

# NEWPORT SOUTH BEACH JETTY, OR, United States of America

## 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 44.6130N | 124.0670W | 9           | 101.22                           | 0.0                      | 18.5                     | 18.3                      | S                         |

## Monthly Winds (1994–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 1   | 1   | 1   | 1   | 2   | 3   | 4   | 5   | 4   | 2   | 1   | 1   |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | E   | E   | E   | NNW | NNW | NNW | NNW | NNW | NNW | ENE | E   | E   |
| %OCC    | 26  | 22  | 13  | 13  | 21  | 24  | 29  | 26  | 19  | 14  | 22  | 28  |
| AVG m/s | 4.7 | 4.6 | 3.6 | 7.7 | 7.1 | 6.5 | 6.4 | 6.1 | 6.4 | 3.1 | 4.1 | 4.7 |
| MED m/s | 4.5 | 4.1 | 3.0 | 7.2 | 6.6 | 6.2 | 6.3 | 5.9 | 5.8 | 2.7 | 3.7 | 4.2 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ENE | ENE | SSW | SSW | N   | N   | N   | N   | S   | S   | ENE | ENE |
| %OCC    | 16  | 16  | 13  | 12  | 11  | 15  | 21  | 17  | 13  | 14  | 14  | 17  |
| AVG m/s | 4.7 | 4.4 | 8.9 | 8.1 | 6.9 | 6.5 | 6.3 | 5.8 | 5.6 | 7.6 | 3.9 | 4.7 |
| MED m/s | 4.5 | 3.9 | 8.3 | 7.6 | 6.8 | 6.4 | 6.0 | 5.4 | 5.0 | 7.2 | 3.6 | 4.3 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |      |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| DIR     | S   | SSW | S   | E   | SSW | SSW | S   | S   | N   | E   | S   | S    |
| %OCC    | 11  | 10  | 10  | 10  | 10  | 9   | 9   | 10  | 11  | 13  | 14  | 9    |
| AVG m/s | 9.9 | 9.5 | 9.4 | 3.0 | 6.4 | 5.0 | 4.3 | 5.0 | 5.4 | 3.3 | 9.8 | 10.8 |
| MED m/s | 9.7 | 8.8 | 8.6 | 2.7 | 5.7 | 4.5 | 4.0 | 4.2 | 4.8 | 2.8 | 9.1 | 10.8 |

### Prevailing Wind #4

|         |      |      |     |     |     |     |     |     |     |     |     |      |
|---------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| DIR     | SSW  | S    | ENE | ENE | NW  | S   | SSW | SSW | SSW | SSW | SSW | SSW  |
| %OCC    | 11   | 8    | 10  | 9   | 8   | 9   | 9   | 9   | 11  | 11  | 11  | 9    |
| AVG m/s | 10.2 | 10.3 | 3.4 | 2.9 | 4.7 | 5.6 | 3.7 | 3.9 | 5.0 | 6.9 | 9.4 | 10.8 |
| MED m/s | 9.8  | 9.5  | 2.9 | 2.6 | 4.4 | 5.1 | 3.0 | 3.1 | 4.5 | 6.6 | 8.6 | 10.7 |