

**DENHAM, Australia****Annual Climatic Design Data (1986–2003)**

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 25.9261S | 113.5319E | 32           | 14.68                            | 50.9                     | 97.3                     | 29.5                      | S                         |

**Monthly Winds (1986–2003)**

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 1   | 3   | 3   | 5   | 12  | 13  | 12  | 7   | 4   | 2   | 1   | 1   |

**Prevailing Wind #1**

|         |      |      |      |      |      |     |     |      |      |      |      |      |
|---------|------|------|------|------|------|-----|-----|------|------|------|------|------|
| DIR     | S    | S    | S    | S    | S    | ESE | ESE | S    | SSW  | S    | SSW  | S    |
| %OCC    | 32   | 26   | 26   | 23   | 12   | 15  | 13  | 15   | 18   | 23   | 27   | 29   |
| AVG mph | 20.2 | 19.3 | 18.4 | 16.5 | 13.0 | 9.4 | 8.6 | 14.1 | 16.0 | 18.6 | 18.9 | 20.1 |
| MED mph | 20.5 | 19.6 | 18.5 | 16.9 | 13.1 | 8.7 | 8.0 | 13.8 | 16.3 | 19.0 | 19.0 | 20.3 |

**Prevailing Wind #2**

|         |      |      |      |      |     |     |     |     |      |      |      |      |
|---------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|
| DIR     | SSW  | SSW  | SSW  | SSE  | ESE | SE  | SE  | SE  | S    | SSW  | S    | SSW  |
| %OCC    | 30   | 24   | 22   | 17   | 12  | 12  | 11  | 13  | 16   | 23   | 26   | 28   |
| AVG mph | 19.5 | 18.2 | 17.2 | 14.3 | 9.0 | 7.6 | 6.8 | 9.0 | 16.1 | 17.0 | 19.5 | 19.8 |
| MED mph | 20.0 | 18.6 | 17.6 | 14.0 | 8.8 | 6.7 | 5.7 | 7.8 | 16.4 | 17.5 | 19.9 | 20.1 |

**Prevailing Wind #3**

|         |      |      |      |      |      |     |     |      |      |      |      |      |
|---------|------|------|------|------|------|-----|-----|------|------|------|------|------|
| DIR     | SW   | SW   | SSE  | SSW  | SSE  | ENE | SSE | SSE  | SW   | SSE  | SW   | SW   |
| %OCC    | 14   | 12   | 15   | 14   | 10   | 9   | 8   | 12   | 14   | 15   | 17   | 14   |
| AVG mph | 15.5 | 15.0 | 15.2 | 14.5 | 11.2 | 9.6 | 9.6 | 11.4 | 13.5 | 16.0 | 16.2 | 15.9 |
| MED mph | 15.9 | 14.4 | 14.4 | 14.1 | 11.1 | 9.3 | 8.5 | 11.4 | 13.5 | 15.8 | 16.8 | 16.5 |

**Prevailing Wind #4**

|         |      |      |      |     |     |      |      |     |      |      |      |      |
|---------|------|------|------|-----|-----|------|------|-----|------|------|------|------|
| DIR     | SSE  | SSE  | SW   | ESE | SE  | S    | S    | ESE | SSE  | SW   | SSE  | SSE  |
| %OCC    | 10   | 12   | 11   | 8   | 10  | 7    | 8    | 11  | 13   | 13   | 12   | 11   |
| AVG mph | 18.7 | 15.8 | 14.0 | 9.6 | 7.3 | 10.9 | 11.0 | 9.3 | 13.5 | 14.0 | 17.3 | 18.2 |
| MED mph | 18.9 | 16.3 | 13.8 | 9.4 | 6.2 | 10.5 | 11.2 | 9.4 | 13.1 | 13.8 | 17.7 | 18.3 |