

# PANGKAL PINANG, Indonesia

## Annual Climatic Design Data (1995–2019)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 2.1631S  | 106.1370E | 108          | 14.64                            | 73.2                     | 90.8                     | 15.8                      | ESE                       |

## Monthly Winds (1995–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 38  | 37  | 42  | 43  | 34  | 28  | 18  | 14  | 17  | 29  | 44  | 40  |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | WNW | NNW | W   | WSW | SSE | SSE | SSE | SSE | SSE | SSE | W   | W   |
| %OCC    | 12  | 12  | 8   | 6   | 15  | 20  | 28  | 29  | 27  | 15  | 8   | 13  |
| AVG mph | 5.4 | 7.2 | 4.0 | 3.6 | 4.9 | 5.2 | 5.7 | 6.0 | 5.8 | 5.2 | 4.3 | 4.6 |
| MED mph | 4.9 | 6.7 | 3.8 | 3.2 | 4.6 | 4.9 | 5.3 | 5.5 | 5.4 | 4.9 | 4.1 | 4.4 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |      |      |      |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|
| DIR     | NNW | WNW | NNE | W   | ESE | ESE | ESE  | ESE  | ESE  | E   | WSW | WNW |
| %OCC    | 11  | 9   | 7   | 6   | 9   | 11  | 15   | 16   | 14   | 10  | 6   | 12  |
| AVG mph | 7.6 | 4.7 | 9.3 | 4.0 | 8.2 | 8.5 | 10.0 | 10.8 | 10.5 | 8.8 | 4.1 | 4.9 |
| MED mph | 7.1 | 4.3 | 9.4 | 3.6 | 8.0 | 8.6 | 9.9  | 10.9 | 10.6 | 8.7 | 3.7 | 4.6 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NW  | NW  | WNW | SSE | E   | S   | SE  | SE  | SE  | S   | S   | WSW |
| %OCC    | 10  | 8   | 6   | 5   | 9   | 10  | 12  | 14  | 11  | 8   | 5   | 8   |
| AVG mph | 6.4 | 6.3 | 4.7 | 5.0 | 8.5 | 4.8 | 7.9 | 8.5 | 8.4 | 4.7 | 4.4 | 4.3 |
| MED mph | 5.5 | 5.6 | 4.4 | 4.5 | 8.6 | 4.5 | 7.2 | 7.8 | 7.8 | 4.6 | 4.2 | 4.1 |

### Prevailing Wind #4

|         |     |      |     |     |     |     |     |      |      |     |     |     |
|---------|-----|------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|
| DIR     | W   | NNE  | NNW | E   | S   | E   | S   | E    | E    | ESE | SSE | NW  |
| %OCC    | 9   | 8    | 6   | 5   | 8   | 9   | 11  | 11   | 11   | 8   | 5   | 6   |
| AVG mph | 4.4 | 10.1 | 6.2 | 7.2 | 4.5 | 8.8 | 5.0 | 10.6 | 10.5 | 8.7 | 5.0 | 5.5 |
| MED mph | 4.1 | 10.4 | 5.7 | 7.1 | 4.2 | 8.9 | 4.8 | 10.7 | 10.7 | 8.7 | 4.6 | 5.1 |