

**PALMERVILLE, Australia****Annual Climatic Design Data (2001–2019)**

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 16.001S  | 144.076E  | 672          | 14.34                            | 52.6                     | 98.8                     | 13.6                      | E                         |

**Monthly Winds (2001–2019)**

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 17  | 20  | 22  | 21  | 20  | 19  | 17  | 16  | 16  | 15  | 15  | 14  |

**Prevailing Wind #1**

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ENE | ENE | E   | E   | E   | E   | E   | ENE | ENE | NE  | NE  | NE  |
| %OCC    | 12  | 11  | 16  | 19  | 20  | 19  | 21  | 19  | 19  | 18  | 18  | 15  |
| AVG mph | 6.3 | 5.7 | 5.5 | 5.7 | 5.6 | 5.7 | 5.7 | 6.4 | 7.3 | 8.0 | 7.9 | 7.5 |
| MED mph | 6.1 | 5.3 | 5.2 | 5.4 | 5.4 | 5.4 | 5.5 | 6.3 | 7.3 | 8.1 | 7.8 | 7.3 |

**Prevailing Wind #2**

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | E   | E   | ENE | ENE | ENE | ENE | ENE | E   | NE  | ENE | ENE | ENE |
| %OCC    | 11  | 11  | 14  | 18  | 19  | 18  | 19  | 18  | 17  | 16  | 16  | 14  |
| AVG mph | 6.0 | 5.8 | 5.7 | 5.6 | 5.8 | 5.6 | 6.0 | 6.1 | 7.5 | 7.8 | 7.8 | 7.0 |
| MED mph | 5.7 | 5.5 | 5.4 | 5.3 | 5.6 | 5.4 | 5.8 | 5.9 | 7.5 | 7.8 | 7.8 | 6.9 |

**Prevailing Wind #3**

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NE  | NNE | ESE | ESE | ESE | ESE | NE  | NE  | E   | E   | NNE | NNE |
| %OCC    | 9   | 7   | 8   | 10  | 9   | 9   | 10  | 13  | 14  | 12  | 13  | 12  |
| AVG mph | 6.8 | 6.0 | 5.9 | 6.3 | 6.0 | 5.8 | 6.5 | 6.8 | 7.0 | 7.9 | 8.2 | 7.3 |
| MED mph | 6.5 | 5.6 | 5.5 | 6.2 | 5.8 | 5.7 | 6.5 | 6.8 | 6.8 | 7.8 | 8.0 | 7.1 |

**Prevailing Wind #4**

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNE | N   | NE  | NE  | NE  | NE  | ESE | ESE | NNE | NNE | E   | E   |
| %OCC    | 8   | 7   | 7   | 7   | 8   | 9   | 8   | 7   | 8   | 12  | 11  | 11  |
| AVG mph | 6.5 | 5.9 | 5.6 | 5.6 | 5.7 | 6.3 | 6.1 | 6.2 | 7.8 | 7.9 | 7.7 | 7.1 |
| MED mph | 6.4 | 5.7 | 5.3 | 5.4 | 5.8 | 6.3 | 6.0 | 6.0 | 7.8 | 7.8 | 7.5 | 6.8 |