

# BRUNEI INTL, Brunei Darussalam

## Annual Climatic Design Data (1994–2019)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 4.944N   | 114.928E  | 22          | 101.06                           | 22.9                     | 33.8                     | 6.8                       | NNE                       |

## Monthly Winds (1994–2019)

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

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNE | NNE | NNE | SSW | SSW | SSW | SSW | SSW | SSW | SSW | SSW | SSW |
| %OCC    | 17  | 21  | 13  | 15  | 17  | 18  | 19  | 19  | 18  | 19  | 17  | 15  |
| AVG m/s | 4.2 | 4.2 | 3.6 | 2.1 | 2.2 | 2.3 | 2.3 | 2.5 | 2.4 | 2.4 | 2.5 | 2.5 |
| MED m/s | 4.1 | 4.2 | 3.5 | 2.0 | 2.0 | 2.1 | 2.1 | 2.2 | 2.1 | 2.1 | 2.2 | 2.1 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | N   | N   | N   | S   | S   | S   | SW  | SW  | S   | S   | S   | S   |
| %OCC    | 11  | 14  | 12  | 11  | 12  | 13  | 14  | 14  | 13  | 13  | 13  | 12  |
| AVG m/s | 3.5 | 3.6 | 3.3 | 2.2 | 2.2 | 2.3 | 2.3 | 2.4 | 2.3 | 2.4 | 2.4 | 2.4 |
| MED m/s | 3.5 | 3.6 | 3.2 | 2.0 | 2.0 | 2.1 | 2.0 | 2.1 | 2.1 | 2.2 | 2.2 | 2.1 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | SSW | NNW | SSW | SW  | SW  | SW  | S   | S   | SW  | SW  | SW  | SW  |
| %OCC    | 10  | 10  | 11  | 10  | 11  | 12  | 13  | 13  | 12  | 13  | 11  | 10  |
| AVG m/s | 2.0 | 3.3 | 2.1 | 2.0 | 2.2 | 2.3 | 2.3 | 2.4 | 2.4 | 2.5 | 2.3 | 2.3 |
| MED m/s | 1.9 | 3.4 | 1.9 | 1.8 | 2.0 | 2.0 | 2.1 | 2.2 | 2.0 | 2.1 | 2.0 | 2.0 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NE  | SSW | NNW | NNW | SSE | SSE | SSE | SSE | SSE | SSE | SSE | NNE |
| %OCC    | 9   | 8   | 10  | 9   | 8   | 9   | 9   | 8   | 9   | 8   | 8   | 7   |
| AVG m/s | 3.3 | 2.0 | 3.3 | 3.1 | 2.0 | 2.0 | 2.0 | 2.1 | 2.0 | 2.0 | 2.0 | 3.7 |
| MED m/s | 3.2 | 1.9 | 3.4 | 3.2 | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 1.9 | 1.9 | 3.7 |