

# UJUNG PANDANG HASANUDDIN, 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 5.0711S  | 119.5522E | 46           | 14.67                            | 68.2                     | 94.2                     | 14.5                      | WNW                       |

## Monthly Winds (1994–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 10  | 11  | 12  | 13  | 12  | 13  | 11  | 10  | 11  | 13  | 12  | 10  |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | E   | ESE | ESE | ESE | ESE | SE  | SE  | SE  | WNW | W   | ESE | ESE |
| %OCC    | 13  | 14  | 14  | 14  | 13  | 13  | 11  | 10  | 10  | 10  | 14  | 14  |
| AVG mph | 4.2 | 4.0 | 3.9 | 3.8 | 3.9 | 3.7 | 3.7 | 4.0 | 9.2 | 9.5 | 3.9 | 4.1 |
| MED mph | 4.1 | 3.9 | 3.8 | 3.7 | 3.7 | 3.6 | 3.6 | 4.0 | 9.3 | 9.6 | 3.7 | 3.9 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ESE | E   | E   | SE  | SE  | ESE | ESE | WNW | W   | ESE | E   | E   |
| %OCC    | 13  | 12  | 11  | 11  | 12  | 11  | 10  | 9   | 10  | 9   | 10  | 13  |
| AVG mph | 4.1 | 4.1 | 4.0 | 3.8 | 3.6 | 3.8 | 4.1 | 8.5 | 9.5 | 3.9 | 3.8 | 4.2 |
| MED mph | 4.1 | 4.0 | 3.9 | 3.6 | 3.5 | 3.7 | 3.9 | 8.5 | 9.6 | 3.7 | 3.7 | 4.1 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ENE | NW  | WNW | E   | WNW | SSE | SSE | SSE | ESE | WNW | SE  | ENE |
| %OCC    | 9   | 9   | 9   | 10  | 8   | 9   | 10  | 9   | 8   | 9   | 9   | 9   |
| AVG mph | 4.3 | 8.3 | 7.7 | 3.9 | 7.0 | 3.6 | 3.6 | 3.8 | 4.2 | 9.2 | 3.8 | 4.2 |
| MED mph | 4.2 | 7.8 | 7.4 | 3.8 | 6.9 | 3.5 | 3.6 | 3.8 | 4.0 | 9.3 | 3.6 | 4.2 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NW  | ENE | SE  | WNW | E   | WNW | WNW | ESE | SE  | SE  | WNW | NW  |
| %OCC    | 8   | 8   | 9   | 8   | 8   | 7   | 8   | 9   | 7   | 8   | 9   | 8   |
| AVG mph | 8.1 | 4.0 | 3.8 | 7.4 | 4.0 | 6.7 | 7.3 | 4.5 | 3.8 | 3.5 | 8.6 | 8.0 |
| MED mph | 7.8 | 4.0 | 3.6 | 7.2 | 3.8 | 6.6 | 7.1 | 4.4 | 3.6 | 3.2 | 8.6 | 7.8 |