

# CLEARWATER BEACH PIER 60, FL, United States of America

## Annual Climatic Design Data (2005–2019)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 27.9777N | 82.8321W  | 33           | 14.68                            | 42.1                     | 88.3                     | 29.0                      | N                         |

## Monthly Winds (2005–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 1   | 2   | 2   | 2   | 0   | 0   | 1   | 1   | 1   | 0   | 1   | 1   |

### Prevailing Wind #1

|         |      |      |      |      |     |     |     |     |     |     |      |      |
|---------|------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|
| DIR     | N    | N    | NNW  | NW   | ESE | SE  | SE  | SE  | E   | NE  | N    | N    |
| %OCC    | 13   | 11   | 11   | 9    | 11  | 10  | 11  | 10  | 13  | 16  | 16   | 13   |
| AVG mph | 15.1 | 13.7 | 15.9 | 12.6 | 9.0 | 8.2 | 8.3 | 7.6 | 7.3 | 9.2 | 14.1 | 13.9 |
| MED mph | 14.8 | 12.6 | 14.7 | 10.9 | 9.3 | 7.0 | 6.8 | 6.5 | 6.4 | 9.3 | 13.7 | 13.3 |

### Prevailing Wind #2

|         |      |      |     |      |     |     |     |     |     |     |     |     |
|---------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNE  | NNW  | E   | NNW  | E   | ESE | W   | W   | ENE | ENE | NE  | NE  |
| %OCC    | 10   | 10   | 9   | 8    | 10  | 9   | 10  | 10  | 12  | 13  | 15  | 12  |
| AVG mph | 11.7 | 14.3 | 8.2 | 13.5 | 8.5 | 8.1 | 9.2 | 9.4 | 7.7 | 8.2 | 8.8 | 8.6 |
| MED mph | 10.7 | 12.7 | 7.4 | 12.3 | 8.5 | 6.9 | 8.4 | 8.7 | 6.9 | 7.5 | 9.0 | 8.5 |

### Prevailing Wind #3

|         |     |     |      |     |      |     |     |     |     |      |      |      |
|---------|-----|-----|------|-----|------|-----|-----|-----|-----|------|------|------|
| DIR     | NE  | ESE | N    | ESE | NW   | NW  | ESE | ESE | NE  | N    | NNE  | NNE  |
| %OCC    | 10  | 9   | 9    | 8   | 10   | 9   | 10  | 9   | 10  | 11   | 12   | 10   |
| AVG mph | 9.0 | 7.4 | 16.2 | 8.4 | 11.5 | 9.9 | 7.8 | 7.6 | 8.6 | 14.2 | 10.6 | 10.8 |
| MED mph | 9.1 | 6.8 | 15.0 | 8.5 | 10.7 | 9.4 | 6.7 | 6.5 | 8.2 | 13.9 | 9.9  | 10.3 |

### Prevailing Wind #4

|         |      |     |      |     |      |     |      |     |     |     |     |     |
|---------|------|-----|------|-----|------|-----|------|-----|-----|-----|-----|-----|
| DIR     | NNW  | E   | NW   | E   | NNW  | W   | WSW  | E   | ESE | E   | ENE | ENE |
| %OCC    | 8    | 9   | 8    | 8   | 9    | 9   | 10   | 8   | 10  | 11  | 11  | 10  |
| AVG mph | 15.0 | 7.2 | 13.8 | 8.5 | 12.6 | 9.5 | 10.4 | 7.0 | 8.0 | 7.5 | 7.7 | 7.6 |
| MED mph | 14.6 | 6.6 | 12.3 | 7.7 | 12.0 | 9.1 | 9.9  | 6.2 | 6.9 | 6.7 | 6.8 | 6.8 |