

# ARIPEKA, FL, United States of America

## Annual Climatic Design Data (2004–2019)

| 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 |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 28.4331N | 82.6667W  | 0           | 101.33                           | 3.8                      | 35.2                     | 8.3                       | NW                        |

## Monthly Winds (2004–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 6   | 9   | 12  | 11  | 5   | 6   | 5   | 4   | 8   | 6   | 7   | 7   |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | E   | E   | NW  | NW  | NW  | ESE | ESE | ESE | E   | E   | E   | E   |
| %OCC    | 16  | 15  | 16  | 17  | 18  | 16  | 19  | 17  | 22  | 27  | 25  | 20  |
| AVG m/s | 2.5 | 2.4 | 4.5 | 4.4 | 3.9 | 1.9 | 1.8 | 2.0 | 2.6 | 2.7 | 2.7 | 2.6 |
| MED m/s | 2.3 | 2.2 | 4.2 | 4.2 | 4.0 | 1.7 | 1.7 | 1.7 | 2.3 | 2.4 | 2.5 | 2.3 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ENE | NW  | ESE | ESE | ESE | NW  | WNW | NW  | ESE | ENE | ENE | ENE |
| %OCC    | 14  | 15  | 14  | 14  | 17  | 16  | 14  | 14  | 18  | 17  | 17  | 15  |
| AVG m/s | 2.6 | 3.8 | 2.2 | 2.2 | 2.2 | 3.7 | 4.1 | 3.6 | 1.9 | 2.8 | 2.9 | 2.6 |
| MED m/s | 2.3 | 3.0 | 2.0 | 2.0 | 2.1 | 3.6 | 4.2 | 3.0 | 1.8 | 2.6 | 2.6 | 2.2 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NW  | ESE | E   | E   | E   | WNW | NW  | WNW | ENE | ESE | ESE | ESE |
| %OCC    | 12  | 11  | 13  | 13  | 15  | 16  | 14  | 14  | 13  | 14  | 13  | 13  |
| AVG m/s | 4.0 | 2.0 | 2.6 | 2.8 | 2.6 | 4.2 | 3.4 | 4.6 | 2.9 | 1.9 | 2.1 | 2.1 |
| MED m/s | 3.1 | 1.9 | 2.3 | 2.5 | 2.3 | 4.3 | 3.1 | 4.3 | 2.6 | 1.8 | 2.0 | 2.0 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ESE | ENE | WNW | WNW | WNW | E   | SE  | E   | NW  | NW  | NW  | NW  |
| %OCC    | 11  | 10  | 8   | 9   | 13  | 10  | 9   | 11  | 10  | 10  | 9   | 9   |
| AVG m/s | 2.1 | 2.5 | 4.9 | 4.8 | 4.5 | 2.2 | 1.4 | 2.5 | 3.1 | 3.2 | 3.5 | 3.9 |
| MED m/s | 2.0 | 2.2 | 4.5 | 4.6 | 4.6 | 1.9 | 1.3 | 2.1 | 2.8 | 2.8 | 2.7 | 2.8 |