

# WELLINGTON, 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 41.3311S | 174.8060E | 23           | 14.68                            | 35.7                     | 75.1                     | 36.1                      | SSW                       |

## Monthly Winds (1994–2019)

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

### Prevailing Wind #1

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | N    | N    | N    | N    | N    | NNE  | NNE  | N    | N    | N    | N    | N    |
| %OCC    | 30   | 28   | 26   | 24   | 24   | 22   | 21   | 23   | 29   | 31   | 28   | 31   |
| AVG mph | 20.0 | 18.5 | 17.8 | 16.8 | 16.1 | 11.9 | 11.8 | 15.3 | 18.0 | 19.0 | 20.1 | 19.4 |
| MED mph | 20.5 | 19.1 | 18.3 | 17.4 | 16.7 | 11.6 | 11.4 | 15.6 | 18.4 | 19.5 | 20.7 | 19.9 |

### Prevailing Wind #2

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | NNE  | NNE  | NNE  | NNE  | NNE  | N    | N    | NNE  | NNE  | NNE  | NNW  | NNE  |
| %OCC    | 17   | 18   | 17   | 20   | 22   | 20   | 20   | 19   | 17   | 17   | 17   | 15   |
| AVG mph | 15.6 | 14.6 | 13.2 | 12.6 | 12.3 | 14.9 | 15.2 | 11.6 | 12.9 | 14.2 | 20.5 | 15.0 |
| MED mph | 15.6 | 14.8 | 13.0 | 12.3 | 12.1 | 15.1 | 15.1 | 11.1 | 12.5 | 13.8 | 20.8 | 15.2 |

### Prevailing Wind #3

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | S    | S    | S    | S    | S    | S    | S    | S    | NNW  | NNW  | NNE  | NNW  |
| %OCC    | 12   | 12   | 14   | 13   | 12   | 13   | 13   | 13   | 15   | 15   | 15   | 14   |
| AVG mph | 15.3 | 15.4 | 16.7 | 16.9 | 18.4 | 19.6 | 20.6 | 19.0 | 18.9 | 19.5 | 15.2 | 19.7 |
| MED mph | 14.4 | 14.2 | 15.6 | 16.6 | 18.5 | 19.0 | 20.6 | 19.3 | 19.2 | 19.5 | 15.2 | 20.1 |

### Prevailing Wind #4

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | NNW  | SSE  | SSE  | SSE  | NNW  | NNW  | NNW  | NNW  | S    | S    | S    | S    |
| %OCC    | 10   | 11   | 10   | 11   | 11   | 10   | 10   | 12   | 11   | 12   | 12   | 12   |
| AVG mph | 20.1 | 15.4 | 15.3 | 15.3 | 17.7 | 16.9 | 16.2 | 16.7 | 18.4 | 17.8 | 16.2 | 14.9 |
| MED mph | 20.2 | 15.8 | 15.2 | 15.1 | 17.7 | 17.3 | 16.2 | 16.7 | 18.0 | 17.2 | 15.3 | 14.0 |