

**PROSERPINE WHITSUNDAY COAST, Australia****Annual Climatic Design Data (1996–2019)**

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 20.4925S | 148.5550E | 67           | 14.66                            | 42.5                     | 93.0                     | 21.7                      | SE                        |

**Monthly Winds (1996–2019)**

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 10  | 9   | 8   | 7   | 11  | 12  | 12  | 13  | 12  | 10  | 11  | 10  |

**Prevailing Wind #1**

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | ESE  | ESE  | ESE  | ESE  | ESE  | ESE  | ESE  | ESE  | ESE  | ESE  | ESE  | ESE  |
| %OCC    | 23   | 21   | 21   | 20   | 17   | 16   | 17   | 17   | 20   | 22   | 24   | 24   |
| AVG mph | 13.2 | 12.9 | 13.2 | 13.6 | 12.5 | 12.2 | 12.2 | 12.6 | 13.0 | 13.5 | 13.0 | 13.3 |
| MED mph | 13.4 | 13.0 | 13.3 | 13.9 | 12.6 | 12.3 | 12.4 | 12.6 | 13.1 | 13.5 | 13.3 | 13.6 |

**Prevailing Wind #2**

|         |      |      |      |      |     |     |     |     |     |      |      |      |
|---------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|
| DIR     | SE   | SE   | SSE  | SSE  | SSE | SSE | SSW | SSW | SSW | E    | E    | SE   |
| %OCC    | 12   | 13   | 17   | 19   | 17  | 15  | 14  | 13  | 11  | 10   | 9    | 10   |
| AVG mph | 12.9 | 13.4 | 10.5 | 10.5 | 9.7 | 9.3 | 6.0 | 6.1 | 5.8 | 11.7 | 11.1 | 12.8 |
| MED mph | 13.0 | 13.6 | 10.0 | 10.3 | 9.7 | 9.2 | 6.2 | 6.1 | 5.8 | 11.9 | 11.3 | 13.1 |

**Prevailing Wind #3**

|         |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| DIR     | SSE  | SSE  | SE   | SE   | SE   | SE   | SE   | SE   | SE   | SE   | SE   | E    |
| %OCC    | 10   | 13   | 15   | 16   | 14   | 13   | 12   | 10   | 10   | 9    | 8    | 8    |
| AVG mph | 10.0 | 10.0 | 13.5 | 13.5 | 12.8 | 12.7 | 11.9 | 11.9 | 12.6 | 13.1 | 12.4 | 10.8 |
| MED mph | 9.5  | 9.8  | 13.7 | 13.8 | 12.9 | 12.7 | 11.7 | 11.5 | 12.5 | 13.3 | 12.8 | 10.9 |

**Prevailing Wind #4**

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | S   | S   | S   | S   | SSW | SSW | SSE | S   | S   | SSW | SSW | SSE |
| %OCC    | 8   | 10  | 13  | 15  | 12  | 12  | 11  | 9   | 8   | 8   | 7   | 8   |
| AVG mph | 7.1 | 7.4 | 7.9 | 7.9 | 6.1 | 6.0 | 8.8 | 6.6 | 6.8 | 5.4 | 5.4 | 9.4 |
| MED mph | 7.1 | 7.3 | 7.5 | 7.8 | 6.3 | 6.1 | 8.7 | 6.5 | 6.7 | 5.4 | 5.3 | 9.2 |