

**DELAWARE CITY, DE, United States of America****Annual Climatic Design Data (2006–2019)**

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 39.582N  | 75.589W   | 26           | 14.68                            | 14.2                     | 90.8                     | 21.8                      | NW                        |

**Monthly Winds (2006–2019)**

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

**Prevailing Wind #1**

|         |      |      |      |      |     |     |     |     |     |     |      |      |
|---------|------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|
| DIR     | NW   | NW   | NW   | NW   | SSE | NW  | SW  | NW  | NW  | NW  | NW   | NW   |
| %OCC    | 21   | 19   | 15   | 12   | 11  | 10  | 9   | 10  | 8   | 11  | 15   | 17   |
| AVG mph | 11.3 | 11.9 | 11.9 | 10.8 | 7.2 | 8.4 | 4.3 | 6.7 | 7.0 | 8.8 | 10.0 | 10.3 |
| MED mph | 10.9 | 11.4 | 11.3 | 10.7 | 6.6 | 7.6 | 4.1 | 5.9 | 6.0 | 8.1 | 9.9  | 10.1 |

**Prevailing Wind #2**

|         |     |      |     |     |     |     |     |     |     |     |     |     |
|---------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | WNW | WNW  | WNW | WNW | S   | SSE | NW  | WNW | SSE | WNW | WNW | WNW |
| %OCC    | 14  | 13   | 10  | 8   | 10  | 9   | 9   | 9   | 8   | 11  | 12  | 13  |
| AVG mph | 9.3 | 10.1 | 9.8 | 9.1 | 6.0 | 7.2 | 6.7 | 4.9 | 6.8 | 7.0 | 8.2 | 9.2 |
| MED mph | 9.0 | 9.7  | 9.0 | 7.8 | 5.6 | 6.6 | 6.0 | 4.3 | 6.1 | 6.3 | 6.9 | 8.3 |

**Prevailing Wind #3**

|         |     |     |      |     |     |     |     |     |     |     |      |      |
|---------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|------|
| DIR     | W   | NNW | NNW  | S   | NW  | WNW | WSW | SSE | S   | W   | NNW  | NNW  |
| %OCC    | 7   | 9   | 9    | 8   | 9   | 8   | 9   | 9   | 7   | 7   | 8    | 7    |
| AVG mph | 5.9 | 9.3 | 11.3 | 7.1 | 9.2 | 6.2 | 4.2 | 6.6 | 5.0 | 4.9 | 10.1 | 10.2 |
| MED mph | 5.1 | 9.0 | 10.8 | 6.4 | 9.1 | 5.6 | 4.0 | 6.2 | 4.5 | 4.4 | 10.1 | 9.7  |

**Prevailing Wind #4**

|         |      |     |     |     |     |     |     |     |     |     |     |     |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNW  | W   | S   | SSE | E   | WSW | SSW | S   | WNW | WSW | S   | W   |
| %OCC    | 7    | 6   | 7   | 8   | 7   | 8   | 8   | 8   | 7   | 7   | 7   | 7   |
| AVG mph | 10.3 | 6.3 | 6.4 | 7.7 | 9.3 | 4.5 | 4.3 | 5.2 | 5.2 | 4.7 | 4.9 | 5.8 |
| MED mph | 10.0 | 5.3 | 5.8 | 7.0 | 9.2 | 4.2 | 4.1 | 4.8 | 4.7 | 4.2 | 4.4 | 5.0 |