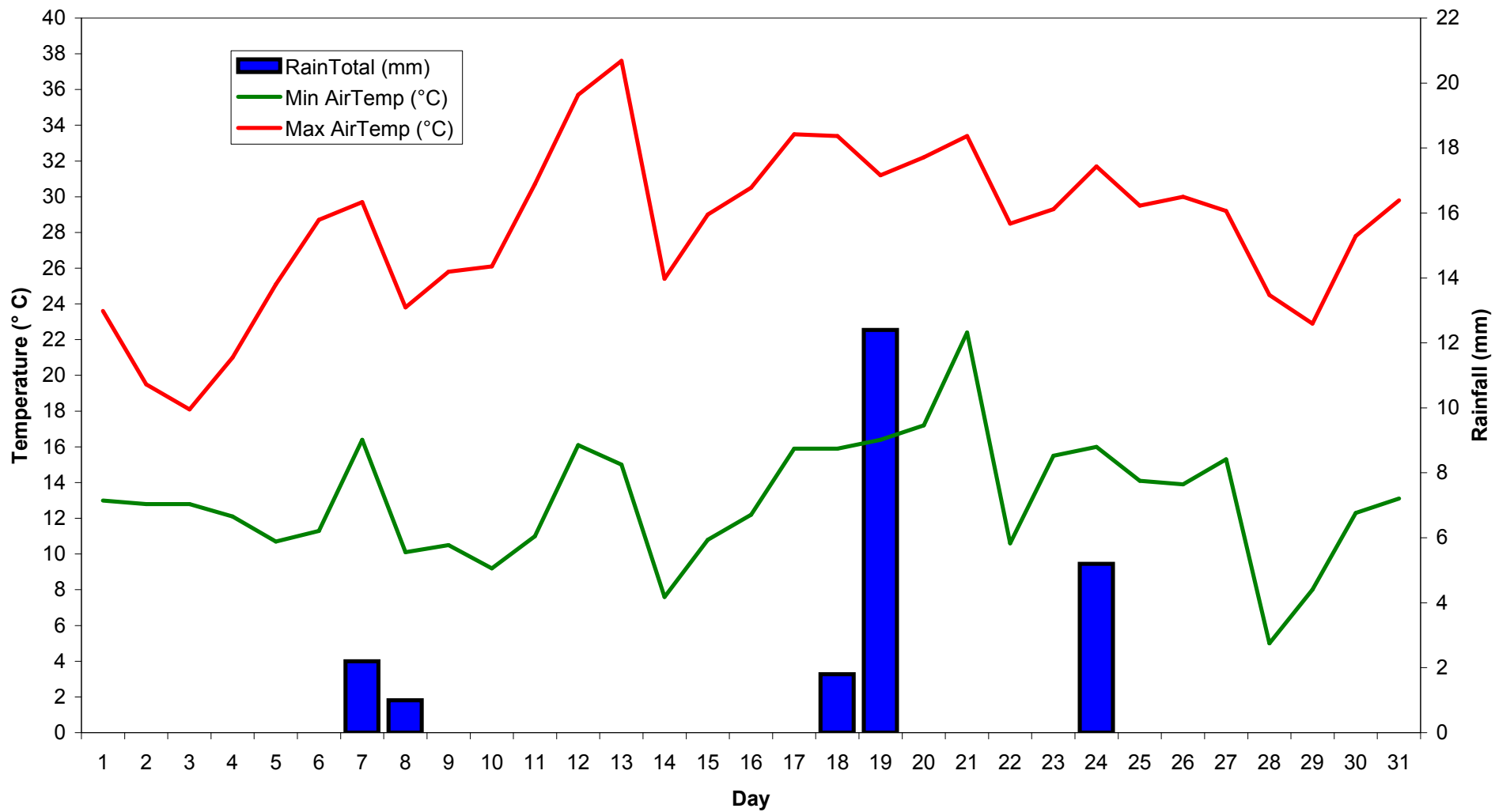
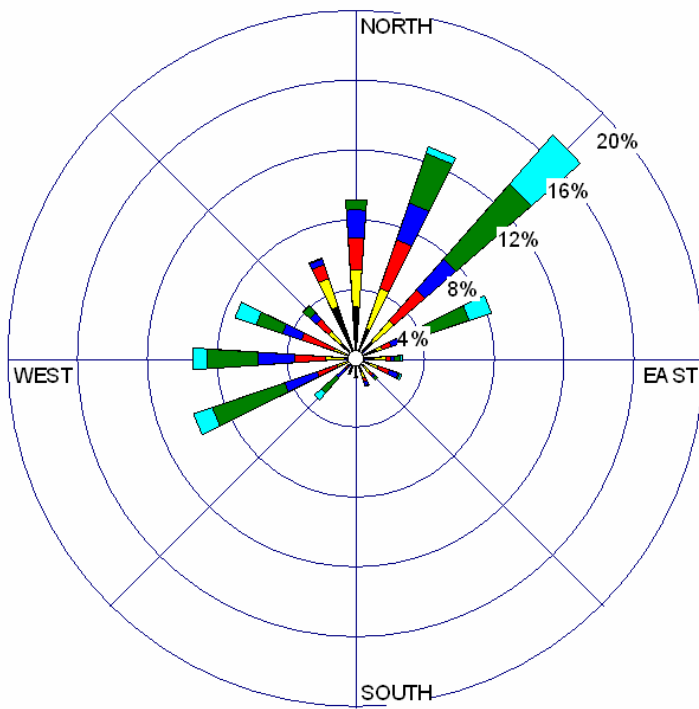


HQJOC AWS Temperature and Rainfall - January 2007



24 HOURS

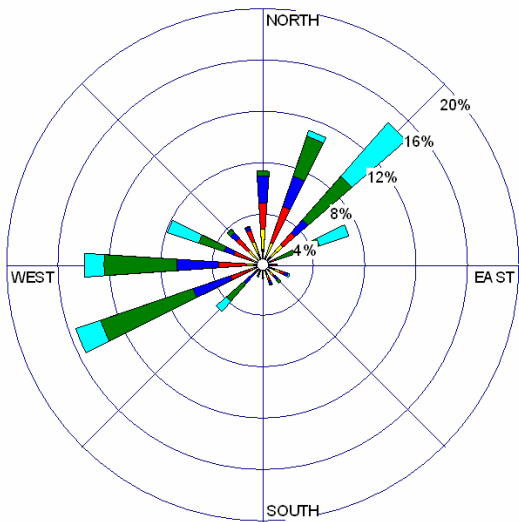


**WIND SPEED
(m/s)**

- >= 7.5
- 5.0 - 7.5
- 4.0 - 5.0
- 3.0 - 4.0
- 2.0 - 3.0
- 0.5 - 2.0

Calms: 1.45%

DAY TIME

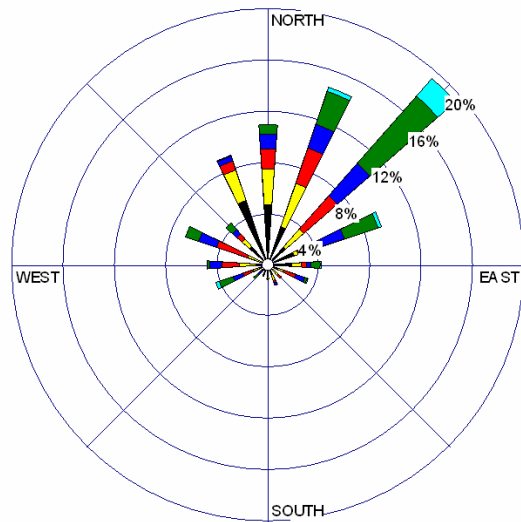


**WIND SPEED
(m/s)**

- >= 7.5
- 5.0 - 7.5
- 4.0 - 5.0
- 3.0 - 4.0
- 2.0 - 3.0
- 0.5 - 2.0

Calms: 1.14%

NIGHT TIME



**WIND SPEED
(m/s)**

- >= 7.5
- 5.0 - 7.5
- 4.0 - 5.0
- 3.0 - 4.0
- 2.0 - 3.0
- 0.5 - 2.0

Calms: 1.75%

Client:

DEPARTMENT OF DEFENCE

Project:

**HQJOC METEOROLOGICAL
MONITORING**

Title:

**WINDROSES FOR JANUARY
2007**



Note: Windrose data (including calms) is based on 15 minute averaging periods

HQJOC AWS: Daily Data for January 2007

| Date | Time | Min AirTemp (°C) | Ave AirTemp (°C) | Max AirTemp (°C) | Min Humidity (%) | Ave Humidity (%) | Max Humidity (%) | Min WndSpd (m/s) | Ave WndSpd (m/s) | Max WndSpd (m/s) | Ave GSR (W/m ²) | Max GSR (W/m ²) | RainTotal (mm) | Evap (mm) |
|------------|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------------|-----------------------------|----------------|-----------|
| 1/01/2007 | 9:00:00 AM | 13 | 17 | 24 | 38 | 73 | 90 | 0.5 | 5.4 | 13.8 | 251 | 1267 | 0 | 4.5 |
| 2/01/2007 | 9:00:00 AM | 13 | 15 | 20 | 58 | 77 | 93 | 1.6 | 6.4 | 13.5 | 270 | 1625 | 0 | 4.0 |
| 3/01/2007 | 9:00:00 AM | 13 | 15 | 18 | 57 | 80 | 93 | 0.5 | 5.7 | 12.5 | 172 | 1109 | 0 | 3.0 |
| 4/01/2007 | 9:00:00 AM | 12 | 16 | 21 | 46 | 71 | 89 | 0.3 | 5.0 | 11.5 | 292 | 1653 | 0 | 4.6 |
| 5/01/2007 | 9:00:00 AM | 11 | 18 | 25 | 29 | 65 | 97 | 0.0 | 3.5 | 10.3 | 349 | 1384 | 0 | 5.8 |
| 6/01/2007 | 9:00:00 AM | 11 | 21 | 29 | 19 | 48 | 89 | 0.0 | 2.8 | 8.8 | 269 | 1257 | 0 | 6.0 |
| 7/01/2007 | 9:00:00 AM | 16 | 25 | 30 | 20 | 38 | 90 | 0.1 | 4.0 | 13.2 | 243 | 1305 | 2.2 | 7.5 |
| 8/01/2007 | 9:00:00 AM | 10 | 19 | 24 | 40 | 69 | 96 | 0.0 | 4.5 | 16.1 | 147 | 1201 | 1 | 3.7 |
| 9/01/2007 | 9:00:00 AM | 11 | 16 | 26 | 15 | 63 | 91 | 0.1 | 4.4 | 13.2 | 347 | 1100 | 0 | 6.1 |
| 10/01/2007 | 9:00:00 AM | 9 | 16 | 26 | 23 | 65 | 97 | 0.0 | 2.9 | 12.7 | 344 | 1094 | 0 | 5.8 |
| 11/01/2007 | 9:00:00 AM | 11 | 22 | 31 | 14 | 46 | 89 | 0.0 | 2.9 | 11.1 | 368 | 1122 | 0 | 7.5 |
| 12/01/2007 | 9:00:00 AM | 16 | 27 | 36 | 12 | 26 | 51 | 0.0 | 3.2 | 13.7 | 359 | 1091 | 0 | 9.6 |
| 13/01/2007 | 9:00:00 AM | 15 | 25 | 38 | 11 | 46 | 84 | 0.1 | 4.6 | 16.5 | 306 | 1307 | 0 | 9.1 |
| 14/01/2007 | 9:00:00 AM | 8 | 17 | 25 | 31 | 65 | 94 | 0.0 | 3.9 | 11.4 | 338 | 1130 | 0 | 5.6 |
| 15/01/2007 | 9:00:00 AM | 11 | 19 | 29 | 19 | 60 | 94 | 0.0 | 3.9 | 13.5 | 347 | 1094 | 0 | 6.7 |
| 16/01/2007 | 9:00:00 AM | 12 | 21 | 31 | 22 | 60 | 94 | 0.0 | 3.9 | 10.9 | 349 | 1097 | 0 | 7.0 |
| 17/01/2007 | 9:00:00 AM | 16 | 24 | 34 | 17 | 51 | 86 | 0.0 | 3.6 | 13.2 | 328 | 1074 | 0 | 7.8 |
| 18/01/2007 | 9:00:00 AM | 16 | 23 | 33 | 24 | 66 | 94 | 0.0 | 3.3 | 16.6 | 271 | 1297 | 1.8 | 6.1 |
| 19/01/2007 | 9:00:00 AM | 16 | 21 | 31 | 32 | 74 | 92 | 0.0 | 3.5 | 13.7 | 193 | 1401 | 12.4 | 4.5 |
| 20/01/2007 | 9:00:00 AM | 17 | 24 | 32 | 27 | 59 | 91 | 0.0 | 2.3 | 12.9 | 313 | 1112 | 0 | 6.5 |
| 21/01/2007 | 9:00:00 AM | 22 | 28 | 33 | 13 | 29 | 49 | 1.0 | 6.0 | 16.8 | 355 | 1155 | 0 | 11.6 |
| 22/01/2007 | 9:00:00 AM | 11 | 18 | 29 | 37 | 73 | 96 | 0.0 | 4.3 | 17.3 | 180 | 1310 | 0 | 4.1 |
| 23/01/2007 | 9:00:00 AM | 16 | 20 | 29 | 26 | 66 | 90 | 0.0 | 3.7 | 12.8 | 354 | 1119 | 0 | 6.6 |
| 24/01/2007 | 9:00:00 AM | 16 | 24 | 32 | 17 | 51 | 95 | 0.1 | 3.7 | 14.0 | 337 | 1102 | 5.2 | 7.7 |
| 25/01/2007 | 9:00:00 AM | 14 | 19 | 30 | 26 | 72 | 94 | 0.1 | 4.2 | 13.9 | 301 | 1371 | 0 | 5.7 |
| 26/01/2007 | 9:00:00 AM | 14 | 19 | 30 | 11 | 68 | 94 | 0.0 | 4.2 | 13.0 | 361 | 1122 | 0 | 6.7 |
| 27/01/2007 | 9:00:00 AM | 15 | 22 | 29 | 15 | 37 | 75 | 0.0 | 4.4 | 15.1 | 363 | 1107 | 0 | 8.7 |
| 28/01/2007 | 9:00:00 AM | 5 | 15 | 25 | 21 | 61 | 95 | 0.0 | 4.5 | 13.8 | 308 | 1288 | 0 | 5.4 |
| 29/01/2007 | 9:00:00 AM | 8 | 16 | 23 | 21 | 43 | 76 | 0.0 | 3.9 | 14.6 | 362 | 1119 | 0 | 6.6 |
| 30/01/2007 | 9:00:00 AM | 12 | 19 | 28 | 20 | 61 | 94 | 0.0 | 3.4 | 12.7 | 357 | 1100 | 0 | 6.5 |
| 31/01/2007 | 9:00:00 AM | 13 | 21 | 30 | 11 | 43 | 91 | 0.2 | 4.4 | 15.8 | 351 | 1135 | 0 | 8.1 |