

# MANJIMUP, Australia

## Annual Climatic Design Data (2000–2019)

| Latitude | Longitude | Elevation m | Standard Station<br>Pressure kPa | Winter<br>Temperature °C | Summer<br>Temperature °C | Extreme Wind<br>Speed m/s | Extreme Wind<br>Direction |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 34.2505S | 116.1450E | 287         | 97.92                            | 4.1                      | 33.3                     | 9.0                       | NW                        |

## Monthly Winds (2000–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 0   | 1   | 1   | 1   | 2   | 2   | 3   | 1   | 1   | 1   | 1   | 0   |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SSE | SE  | S   | S   | N   | N   | N   | NW  | NW  | NW  | S   | S   |
| %OCC    | 13  | 12  | 11  | 8   | 12  | 14  | 13  | 16  | 14  | 9   | 10  | 14  |
| AVG m/s | 4.5 | 4.5 | 4.5 | 3.8 | 4.3 | 4.6 | 4.5 | 5.1 | 5.4 | 5.3 | 4.4 | 4.6 |
| MED m/s | 4.6 | 4.5 | 4.4 | 3.6 | 4.1 | 4.4 | 4.3 | 4.6 | 5.1 | 5.0 | 4.5 | 4.6 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | S   | SSE | SE  | ENE | NW  | NNE | NW  | WNW | WNW | WSW | SSW | SSE |
| %OCC    | 13  | 12  | 10  | 8   | 10  | 11  | 13  | 12  | 12  | 8   | 9   | 12  |
| AVG m/s | 4.8 | 4.4 | 4.2 | 2.9 | 4.5 | 4.0 | 4.9 | 4.4 | 5.0 | 3.9 | 4.5 | 4.2 |
| MED m/s | 4.8 | 4.4 | 4.2 | 2.8 | 4.1 | 3.8 | 4.5 | 4.0 | 4.7 | 3.8 | 4.5 | 4.2 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SE  | S   | SSE | SSW | NNW | NW  | WNW | NNW | W   | WNW | SSE | SSW |
| %OCC    | 12  | 11  | 10  | 7   | 9   | 11  | 11  | 11  | 9   | 8   | 9   | 11  |
| AVG m/s | 4.5 | 4.7 | 4.2 | 3.7 | 4.6 | 4.5 | 4.6 | 5.0 | 4.2 | 4.4 | 4.2 | 4.7 |
| MED m/s | 4.4 | 4.7 | 4.1 | 3.6 | 4.2 | 4.0 | 4.4 | 4.4 | 4.0 | 4.1 | 4.1 | 4.8 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ESE | ESE | ENE | SSE | NNE | NNW | NNW | N   | NNW | SW  | SE  | SE  |
| %OCC    | 11  | 11  | 10  | 7   | 9   | 10  | 11  | 9   | 9   | 8   | 8   | 11  |
| AVG m/s | 4.4 | 4.6 | 3.3 | 3.7 | 3.7 | 4.5 | 4.7 | 4.5 | 5.1 | 4.3 | 4.3 | 4.3 |
| MED m/s | 4.4 | 4.5 | 3.2 | 3.6 | 3.6 | 4.1 | 4.2 | 4.3 | 4.7 | 4.2 | 4.2 | 4.3 |