

# TEGAL, Indonesia

## Annual Climatic Design Data (1994–2019)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 6.8681S  | 109.1210E | 33           | 14.68                            | 73.0                     | 91.7                     | 16.1                      | NW                        |

## Monthly Winds (1994–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 19  | 22  | 23  | 19  | 17  | 10  | 10  | 6   | 8   | 8   | 13  | 17  |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NW  | NW  | NNW | SSW | SSW | SSW | SSW | SSW | SSW | SSW | SW  | SSW |
| %OCC    | 16  | 13  | 9   | 11  | 16  | 21  | 24  | 27  | 25  | 24  | 17  | 13  |
| AVG mph | 9.4 | 8.8 | 7.0 | 4.2 | 4.6 | 5.0 | 5.3 | 5.6 | 6.1 | 5.8 | 5.3 | 5.1 |
| MED mph | 8.2 | 8.2 | 6.6 | 4.1 | 4.4 | 4.7 | 4.9 | 5.2 | 5.6 | 5.3 | 4.7 | 4.6 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | WNW | WNW | S   | S   | S   | S   | S   | S   | SW  | SW  | SSW | SW  |
| %OCC    | 12  | 11  | 9   | 11  | 13  | 14  | 15  | 15  | 17  | 16  | 17  | 12  |
| AVG mph | 9.3 | 8.6 | 3.8 | 3.9 | 4.1 | 4.4 | 4.8 | 4.8 | 6.1 | 5.6 | 5.2 | 5.7 |
| MED mph | 8.3 | 7.7 | 3.6 | 3.7 | 4.0 | 4.3 | 4.6 | 4.7 | 5.4 | 5.0 | 4.8 | 5.1 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNW | NNW | NW  | SW  | SW  | SW  | SW  | SW  | S   | S   | S   | S   |
| %OCC    | 8   | 10  | 8   | 8   | 9   | 10  | 13  | 15  | 14  | 14  | 14  | 9   |
| AVG mph | 7.5 | 7.9 | 7.3 | 4.4 | 4.6 | 5.2 | 5.6 | 5.9 | 5.5 | 5.2 | 4.8 | 4.4 |
| MED mph | 7.0 | 7.4 | 6.4 | 4.2 | 4.4 | 4.7 | 5.0 | 5.2 | 5.0 | 4.8 | 4.5 | 4.1 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | S   | S   | SSW | NE  | NE  | NE  | NE  | NE  | NE  | NE  | N   | NNW |
| %OCC    | 7   | 7   | 8   | 7   | 8   | 8   | 6   | 8   | 8   | 8   | 6   | 7   |
| AVG mph | 3.8 | 4.0 | 4.6 | 7.3 | 7.8 | 7.5 | 7.8 | 8.5 | 8.1 | 7.9 | 6.8 | 7.0 |
| MED mph | 3.7 | 3.7 | 4.2 | 7.0 | 7.5 | 7.0 | 7.4 | 8.3 | 7.7 | 7.8 | 6.5 | 6.5 |