

School of Earth Sciences and Geography Keele University : Weather Data

Lat. 52° 59' 55 N Long. 2° 16' 05 W :
OS Grid Ref : SJ 820447; Alt. 179m (587ft) O.D.

Summary of Climate Data for :-

June 2011

| | | From norm | Day | Comments |
|-------------------------------|-----------|-----------|-----|----------|
| Mean Air Temp (°C) | 13.3 | 0.0 | | |
| Mean Air Maximum (°C) | 17.7 | 0.3 | | |
| Mean Air Minimum (°C) | 8.8 | -0.4 | | |
| Highest Maximum (°C) | 25.7 | | 27 | |
| Lowest Maximum (°C) | 14.0 | | 10 | |
| Highest Minimum (°C) | 17.1 | | 27 | |
| Lowest Minimum (°C) | 4.0 | | 11 | |
| Mean Grass Minimum (°C) | 6.8 | | | |
| Lowest Grass Minimum (°C) | 0.6 | | 12 | |
| Mean Concrete Minimum (°C) | 9.5 | | | |
| Lowest Concrete Minimum (°C) | 5.2 | | 12 | |
| Mean 10cm. Soil Temp (°C) | 15.3 | -0.5 | | |
| Mean 30cm. Soil Temp (°C) | 14.7 | 0.9 | | |
| Mean 100cm. Soil Temp (°C) | 12.6 | 1.5 | | |
| Air Frost (days) | 0 | 0 | | |
| Ground Frost (days) | 0 | 0 | | |
| Ice Days (below 0°C) | 0 | | | |
| Hot Days (over 21°C) | 4 | | | |
| Rainfall (mm) | 53.4 | -15.3 | | |
| Days with 0.2mm or more | 19 | 4 | | |
| Days with 1.0mm or more | 7 | -4 | | |
| Days with 5.0mm or more | 3 | | | |
| Greatest fall in one day (mm) | 21.4 | | 12 | |
| Relative Humidity (%) | 80 | | | |
| Sunshine (hours) | 194.5 | 99.6 | | |
| Sunniest Day (hours) | 14.4 | | 3 | |
| Days with Nil Sunshine | 0 | -4 | | |
| Mean Barometric Pressure (mb) | No | | | |
| Maxima (mb) | data | | | |
| Minima (mb) | available | | | |

Supplied by:

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Summary of Wind Data for :-

June 2011

| Force | Total | % |
|-----------------------------------|-------|------|
| Hours of Calm | 0 | 0.0% |
| Hours of 10 Knots (12mph) or over | 20 | 2.8% |
| Gusts of 34Knots (39mph) or over | 0 | |

Mean Wind Speed (Knots) 5.6

| Highest Hourly Mean Velocity | Knots | Date | Time |
|------------------------------|-------|------|------|
| | 12 | 23 | 13 |
| | | 23 | 14 |
| | | 25 | 13 |
| | | 30 | 17 |

Highest Gust 26 8 11

Percentage Time vs Wind Direction

