

**SABANG, 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 5.8740N  | 95.3400E  | 371          | 14.50                            | 73.3                     | 91.0                     | 23.5                      | SW                        |

**Monthly Winds (1994–2019)**

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 31  | 31  | 57  | 61  | 39  | 20  | 15  | 18  | 29  | 53  | 56  | 38  |

**Prevailing Wind #1**

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | E    | E    | E    | WSW  | SSW  | SSW  | SSW  | SW   | SW   | SW   | ESE  | E    |
| %OCC    | 23   | 27   | 14   | 8    | 14   | 22   | 26   | 29   | 18   | 11   | 11   | 20   |
| AVG mph | 11.0 | 11.5 | 10.2 | 10.5 | 11.1 | 12.3 | 12.8 | 12.8 | 11.3 | 11.3 | 10.3 | 10.7 |
| MED mph | 10.5 | 10.4 | 9.5  | 9.6  | 10.3 | 11.3 | 11.6 | 12.0 | 10.4 | 10.6 | 9.6  | 9.9  |

**Prevailing Wind #2**

|         |      |      |     |      |      |      |      |      |      |      |     |      |
|---------|------|------|-----|------|------|------|------|------|------|------|-----|------|
| DIR     | ESE  | ESE  | ENE | SW   | SW   | SW   | SW   | SSW  | SSW  | WSW  | E   | ESE  |
| %OCC    | 21   | 20   | 11  | 7    | 14   | 20   | 23   | 23   | 18   | 9    | 8   | 16   |
| AVG mph | 12.0 | 12.3 | 9.4 | 11.5 | 11.6 | 12.2 | 12.6 | 12.2 | 11.2 | 10.2 | 9.8 | 11.0 |
| MED mph | 10.8 | 10.7 | 8.7 | 10.7 | 10.3 | 11.5 | 11.8 | 11.5 | 10.4 | 9.4  | 9.3 | 10.1 |

**Prevailing Wind #3**

|         |      |      |      |      |      |      |      |      |      |      |      |     |
|---------|------|------|------|------|------|------|------|------|------|------|------|-----|
| DIR     | ENE  | ENE  | ESE  | SSW  | WSW  | WSW  | WSW  | WSW  | WSW  | SSW  | SW   | ENE |
| %OCC    | 14   | 13   | 6    | 6    | 10   | 14   | 12   | 14   | 14   | 8    | 4    | 8   |
| AVG mph | 10.3 | 10.1 | 10.4 | 11.5 | 10.3 | 11.2 | 11.9 | 12.1 | 11.6 | 11.4 | 10.7 | 9.8 |
| MED mph | 9.7  | 9.4  | 9.6  | 10.6 | 9.5  | 10.6 | 10.7 | 11.4 | 10.5 | 10.6 | 9.8  | 9.0 |

**Prevailing Wind #4**

|         |      |      |     |     |      |      |      |      |      |     |      |      |
|---------|------|------|-----|-----|------|------|------|------|------|-----|------|------|
| DIR     | SE   | SE   | NE  | W   | W    | S    | S    | S    | W    | W   | WSW  | SE   |
| %OCC    | 5    | 3    | 3   | 5   | 8    | 10   | 10   | 5    | 9    | 6   | 4    | 7    |
| AVG mph | 10.3 | 10.4 | 7.6 | 9.5 | 11.2 | 12.8 | 12.1 | 11.9 | 11.1 | 9.2 | 10.3 | 10.5 |
| MED mph | 9.5  | 9.8  | 7.3 | 8.7 | 9.4  | 11.7 | 11.3 | 10.4 | 9.6  | 8.6 | 8.8  | 10.1 |