

# NEPTUNE ISLANDS, Australia

## 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 35.336S  | 136.118E  | 32          | 100.94                           | 10.4                     | 25.6                     | 18.4                      | WSW                       |

## Monthly Winds (1994–2019)

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

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |      |      |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|
| DIR     | SSE | SSE | SSE | E   | N   | N   | N   | WSW  | WSW  | S   | SSE | S   |
| %OCC    | 19  | 21  | 15  | 10  | 9   | 13  | 15  | 11   | 12   | 10  | 13  | 13  |
| AVG m/s | 8.4 | 8.2 | 7.4 | 6.7 | 8.2 | 9.1 | 9.4 | 11.1 | 10.9 | 7.9 | 7.9 | 7.9 |
| MED m/s | 8.5 | 8.4 | 7.3 | 6.7 | 8.1 | 9.0 | 9.3 | 11.3 | 10.5 | 7.8 | 7.8 | 7.8 |

### Prevailing Wind #2

|         |     |     |     |     |     |      |      |      |      |     |     |     |
|---------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|
| DIR     | S   | S   | S   | ESE | NNE | WSW  | WSW  | W    | W    | WSW | S   | SSE |
| %OCC    | 15  | 15  | 12  | 9   | 9   | 9    | 11   | 11   | 10   | 9   | 11  | 13  |
| AVG m/s | 8.3 | 8.0 | 7.6 | 6.6 | 7.9 | 11.0 | 11.1 | 11.2 | 10.7 | 9.7 | 7.8 | 7.8 |
| MED m/s | 8.4 | 8.0 | 7.5 | 6.4 | 7.9 | 11.0 | 10.7 | 11.1 | 10.5 | 9.4 | 7.9 | 7.7 |

### Prevailing Wind #3

|         |     |     |     |     |      |     |      |     |     |     |     |     |
|---------|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|
| DIR     | SE  | SE  | SE  | SSE | WSW  | NNE | W    | N   | NNE | SW  | SSW | SSW |
| %OCC    | 13  | 15  | 12  | 8   | 9    | 8   | 10   | 10  | 10  | 9   | 9   | 10  |
| AVG m/s | 7.7 | 7.7 | 7.1 | 6.4 | 10.4 | 8.6 | 11.5 | 9.0 | 8.7 | 8.9 | 7.9 | 8.2 |
| MED m/s | 7.7 | 7.8 | 7.0 | 6.2 | 10.2 | 8.4 | 11.3 | 8.9 | 8.9 | 8.4 | 7.8 | 8.2 |

### Prevailing Wind #4

|         |     |     |     |     |      |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SSW | ESE | ESE | SE  | W    | NNW | NNW | NNE | SW  | SSW | SE  | SW  |
| %OCC    | 9   | 10  | 10  | 8   | 7    | 8   | 9   | 9   | 9   | 9   | 9   | 9   |
| AVG m/s | 8.2 | 7.3 | 7.1 | 6.1 | 10.1 | 9.0 | 9.6 | 8.6 | 9.6 | 8.4 | 7.5 | 8.4 |
| MED m/s | 8.3 | 7.2 | 7.1 | 5.9 | 10.0 | 8.9 | 9.3 | 8.6 | 9.3 | 7.8 | 7.4 | 8.1 |