

# LION BUOY 61002, France

## Annual Climatic Design Data (2002–2018)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 42.100N  | 4.700E    | 3           | 101.29                           | 4.4                      | 26.0                     | 19.8                      | NW                        |

## Monthly Winds (2002–2018)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 8   | 2   | 2   | 2   | 1   | 1   | 2   | 1   | 2   | 4   | 3   | 5   |

### Prevailing Wind #1

|         |      |      |      |      |      |     |      |      |      |      |      |      |
|---------|------|------|------|------|------|-----|------|------|------|------|------|------|
| DIR     | NW   | NW   | NW   | NW   | NW   | NW  | NW   | NW   | NW   | NW   | NW   | NNW  |
| %OCC    | 20   | 23   | 21   | 19   | 25   | 24  | 25   | 27   | 21   | 17   | 20   | 18   |
| AVG m/s | 11.9 | 12.6 | 12.4 | 10.9 | 10.7 | 9.7 | 9.9  | 10.0 | 10.5 | 11.1 | 12.5 | 12.7 |
| MED m/s | 12.3 | 12.9 | 12.5 | 11.6 | 11.1 | 9.9 | 10.3 | 10.3 | 11.1 | 11.0 | 12.6 | 13.0 |

### Prevailing Wind #2

|         |      |      |      |     |     |     |     |     |     |      |      |      |
|---------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|
| DIR     | NNW  | NNW  | NNW  | NNW | NNW | NNW | NNW | NNW | NNW | NNW  | NNW  | NW   |
| %OCC    | 13   | 21   | 12   | 10  | 11  | 11  | 13  | 16  | 18  | 15   | 16   | 17   |
| AVG m/s | 11.5 | 11.5 | 11.7 | 8.4 | 9.1 | 8.0 | 8.5 | 9.0 | 9.3 | 11.0 | 11.9 | 12.9 |
| MED m/s | 10.9 | 11.5 | 12.0 | 8.3 | 9.0 | 7.8 | 8.8 | 9.2 | 9.4 | 11.0 | 11.9 | 13.6 |

### Prevailing Wind #3

|         |      |      |     |     |     |     |     |     |     |     |     |      |
|---------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| DIR     | WNW  | WNW  | WNW | WNW | WNW | WNW | WNW | WNW | SE  | ESE | ESE | N    |
| %OCC    | 9    | 8    | 9   | 8   | 10  | 8   | 10  | 7   | 7   | 8   | 7   | 14   |
| AVG m/s | 10.9 | 10.8 | 9.4 | 7.5 | 9.1 | 7.1 | 7.9 | 6.3 | 5.2 | 7.0 | 7.1 | 10.5 |
| MED m/s | 10.2 | 10.5 | 7.8 | 6.2 | 8.3 | 6.1 | 7.2 | 5.6 | 4.9 | 6.3 | 7.6 | 10.6 |

### Prevailing Wind #4

|         |      |      |     |     |     |     |     |     |     |     |     |     |
|---------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | N    | N    | E   | ESE | SSW | WSW | SSW | SSW | ESE | N   | N   | SW  |
| %OCC    | 6    | 6    | 7   | 6   | 6   | 6   | 6   | 7   | 6   | 7   | 6   | 7   |
| AVG m/s | 10.4 | 9.7  | 8.7 | 6.4 | 4.7 | 4.7 | 4.0 | 4.0 | 5.5 | 8.1 | 9.6 | 7.9 |
| MED m/s | 9.9  | 10.2 | 8.4 | 5.8 | 4.5 | 4.6 | 3.9 | 3.8 | 5.2 | 7.5 | 9.6 | 6.3 |