

# MOUNT MOORNAPA, Australia

## 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 37.7481S | 147.1428E | 1575         | 13.88                            | 37.3                     | 91.3                     | 16.8                      | NNW                       |

## Monthly Winds (1994–2019)

|                           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM                     | 11  | 8   | 8   | 8   | 7   | 9   | 6   | 4   | 4   | 5   | 6   | 8   |
| <b>Prevailing Wind #1</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | SE  | SE  | N   | N   | N   | N   | NNW | NNW | NNW | N   | SE  | SE  |
| %OCC                      | 11  | 11  | 11  | 15  | 15  | 16  | 18  | 16  | 13  | 10  | 10  | 10  |
| AVG mph                   | 5.4 | 5.1 | 7.5 | 7.6 | 7.6 | 7.5 | 9.4 | 9.5 | 9.9 | 8.2 | 5.5 | 5.4 |
| MED mph                   | 5.3 | 5.0 | 7.5 | 7.5 | 7.5 | 7.5 | 9.2 | 9.2 | 9.5 | 8.0 | 5.4 | 5.4 |
| <b>Prevailing Wind #2</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | ESE | ESE | SE  | NNW | NNW | NNW | N   | N   | N   | NNW | N   | S   |
| %OCC                      | 10  | 10  | 9   | 9   | 14  | 14  | 16  | 14  | 12  | 10  | 9   | 9   |
| AVG mph                   | 5.3 | 5.3 | 4.7 | 8.3 | 8.8 | 8.7 | 7.9 | 7.8 | 7.7 | 9.9 | 7.8 | 5.3 |
| MED mph                   | 5.1 | 5.2 | 4.6 | 8.2 | 8.7 | 8.6 | 7.9 | 7.7 | 7.6 | 9.3 | 7.7 | 5.0 |
| <b>Prevailing Wind #3</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | N   | N   | ESE | WSW | NW  | NW  | NW  | NW  | NW  | NW  | S   | N   |
| %OCC                      | 9   | 10  | 9   | 6   | 10  | 10  | 13  | 14  | 9   | 7   | 9   | 8   |
| AVG mph                   | 8.3 | 7.8 | 4.9 | 7.6 | 8.3 | 8.4 | 9.0 | 9.6 | 9.5 | 9.2 | 5.4 | 8.3 |
| MED mph                   | 8.1 | 7.7 | 4.7 | 7.2 | 8.1 | 7.9 | 8.5 | 9.0 | 8.8 | 8.4 | 5.3 | 8.2 |
| <b>Prevailing Wind #4</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | S   | S   | NNW | E   | W   | W   | WNW | WNW | WSW | S   | NNW | ESE |
| %OCC                      | 8   | 8   | 7   | 6   | 8   | 8   | 9   | 9   | 8   | 7   | 8   | 8   |
| AVG mph                   | 5.1 | 4.9 | 8.2 | 5.1 | 8.0 | 7.8 | 8.4 | 8.6 | 7.5 | 5.3 | 9.1 | 5.2 |
| MED mph                   | 4.9 | 4.7 | 8.1 | 4.8 | 8.0 | 7.6 | 8.3 | 8.4 | 7.1 | 4.9 | 9.2 | 5.0 |