

# NEW DUNGENESS BUOY 46088, WA, United States of America

## Annual Climatic Design Data (2005–2018)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 48.332N  | 123.179W  | 10           | 14.69                            | 30.3                     | 62.8                     | 33.6                      | SE                        |

## Monthly Winds (2005–2018)

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

### Prevailing Wind #1

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | SE   | SE   | W    | W    | WSW  | WSW  | WSW  | WSW  | WSW  | W    | SE   | SE   |
| %OCC    | 14   | 11   | 14   | 24   | 30   | 33   | 41   | 37   | 20   | 10   | 14   | 18   |
| AVG mph | 16.4 | 14.7 | 16.3 | 16.0 | 13.7 | 13.6 | 14.5 | 12.9 | 10.2 | 12.3 | 16.5 | 19.0 |
| MED mph | 15.0 | 13.6 | 16.5 | 16.8 | 14.2 | 14.2 | 15.0 | 13.6 | 8.6  | 12.0 | 15.4 | 18.3 |

### Prevailing Wind #2

|         |      |     |      |      |      |      |      |      |      |      |      |      |
|---------|------|-----|------|------|------|------|------|------|------|------|------|------|
| DIR     | ESE  | N   | SE   | WSW  | W    | W    | W    | W    | W    | SE   | ESE  | ESE  |
| %OCC    | 11   | 10  | 11   | 17   | 23   | 24   | 19   | 19   | 15   | 10   | 9    | 14   |
| AVG mph | 12.9 | 9.9 | 15.3 | 13.5 | 15.0 | 15.1 | 14.5 | 12.7 | 10.5 | 11.1 | 13.3 | 15.6 |
| MED mph | 12.1 | 8.9 | 14.1 | 13.3 | 15.4 | 15.9 | 14.9 | 12.9 | 8.5  | 8.1  | 13.1 | 14.6 |

### Prevailing Wind #3

|         |     |      |      |      |     |      |      |      |     |      |     |      |
|---------|-----|------|------|------|-----|------|------|------|-----|------|-----|------|
| DIR     | NNE | W    | WSW  | WNW  | SW  | SW   | SW   | SW   | SW  | ESE  | NNE | NNE  |
| %OCC    | 9   | 10   | 10   | 7    | 10  | 15   | 17   | 17   | 12  | 8    | 9   | 9    |
| AVG mph | 8.6 | 18.6 | 13.2 | 12.0 | 9.9 | 11.2 | 12.3 | 11.2 | 8.2 | 10.7 | 9.3 | 10.1 |
| MED mph | 6.9 | 19.1 | 12.4 | 11.8 | 8.7 | 12.3 | 13.2 | 12.0 | 6.8 | 8.5  | 7.5 | 8.2  |

### Prevailing Wind #4

|         |      |      |      |      |      |     |     |     |     |      |     |      |
|---------|------|------|------|------|------|-----|-----|-----|-----|------|-----|------|
| DIR     | W    | NNE  | ESE  | SE   | WNW  | SSW | SSW | SSW | WNW | WSW  | N   | E    |
| %OCC    | 9    | 10   | 9    | 7    | 5    | 5   | 6   | 8   | 7   | 8    | 9   | 7    |
| AVG mph | 20.1 | 10.0 | 12.6 | 13.4 | 10.1 | 7.9 | 8.5 | 8.7 | 7.2 | 10.9 | 9.7 | 10.8 |
| MED mph | 20.5 | 8.1  | 11.6 | 12.2 | 6.7  | 6.8 | 7.4 | 7.7 | 4.9 | 8.5  | 8.4 | 8.4  |