

# CANBERRA TUGGERANONG, Australia

## Annual Climatic Design Data (1998–2019)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 35.4183S | 149.0936E | 1927         | 13.70                            | 25.3                     | 93.7                     | 18.1                      | WNW                       |

## Monthly Winds (1998–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 15  | 16  | 21  | 30  | 32  | 31  | 27  | 22  | 20  | 18  | 16  | 14  |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |      |      |      |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| DIR     | ENE | ENE | E   | NW  | NW  | NW  | NW  | NW  | NW   | NW   | NW   | ENE |
| %OCC    | 11  | 11  | 8   | 8   | 10  | 9   | 13  | 12  | 12   | 10   | 9    | 10  |
| AVG mph | 7.5 | 7.3 | 6.5 | 8.3 | 8.4 | 8.6 | 9.6 | 9.9 | 10.2 | 10.1 | 10.1 | 7.2 |
| MED mph | 7.1 | 7.0 | 5.7 | 7.9 | 8.3 | 8.4 | 9.5 | 9.7 | 10.0 | 10.0 | 9.9  | 6.8 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |      |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| DIR     | E   | E   | ENE | NNW | NNW | NNW | NNW | NNW | NNW | WNW  | E   | NW  |
| %OCC    | 10  | 11  | 8   | 7   | 9   | 9   | 11  | 11  | 10  | 9    | 9   | 9   |
| AVG mph | 7.3 | 7.1 | 6.9 | 7.2 | 7.1 | 7.4 | 7.7 | 8.1 | 8.6 | 11.0 | 6.3 | 9.7 |
| MED mph | 6.7 | 6.6 | 6.5 | 7.1 | 7.0 | 7.4 | 7.6 | 8.0 | 8.4 | 11.2 | 5.6 | 9.7 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |      |      |      |     |     |      |
|---------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|------|
| DIR     | NW  | ESE | NW  | N   | WNW | N   | WNW  | WNW  | WNW  | NNW | ENE | WNW  |
| %OCC    | 7   | 7   | 7   | 6   | 7   | 7   | 8    | 9    | 9    | 9   | 9   | 9    |
| AVG mph | 9.2 | 7.0 | 8.8 | 6.5 | 9.2 | 6.8 | 10.0 | 10.8 | 10.8 | 8.8 | 7.0 | 10.9 |
| MED mph | 9.0 | 6.4 | 8.3 | 6.4 | 9.2 | 6.8 | 10.2 | 10.9 | 10.8 | 8.7 | 6.6 | 10.9 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |      |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| DIR     | NNW | NNW | NNW | E   | N   | S   | N   | N   | N   | N   | WNW  | E   |
| %OCC    | 7   | 6   | 7   | 6   | 6   | 7   | 8   | 8   | 9   | 7   | 8    | 9   |
| AVG mph | 7.8 | 7.6 | 7.8 | 5.3 | 6.8 | 9.5 | 7.1 | 7.3 | 7.8 | 8.0 | 10.7 | 7.1 |
| MED mph | 7.5 | 7.5 | 7.5 | 4.9 | 6.8 | 9.5 | 7.0 | 7.2 | 7.6 | 7.8 | 10.9 | 6.4 |