

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 :-

October 2016

| | | From norm | Day | Comments |
|-------------------------------|-----------|-----------|-----|----------|
| Mean Air Temp (°C) | 10.6 | 0.9 | | |
| Mean Air Maximum (°C) | 13.6 | 0.7 | | |
| Mean Air Minimum (°C) | 7.5 | 1.1 | | |
| Highest Maximum (°C) | 17.5 | | 4 | |
| Lowest Maximum (°C) | 10.3 | | 25 | |
| Highest Minimum (°C) | 12.0 | | 5 | |
| Lowest Minimum (°C) | 3.4 | | 23 | |
| Mean Grass Minimum (°C) | 3.3 | | | |
| Lowest Grass Minimum (°C) | -1.9 | | 23 | |
| Mean Concrete Minimum (°C) | 6.3 | | | |
| Lowest Concrete Minimum (°C) | 2.0 | | 23 | |
| Mean 10cm. Soil Temp (°C) | 10.2 | 0.4 | | |
| Mean 30cm. Soil Temp (°C) | 12.2 | 1.6 | | |
| Mean 100cm. Soil Temp (°C) | 13.4 | 1.5 | | |
| Air Frost (days) | 0 | -1 | | |
| Ground Frost (days) | 7 | 1 | | |
| Ice Days (below 0°C) | 0 | | | |
| Hot Days (over 21°C) | 0 | | | |
| Rainfall (mm) | 22.4 | -48.5 | | |
| Days with 0.2mm or more | 15 | -2 | | |
| Days with 1.0mm or more | 5 | -8 | | |
| Days with 5.0mm or more | 2 | | | |
| Greatest fall in one day (mm) | 7 | | 1 | |
| Relative Humidity (%) | 90 | | | |
| Sunshine (hours) | 99.1 | 11.7 | | |
| Sunniest Day (hours) | 8.8 | | 3 | |
| Days with Nil Sunshine | 2 | -5 | | |
| Mean Barometric Pressure (mb) | No | | | |
| Maxima (mb) | data | | | |
| Minima (mb) | available | | | |

Supplied by:

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Summary of Wind Data for :-

October 2016

| Force | Total | % |
|-----------------------------------|-------|------|
| Hours of Calm | 0 | 0.0% |
| Hours of 10 Knots (12mph) or over | 35 | 4.7% |
| Gusts of 34Knots (39mph) or over | 0 | |

Mean Wind Speed (Knots) 5.2

| Highest Hourly Mean Velocity | Knots | Date | Time |
|------------------------------|-------|------|------|
| | 14 | 5 | 10 |
| | | 5 | 11 |
| | | 5 | 12 |

Highest Gust 30 5 11

Percentage Time vs Wind Direction

