

# SYDNEY RICHMOND, Australia

## Annual Climatic Design Data (1997–2019)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 33.6003S | 150.7761E | 67           | 14.66                            | 32.2                     | 98.5                     | 20.8                      | W                         |

## Monthly Winds (1997–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 15  | 18  | 23  | 32  | 37  | 34  | 30  | 26  | 24  | 21  | 17  | 16  |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |      |      |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|
| DIR     | ENE | SSW | SSW | SSW | SSW | SSW | SSW | W    | W    | ENE | ENE | ENE |
| %OCC    | 9   | 10  | 10  | 8   | 7   | 9   | 6   | 7    | 7    | 8   | 8   | 9   |
| AVG mph | 8.7 | 6.8 | 7.2 | 7.5 | 8.1 | 8.5 | 8.5 | 11.8 | 12.7 | 7.8 | 8.3 | 8.7 |
| MED mph | 8.4 | 6.7 | 7.0 | 7.2 | 7.6 | 8.2 | 7.9 | 11.7 | 13.0 | 7.6 | 8.0 | 8.6 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SSW | ENE | SW  | SW  | SW  | SW  | N   | WSW | NE  | NE  | SSW | NE  |
| %OCC    | 9   | 9   | 7   | 7   | 6   | 7   | 6   | 6   | 6   | 7   | 8   | 8   |
| AVG mph | 6.5 | 8.3 | 6.1 | 5.8 | 6.2 | 7.0 | 6.4 | 9.3 | 6.7 | 7.0 | 6.8 | 7.3 |
| MED mph | 6.4 | 8.0 | 6.0 | 5.7 | 5.9 | 6.5 | 5.9 | 8.2 | 6.7 | 7.0 | 6.5 | 7.1 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |      |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| DIR     | E   | SW  | NE  | NE  | NE  | N   | SW  | NE  | WSW  | SSW | NE  | SSW |
| %OCC    | 7   | 7   | 7   | 6   | 5   | 5   | 6   | 6   | 6    | 7   | 7   | 7   |
| AVG mph | 9.2 | 5.9 | 6.7 | 5.7 | 5.1 | 5.8 | 6.6 | 5.7 | 10.0 | 7.3 | 7.2 | 6.2 |
| MED mph | 9.0 | 5.8 | 6.5 | 5.8 | 5.1 | 5.5 | 6.1 | 5.6 | 8.9  | 6.8 | 7.0 | 6.1 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |      |      |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|
| DIR     | NE  | S   | S   | S   | NNE | WSW | W    | WNW  | SSW | SW  | E   | E   |
| %OCC    | 7   | 7   | 7   | 5   | 5   | 5   | 6    | 6    | 6   | 6   | 7   | 7   |
| AVG mph | 7.6 | 7.5 | 7.8 | 7.7 | 5.3 | 6.8 | 10.5 | 10.8 | 7.7 | 6.5 | 8.8 | 9.2 |
| MED mph | 7.4 | 7.2 | 7.4 | 7.4 | 4.9 | 5.8 | 9.8  | 10.1 | 7.1 | 5.8 | 8.6 | 9.0 |