

# TANJUNG PINANG KIJANG, Indonesia

## Annual Climatic Design Data (2007–2019)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 0.923N   | 104.532E  | 18          | 101.11                           | 22.8                     | 32.6                     | 7.8                       | NE                        |

## Monthly Winds (2007–2019)

|                           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM                     | 38  | 39  | 52  | 60  | 61  | 57  | 52  | 48  | 52  | 61  | 63  | 45  |
| <b>Prevailing Wind #1</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | NNE | NNE | NE  | NE  | SSE | SSE | SSE | SSE | SE  | SSW | W   | NNE |
| %OCC                      | 22  | 25  | 15  | 7   | 5   | 8   | 13  | 14  | 9   | 5   | 3   | 14  |
| AVG m/s                   | 4.1 | 4.2 | 4.0 | 3.5 | 3.7 | 3.8 | 4.3 | 4.3 | 3.6 | 4.0 | 3.3 | 3.7 |
| MED m/s                   | 3.7 | 4.0 | 3.9 | 3.3 | 3.5 | 3.7 | 4.2 | 4.3 | 3.4 | 3.9 | 3.2 | 3.4 |
| <b>Prevailing Wind #2</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | N   | NE  | NNE | ENE | SSW | S   | SE  | SE  | SSE | WSW | WNW | N   |
| %OCC                      | 14  | 14  | 14  | 5   | 5   | 7   | 10  | 14  | 9   | 4   | 3   | 13  |
| AVG m/s                   | 4.0 | 4.6 | 3.8 | 3.5 | 3.6 | 4.2 | 3.5 | 3.6 | 4.2 | 3.7 | 3.4 | 3.7 |
| MED m/s                   | 3.7 | 4.6 | 3.5 | 3.3 | 3.5 | 4.1 | 3.1 | 3.3 | 4.2 | 3.4 | 3.1 | 3.3 |
| <b>Prevailing Wind #3</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | NE  | N   | N   | NNE | S   | SSW | S   | S   | S   | SW  | NE  | NNW |
| %OCC                      | 9   | 12  | 5   | 4   | 4   | 6   | 9   | 8   | 6   | 4   | 3   | 7   |
| AVG m/s                   | 4.5 | 3.8 | 3.4 | 2.9 | 3.9 | 4.1 | 4.6 | 4.7 | 4.4 | 3.7 | 3.3 | 3.4 |
| MED m/s                   | 4.5 | 3.5 | 3.2 | 2.8 | 3.8 | 3.9 | 4.5 | 4.7 | 4.5 | 3.4 | 3.2 | 3.1 |
| <b>Prevailing Wind #4</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | NNW | NNW | ENE | E   | SE  | SE  | SSW | SSW | SSW | S   | WSW | NE  |
| %OCC                      | 7   | 3   | 5   | 3   | 4   | 6   | 5   | 5   | 6   | 3   | 3   | 7   |
| AVG m/s                   | 3.8 | 3.9 | 4.0 | 3.0 | 3.3 | 3.3 | 4.6 | 4.4 | 4.6 | 3.8 | 3.6 | 3.7 |
| MED m/s                   | 3.4 | 3.8 | 3.9 | 2.9 | 3.1 | 3.0 | 4.5 | 4.4 | 4.5 | 3.6 | 3.4 | 3.4 |