

# Appendix E

## **Meteorological Data**



46.973N 123.931 UA\_ID: 72797 SF\_ID: 94225

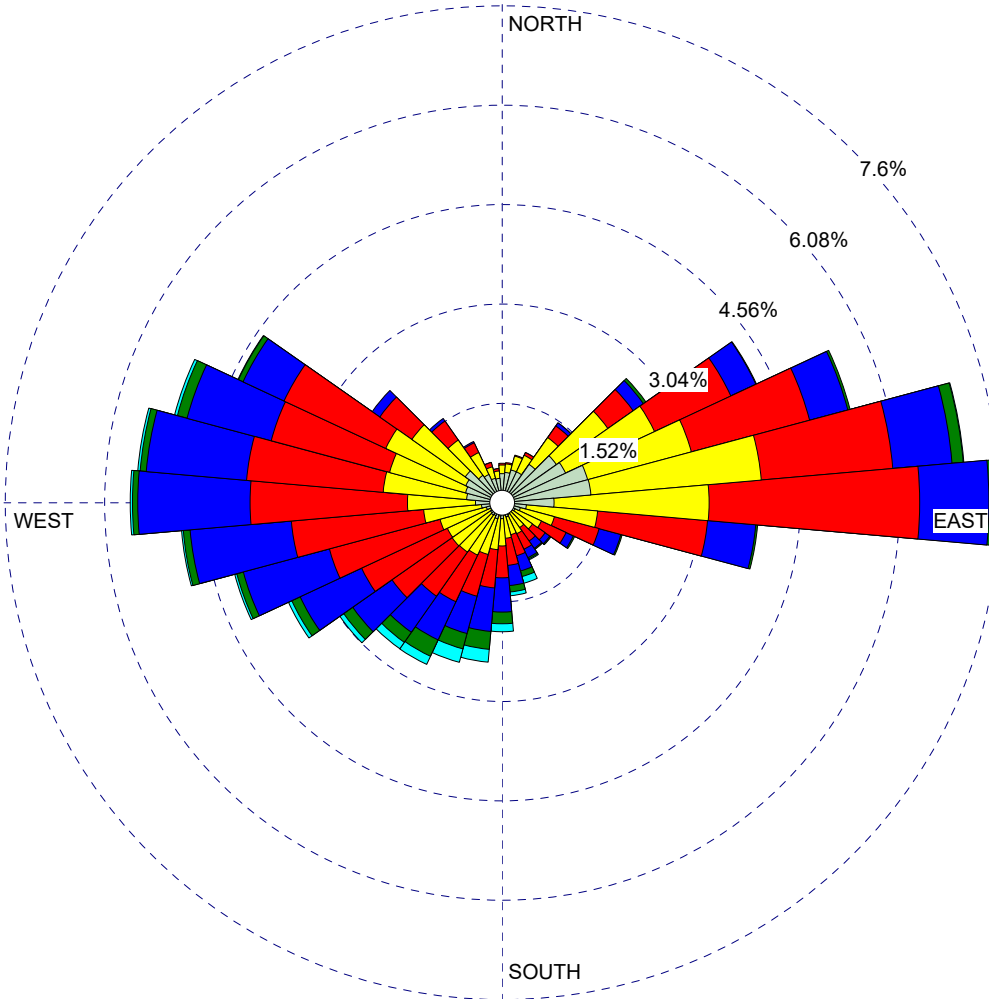
Year	Quarter	Total Hours	Calm Hours	% Calm	Missing Hours	% Missing
2017	1	2160	4	0.19%	6	0.28%
2017	2	2184	0	0.00%	0	0.00%
2017	3	2208	4	0.18%	13	0.59%
2017	4	2208	28	1.27%	22	1.00%
2017	all	8760	36	0.41%	41	0.47%
2018	1	2160	1	0.05%	7	0.32%
2018	2	2184	2	0.09%	0	0.00%
2018	3	2208	10	0.45%	1	0.05%
2018	4	2208	8	0.36%	0	0.00%
2018	all	8760	21	0.24%	8	0.09%
2019	1	2160	55	2.55%	13	0.60%
2019	2	2184	0	0.00%	13	0.60%
2019	3	2208	20	0.91%	3	0.14%
2019	4	2208	5	0.23%	0	0.00%
2019	all	8760	80	0.91%	29	0.33%
2020	1	2184	3	0.14%	10	0.46%
2020	2	2184	2	0.09%	36	1.65%
2020	3	2208	4	0.18%	1	0.05%
2020	4	2208	15	0.68%	27	1.22%
2020	all	8784	24	0.27%	74	0.84%
2021	1	2160	8	0.37%	46	2.13%
2021	2	2184	25	1.14%	25	1.14%
2021	3	2208	13	0.59%	75	3.40%
2021	4	2208	48	2.17%	19	0.86%
2021	all	8760	94	1.07%	165	1.88%

WIND ROSE PLOT:

**Bowerman Airport Windrose  
Calendar Years 2018-2022**

DISPLAY:

**Wind Speed  
Direction (blowing from)**



**WIND SPEED  
(Knots)**

- >= 21.58
- 17.11 - 21.58
- 11.08 - 17.11
- 7.00 - 11.08
- 4.08 - 7.00
- 0.97 - 4.08
- Calms: 0.91%

COMMENTS:

DATA PERIOD:

**Start Date: 1/1/2018 - 00:00  
End Date: 12/31/2022 - 23:59**

COMPANY NAME:

MODELER:

CALM WINDS:

**0.91%**

TOTAL COUNT:

**43786 hrs.**

AVG. WIND SPEED:

**8.18 Knots**

DATE:

**6/15/2023**

PROJECT NO.: