

**BANQUREAU BANKS BUOY 44139, NL, Canada****Annual Climatic Design Data (1990–2015)**

| Latitude | Longitude | Elevation ft | Standard Station<br>Pressure psi | Winter<br>Temperature °F | Summer<br>Temperature °F | Extreme Wind<br>Speed mph | Extreme Wind<br>Direction |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 44.240N  | 57.100W   | 10           | 14.69                            | 13.2                     | 71.0                     | 38.7                      | W                         |

**Monthly Winds (1990–2015)**

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 0   | 0   | 1   | 2   | 1   | 1   | 1   | 0   | 0   | 0   | 0   | 2   |

**Prevailing Wind #1**

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | WNW  | WNW  | WNW  | W    | SW   | SW   | SW   | WSW  | WSW  | W    | W    | WNW  |
| %OCC    | 18   | 17   | 13   | 10   | 10   | 11   | 16   | 13   | 12   | 11   | 11   | 13   |
| AVG mph | 22.3 | 20.9 | 19.3 | 14.6 | 13.2 | 10.9 | 12.9 | 12.5 | 13.2 | 16.6 | 17.7 | 20.4 |
| MED mph | 22.1 | 20.7 | 18.8 | 14.8 | 12.6 | 10.6 | 12.5 | 12.2 | 12.4 | 15.3 | 17.0 | 19.8 |

**Prevailing Wind #2**

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | W    | W    | NW   | WNW  | WSW  | WSW  | SSW  | SW   | W    | WNW  | WNW  | W    |
| %OCC    | 15   | 15   | 12   | 10   | 9    | 10   | 13   | 12   | 10   | 10   | 11   | 12   |
| AVG mph | 23.2 | 21.1 | 19.1 | 13.9 | 12.8 | 10.8 | 12.6 | 11.2 | 13.2 | 16.8 | 19.0 | 20.8 |
| MED mph | 23.3 | 20.8 | 19.1 | 12.7 | 11.8 | 9.7  | 12.4 | 10.4 | 12.4 | 15.6 | 18.3 | 20.4 |

**Prevailing Wind #3**

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | NW   | NW   | W    | NW   | SSW  | SSW  | WSW  | SSW  | SW   | WSW  | NW   | NW   |
| %OCC    | 13   | 13   | 11   | 7    | 9    | 9    | 12   | 10   | 9    | 9    | 9    | 11   |
| AVG mph | 20.6 | 20.5 | 18.7 | 12.6 | 11.8 | 11.0 | 11.6 | 11.5 | 12.9 | 14.5 | 18.1 | 20.4 |
| MED mph | 20.8 | 20.1 | 18.0 | 10.5 | 10.9 | 9.9  | 11.2 | 11.3 | 11.5 | 12.6 | 17.6 | 20.2 |

**Prevailing Wind #4**

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | WSW  | WSW  | WSW  | WSW  | W    | W    | S    | W    | SSW  | NNW  | WSW  | WSW  |
| %OCC    | 9    | 9    | 7    | 7    | 8    | 7    | 10   | 9    | 8    | 8    | 8    | 8    |
| AVG mph | 19.9 | 21.8 | 17.6 | 13.2 | 12.3 | 11.0 | 11.6 | 11.9 | 13.0 | 16.3 | 17.8 | 20.3 |
| MED mph | 19.4 | 21.2 | 17.6 | 11.6 | 10.8 | 10.4 | 11.5 | 11.0 | 12.0 | 14.5 | 16.7 | 20.1 |