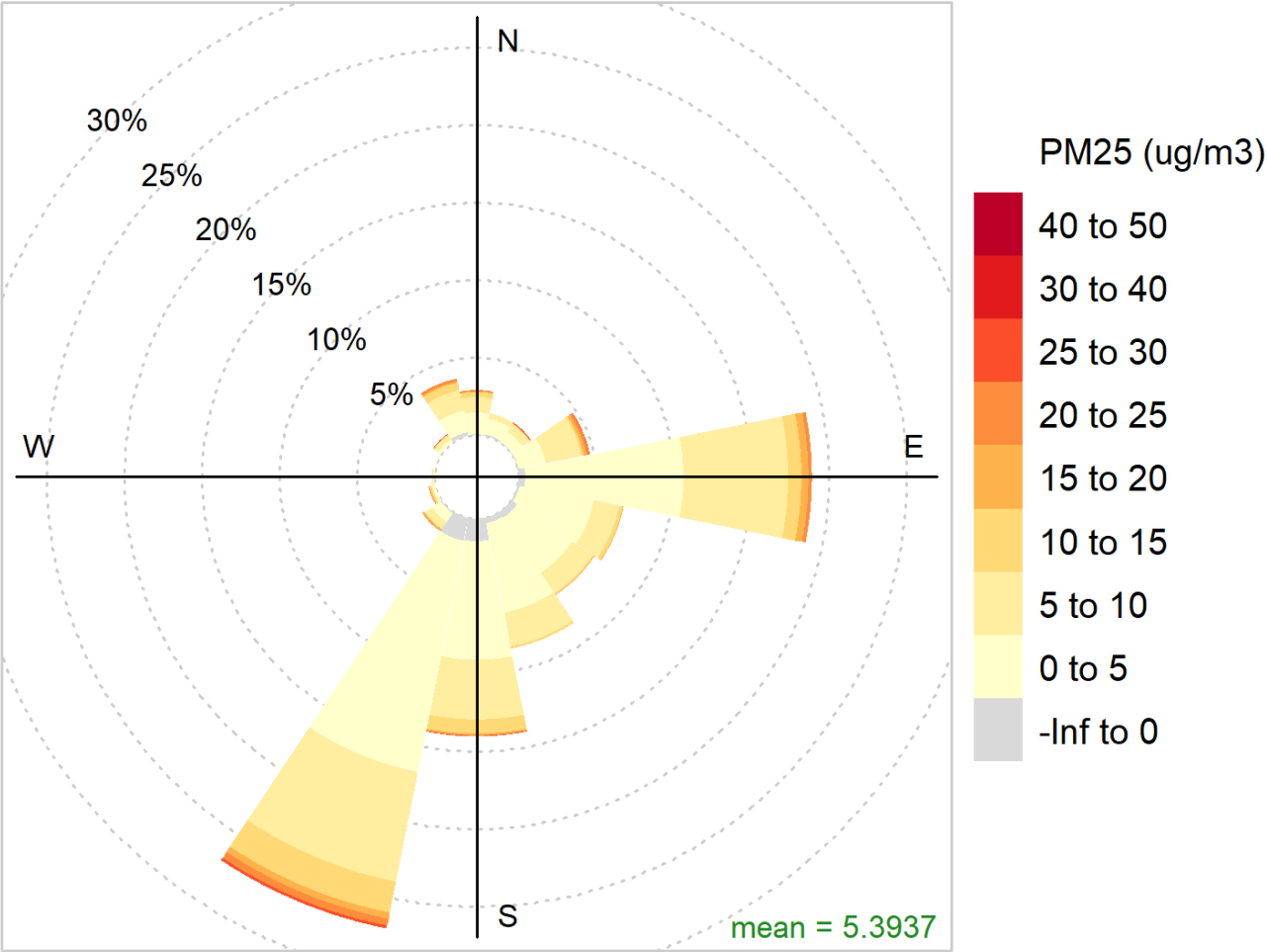


calms = 0.05%

SO2 pollution rose
Kitimat Haisla Village - 2025 Q3



PM2.5 pollution rose
Kitimat Haisla Village - 2025 Q3





Ministry of
Environment
and Parks

Automated Data Summary for

Kitimat Haul Road 2025 Q3

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

Generated:
21 November 2025

Note

This report is generated automatically and contains unverified data.

Kitimat Haul Road

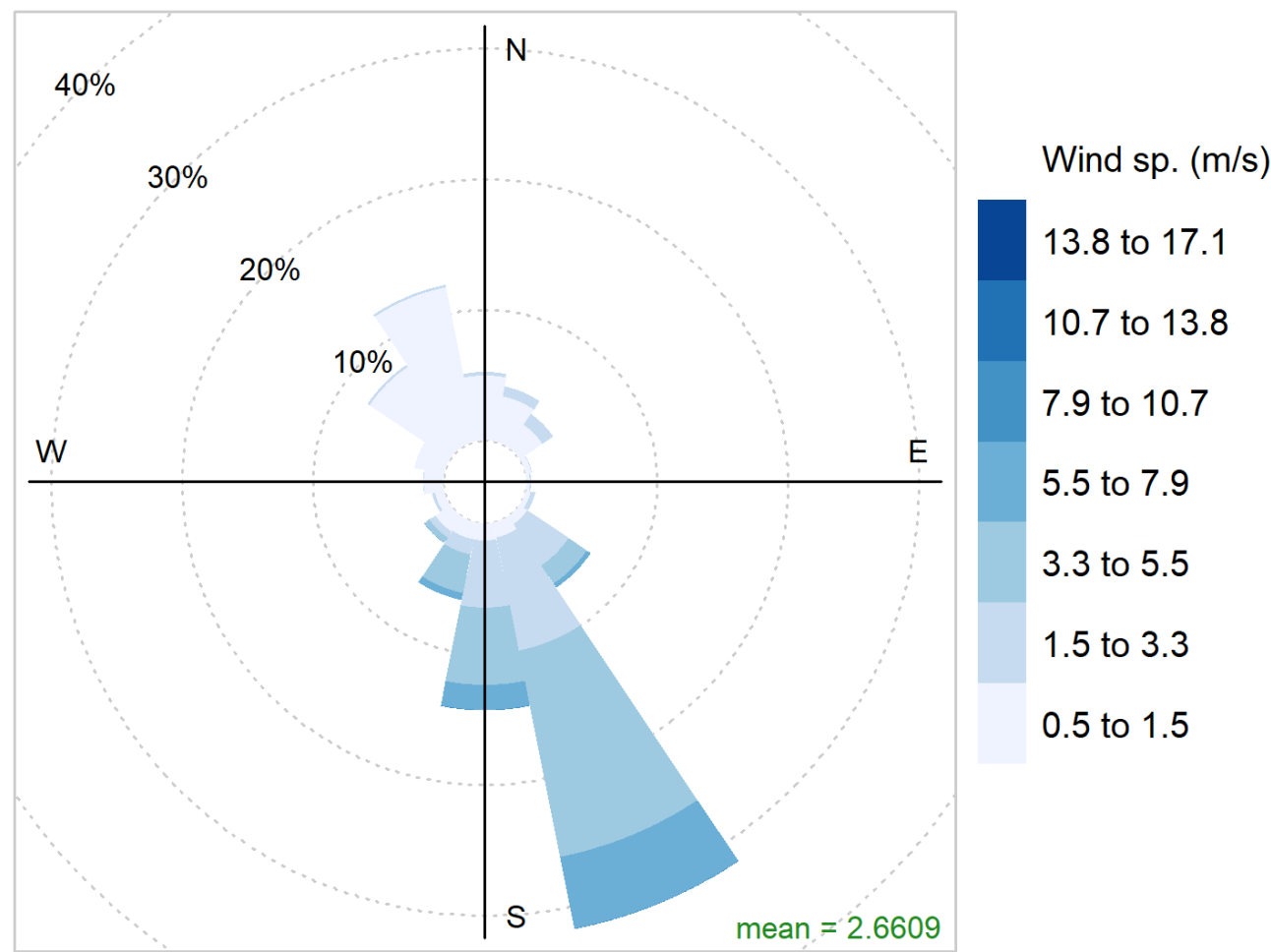
2025 Q3

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
SO2	ppb	1 H	70	1	5.7	0.2	-0.1	79.1	2025-07-08 16:00:00	92.5	Y
HF	ppb	1 H	63	0	0.3	0.0	0.1	0.6	More than 5 occurrences (n = 7)	95.1	Y
	ppb	24 H			0.3	0.0	0.2	0.5	2025-07-12	98.9	Y
PM2.5	ug/m3	1 H			6.5	0.0	0	39	2025-09-06 14:00:00	99.3	Y
	ug/m3	24 H	25	0	6.5	0.0	1.5	21.4	2025-09-05	100.0	Y
Wind spd	m/s	1 H			2.7	0.0	0.29	8.02	2025-08-02 17:00:00	100.0	Y
Temp	°C	1 H			15.8		5.5	29.2	2025-07-21 14:00:00	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%

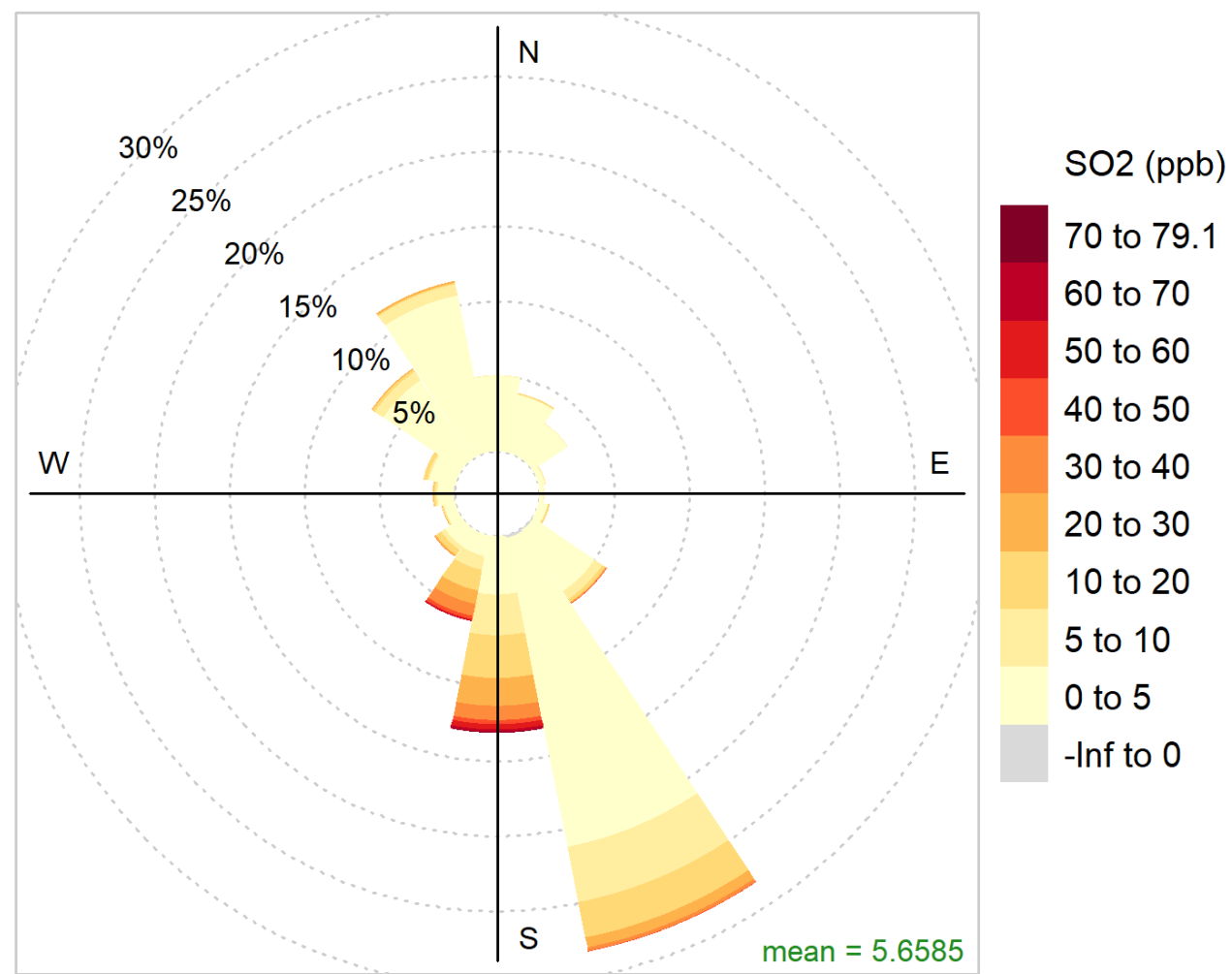
Parameter	Conversion	Unit	Notes
SO2	1 : 2.62	ppb : ug/m3	
HF	1 : 0.82	ppb : ug/m3	
PM2.5			
Wind spd			
Temp			

Windrose
Kitimat Haul Road - 2025 Q3

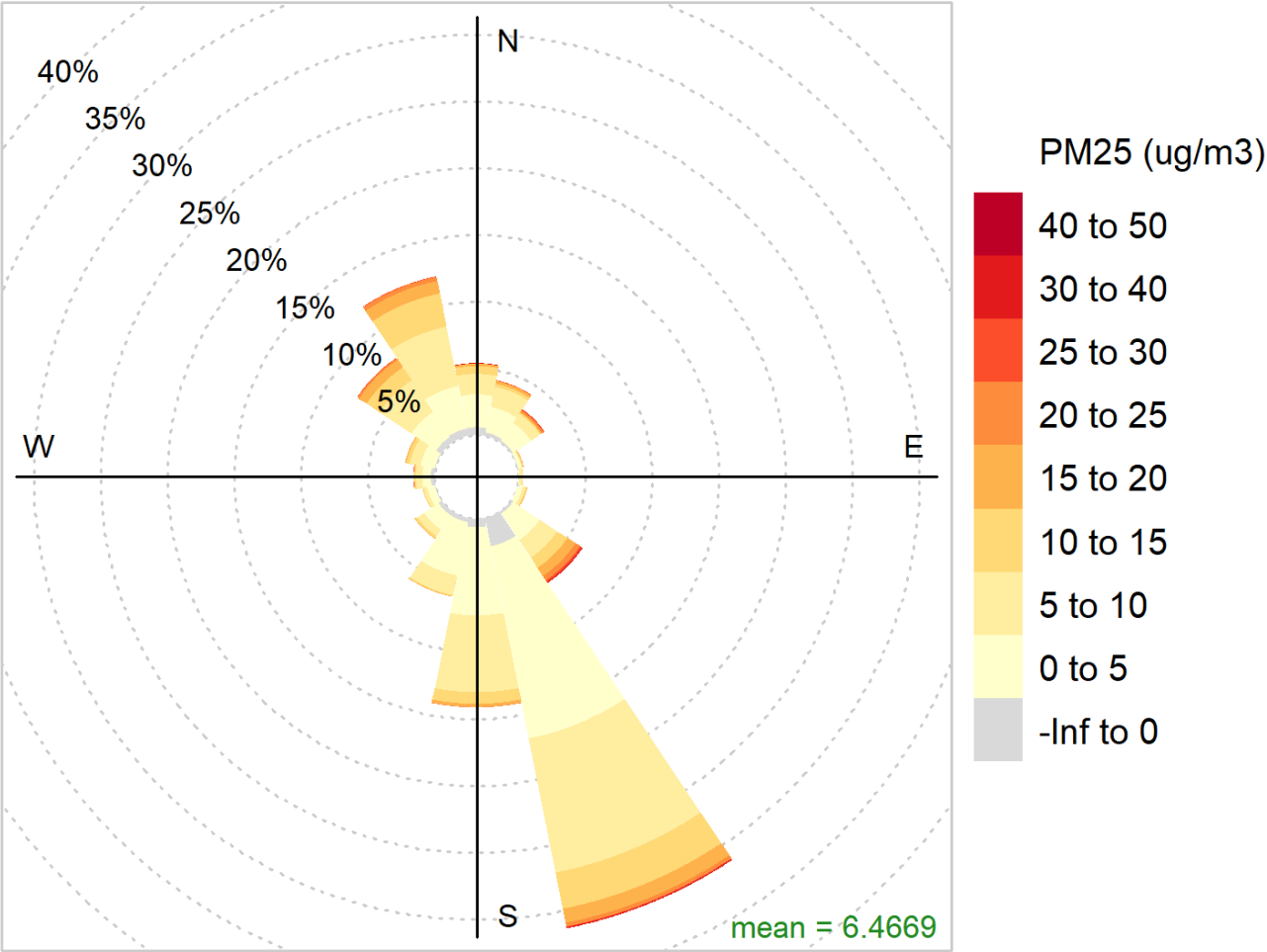


calms = 0.36%

SO2 pollution rose
Kitimat Haul Road - 2025 Q3



PM2.5 pollution rose
Kitimat Haul Road - 2025 Q3





Ministry of
Environment
and Parks

Automated Data Summary for

Kitimat Industrial Ave

2025 Q3

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

Generated:
21 November 2025

Note

This report is generated automatically and contains unverified data.

Kitimat Industrial Ave

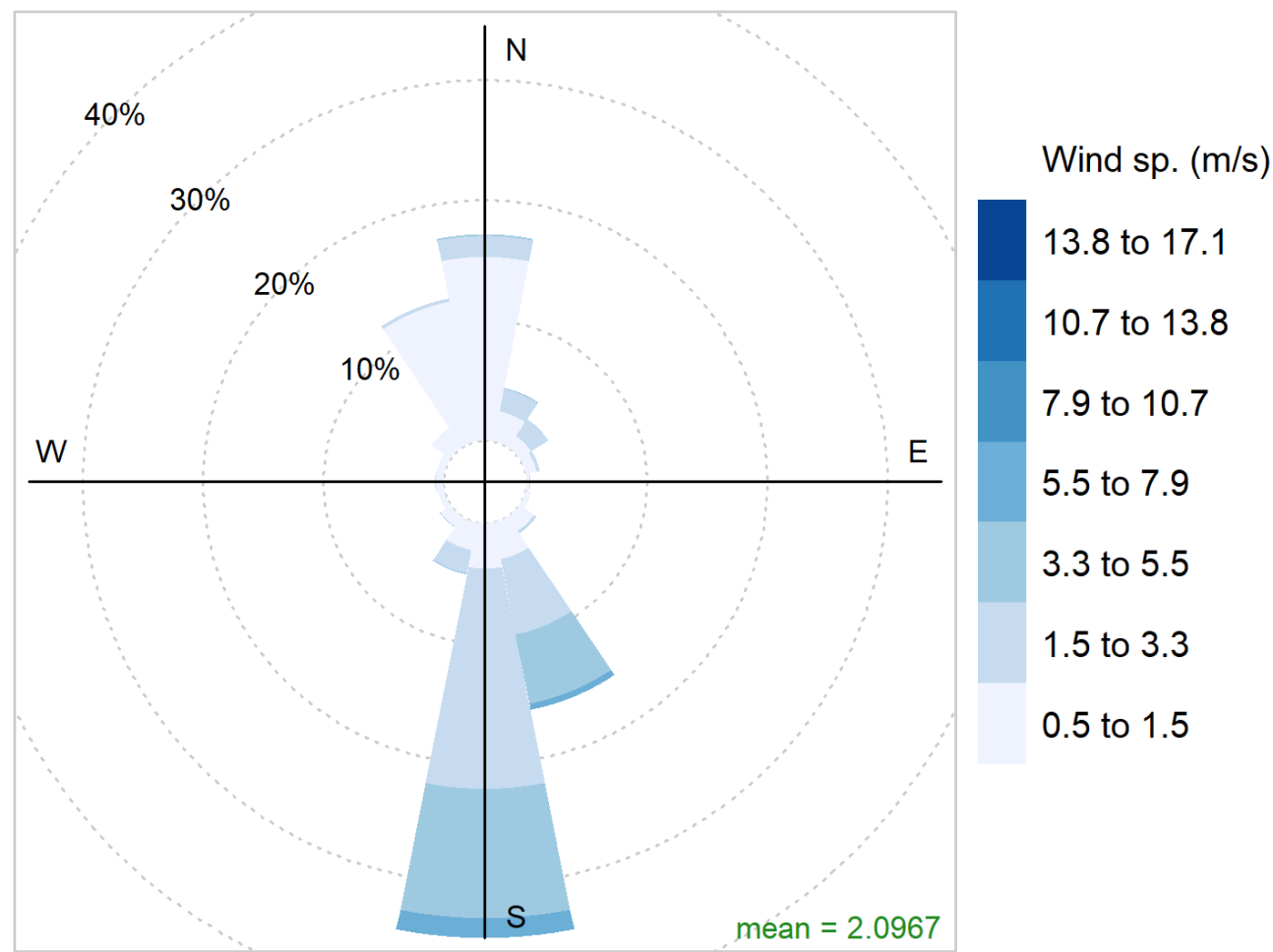
2025 Q3

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
SO2	ppb	1 H	70	1	2.1	4.0	-0.9	84.8	2025-09-05 15:00:00	91.8	Y
Wind spd	m/s	1 H			2.1	0.0	0.5	7.4	2025-07-23 19:00:00	99.8	Y
Temp	°C	1 H			16.2		5.5	30.3	2025-07-21 14:00:00	99.8	Y
Humidity	% RH	1 H			76.3	0.0	30.5	95.1	2025-09-29 04:00:00 2025-09-29 23:00:00 2025-09-30	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%

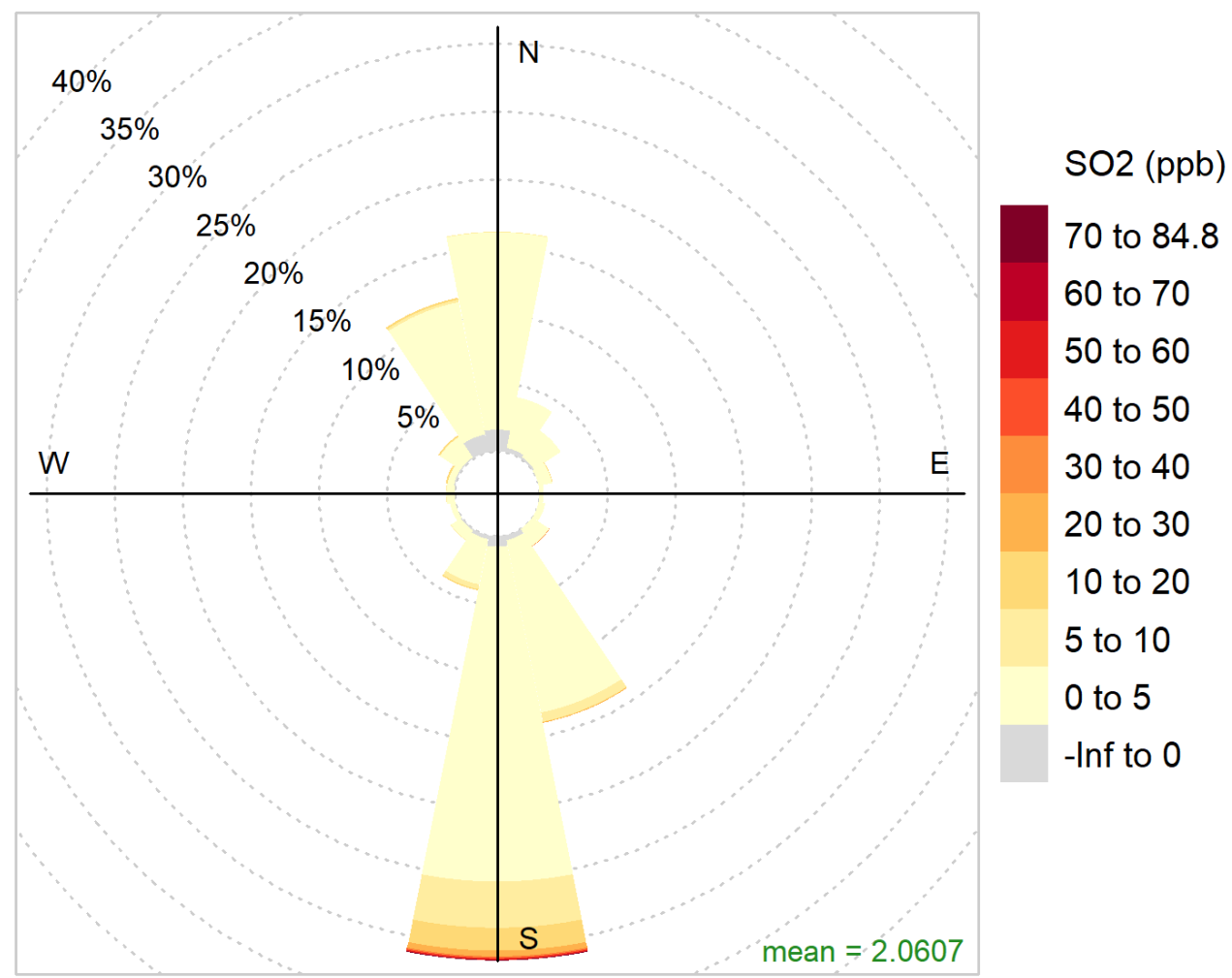
Parameter	Conversion	Unit	Notes
SO2	1 : 2.62	ppb : ug/m3	
Wind spd			
Temp			
Humidity			

Windrose
Kitimat Industrial Ave - 2025 Q3



calms = 0.00%

SO2 pollution rose
Kitimat Industrial Ave - 2025 Q3





Ministry of
Environment
and Parks

Automated Data Summary for

Kitimat Riverlodge 2025 Q3

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

Generated:
21 November 2025

Note

This report is generated automatically and contains unverified data.

Kitimat Riverlodge

2025 Q3

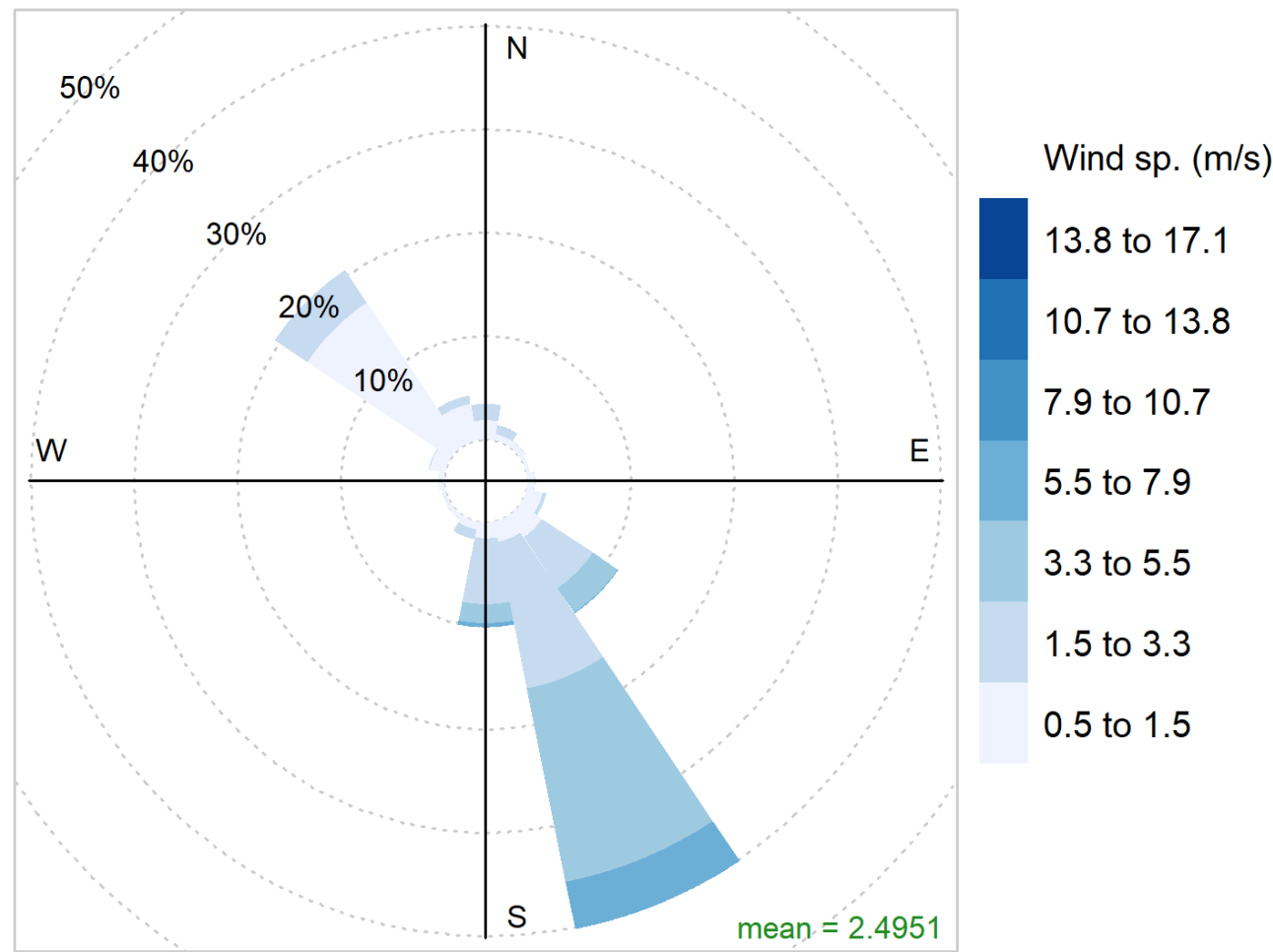
Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
AQHI		1 H					1	3	2025-08-24 22:00:00 2025-09-05 07:00:00 2025-09-05 14:00:00 2025-09-05 15:00:00 2025-09-06 14:00:00 2025-09-06 16:00:00	30.4	N
NO2	ppb	1 H	60	0	0.9	0.0	0	11.4	2025-08-27 18:00:00	95.0	Y
SO2	ppb	1 H	70	0	0.7	0.0	0	34.5	2025-09-05 15:00:00	91.7	Y
O3	ppb	1 H	82	0	14.3	0.0	0.7	37.1	2025-09-20 14:00:00	95.0	Y
HF	ppb	1 H	63	0	0.2	0.0	-1.2	0.4	2025-07-21 23:00:00 2025-09-01 19:00:00 2025-09-01 20:00:00	95.0	Y
	ppb	24 H			0.2	0.0	0.1	0.3	2025-07-21 2025-07-22 2025-09-04 2025-09-05 2025-09-06	100.0	Y
PM2.5	ug/m3	1 H			3.6	0.0	0	27	2025-09-05 13:00:00	98.8	Y
	ug/m3	24 H	25	0	3.6	0.0	0.6	16.2	2025-09-04	100.0	Y
PM10	ug/m3	1 H			0.6	0.0	0	1	More than 5 occurrences (n = 28)	2.2	N
	ug/m3	24 H	50	0		0.0	NA	NA	NA	0.0	N
Wind spd	m/s	1 H			2.5	0.0	0.26	7.63	2025-08-10 15:00:00	100.0	Y
Temp	°C	1 H			16.1		4.8	29	2025-07-21 13:00:00 2025-07-21 14:00:00	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	

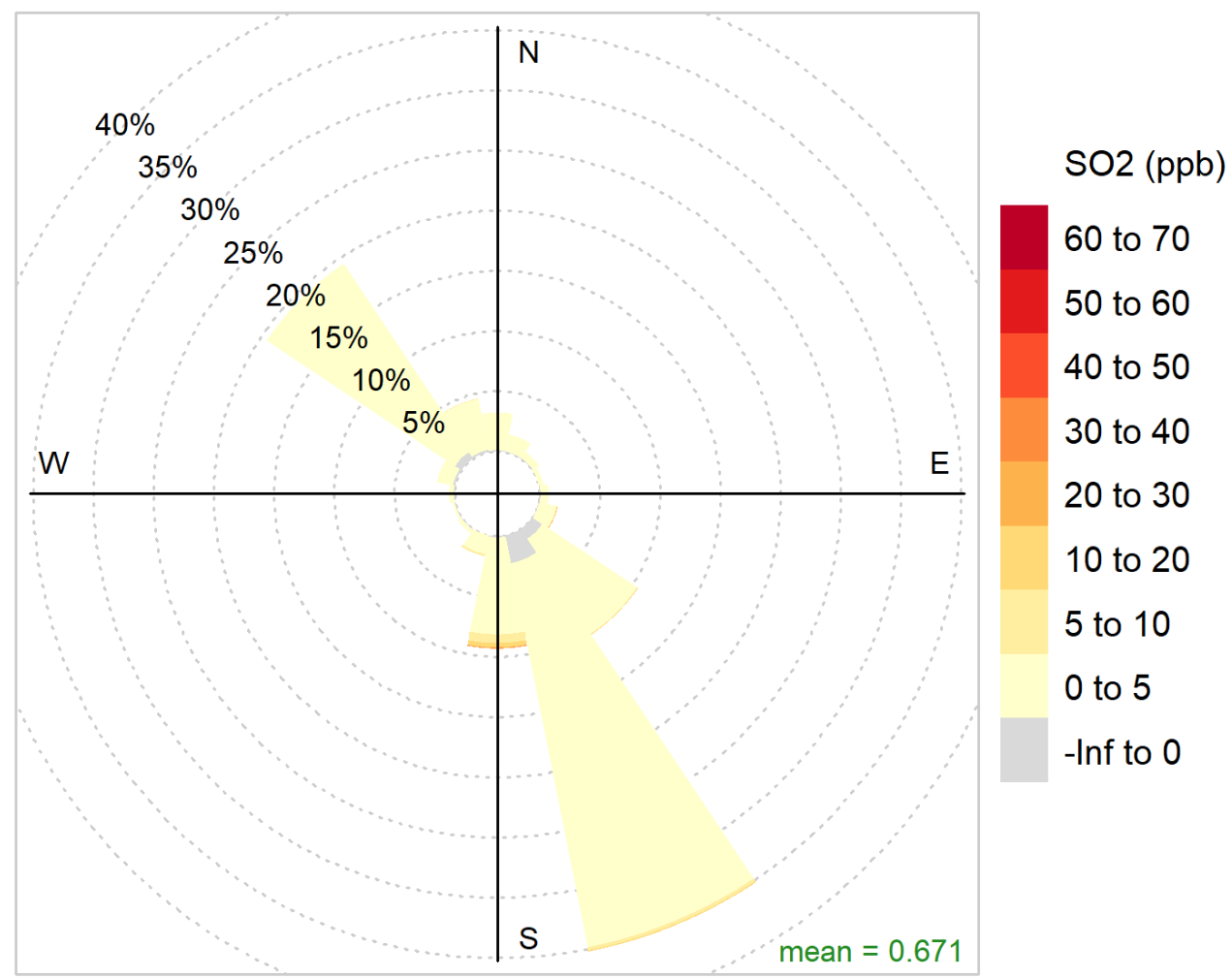
Parameter	Conversion	Unit	Notes
SO2	1 : 2.62	ppb : ug/m3	
O3	1 : 1.96	ppb : ug/m3	
HF	1 : 0.82	ppb : ug/m3	
PM2.5			
PM10			
Wind spd			
Temp			

Windrose
Kitimat Riverlodge - 2025 Q3

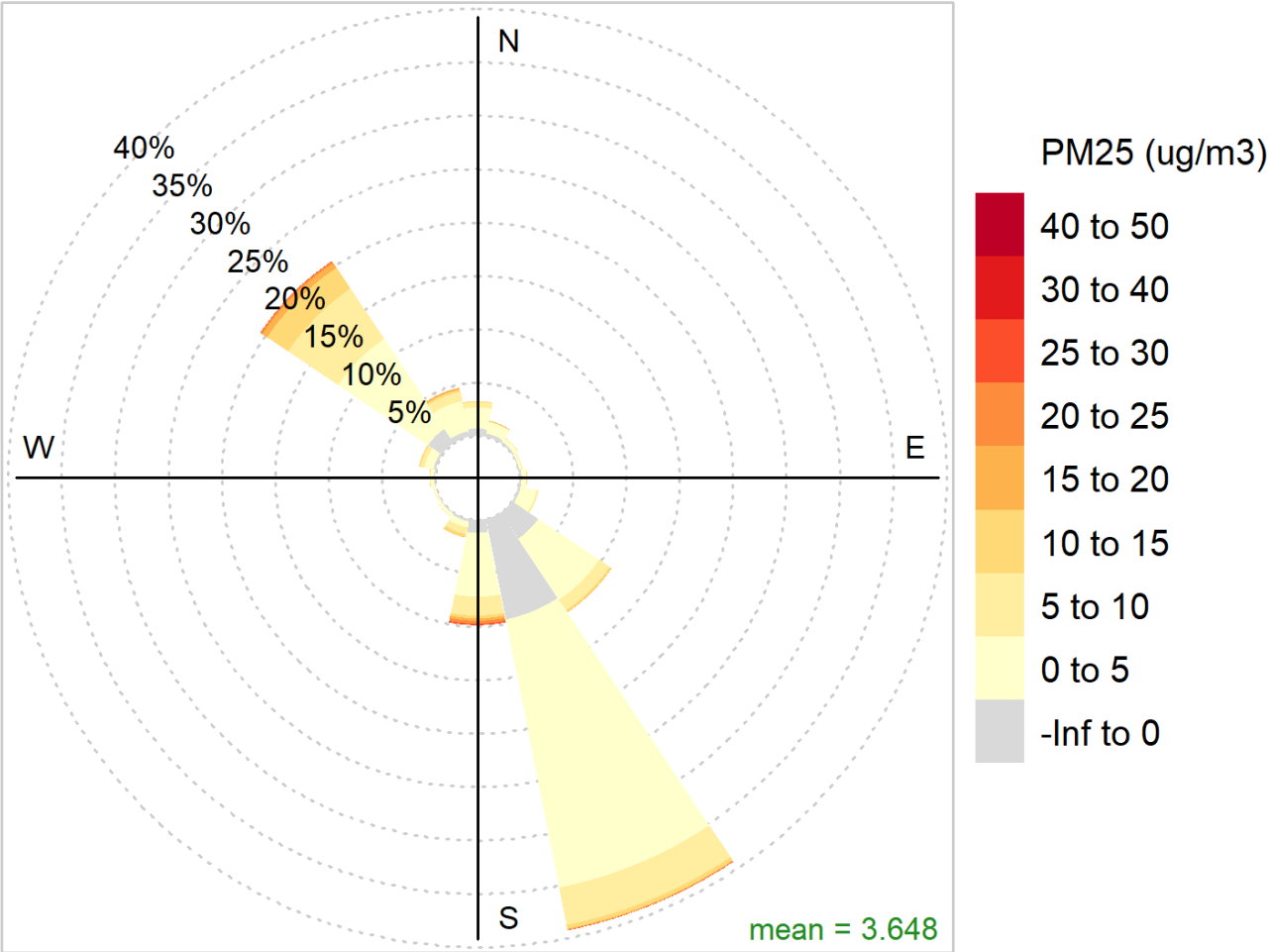


calms = 1.00%

SO2 pollution rose
Kitimat Riverlodge - 2025 Q3



PM2.5 pollution rose
Kitimat Riverlodge - 2025 Q3





Ministry of
Environment
and Parks

Automated Data Summary for

Kitimat Whitesail 2025 Q3

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

Generated:
21 November 2025

Note

This report is generated automatically and contains unverified data.

Kitimat Whitesail

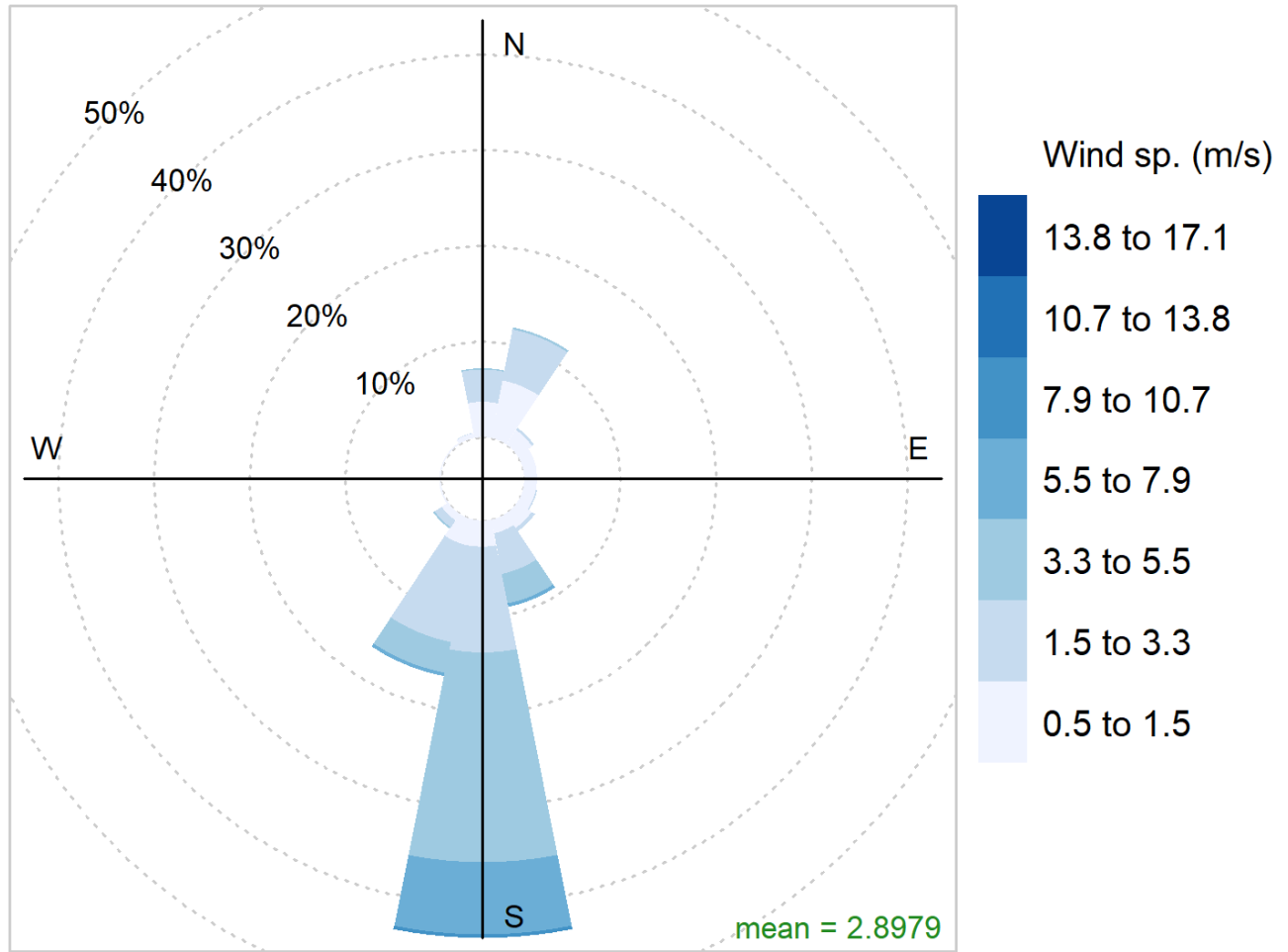
2025 Q3

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 = 8)	53.4	N
NO2	ppb	1 H	60	0	0.6	0.0	0	8.2	2025-09-04 17:00:00	94.8	Y
SO2	ppb	1 H	70	0	0.7	0.0	0	23.1	2025-09-04 17:00:00	94.9	Y
O3	ppb	1 H	82	0	13.4	0.0	0.5	31.4	2025-09-17 06:00:00	94.0	Y
PM2.5	ug/m3	1 H			4.0	0.0	0	29	2025-09-04 16:00:00	98.9	Y
	ug/m3	24 H	25	0	3.9	0.0	0.4	16.2	2025-09-05	100.0	Y
Wind spd	m/s	1 H			2.9	0.0	0.4	8.32	2025-07-23 16:00:00	100.0	Y
Temp	°C	1 H			15.8		4.4	29.1	2025-08-28 15:00:00	100.0	Y
Humidity	% RH	1 H			79.1	0.0	34.3	97.9	2025-07-13 06:00:00 2025-07-13 07:00:00 2025-08-19 04:00:00	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%

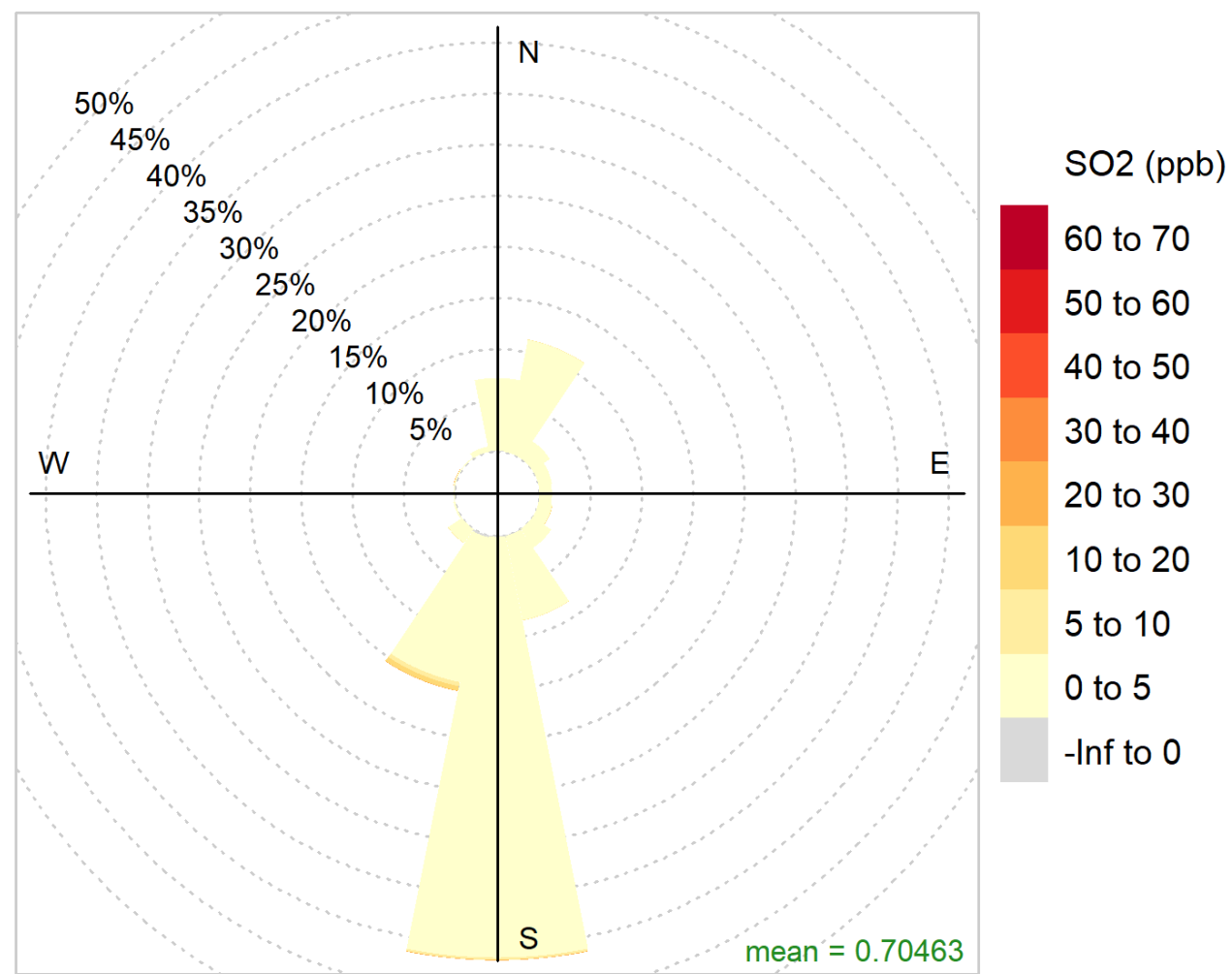
Parameter	Conversion	Unit	Notes
AQHI			
NO2	1 : 1.88	ppb : ug/m3	
SO2	1 : 2.62	ppb : ug/m3	
O3	1 : 1.96	ppb : ug/m3	
PM2.5			
Wind spd			
Temp			
Humidity			

Kitimat Whitesail - 2025 Q3

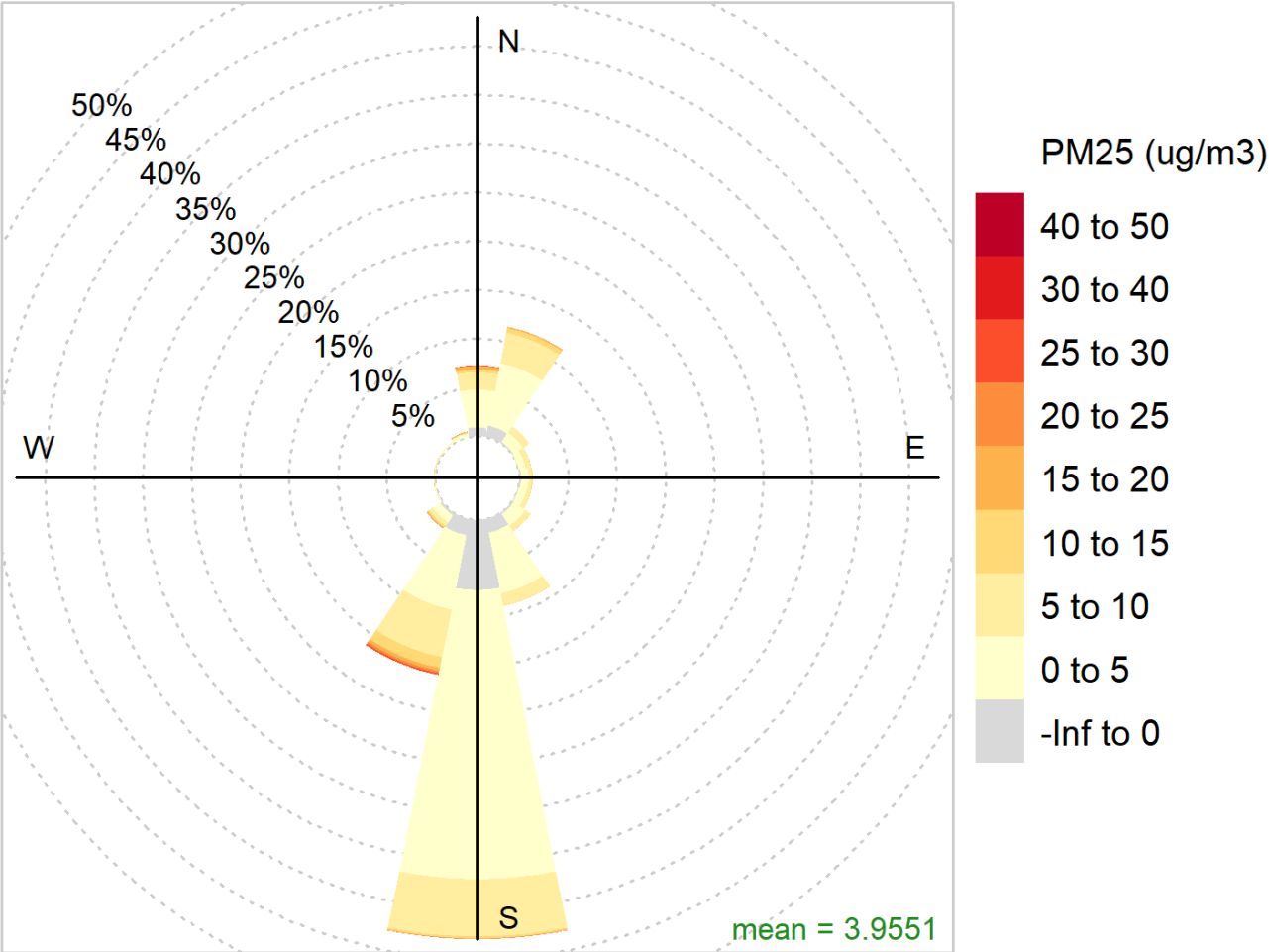


calms = 0.41%

SO2 pollution rose
Kitimat Whitesail - 2025 Q3



PM2.5 pollution rose
Kitimat Whitesail - 2025 Q3





Ministry of
Environment
and Parks

Automated Data Summary for

Kitimat Yacht Club 2025 Q3

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

Generated:
21 November 2025

Note

This report is generated automatically and contains unverified data.

Kitimat Yacht Club

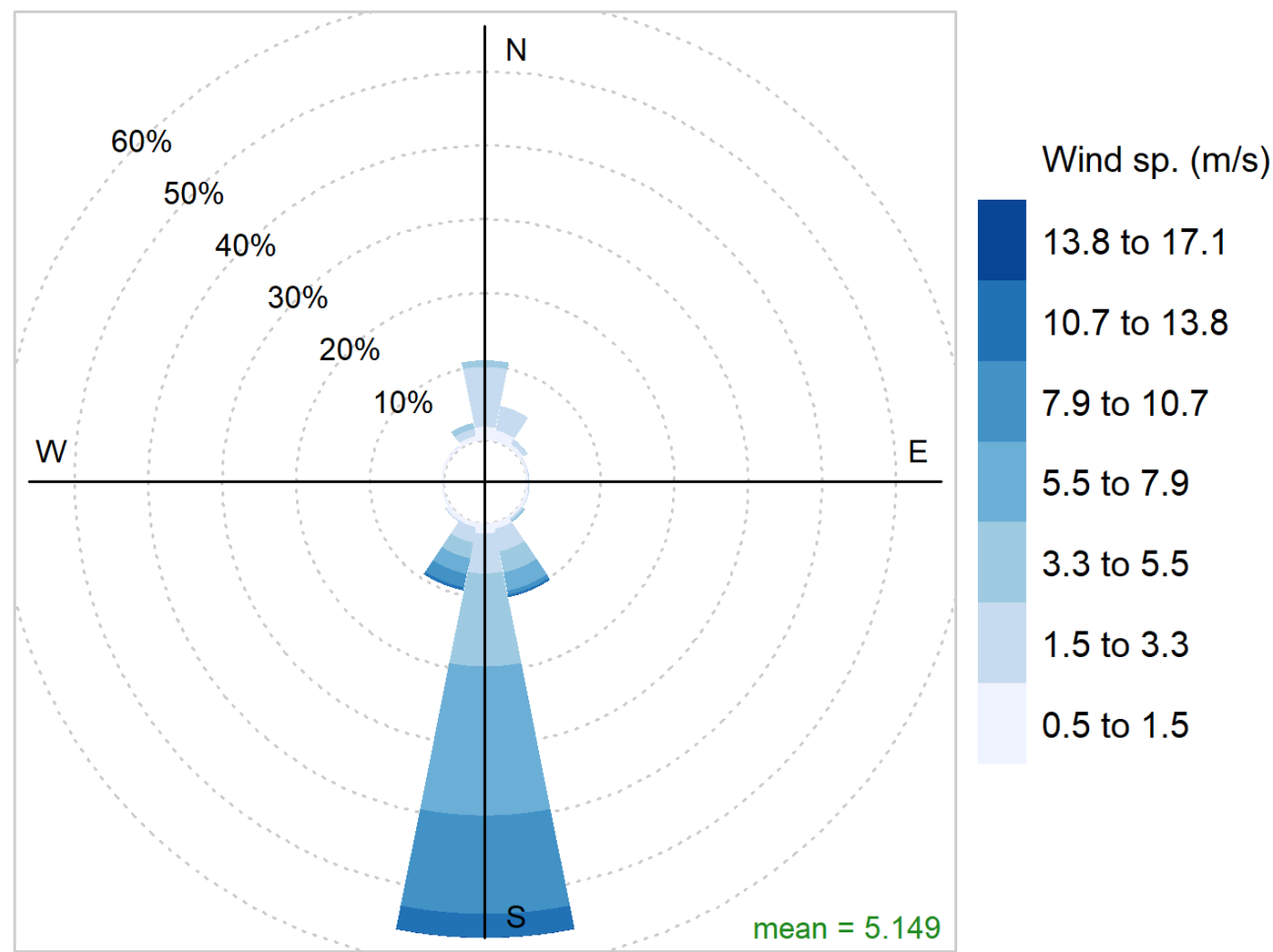
2025 Q3

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
Wind spd	m/s	1 H			5.1	0.0	0.41	13.97	2025-08-30 15:00:00	100.0	Y
Temp	°C	1 H			16.0		6	28	2025-09-01 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 - 2025 Q3



calms = 0.18%



Ministry of
Environment
and Parks

Automated Data Summary for
Terrace Skeena Middle School
2025 Q3

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

Generated:
21 November 2025

Note

This report is generated automatically and contains unverified data.

Terrace Skeena Middle School

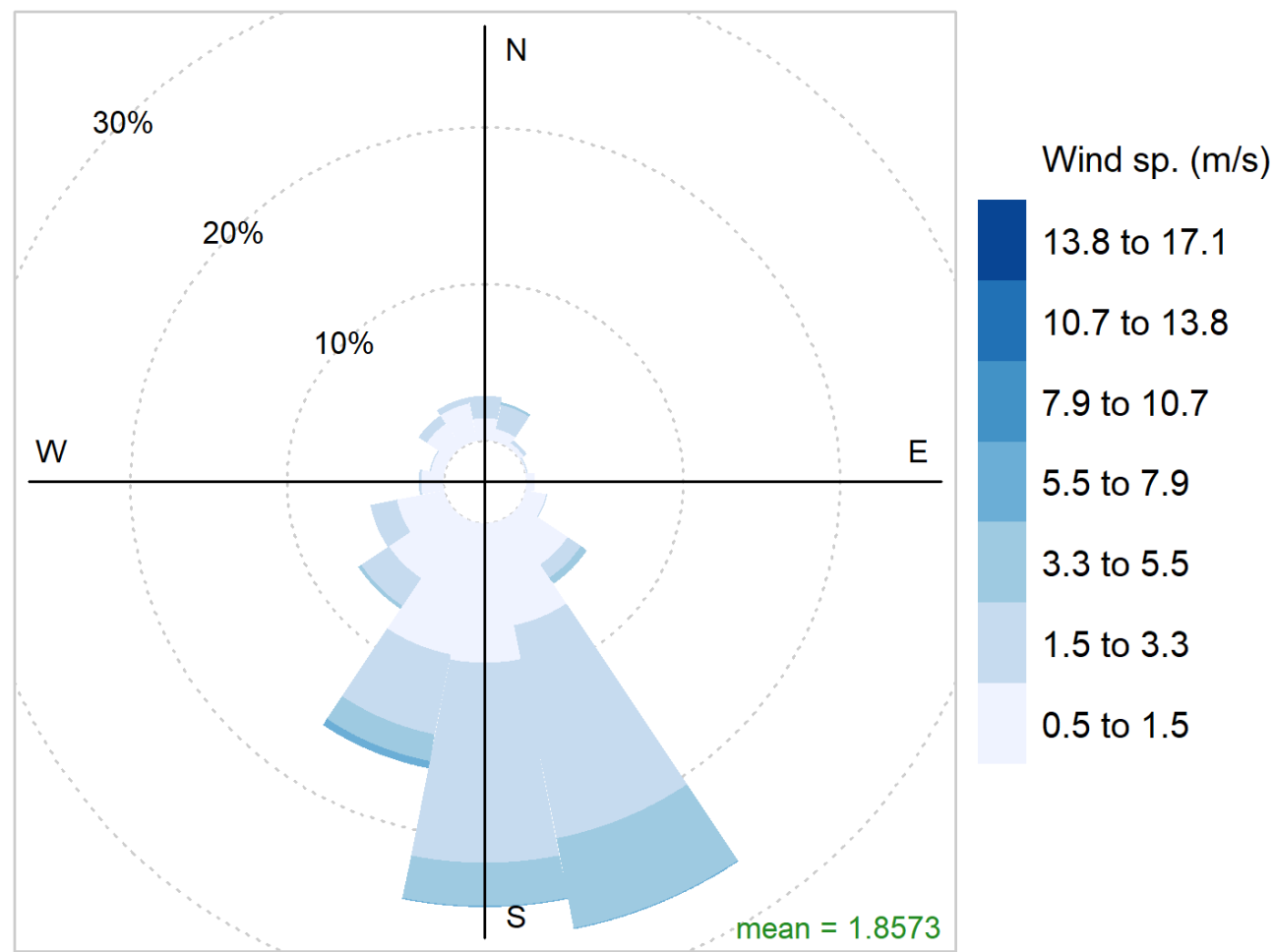
2025 Q3

Parameter	Unit	Avg Prd	Obj	Excd	Qtr Avg	% Neg	Min	Max	Prd of Max	% Comp	Comp
AQHI		1 H					1	7	2025-08-06 06:00:00	93.9	Y
NO2	ppb	1 H	60	0	-0.7	75.0	-1.9	6.9	2025-08-26 08:00:00	95.8	Y
SO2	ppb	1 H	70	0	1.2	0.0	-0.2	7.1	2025-08-01 10:00:00	95.7	Y
O3	ppb	1 H	82	0	15.2	0.0	0.7	38	2025-09-20 14:00:00	95.8	Y
PM2.5	ug/m3	1 H			5.2	0.0	0	66.5	2025-08-06 06:00:00	93.8	Y
	ug/m3	24 H	25	0	5.2	0.0	1.1	19	2025-09-04	93.5	Y
Wind spd	m/s	1 H			1.2	0.0	0	6.76	2025-07-24 14:00:00	93.6	Y
Temp	°C	1 H			17.2		4.1	32.6	2025-07-21 18:00:00	100.0	Y
Humidity	% RH	1 H			70.8	0.0	24.7	98.7	2025-09-06 09:00:00	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%

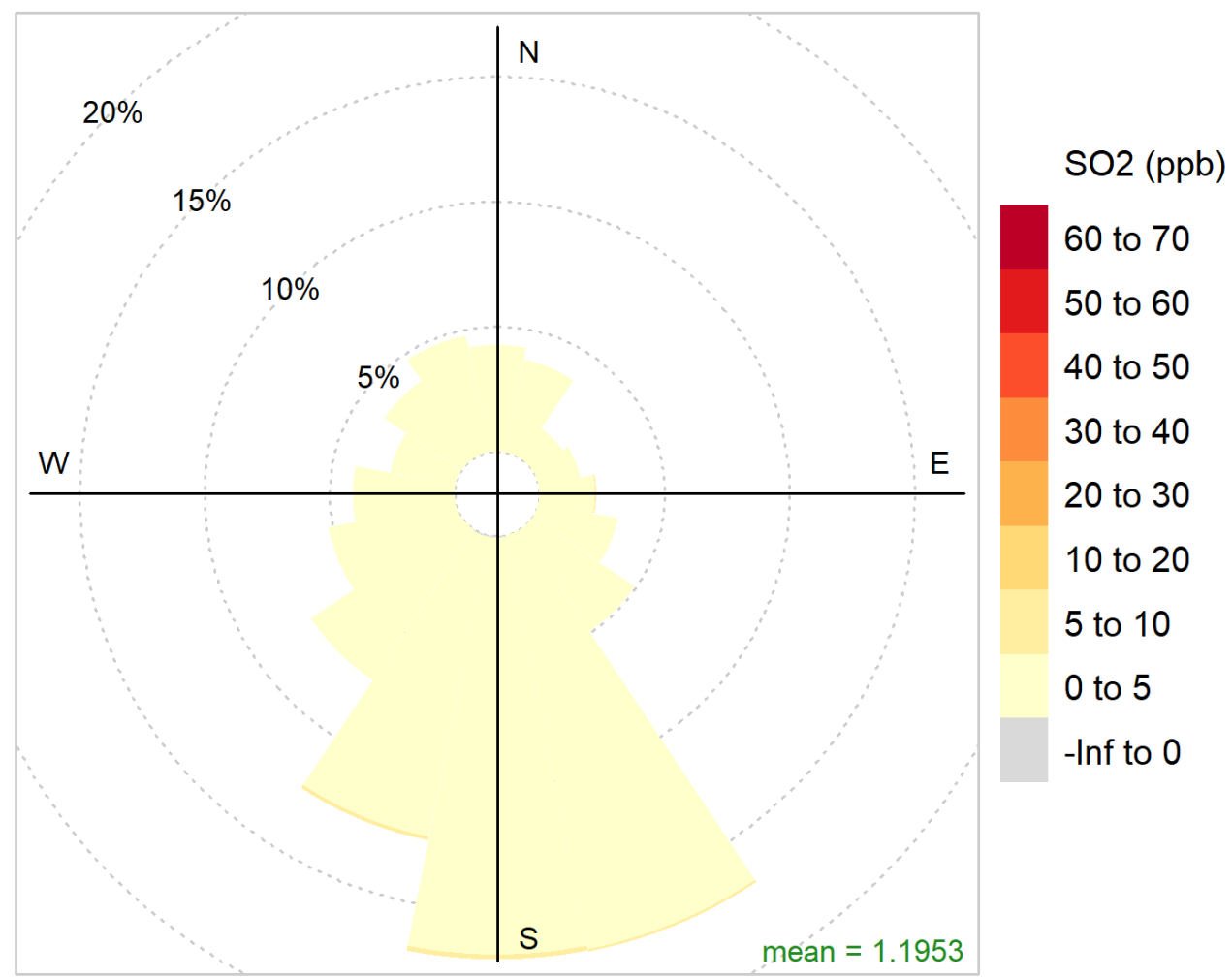
Parameter	Conversion	Unit	Notes
AQHI			
NO2	1 : 1.88	ppb : ug/m3	
SO2	1 : 2.62	ppb : ug/m3	
O3	1 : 1.96	ppb : ug/m3	
PM2.5			
Wind spd			
Temp			
Humidity			

Windrose
Terrace Skeena Middle School - 2025 Q3

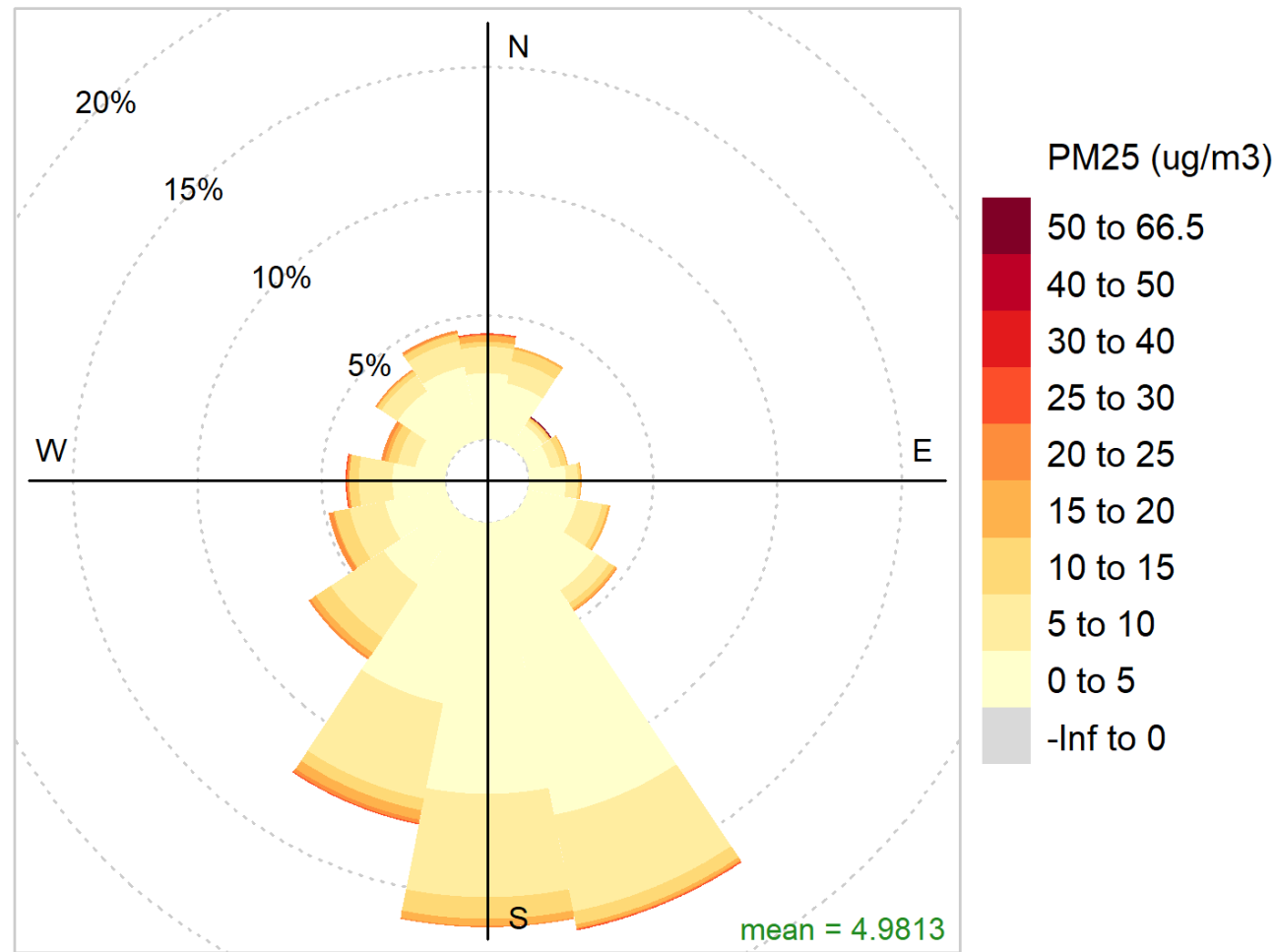


calms = 38.07%

SO2 pollution rose
Terrace Skeena Middle School - 2025 Q3



PM2.5 pollution rose
Terrace Skeena Middle School - 2025 Q3



Offline Periods and Maintenance Records

Significant Offline Periods						
Station	Start Date	Start Hour	End Date	End Hour	Parameters	Description
Village	2025-08-14	600	2025-08-14	700	PM2.5	Power Outage
Village	2025-08-14	1700	2025-08-14	1800	PM2.5	Power Outage
Haul Road	2025-07-01	2300	2025-07-02	800	SO2	Flatlined
Haul Road	2025-07-05	800	2025-07-06	1100	SO2	Flatlined
Haul Road	2025-07-07	800	2025-07-07	900	SO2	Flatlined
Haul Road	2025-07-08	800	2025-07-08	1000	SO2	Flatlined
Haul Road	2025-07-09	1100	2025-07-09	1100	SO2	Flatlined
Haul Road	2025-07-10	1300	2025-07-10	1400	SO2	Flatlined
Haul Road	2025-07-11	1200	2025-07-11	1300	SO2	Flatlined
Haul Road	2025-07-12	1300	2025-07-12	1500	SO2	Flatlined
Haul Road	2025-07-13	800	2025-07-13	1100	SO2	Flatlined
Haul Road	2025-07-14	900	2025-07-14	1000	SO2	Flatlined
Haul Road	2025-07-15	1300	2025-07-15	1500	SO2	Flatlined
Industrial	2025-07-01	900	2025-07-01	1300	SO2	Flatlined
Industrial	2025-07-02	800	2025-07-02	900	SO2	Flatlined
Industrial	2025-07-03	1500	2025-07-04	900	SO2	Flatlined
Industrial	2025-07-05	1100	2025-07-06	1100	SO2	Flatlined
Industrial	2025-07-07	900	2025-07-07	900	SO2	Flatlined
Industrial	2025-07-09	1400	2025-07-09	1500	SO2	Flatlined
Industrial	2025-07-10	800	2025-07-10	900	SO2	Flatlined
Industrial	2025-07-11	1000	2025-07-11	1400	SO2	Flatlined
Industrial	2025-07-12	1200	2025-07-12	1200	SO2	Flatlined
Industrial	2025-07-13	1000	2025-07-13	1100	SO2	Flatlined

Industrial	2025-07-14	1100	2025-07-14	1200	SO2	Flatlined
Industrial	2025-07-14	1400	2025-07-14	1400	SO2	Power Outage
Industrial	2025-07-15	900	2025-07-15	1000	SO2	Flatlined
Industrial	2025-08-05	1300	2025-08-05	1300	SO2	Power Outage
Industrial	2025-08-25	1300	2025-08-25	1300	SO2	Power Outage
Riverlodge	2025-07-01	1600	2025-07-03	700	SO2	Flatlined
Riverlodge	2025-07-03	100	2025-07-03	700	THC	Flatlined
Riverlodge	2025-07-04	0	2025-07-04	900	THC	Flatlined
Riverlodge	2025-07-04	900	2025-07-04	1100	SO2	Flatlined
Riverlodge	2025-07-05	1500	2025-07-06	1100	SO2	Flatlined
Riverlodge	2025-07-06	1500	2025-07-06	1900	SO2	Flatlined
Riverlodge	2025-07-07	1200	2025-07-07	1400	SO2	Flatlined
Riverlodge	2025-07-08	1100	2025-07-08	1100	SO2	Flatlined
Riverlodge	2025-07-09	800	2025-07-09	900	SO2	Flatlined
Riverlodge	2025-07-10	1100	2025-07-10	1100	SO2	Flatlined
Riverlodge	2025-07-11	1100	2025-07-11	1400	SO2	Flatlined
Riverlodge	2025-07-12	1400	2025-07-12	1500	SO2	Flatlined
Riverlodge	2025-07-13	1100	2025-07-13	1700	SO2	Flatlined
Riverlodge	2025-07-14	800	2025-07-14	1000	SO2	Flatlined
Riverlodge	2025-07-15	1200	2025-07-15	1200	SO2	Flatlined
Riverlodge	2025-07-16	400	2025-07-16	500	THC	Flatined
Riverlodge	2025-07-16	900	2025-07-16	1000	PM10/PM2.5	Power Outage
Riverlodge	2025-07-16	1300	2025-07-16	1400	SO2	Flatlined
Riverlodge	2025-07-16	1500	2025-07-16	1500	HF	Spike
Riverlodge	2025-07-17	900	2025-07-17	1000	PM10/PM2.5	Power Outage
Riverlodge	2025-07-18	1900	2025-07-19	800	THC	Flatined
Riverlodge	2025-07-23	0	2025-07-23	500	THC	Flatined
Riverlodge	2025-08-07	1200	2025-08-07	1300	THC	Flatined
Riverlodge	2025-08-10	1700	2025-08-10	1700	THC	Flatined

Riverlodge	2025-08-14	1700	2025-08-14	1800	THC	Flatined
Riverlodge	2025-08-29	700	2025-08-29	800	THC	Flatined
Riverlodge	2025-08-31	800	2025-08-31	1300	THC	Flatined
Riverlodge	2025-09-27	1200	2025-09-27	1300	PM10	Power Issue
Riverlodge	2025-09-04	1700	2025-09-05	800	THC	Flatined
Riverlodge	2025-09-06	1000	2025-09-06	1500	THC	Flatined
Riverlodge	2025-09-08	1600	2025-09-09	500	THC	Flatined
Riverlodge	2025-09-10	200	2025-09-10	700	THC	Flatined
Riverlodge	2025-09-10	1700	2025-09-10	1900	THC	Flatined
Whitesail	2025-07-16	900	2025-07-16	1000	PM2.5	Power Outage
Whitesail	2025-07-17	900	2025-07-17	1000	PM2.5	Power Outage
Whitesail	2025-07-12	1100	2025-07-12	1200	O3	Lamp Instability
Whitesail	2025-07-12	2000	2025-07-12	2200	O3	Lamp Instability
Whitesail	2025-07-13	1300	2025-07-13	1600	O3	Lamp Instability
Whitesail	2025-07-13	1800	2025-07-13	2100	O3	Lamp Instability
Whitesail	2025-07-15	100	2025-07-15	300	O3	Lamp Instability
Whitesail	2025-07-16	900	2025-07-16	900	O3	Lamp Instability
Whitesail	2025-07-17	900	2025-07-17	1000	O3	Lamp Instability
Whitesail	2025-08-11	1700	2025-08-11	1800	PM2.5	Power Outage
Maintenance						
Station	Start Date	Start Hour	End Date	End Hour	Parameters	Description
Village	2025-07-10	1200	2025-07-10	1200	O3/NOx/SO2	Filter Change
Village	2025-07-21	1200	2025-07-21	1300	PM2.5	Tape Replaced; Leak Check with no adjustment
Village	2025-07-29	1500	2025-07-29	1700	O3/NOx/SO2	MOE Audit
Village	2025-07-29	1600	2025-07-29	1800	PM2.5	MOE Audit
Village	2025-07-30	1700	2025-07-30	1800	PM2.5	Monthly Flow Rate Verification and Maintenance

Village	2025-08-19	800	2025-08-19	800	O3/NOx/SO2	Filter Change
Village	2025-08-22	900	2025-08-22	1100	PM2.5	Monthly Flow Rate Verification and Maintenance
Village	2025-09-09	1300	2025-09-09	1300	O3/NOx/SO2	Filter Change
Village	2025-09-24	1200	2025-09-24	1500	O3/NOx/SO2	SO2/NOx/O3 As Found MP Verification
Village	2025-09-25	1000	2025-09-25	1100	PM2.5	Monthly Flow Rate Verification and Maintenance
Haul Road	2025-07-08	1000	2025-07-08	1000	SO2/HF	Filter Change
Haul Road	2025-07-30	800	2025-07-30	900	SO2/HF	MOE Audit
Haul Road	2025-07-30	800	2025-07-30	1000	PM2.5	MOE Audit
Haul Road	2025-07-30	1500	2025-07-30	1600	SO2/HF	SO2 MP After Maintenance (Gas Cylinder Replaced)
Haul Road	2025-07-30	1400	2025-07-30	1500	PM2.5	Monthly Flow Rate Verification and Maintenance
Haul Road	2025-08-27	1300	2025-08-27	1400	PM2.5	Monthly Flow Rate Verification and Maintenance
Haul Road	2025-09-18	900	2025-09-18	1200	SO2/HF	HF As Found MP Verification; Zero Air Maintenance; SO2 Cal Gas Replacement; HF O2 Cylinder Replacement
Haul Road	2025-09-18	1700	2025-09-18	1800	SO2/HF	SO2 MP After Maintenance (Gas Cylinder Replaced)
Haul Road	2025-09-23	1200	2025-09-23	1300	PM2.5	Monthly Flow Rate Verification and Maintenance
Industrial	2025-07-09	1100	2025-07-09	1100	SO2	Envidas Configuration Maintenance
Industrial	2025-07-29	1300	2025-07-29	1400	SO2	MOE Audit
Industrial	2025-08-11	1000	2025-08-11	1200	SO2	SO2 Calibration
Industrial	2025-09-04	800	2025-09-04	1000	SO2	Inlet Tubing Replacement
Industrial	2025-09-09	700	2025-09-09	700	SO2	SO2 As Found MP Verification
Industrial	2025-09-09	1000	2025-09-09	1100	SO2	SO2 Cal Gas Cylinder Replacement; SO2 MP After Maintenance
Industrial	2025-09-17	800	2025-09-17	900	SO2	SO2 As Found MP Verification
Industrial	2025-09-17	1200	2025-09-17	1300	SO2	Zero Air Maintenance
Riverlodge	2025-07-08	900	2025-07-08	900	SO2/NOx/O3/HF/THC	Filters Changed
Riverlodge	2025-07-10	1200	2025-07-10	1600	SO2/NOx/O3/HF/THC	SO2 Firmware Update; THC As Found MP
Riverlodge	2025-07-16	1500	2025-07-16	1500	HF	Spike

Riverlodge	2025-07-21	1800	2025-07-21	1900	PM2.5	Tape Replaced; Leak Check with no adjustment
Riverlodge	2025-07-29	1000	2025-07-29	1200	SO2/NOx/O3/HF/THC	MOE Audit
Riverlodge	2025-07-29	1100	2025-07-29	1200	PM2.5	MOE Audit
Riverlodge	2025-07-30	1000	2025-07-30	1000	THC	Nitrogen Tank Replaced
Riverlodge	2025-07-30	1100	2025-07-30	1300	PM2.5	Monthly Flow Rate Verification and Maintenance
Riverlodge	2025-08-14	1300	2025-08-14	1400	SO2/NOx/O3/HF/THC	Filters Changed
Riverlodge	2025-08-19	1600	2025-08-19	1700	PM10	Tape Replaced
Riverlodge	2025-08-27	1600	2025-08-27	1800	PM10/PM2.5	Monthly Flow Rate Verification and Maintenance
Riverlodge	2025-09-04	1300	2025-09-04	1400	PM10	Clock Adjustment
Riverlodge	2025-09-12	1600	2025-09-12	1600	THC	THC Troubleshooting
Riverlodge	2025-09-12	1700	2025-09-12	1800	PM2.5	Clock Adjustment
Riverlodge	2025-09-19	1000	2025-09-19	1000	SO2/NOx/O3/HF/THC	HF MP Verification
Riverlodge	2025-09-23	1400	2025-09-23	1600	PM10/PM2.5	Monthly Flow Rate Verification and Maintenance
Riverlodge	2025-09-24	1200	2025-09-24	1500	SO2/NOx/O3/HF/THC	NOX/THC/O3/SO2 As Found MP Verification
Whitesail	2025-07-10	1600	2025-07-10	1600	SO2/NOx/O3	Filter Change
Whitesail	2025-07-21	1600	2025-07-21	1700	PM2.5	Tape Replaced; Leak Check with no adjustment
Whitesail	2025-07-29	700	2025-07-29	1000	SO2/NOx/O3	MOE Audit
Whitesail	2025-07-29	900	2025-07-29	1000	PM2.5	MOE Audit
Whitesail	2025-07-30	1600	2025-07-30	1700	PM2.5	Monthly Flow Rate Verification and Maintenance
Whitesail	2025-08-11	1000	2025-08-11	1100	SO2/NOx/O3	NOx As Found MP
Whitesail	2025-08-14	1500	2025-08-14	1600	SO2/NOx/O3	Filter Change
Whitesail	2025-08-22	1400	2025-08-22	1600	PM2.5	Monthly Flow Rate Verification and Maintenance
Whitesail	2025-09-12	900	2025-09-12	1100	SO2/NOx/O3	NOx/SO2/O3 As Found MPs
Whitesail	2025-09-12	900	2025-09-12	1100	PM2.5	Monthly Flow Rate Verification and Maintenance
Whitesail	2025-09-12	1500	2025-09-12	1600	SO2/NOx/O3	NOx/SO2 MP After Maintenance
Whitesail	2025-09-12	1800	2025-09-12	1800	SO2/NOx/O3	O3 MP After Maintenance
Whitesail	2025-09-16	1200	2025-09-16	1300	SO2/NOx/O3	NOx As Found MP

Summary of Industrial Events and Community Notifications

Period: 2025-07-01 – 2025-09-30

LNG Canada Community Flaring Notifications

Number of flaring notifications during period: 11

Planned flaring events: 8

Unplanned flaring events: 3

Rio Tinto Bypass and Upset Notifications

Number of bypass/upset notifications during period: 7

Planned events: 3

Unplanned events: 4