

# SOUTH WEST CAPE, New Zealand

## Annual Climatic Design Data (1996–2019)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 47.277S  | 167.463E  | 336          | 14.52                            | 37.4                     | 67.0                     | 58.2                      | NNW                       |

## Monthly Winds (1996–2019)

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

### Prevailing Wind #1

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | NW   | NW   | NW   | NW   | NW   | NW   | NW   | NW   | NW   | NW   | NW   | NW   |
| %OCC    | 18   | 17   | 16   | 16   | 16   | 15   | 13   | 15   | 17   | 18   | 18   | 17   |
| AVG mph | 33.4 | 30.3 | 32.2 | 32.4 | 33.3 | 32.3 | 31.7 | 31.2 | 33.6 | 35.5 | 33.8 | 32.0 |
| MED mph | 33.5 | 30.3 | 32.3 | 31.9 | 33.5 | 32.2 | 31.9 | 31.3 | 33.8 | 35.4 | 33.7 | 31.7 |

### Prevailing Wind #2

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | NNW  | WNW  | NNW  | WNW  | WNW  | WNW  | WNW  | NNW  | NNW  | WNW  | WNW  | WNW  |
| %OCC    | 14   | 15   | 15   | 14   | 12   | 13   | 12   | 12   | 15   | 15   | 16   | 15   |
| AVG mph | 31.6 | 27.2 | 27.7 | 29.5 | 31.4 | 29.1 | 29.6 | 26.6 | 31.2 | 29.7 | 29.4 | 26.7 |
| MED mph | 30.0 | 27.5 | 25.3 | 29.0 | 31.0 | 28.4 | 29.3 | 24.9 | 30.4 | 30.1 | 29.7 | 26.8 |

### Prevailing Wind #3

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | WNW  | NNW  | WNW  | NNW  | NNW  | W    | NNW  | WNW  | WNW  | NNW  | W    | NNW  |
| %OCC    | 13   | 13   | 13   | 13   | 12   | 11   | 11   | 10   | 13   | 13   | 13   | 14   |
| AVG mph | 28.1 | 27.7 | 28.6 | 29.3 | 29.9 | 27.3 | 28.0 | 27.8 | 28.3 | 33.3 | 25.4 | 29.7 |
| MED mph | 27.9 | 25.1 | 29.4 | 27.2 | 29.6 | 27.2 | 27.3 | 27.6 | 28.3 | 33.0 | 25.2 | 28.6 |

### Prevailing Wind #4

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | W    | W    | W    | W    | W    | WSW  | W    | W    | W    | W    | NNW  | W    |
| %OCC    | 10   | 12   | 11   | 11   | 10   | 11   | 10   | 8    | 9    | 11   | 12   | 11   |
| AVG mph | 25.8 | 25.2 | 25.4 | 27.8 | 27.3 | 24.4 | 27.0 | 24.9 | 25.5 | 26.5 | 32.8 | 24.2 |
| MED mph | 25.7 | 25.5 | 25.9 | 28.1 | 25.7 | 23.3 | 26.5 | 25.0 | 25.0 | 26.3 | 31.6 | 23.7 |