

# HOKITIKA, New Zealand

## Annual Climatic Design Data (1994–2019)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 42.7131S | 170.9844E | 132          | 14.63                            | 32.6                     | 71.1                     | 23.1                      | NNE                       |

## Monthly Winds (1994–2019)

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

### Prevailing Wind #1

|         |      |      |     |     |     |     |     |     |     |      |      |      |
|---------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| DIR     | WSW  | WSW  | E   | E   | E   | E   | E   | E   | E   | WSW  | WSW  | WSW  |
| %OCC    | 16   | 14   | 13  | 15  | 17  | 20  | 19  | 16  | 13  | 15   | 17   | 15   |
| AVG mph | 11.0 | 10.7 | 5.8 | 6.4 | 6.7 | 7.0 | 7.1 | 7.2 | 6.7 | 12.2 | 11.6 | 11.3 |
| MED mph | 10.9 | 10.6 | 5.2 | 5.6 | 6.2 | 6.6 | 6.6 | 6.7 | 6.0 | 11.7 | 11.4 | 11.1 |

### Prevailing Wind #2

|         |     |     |      |     |     |     |     |     |     |     |      |     |
|---------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|-----|
| DIR     | W   | E   | WSW  | SE  | SE  | SE  | SE  | SE  | ENE | E   | W    | W   |
| %OCC    | 11  | 11  | 11   | 12  | 13  | 16  | 16  | 13  | 9   | 11  | 12   | 10  |
| AVG mph | 9.2 | 5.5 | 10.3 | 5.0 | 4.8 | 5.2 | 5.3 | 4.9 | 6.9 | 6.6 | 10.5 | 9.6 |
| MED mph | 9.0 | 5.0 | 9.6  | 4.7 | 4.7 | 5.0 | 5.0 | 4.7 | 6.4 | 5.9 | 10.0 | 9.5 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |      |      |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|
| DIR     | E   | W   | ENE | ENE | ENE | ENE | ENE | ENE | WSW  | W    | E   | E   |
| %OCC    | 9   | 9   | 10  | 10  | 12  | 12  | 12  | 11  | 8    | 9    | 9   | 8   |
| AVG mph | 5.4 | 8.8 | 5.9 | 6.6 | 7.0 | 7.6 | 7.2 | 7.3 | 10.9 | 10.5 | 5.5 | 5.5 |
| MED mph | 4.8 | 8.6 | 5.3 | 5.9 | 6.4 | 7.1 | 6.7 | 6.7 | 10.4 | 9.9  | 4.9 | 5.0 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ENE | ENE | SE  | SSE | SSE | SSE | SSE | SSE | SE  | ENE | ENE | ENE |
| %OCC    | 8   | 8   | 9   | 8   | 11  | 11  | 11  | 10  | 8   | 8   | 8   | 8   |
| AVG mph | 5.5 | 5.8 | 4.7 | 5.1 | 5.2 | 5.4 | 5.8 | 5.4 | 4.9 | 6.6 | 5.9 | 6.1 |
| MED mph | 4.9 | 5.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.4 | 5.1 | 4.7 | 5.7 | 5.2 | 5.3 |