

# ALICE SPRINGS, 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 23.7950S | 133.8889E | 1795         | 13.77                            | 31.9                     | 104.8                    | 20.7                      | ESE                       |

## Monthly Winds (1994–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 6   | 6   | 8   | 10  | 10  | 10  | 10  | 8   | 7   | 6   | 5   | 5   |

### Prevailing Wind #1

|         |      |      |      |     |     |     |     |     |     |      |      |      |
|---------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|
| DIR     | ESE  | ESE  | ESE  | ESE | ESE | ESE | ESE | ESE | ESE | ESE  | ESE  | ESE  |
| %OCC    | 15   | 18   | 19   | 18  | 14  | 13  | 12  | 12  | 12  | 15   | 13   | 15   |
| AVG mph | 10.9 | 10.7 | 10.6 | 9.8 | 9.5 | 9.4 | 9.1 | 9.6 | 9.6 | 10.3 | 10.1 | 10.6 |
| MED mph | 10.6 | 10.4 | 10.4 | 9.5 | 9.0 | 8.9 | 8.6 | 9.1 | 9.2 | 9.9  | 9.6  | 10.2 |

### Prevailing Wind #2

|         |      |      |      |     |     |     |     |     |     |      |      |      |
|---------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|
| DIR     | SE   | SE   | SE   | SE  | SE  | SE  | E   | SE  | E   | SE   | SE   | SE   |
| %OCC    | 13   | 16   | 18   | 15  | 13  | 12  | 10  | 10  | 11  | 12   | 13   | 13   |
| AVG mph | 11.1 | 10.8 | 10.4 | 9.6 | 9.1 | 8.7 | 8.9 | 9.2 | 9.4 | 10.1 | 10.4 | 10.5 |
| MED mph | 10.9 | 10.4 | 10.1 | 9.1 | 8.5 | 8.2 | 8.5 | 8.7 | 8.9 | 9.7  | 10.0 | 10.1 |

### Prevailing Wind #3

|         |      |      |     |     |     |     |     |     |     |     |     |      |
|---------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| DIR     | E    | E    | E   | E   | E   | E   | SE  | E   | SE  | E   | E   | E    |
| %OCC    | 12   | 13   | 13  | 13  | 10  | 10  | 9   | 9   | 9   | 12  | 11  | 12   |
| AVG mph | 10.6 | 10.2 | 9.9 | 9.2 | 9.0 | 9.0 | 8.6 | 9.3 | 9.4 | 9.8 | 9.6 | 10.2 |
| MED mph | 10.1 | 9.5  | 9.6 | 8.9 | 8.5 | 8.6 | 8.0 | 8.9 | 8.9 | 9.2 | 9.1 | 9.6  |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ENE | ENE | ENE | ENE | SSE | WNW | WNW | WNW | ENE | ENE | ENE | ENE |
| %OCC    | 9   | 9   | 8   | 8   | 7   | 7   | 8   | 7   | 8   | 8   | 8   | 8   |
| AVG mph | 9.8 | 9.2 | 9.3 | 8.3 | 7.8 | 6.2 | 6.4 | 7.1 | 8.7 | 8.9 | 9.0 | 9.4 |
| MED mph | 8.9 | 8.4 | 8.8 | 7.9 | 7.3 | 5.9 | 5.9 | 6.1 | 8.2 | 8.4 | 8.3 | 8.8 |