

# WASHINGTON HARBOR, DC, 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 38.873N  | 77.021W   | 33           | 14.68                            | 16.0                     | 93.3                     | 19.4                      | NW                        |

## Monthly Winds (2008–2019)

|                           | Jan  | Feb  | Mar  | Apr  | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec  |
|---------------------------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|
| %CALM                     | 7    | 7    | 7    | 7    | 6   | 4   | 5   | 6   | 8   | 10  | 11  | 8    |
| <b>Prevailing Wind #1</b> |      |      |      |      |     |     |     |     |     |     |     |      |
| DIR                       | NW   | NW   | NW   | S    | S   | S   | S   | S   | S   | NW  | NW  | NW   |
| %OCC                      | 20   | 16   | 16   | 15   | 19  | 16  | 17  | 13  | 13  | 14  | 17  | 19   |
| AVG mph                   | 11.1 | 12.1 | 11.2 | 8.8  | 7.5 | 7.3 | 7.9 | 7.4 | 7.2 | 8.7 | 9.4 | 11.0 |
| MED mph                   | 10.8 | 11.3 | 10.6 | 8.4  | 6.8 | 6.6 | 7.5 | 6.7 | 6.7 | 8.2 | 9.4 | 10.5 |
| <b>Prevailing Wind #2</b> |      |      |      |      |     |     |     |     |     |     |     |      |
| DIR                       | S    | S    | S    | NW   | NW  | NW  | SSW | NW  | NW  | S   | S   | S    |
| %OCC                      | 12   | 13   | 10   | 13   | 11  | 14  | 14  | 12  | 11  | 12  | 11  | 12   |
| AVG mph                   | 6.6  | 6.9  | 7.5  | 10.5 | 8.8 | 7.9 | 6.0 | 6.6 | 7.2 | 7.2 | 6.5 | 6.0  |
| MED mph                   | 5.8  | 6.2  | 6.8  | 10.3 | 7.9 | 7.0 | 5.6 | 6.0 | 6.5 | 6.3 | 5.9 | 5.5  |
| <b>Prevailing Wind #3</b> |      |      |      |      |     |     |     |     |     |     |     |      |
| DIR                       | WNW  | NNW  | NNW  | SSW  | SSW | SSW | NW  | SSW | SSW | SSW | NNW | WNW  |
| %OCC                      | 10   | 8    | 10   | 7    | 10  | 12  | 14  | 11  | 9   | 10  | 8   | 9    |
| AVG mph                   | 9.5  | 10.0 | 9.8  | 7.6  | 6.4 | 5.9 | 6.9 | 5.8 | 5.8 | 6.3 | 9.2 | 9.1  |
| MED mph                   | 9.1  | 9.7  | 9.8  | 6.4  | 5.8 | 5.5 | 6.3 | 5.2 | 5.3 | 5.3 | 9.5 | 8.0  |
| <b>Prevailing Wind #4</b> |      |      |      |      |     |     |     |     |     |     |     |      |
| DIR                       | NNW  | SSW  | N    | SSE  | SSE | SSE | SSE | SSE | NNE | N   | N   | NNW  |
| %OCC                      | 9    | 8    | 9    | 7    | 8   | 8   | 7   | 8   | 7   | 8   | 8   | 8    |
| AVG mph                   | 9.6  | 6.9  | 7.5  | 5.7  | 5.5 | 5.7 | 5.9 | 5.5 | 4.3 | 6.2 | 6.2 | 9.4  |
| MED mph                   | 9.7  | 6.2  | 6.8  | 4.8  | 5.0 | 5.2 | 5.4 | 5.2 | 4.1 | 5.8 | 5.6 | 9.6  |