

# TANAY, Philippines

## Annual Climatic Design Data (2002–2019)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 14.5812N | 121.3690E | 651         | 93.74                            | 17.9                     | 29.7                     | 9.8                       | NE                        |

## Monthly Winds (2002–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 0   | 0   | 0   | 1   | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 0   |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NE  | NE  | NE  | NE  | E   | NW  | NW  | NW  | NW  | NNE | NE  | NE  |
| %OCC    | 35  | 29  | 29  | 24  | 14  | 18  | 20  | 25  | 21  | 17  | 33  | 29  |
| AVG m/s | 5.0 | 4.6 | 4.2 | 3.6 | 3.4 | 3.1 | 3.5 | 4.0 | 3.6 | 3.3 | 4.3 | 4.6 |
| MED m/s | 4.7 | 4.4 | 3.9 | 3.4 | 3.2 | 2.9 | 3.2 | 3.7 | 3.3 | 3.0 | 4.0 | 4.4 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNE | NNE | NNE | E   | NE  | W   | W   | W   | W   | NE  | NNE | NNE |
| %OCC    | 24  | 20  | 19  | 18  | 13  | 12  | 14  | 18  | 15  | 15  | 19  | 26  |
| AVG m/s | 4.5 | 4.2 | 3.6 | 3.8 | 3.2 | 2.9 | 3.1 | 3.6 | 2.7 | 3.7 | 3.6 | 4.1 |
| MED m/s | 4.1 | 3.9 | 3.3 | 3.6 | 3.1 | 2.5 | 2.6 | 3.3 | 2.3 | 3.4 | 3.3 | 3.8 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ENE | E   | E   | NNE | NNE | E   | WNW | WNW | WNW | NW  | E   | ENE |
| %OCC    | 15  | 16  | 19  | 16  | 9   | 9   | 11  | 14  | 12  | 12  | 14  | 12  |
| AVG m/s | 5.3 | 4.6 | 4.2 | 3.3 | 3.0 | 3.1 | 3.0 | 3.5 | 3.0 | 3.6 | 4.4 | 5.1 |
| MED m/s | 5.0 | 4.5 | 4.0 | 3.0 | 2.8 | 2.9 | 2.5 | 2.9 | 2.6 | 3.1 | 4.2 | 4.8 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | E   | ENE | ENE | ENE | NW  | WNW | NNW | SW  | NNW | N   | ENE | E   |
| %OCC    | 10  | 16  | 15  | 14  | 9   | 9   | 6   | 6   | 7   | 10  | 12  | 11  |
| AVG m/s | 4.6 | 4.7 | 4.6 | 3.8 | 2.8 | 2.9 | 3.2 | 3.3 | 2.9 | 2.4 | 4.7 | 4.6 |
| MED m/s | 4.3 | 4.6 | 4.5 | 3.6 | 2.5 | 2.4 | 2.8 | 3.0 | 2.6 | 2.2 | 4.6 | 4.5 |