

# KATOOMBA, Australia

## Annual Climatic Design Data (1994–2005)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 33.712S  | 150.309E  | 1015        | 89.71                            | 0.0                      | 29.2                     | 8.6                       | W                         |

## Monthly Winds (1994–2005)

|                           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM                     | 28  | 28  | 31  | 36  | 30  | 25  | 25  | 23  | 24  | 25  | 27  | 29  |
| <b>Prevailing Wind #1</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | SE  | SE  | SE  | W   | W   | W   | W   | W   | W   | W   | W   | W   |
| %OCC                      | 19  | 21  | 20  | 15  | 23  | 33  | 33  | 34  | 30  | 28  | 19  | 16  |
| AVG m/s                   | 1.7 | 1.7 | 2.0 | 3.1 | 3.8 | 4.1 | 4.0 | 4.4 | 4.0 | 3.4 | 3.6 | 3.3 |
| MED m/s                   | 1.3 | 1.2 | 1.3 | 2.9 | 3.3 | 3.7 | 3.9 | 4.6 | 3.4 | 3.1 | 3.1 | 3.0 |
| <b>Prevailing Wind #2</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | E   | E   | E   | SE  | SE  | SE  | SE  | SE  | NW  | SE  | SE  | SE  |
| %OCC                      | 12  | 13  | 11  | 11  | 15  | 11  | 10  | 9   | 11  | 9   | 14  | 13  |
| AVG m/s                   | 1.6 | 1.7 | 1.6 | 1.6 | 1.6 | 1.4 | 1.7 | 1.6 | 2.9 | 1.5 | 1.6 | 1.6 |
| MED m/s                   | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.2 | 1.2 | 2.8 | 1.2 | 1.2 | 1.2 |
| <b>Prevailing Wind #3</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | NE  | W   | W   | E   | NW  | NW  | NW  | NW  | SE  | NW  | E   | E   |
| %OCC                      | 10  | 10  | 10  | 10  | 7   | 9   | 8   | 8   | 7   | 9   | 8   | 12  |
| AVG m/s                   | 1.7 | 2.6 | 2.7 | 1.3 | 2.7 | 2.9 | 2.7 | 3.1 | 1.5 | 2.6 | 1.6 | 1.6 |
| MED m/s                   | 1.3 | 2.7 | 2.8 | 1.1 | 2.7 | 2.8 | 2.6 | 2.9 | 1.1 | 2.7 | 1.2 | 1.2 |
| <b>Prevailing Wind #4</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | W   | NE  | NE  | NW  | E   | WNW | WNW | WNW | WNW | E   | NW  | NE  |
| %OCC                      | 10  | 10  | 9   | 7   | 5   | 5   | 5   | 6   | 5   | 7   | 8   | 8   |
| AVG m/s                   | 3.0 | 1.6 | 1.5 | 2.1 | 1.4 | 3.8 | 3.3 | 3.9 | 4.0 | 1.6 | 2.7 | 1.5 |
| MED m/s                   | 2.9 | 1.2 | 1.1 | 1.4 | 1.1 | 3.5 | 3.0 | 3.5 | 4.5 | 1.2 | 2.7 | 1.2 |