

# ELLISTON, Australia

## Annual Climatic Design Data (1994–2012)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 33.650S  | 134.888E  | 9           | 101.22                           | 4.8                      | 34.0                     | 10.3                      | SSE                       |

## Monthly Winds (1994–2012)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 4   | 5   | 9   | 14  | 16  | 18  | 17  | 14  | 10  | 7   | 6   | 5   |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SSE | SSE | SSE | SSE | E   | NW  | N   | SW  | SW  | SSE | SSE | SSE |
| %OCC    | 24  | 26  | 16  | 11  | 10  | 8   | 8   | 10  | 10  | 13  | 14  | 18  |
| AVG m/s | 6.1 | 6.0 | 5.6 | 4.6 | 1.9 | 5.0 | 3.7 | 5.5 | 5.4 | 5.5 | 6.1 | 6.2 |
| MED m/s | 6.2 | 6.1 | 5.7 | 4.9 | 1.4 | 5.0 | 3.5 | 5.2 | 5.1 | 5.4 | 6.3 | 6.4 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SE  | SE  | SE  | S   | S   | NNW | WSW | WSW | SSW | S   | SE  | S   |
| %OCC    | 18  | 19  | 15  | 11  | 8   | 8   | 8   | 8   | 9   | 11  | 14  | 14  |
| AVG m/s | 5.4 | 5.0 | 4.8 | 4.7 | 4.3 | 4.8 | 6.1 | 5.2 | 5.3 | 5.3 | 5.3 | 6.1 |
| MED m/s | 5.3 | 5.1 | 4.9 | 4.8 | 4.3 | 4.9 | 6.1 | 5.1 | 5.1 | 5.2 | 5.3 | 6.1 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | S   | S   | S   | SE  | SSE | SW  | NNW | NNW | WSW | SSW | S   | SE  |
| %OCC    | 13  | 13  | 15  | 10  | 6   | 7   | 8   | 8   | 8   | 10  | 14  | 14  |
| AVG m/s | 5.9 | 5.6 | 5.3 | 4.2 | 4.4 | 5.3 | 4.6 | 4.9 | 5.8 | 5.2 | 5.6 | 5.3 |
| MED m/s | 5.9 | 5.5 | 5.3 | 4.3 | 4.8 | 5.2 | 4.8 | 5.0 | 5.4 | 5.0 | 5.5 | 5.3 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ESE | ESE | ESE | E   | NNW | N   | NW  | SSW | S   | SW  | ESE | ESE |
| %OCC    | 10  | 11  | 11  | 9   | 6   | 7   | 7   | 7   | 8   | 8   | 9   | 8   |
| AVG m/s | 3.7 | 3.8 | 3.1 | 2.6 | 4.2 | 3.8 | 4.6 | 5.4 | 4.9 | 5.1 | 3.9 | 3.7 |
| MED m/s | 3.8 | 3.6 | 2.6 | 2.2 | 4.5 | 3.6 | 4.7 | 5.2 | 4.9 | 5.0 | 4.0 | 3.7 |