

# PUYSEGUR POINT, New Zealand

## Annual Climatic Design Data (1994–2019)

| Latitude | Longitude | Elevation m | Standard Station<br>Pressure kPa | Winter<br>Temperature °C | Summer<br>Temperature °C | Extreme Wind<br>Speed m/s | Extreme Wind<br>Direction |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 46.156S  | 166.613E  | 44          | 100.80                           | 3.4                      | 20.4                     | 22.0                      | NNW                       |

## Monthly Winds (1994–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 1   | 1   | 0   | 1   | 0   | 1   | 5   | 5   | 5   | 5   | 5   | 1   |

### Prevailing Wind #1

|         |      |      |      |     |     |     |     |     |      |      |      |      |
|---------|------|------|------|-----|-----|-----|-----|-----|------|------|------|------|
| DIR     | NNW  | N    | NNW  | N   | N   | NNE | N   | N   | N    | NNW  | NNW  | NNW  |
| %OCC    | 17   | 17   | 15   | 17  | 16  | 14  | 16  | 15  | 17   | 17   | 16   | 17   |
| AVG m/s | 13.5 | 10.6 | 13.3 | 9.9 | 9.4 | 4.8 | 9.1 | 9.0 | 11.1 | 13.8 | 14.0 | 12.8 |
| MED m/s | 13.6 | 10.2 | 13.3 | 9.2 | 9.0 | 4.5 | 8.4 | 8.3 | 10.6 | 13.8 | 14.1 | 13.0 |

### Prevailing Wind #2

|         |      |      |      |      |      |     |     |      |      |      |      |      |
|---------|------|------|------|------|------|-----|-----|------|------|------|------|------|
| DIR     | N    | NNW  | N    | NNW  | NNW  | N   | NNE | NNW  | NNW  | N    | N    | N    |
| %OCC    | 15   | 17   | 15   | 17   | 15   | 13  | 13  | 13   | 15   | 15   | 14   | 15   |
| AVG m/s | 12.0 | 12.9 | 10.3 | 12.8 | 13.5 | 9.0 | 5.3 | 13.0 | 13.6 | 11.1 | 11.8 | 10.9 |
| MED m/s | 11.7 | 13.1 | 9.9  | 12.8 | 13.5 | 8.3 | 5.1 | 13.0 | 13.6 | 10.3 | 11.6 | 10.7 |

### Prevailing Wind #3

|         |      |      |      |     |     |      |     |     |      |      |      |      |
|---------|------|------|------|-----|-----|------|-----|-----|------|------|------|------|
| DIR     | NW   | NW   | NW   | SE  | NNE | NNW  | SE  | NNE | NW   | NW   | NW   | NW   |
| %OCC    | 15   | 12   | 12   | 9   | 11  | 11   | 10  | 12  | 10   | 12   | 13   | 14   |
| AVG m/s | 10.5 | 10.2 | 11.1 | 5.8 | 5.0 | 13.8 | 5.7 | 5.2 | 10.9 | 11.0 | 10.7 | 10.4 |
| MED m/s | 10.6 | 10.4 | 11.1 | 5.8 | 4.9 | 14.1 | 5.5 | 4.8 | 11.0 | 11.0 | 11.0 | 10.6 |

### Prevailing Wind #4

|         |     |     |     |      |     |     |      |     |     |     |     |     |
|---------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|
| DIR     | SSE | SSE | SE  | NW   | SE  | SE  | NNW  | SE  | NNE | SSE | SSE | SSE |
| %OCC    | 12  | 11  | 11  | 9    | 10  | 9   | 9    | 10  | 8   | 8   | 9   | 11  |
| AVG m/s | 6.1 | 5.3 | 5.8 | 10.6 | 5.6 | 5.1 | 13.6 | 5.4 | 5.1 | 5.4 | 5.9 | 5.4 |
| MED m/s | 5.8 | 4.9 | 5.8 | 10.4 | 5.4 | 4.9 | 13.7 | 5.3 | 4.5 | 5.0 | 5.6 | 5.0 |