

# COL RIVER BAR BUOY 46029, United States of America

## Annual Climatic Design Data (2001–2018)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 46.143N  | 124.485W  | 0           | 101.33                           | 2.2                      | 17.7                     | 15.7                      | S                         |

## Monthly Winds (2001–2018)

|                           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec  |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| %CALM                     | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 2   | 2   | 1   | 1   | 1    |
| <b>Prevailing Wind #1</b> |     |     |     |     |     |     |     |     |     |     |     |      |
| DIR                       | S   | S   | S   | NNW | NNW | NNW | NNW | NNW | N   | S   | S   | S    |
| %OCC                      | 16  | 12  | 15  | 13  | 17  | 22  | 32  | 26  | 20  | 16  | 17  | 14   |
| AVG m/s                   | 9.7 | 8.5 | 8.7 | 6.7 | 6.1 | 6.3 | 6.1 | 5.7 | 6.3 | 8.2 | 9.7 | 10.3 |
| MED m/s                   | 9.3 | 8.4 | 8.4 | 7.0 | 6.3 | 6.6 | 6.4 | 6.0 | 6.8 | 8.4 | 9.4 | 10.0 |
| <b>Prevailing Wind #2</b> |     |     |     |     |     |     |     |     |     |     |     |      |
| DIR                       | SSW | E   | SSW | S   | NW  | NW  | N   | N   | NNW | N   | SSW | SSW  |
| %OCC                      | 11  | 9   | 11  | 10  | 12  | 16  | 25  | 23  | 19  | 13  | 11  | 11   |
| AVG m/s                   | 8.9 | 7.4 | 7.8 | 7.5 | 5.3 | 5.2 | 6.5 | 6.1 | 5.8 | 5.8 | 8.3 | 8.8  |
| MED m/s                   | 8.6 | 7.5 | 7.9 | 7.5 | 5.7 | 5.6 | 6.9 | 6.4 | 6.1 | 6.1 | 8.3 | 8.8  |
| <b>Prevailing Wind #3</b> |     |     |     |     |     |     |     |     |     |     |     |      |
| DIR                       | E   | SSE | SSE | SSW | N   | N   | NW  | S   | S   | NNW | SSE | SSE  |
| %OCC                      | 10  | 9   | 9   | 10  | 11  | 14  | 10  | 9   | 13  | 10  | 9   | 11   |
| AVG m/s                   | 6.6 | 7.4 | 8.3 | 6.8 | 6.0 | 6.4 | 4.5 | 5.1 | 6.1 | 5.5 | 8.4 | 9.2  |
| MED m/s                   | 6.8 | 7.2 | 8.3 | 6.9 | 6.3 | 6.8 | 4.0 | 5.2 | 6.1 | 5.7 | 8.1 | 9.2  |
| <b>Prevailing Wind #4</b> |     |     |     |     |     |     |     |     |     |     |     |      |
| DIR                       | SSE | SSW | SW  | NW  | S   | WNW | S   | NW  | SSE | NNE | E   | ESE  |
| %OCC                      | 9   | 8   | 8   | 10  | 9   | 9   | 7   | 9   | 8   | 9   | 7   | 9    |
| AVG m/s                   | 8.6 | 7.7 | 6.8 | 6.3 | 6.1 | 4.8 | 5.2 | 3.7 | 5.6 | 5.4 | 6.6 | 7.2  |
| MED m/s                   | 8.2 | 7.7 | 6.9 | 6.4 | 6.3 | 5.0 | 5.3 | 3.3 | 5.8 | 5.7 | 6.7 | 7.4  |