

## HORSHAM, Australia

### Annual Climatic Design Data (2001–2019)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 36.6697S | 142.1731E | 134         | 99.72                            | -0.5                     | 38.0                     | 12.4                      | W                         |

### Monthly Winds (2001–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 0   | 1   | 1   | 2   | 2   | 3   | 2   | 1   | 1   | 1   | 1   | 1   |

#### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SSW | SSW | SSW | SSW | SW  | N   | N   | WSW | W   | SW  | SW  | SSW |
| %OCC    | 16  | 15  | 13  | 10  | 10  | 9   | 12  | 10  | 12  | 11  | 13  | 13  |
| AVG m/s | 6.0 | 5.8 | 5.4 | 4.7 | 4.7 | 5.7 | 5.7 | 4.8 | 5.7 | 5.3 | 5.9 | 6.1 |
| MED m/s | 5.8 | 5.6 | 5.0 | 4.2 | 4.2 | 5.4 | 5.4 | 4.1 | 5.2 | 4.7 | 5.4 | 5.9 |

#### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | S   | S   | SW  | SW  | WSW | SW  | NNE | W   | WSW | WSW | SSW | SW  |
| %OCC    | 14  | 14  | 11  | 10  | 9   | 9   | 9   | 10  | 12  | 11  | 13  | 12  |
| AVG m/s | 5.7 | 5.8 | 5.1 | 4.7 | 4.8 | 4.2 | 5.5 | 5.5 | 5.1 | 5.6 | 6.0 | 5.9 |
| MED m/s | 5.5 | 5.6 | 4.6 | 4.1 | 4.2 | 3.9 | 5.2 | 5.0 | 4.5 | 5.0 | 5.6 | 5.5 |

#### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SW  | SW  | S   | S   | SSW | SSW | WNW | WNW | SW  | SSW | WSW | WSW |
| %OCC    | 11  | 11  | 11  | 8   | 9   | 8   | 9   | 9   | 11  | 10  | 11  | 11  |
| AVG m/s | 5.8 | 5.6 | 5.2 | 4.6 | 4.6 | 4.5 | 5.6 | 5.7 | 4.9 | 5.4 | 5.9 | 6.2 |
| MED m/s | 5.4 | 5.2 | 5.0 | 4.2 | 4.1 | 3.9 | 5.1 | 5.3 | 4.4 | 4.9 | 5.4 | 5.8 |

#### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | WSW | SE  | WSW | WSW | W   | WSW | NW  | N   | WNW | W   | S   | S   |
| %OCC    | 8   | 9   | 8   | 8   | 8   | 8   | 9   | 9   | 8   | 10  | 9   | 10  |
| AVG m/s | 5.9 | 5.7 | 5.4 | 4.6 | 5.3 | 4.3 | 5.9 | 5.8 | 5.8 | 6.2 | 5.7 | 6.0 |
| MED m/s | 5.6 | 5.4 | 4.9 | 4.1 | 4.8 | 3.8 | 5.5 | 5.4 | 5.2 | 5.5 | 5.3 | 5.8 |