

**BALTIMORE HARBOR, MD, 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 39.2669N | 76.5794W  | 33           | 14.68                            | 15.0                     | 92.6                     | 18.2                      | N                         |

**Monthly Winds (2008–2019)**

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 7   | 8   | 8   | 7   | 4   | 3   | 4   | 3   | 4   | 4   | 6   | 8   |

**Prevailing Wind #1**

|         |     |      |      |     |     |     |     |     |     |     |     |     |
|---------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNW | NNW  | N    | S   | S   | S   | WSW | S   | S   | NNW | NNW | NNW |
| %OCC    | 17  | 14   | 14   | 10  | 13  | 11  | 15  | 11  | 10  | 9   | 12  | 14  |
| AVG mph | 9.5 | 10.3 | 10.8 | 4.6 | 4.6 | 4.7 | 4.0 | 5.0 | 4.5 | 8.1 | 8.8 | 9.4 |
| MED mph | 9.5 | 10.1 | 10.3 | 4.4 | 4.4 | 4.5 | 3.8 | 4.7 | 4.4 | 7.6 | 8.9 | 9.3 |

**Prevailing Wind #2**

|         |      |     |     |     |     |     |     |     |     |     |     |     |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | N    | N   | NNW | N   | ESE | WSW | S   | WSW | N   | NW  | N   | NW  |
| %OCC    | 12   | 13  | 11  | 9   | 9   | 11  | 10  | 9   | 9   | 9   | 11  | 11  |
| AVG mph | 10.0 | 9.9 | 9.6 | 9.6 | 8.7 | 4.0 | 4.8 | 3.6 | 7.9 | 5.7 | 9.6 | 6.7 |
| MED mph | 9.9  | 9.7 | 9.5 | 9.7 | 8.7 | 3.8 | 4.6 | 3.4 | 7.3 | 4.9 | 9.7 | 5.8 |

**Prevailing Wind #3**

|         |     |     |      |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NW  | NW  | NNE  | NNW | WSW | N   | SW  | N   | SW  | N   | NW  | N   |
| %OCC    | 11  | 9   | 8    | 9   | 8   | 10  | 10  | 9   | 8   | 8   | 9   | 11  |
| AVG mph | 6.6 | 7.3 | 10.3 | 9.2 | 4.0 | 8.4 | 3.7 | 7.2 | 3.6 | 9.1 | 6.4 | 9.7 |
| MED mph | 5.7 | 6.1 | 10.3 | 9.3 | 3.7 | 8.1 | 3.6 | 6.5 | 3.4 | 9.2 | 5.7 | 9.4 |

**Prevailing Wind #4**

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | WSW | WSW | S   | SSE | SSW | SW  | N   | SW  | NE  | WSW | WSW | WSW |
| %OCC    | 7   | 7   | 7   | 7   | 8   | 7   | 8   | 8   | 7   | 8   | 7   | 8   |
| AVG mph | 3.8 | 4.2 | 4.3 | 5.9 | 3.5 | 3.5 | 7.4 | 3.6 | 8.1 | 4.0 | 3.8 | 4.0 |
| MED mph | 3.4 | 3.7 | 4.1 | 5.7 | 3.3 | 3.3 | 6.5 | 3.4 | 7.8 | 3.5 | 3.4 | 3.4 |