

**NEW HAVEN HARBOR, CT, 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 41.283N  | 72.908W   | 33           | 14.68                            | 11.7                     | 84.0                     | 26.8                      | N                         |

**Monthly Winds (2005–2019)**

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 4   | 4   | 5   | 4   | 6   | 6   | 4   | 5   | 5   | 4   | 3   | 4   |

**Prevailing Wind #1**

|         |      |      |      |      |     |     |     |     |     |     |     |     |
|---------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NW   | NNE  | N    | NNE  | S   | SSW | SSW | SSW | NE  | NE  | NE  | NE  |
| %OCC    | 11   | 12   | 12   | 10   | 13  | 13  | 17  | 14  | 14  | 16  | 15  | 13  |
| AVG mph | 11.4 | 10.7 | 13.8 | 10.4 | 7.7 | 9.2 | 9.6 | 9.1 | 7.8 | 8.6 | 7.9 | 8.5 |
| MED mph | 10.6 | 10.4 | 13.1 | 10.2 | 6.8 | 8.9 | 9.3 | 9.2 | 6.7 | 7.1 | 6.4 | 7.1 |

**Prevailing Wind #2**

|         |      |      |      |     |     |     |     |     |     |      |      |      |
|---------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|
| DIR     | N    | N    | NNE  | S   | SSW | S   | S   | S   | NNE | NNE  | NNE  | NNE  |
| %OCC    | 11   | 11   | 11   | 9   | 13  | 13  | 13  | 10  | 12  | 10   | 14   | 12   |
| AVG mph | 13.6 | 13.8 | 11.8 | 7.8 | 8.6 | 8.3 | 9.3 | 8.7 | 9.4 | 10.0 | 11.3 | 10.6 |
| MED mph | 13.4 | 13.3 | 11.2 | 6.9 | 8.0 | 7.5 | 8.8 | 9.1 | 9.3 | 9.6  | 10.8 | 10.0 |

**Prevailing Wind #3**

|         |      |     |      |     |     |     |      |      |      |     |      |      |
|---------|------|-----|------|-----|-----|-----|------|------|------|-----|------|------|
| DIR     | NNE  | NE  | NNW  | SSW | SSE | NNE | SW   | SW   | SSW  | NW  | N    | N    |
| %OCC    | 10   | 10  | 10   | 9   | 10  | 8   | 12   | 9    | 12   | 8   | 10   | 10   |
| AVG mph | 10.4 | 8.6 | 15.8 | 8.9 | 7.2 | 9.9 | 10.0 | 9.9  | 10.4 | 9.7 | 13.5 | 13.3 |
| MED mph | 9.7  | 6.9 | 15.0 | 8.9 | 6.4 | 9.2 | 10.1 | 10.1 | 10.0 | 9.1 | 12.9 | 12.6 |

**Prevailing Wind #4**

|         |      |      |     |     |      |     |     |     |      |      |      |      |
|---------|------|------|-----|-----|------|-----|-----|-----|------|------|------|------|
| DIR     | WNW  | NW   | NE  | NE  | NNE  | SSE | NNE | NNE | SW   | SSW  | NW   | NW   |
| %OCC    | 10   | 10   | 8   | 9   | 8    | 8   | 9   | 8   | 8    | 7    | 7    | 9    |
| AVG mph | 10.5 | 12.6 | 9.7 | 7.7 | 12.1 | 8.3 | 9.1 | 7.6 | 10.6 | 11.4 | 11.7 | 11.5 |
| MED mph | 9.6  | 11.9 | 8.0 | 6.5 | 9.8  | 6.3 | 8.6 | 6.8 | 10.5 | 10.9 | 10.9 | 10.7 |