

**MELBOURNE MOORABBIN, Australia****Annual Climatic Design Data (1994–2019)**

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 37.9800S | 145.0964E | 42           | 14.67                            | 36.9                     | 94.4                     | 25.9                      | N                         |

**Monthly Winds (1994–2019)**

|                           | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| %CALM                     | 3    | 4    | 6    | 8    | 8    | 8    | 5    | 4    | 4    | 5    | 4    | 4    |
| <b>Prevailing Wind #1</b> |      |      |      |      |      |      |      |      |      |      |      |      |
| DIR                       | SSW  | SSW  | SSW  | N    | N    | N    | N    | N    | N    | N    | SSW  | SSW  |
| %OCC                      | 15   | 14   | 11   | 16   | 24   | 29   | 32   | 27   | 20   | 14   | 13   | 15   |
| AVG mph                   | 13.9 | 13.3 | 12.3 | 11.3 | 12.1 | 12.1 | 13.7 | 13.8 | 14.3 | 14.4 | 12.9 | 13.6 |
| MED mph                   | 14.0 | 13.2 | 12.1 | 10.3 | 11.6 | 11.4 | 13.4 | 13.3 | 13.9 | 14.0 | 12.7 | 13.6 |
| <b>Prevailing Wind #2</b> |      |      |      |      |      |      |      |      |      |      |      |      |
| DIR                       | SW   | SE   | N    | SSW  | NNW  | NNW  | NNW  | NNW  | WNW  | SSW  | SW   | SW   |
| %OCC                      | 12   | 11   | 11   | 8    | 11   | 12   | 13   | 12   | 10   | 11   | 12   | 11   |
| AVG mph                   | 13.8 | 10.0 | 11.4 | 11.1 | 11.9 | 10.8 | 12.0 | 12.3 | 12.0 | 12.0 | 13.2 | 13.7 |
| MED mph                   | 13.6 | 9.0  | 10.4 | 10.6 | 11.1 | 9.5  | 11.2 | 11.7 | 11.5 | 11.7 | 12.9 | 13.2 |
| <b>Prevailing Wind #3</b> |      |      |      |      |      |      |      |      |      |      |      |      |
| DIR                       | SE   | SSE  | SE   | SE   | WNW  | NNE  | WNW  | WNW  | NNW  | SW   | SE   | SE   |
| %OCC                      | 11   | 10   | 10   | 8    | 8    | 7    | 8    | 9    | 9    | 9    | 10   | 10   |
| AVG mph                   | 9.6  | 9.9  | 9.5  | 7.6  | 11.5 | 9.5  | 11.5 | 11.6 | 12.2 | 12.3 | 9.8  | 9.5  |
| MED mph                   | 8.8  | 9.7  | 8.6  | 7.0  | 11.3 | 8.5  | 11.1 | 11.2 | 10.9 | 11.8 | 9.0  | 8.9  |
| <b>Prevailing Wind #4</b> |      |      |      |      |      |      |      |      |      |      |      |      |
| DIR                       | SSE  | SW   | SW   | SW   | W    | WNW  | NW   | NW   | W    | W    | N    | SSE  |
| %OCC                      | 11   | 10   | 9    | 7    | 7    | 6    | 8    | 8    | 8    | 7    | 8    | 9    |
| AVG mph                   | 9.8  | 13.1 | 12.9 | 11.9 | 11.8 | 10.7 | 10.9 | 10.9 | 12.5 | 13.1 | 13.3 | 9.5  |
| MED mph                   | 9.6  | 12.6 | 12.4 | 11.3 | 11.4 | 10.4 | 10.5 | 10.6 | 12.0 | 12.9 | 12.9 | 9.2  |