

# Newcastle University, New South Wales

## December 2008 Daily Weather Observations



Australian Government  
Bureau of Meteorology

| Date                                | Day | Temps |      | Rain | Evap | Sun | Max wind gust |      |       | 9am  |    |         |      |      |      | 3pm  |    |         |      |      |      |
|-------------------------------------|-----|-------|------|------|------|-----|---------------|------|-------|------|----|---------|------|------|------|------|----|---------|------|------|------|
|                                     |     | Min   | Max  |      |      |     | Dirn          | Spd  | Time  | Temp | RH | Cld     | Dirn | Spd  | MSLP | Temp | RH | Cld     | Dirn | Spd  | MSLP |
|                                     |     | °C    | °C   |      |      |     |               | km/h | local | °C   | %  | eighths |      | km/h | hPa  | °C   | %  | eighths |      | km/h | hPa  |
| 1                                   | Mo  | 13.2  |      | 0    |      |     |               |      | 21.8  | 50   | 3  | NW      | 6    |      | 30.6 | 24   | 4  | NW      | 19   |      |      |
| 2                                   | Tu  |       | 32.2 | 0    |      |     |               |      |       |      |    |         |      |      | 25.4 | 59   | 0  | NE      | 19   |      |      |
| 3                                   | We  | 16.2  | 32.2 | 0    |      |     |               |      | 22.2  | 74   | 4  | N       | 2    |      | 32.0 | 26   | 4  | SE      | 2    |      |      |
| 4                                   | Th  | 19.2  | 24.0 | 0    |      |     |               |      | 20.4  | 66   | 7  | SE      | 22   |      | 23.0 | 61   | 5  | SE      | 22   |      |      |
| 5                                   | Fr  | 18.8  | 30.2 | 0    |      |     |               |      | 20.0  | 85   | 8  | NE      | 4    |      |      |      |    |         |      |      |      |
| 6                                   | Sa  | 19.8  | 34.2 | 0    |      |     |               |      | 29.2  | 56   | 6  | NW      | 4    |      | 31.8 | 39   | 7  | NW      | 7    |      |      |
| 7                                   | Su  | 19.4  | 27.8 | 0    |      |     |               |      | 20.8  | 91   | 8  |         | Calm |      | 27.0 | 39   | 4  | SE      | 6    |      |      |
| 8                                   | Mo  |       | 26.2 | 0    |      |     |               |      |       |      |    |         |      |      | 22.2 | 71   | 7  | NE      | 22   |      |      |
| 9                                   | Tu  | 15.6  | 29.4 | 0    |      |     |               |      | 21.2  | 78   | 1  | NE      | 4    |      | 28.2 | 53   | 3  | NW      | 19   |      |      |
| 10                                  | We  | 19.2  | 26.4 | 0    |      |     |               |      | 25.8  | 63   | 0  | SE      | 22   |      |      |      |    |         |      |      |      |
| 11                                  | Th  | 19.4  | 21.4 | 0    |      |     |               |      | 19.6  | 83   | 8  | NE      | 2    |      | 20.0 | 72   | 8  | SE      | 9    |      |      |
| 12                                  | Fr  | 18.0  | 22.4 | 0.4  |      |     |               |      | 18.8  | 87   | 8  | NE      | 4    |      | 18.8 | 96   | 8  | NE      | 9    |      |      |
| 13                                  | Sa  | 18.2  | 31.6 | 29.8 |      |     |               |      | 22.2  | 95   | 8  |         | Calm |      | 28.8 | 51   | 7  | NW      | 50   |      |      |
| 14                                  | Su  | 18.2  | 27.2 | 1.0  |      |     |               |      | 22.0  | 55   | 3  | SW      | 19   |      | 25.4 | 39   | 3  | NW      | 46   |      |      |
| 15                                  | Mo  | 16.6  | 22.8 | 0    |      |     |               |      | 20.4  | 42   | 4  | S       | 9    |      | 21.8 | 49   | 1  | SE      | 28   |      |      |
| 16                                  | Tu  | 11.6  | 27.0 | 0    |      |     |               |      | 18.8  | 72   | 0  |         | Calm |      | 26.0 | 51   | 1  | NE      | 4    |      |      |
| 17                                  | We  | 14.4  | 29.0 | 0    |      |     |               |      | 23.2  | 51   | 2  |         | Calm |      | 28.2 | 44   | 1  | SE      | 7    |      |      |
| 18                                  | Th  | 17.6  | 34.0 | 0    |      |     |               |      | 20.0  | 91   | 2  | SE      | 4    |      | 31.0 | 34   | 7  | SE      | 56   |      |      |
| 19                                  | Fr  | 18.0  | 26.6 | 1.2  |      |     |               |      | 22.4  | 71   | 1  |         | Calm |      | 23.0 | 98   | 2  | SE      | 46   |      |      |
| 20                                  | Sa  | 17.6  | 21.6 | 0    |      |     |               |      | 19.4  | 96   | 6  | S       | 19   |      | 20.8 | 96   | 5  | SE      | 9    |      |      |
| 21                                  | Su  | 12.6  | 24.2 | 0    |      |     |               |      | 20.0  | 96   | 3  | SE      | 4    |      | 23.6 | 98   | 2  | SE      | 19   |      |      |
| 22                                  | Mo  | 15.2  | 26.4 | 0    |      |     |               |      | 20.6  | 100  | 1  | NE      | 7    |      | 25.4 | 49   | 1  | NE      | 19   |      |      |
| 23                                  | Tu  | 16.0  | 31.0 | 0    |      |     |               |      | 21.6  | 62   | 6  | NW      | 4    |      | 29.0 | 42   | 8  |         | Calm |      |      |
| 24                                  | We  | 18.8  |      | 2.0  |      |     |               |      | 20.2  | 81   | 8  | SE      | 9    |      | 21.0 | 73   | 8  | SE      | 9    |      |      |
| 25                                  | Th  |       | 25.6 | 0    |      |     |               |      |       |      |    |         |      |      |      |      |    |         |      |      |      |
| 26                                  | Fr  | 19.2  | 29.4 | 0    |      |     |               |      | 21.8  | 87   | 6  | NE      | 4    |      | 29.0 | 63   | 1  | SE      | 11   |      |      |
| 27                                  | Sa  | 19.2  | 30.6 | 0    |      |     |               |      | 23.4  | 88   | 8  | NE      | 4    |      | 30.4 | 51   | 8  | NE      | 19   |      |      |
| 28                                  | Su  | 18.6  | 31.2 | 0    |      |     |               |      | 23.8  | 74   | 1  | NW      | 4    |      |      |      |    |         |      |      |      |
| 29                                  | Mo  | 20.2  | 28.8 | 0    |      |     |               |      | 28.0  | 57   | 7  | NW      | 2    |      | 21.6 | 80   | 6  | SW      | 19   |      |      |
| 30                                  | Tu  | 19.2  | 33.4 | 10.6 |      |     |               |      | 22.0  | 77   | 5  |         | Calm |      | 30.8 | 36   | 4  | NW      | 7    |      |      |
| 31                                  | We  | 15.4  | 33.4 | 0    |      |     |               |      | 23.8  | 50   | 0  |         | Calm |      | 32.2 | 23   | 0  | NW      | 15   |      |      |
| <b>Statistics for December 2008</b> |     |       |      |      |      |     |               |      |       |      |    |         |      |      |      |      |    |         |      |      |      |
| Mean                                |     | 17.3  | 28.3 |      |      |     |               |      | 21.9  | 74   | 4  |         | 5    |      | 26.2 | 56   | 4  |         | 18   |      |      |
| Lowest                              |     | 11.6  | 21.4 |      |      |     |               |      | 18.8  | 42   | 0  |         | Calm |      | 18.8 | 23   | 0  |         | Calm |      |      |
| Highest                             |     | 20.2  | 34.2 | 29.8 |      |     |               |      | 29.2  | 100  | 8  | SE      | 22   |      | 32.2 | 98   | 8  | SE      | 56   |      |      |
| Total                               |     |       |      | 45.0 |      |     |               |      |       |      |    |         |      |      |      |      |    |         |      |      |      |

Observations were drawn from Newcastle University (station 061390)

The closest station with pressure, evaporation and sunshine observations is at Williamtown, about 17 km to the northeast.

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