

# KOUMAC, New Caledonia

## Annual Climatic Design Data (1995–2017)

| 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 |
|----------|-----------|--------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 20.559S  | 164.284E  | 62           | 14.66                            | 58.8                     | 88.4                     | 22.8                      | S                         |

## Monthly Winds (1995–2017)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 5   | 5   | 7   | 6   | 6   | 6   | 6   | 5   | 5   | 4   | 3   | 4   |

### Prevailing Wind #1

|         |      |      |      |      |     |     |     |      |      |      |      |      |
|---------|------|------|------|------|-----|-----|-----|------|------|------|------|------|
| DIR     | S    | S    | S    | SSE  | NE  | NE  | NE  | S    | S    | S    | S    | S    |
| %OCC    | 21   | 18   | 17   | 19   | 18  | 18  | 18  | 19   | 23   | 24   | 23   | 22   |
| AVG mph | 13.3 | 12.8 | 13.1 | 11.8 | 4.1 | 4.3 | 4.4 | 13.1 | 13.4 | 14.2 | 13.8 | 13.5 |
| MED mph | 13.2 | 12.9 | 13.1 | 11.1 | 4.0 | 4.1 | 4.3 | 13.1 | 13.5 | 14.3 | 13.8 | 13.4 |

### Prevailing Wind #2

|         |     |     |      |      |      |      |      |     |     |      |      |     |
|---------|-----|-----|------|------|------|------|------|-----|-----|------|------|-----|
| DIR     | NE  | NE  | SSE  | S    | SSE  | SSE  | S    | NE  | NE  | SSE  | SSE  | NE  |
| %OCC    | 14  | 16  | 16   | 17   | 16   | 16   | 18   | 17  | 16  | 17   | 15   | 14  |
| AVG mph | 4.3 | 4.0 | 11.3 | 12.9 | 11.1 | 10.8 | 11.8 | 4.4 | 4.1 | 12.2 | 12.2 | 4.1 |
| MED mph | 3.9 | 3.7 | 10.1 | 12.6 | 10.9 | 10.7 | 11.9 | 4.2 | 3.9 | 11.3 | 11.1 | 3.9 |

### Prevailing Wind #3

|         |      |     |     |     |      |      |      |      |      |     |     |      |
|---------|------|-----|-----|-----|------|------|------|------|------|-----|-----|------|
| DIR     | SSE  | NNE | NE  | NE  | S    | S    | SSE  | SSE  | SSE  | NE  | NE  | SSE  |
| %OCC    | 14   | 13  | 15  | 14  | 16   | 15   | 17   | 17   | 16   | 14  | 13  | 14   |
| AVG mph | 10.8 | 5.4 | 3.8 | 4.0 | 11.7 | 11.2 | 11.3 | 11.8 | 11.2 | 4.1 | 4.2 | 11.2 |
| MED mph | 9.6  | 4.7 | 3.5 | 3.7 | 11.8 | 11.1 | 11.0 | 11.4 | 9.9  | 4.0 | 3.9 | 10.2 |

### Prevailing Wind #4

|         |     |      |     |     |     |     |     |     |     |     |     |     |
|---------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNE | SSE  | NNE | NNE | NNE | NNE | NNE | NNE | NNE | NNE | NNE | NNE |
| %OCC    | 12  | 12   | 11  | 11  | 12  | 12  | 10  | 10  | 10  | 11  | 12  | 11  |
| AVG mph | 5.0 | 10.3 | 4.5 | 4.0 | 4.7 | 4.8 | 5.2 | 5.0 | 4.4 | 4.8 | 4.8 | 4.6 |
| MED mph | 4.3 | 9.3  | 4.1 | 3.8 | 4.3 | 4.3 | 4.6 | 4.4 | 4.1 | 4.4 | 4.2 | 4.2 |