

# TOLEDO LIGHT 2, OH, United States of America

## Annual Climatic Design Data (2005–2019)

| Latitude | Longitude | Elevation m | Standard Station<br>Pressure kPa | Winter<br>Temperature °C | Summer<br>Temperature °C | Extreme Wind<br>Speed m/s | Extreme Wind<br>Direction |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 41.826N  | 83.194W   | 188         | 99.09                            | -15.7                    | 29.4                     | 15.8                      | SW                        |

## Monthly Winds (2005–2019)

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

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SW  | SSW | WSW | ENE | E   | SSW | SSW | SSW | SSW | SW  | SSW | WSW |
| %OCC    | 16  | 12  | 8   | 13  | 9   | 9   | 11  | 10  | 10  | 11  | 12  | 12  |
| AVG m/s | 9.3 | 6.9 | 7.5 | 8.6 | 6.3 | 6.0 | 5.8 | 5.6 | 6.4 | 8.3 | 7.6 | 8.8 |
| MED m/s | 9.0 | 6.9 | 7.6 | 8.0 | 5.8 | 5.8 | 5.8 | 5.5 | 6.5 | 8.0 | 7.5 | 8.3 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | WSW | WSW | NE  | E   | ENE | S   | SW  | SW  | S   | SSW | SW  | SSW |
| %OCC    | 13  | 11  | 8   | 9   | 9   | 8   | 11  | 9   | 9   | 10  | 12  | 12  |
| AVG m/s | 8.5 | 8.9 | 7.8 | 7.1 | 6.8 | 5.4 | 6.2 | 5.9 | 6.0 | 7.2 | 8.3 | 7.4 |
| MED m/s | 8.1 | 8.6 | 7.8 | 6.9 | 6.5 | 5.3 | 6.0 | 5.7 | 6.0 | 7.0 | 7.9 | 7.3 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SSW | SW  | NW  | SW  | SSW | E   | WSW | S   | E   | WSW | S   | SW  |
| %OCC    | 11  | 11  | 7   | 8   | 8   | 8   | 8   | 8   | 8   | 9   | 11  | 12  |
| AVG m/s | 8.9 | 8.1 | 6.9 | 7.8 | 6.4 | 5.4 | 5.6 | 5.4 | 5.7 | 8.8 | 7.3 | 8.5 |
| MED m/s | 8.6 | 7.9 | 7.0 | 7.8 | 6.0 | 5.2 | 5.4 | 5.1 | 5.4 | 8.9 | 7.3 | 8.2 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | S   | W   | W   | NE  | ESE | SW  | S   | WSW | ENE | S   | WSW | S   |
| %OCC    | 10  | 9   | 7   | 8   | 7   | 8   | 7   | 7   | 7   | 8   | 10  | 10  |
| AVG m/s | 7.9 | 8.4 | 7.7 | 8.1 | 5.5 | 6.4 | 4.9 | 5.8 | 6.0 | 6.9 | 9.4 | 6.7 |
| MED m/s | 8.1 | 8.1 | 7.6 | 7.9 | 5.2 | 6.1 | 4.7 | 5.5 | 5.9 | 6.8 | 9.1 | 6.9 |