

# PORT TOWNSEND HARBOR, WA, United States of America

## Annual Climatic Design Data (2008–2019)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 48.1110N | 122.7600W | 16           | 14.69                            | 28.5                     | 76.8                     | 26.4                      | SE                        |

## Monthly Winds (2008–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 5   | 4   | 6   | 5   | 5   | 6   | 7   | 10  | 10  | 7   | 3   | 3   |

### Prevailing Wind #1

|         |      |      |      |     |     |     |     |     |     |      |      |      |
|---------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|
| DIR     | SE   | SE   | SSE  | W   | W   | W   | W   | WNW | WNW | SE   | SE   | SE   |
| %OCC    | 17   | 16   | 13   | 14  | 16  | 19  | 15  | 14  | 11  | 13   | 17   | 19   |
| AVG mph | 11.7 | 10.9 | 12.6 | 8.1 | 7.8 | 8.6 | 8.5 | 7.4 | 6.3 | 11.5 | 14.0 | 12.1 |
| MED mph | 10.1 | 9.9  | 11.8 | 7.0 | 6.9 | 8.8 | 8.2 | 6.9 | 6.0 | 10.7 | 12.5 | 11.1 |

### Prevailing Wind #2

|         |     |      |      |     |     |     |     |     |     |     |      |      |
|---------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
| DIR     | SSE | SSE  | SE   | WNW | WNW | WNW | WNW | W   | W   | W   | SSE  | SSE  |
| %OCC    | 11  | 11   | 13   | 13  | 15  | 15  | 15  | 13  | 10  | 9   | 14   | 15   |
| AVG mph | 9.8 | 11.0 | 13.2 | 7.2 | 7.3 | 7.6 | 7.8 | 7.7 | 6.5 | 6.3 | 12.6 | 10.3 |
| MED mph | 7.1 | 9.6  | 12.4 | 6.6 | 6.6 | 6.9 | 7.2 | 7.1 | 6.0 | 5.4 | 10.4 | 8.8  |

### Prevailing Wind #3

|         |     |      |     |      |     |     |     |     |     |     |      |      |
|---------|-----|------|-----|------|-----|-----|-----|-----|-----|-----|------|------|
| DIR     | ESE | ESE  | W   | SE   | WSW | WSW | NW  | WSW | WSW | SSE | ESE  | ESE  |
| %OCC    | 11  | 9    | 9   | 11   | 9   | 13  | 10  | 9   | 8   | 9   | 8    | 12   |
| AVG mph | 9.7 | 10.5 | 7.5 | 11.8 | 6.9 | 8.4 | 6.8 | 7.0 | 6.0 | 9.3 | 12.3 | 13.7 |
| MED mph | 7.8 | 9.7  | 6.1 | 10.7 | 6.1 | 8.5 | 6.5 | 6.2 | 5.4 | 6.4 | 10.8 | 13.0 |

### Prevailing Wind #4

|         |     |     |     |      |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | S   | WNW | WNW | SSE  | NW  | NW  | WSW | NW  | NW  | WNW | W   | S   |
| %OCC    | 7   | 8   | 8   | 9    | 9   | 7   | 10  | 9   | 8   | 9   | 8   | 7   |
| AVG mph | 6.4 | 5.9 | 6.2 | 11.0 | 6.3 | 6.7 | 7.7 | 6.9 | 6.2 | 5.8 | 6.3 | 7.5 |
| MED mph | 5.4 | 5.5 | 5.7 | 8.6  | 6.1 | 6.4 | 7.2 | 6.6 | 6.0 | 5.4 | 5.2 | 6.2 |