

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 2025

| | | From norm | Day | Comments |
|-------------------------------|-----------|-----------|-----|----------|
| Mean Air Temp (°C) | 10.8 | 1.1 | | |
| Mean Air Maximum (°C) | 13.3 | 0.4 | | |
| Mean Air Minimum (°C) | 8.2 | 1.8 | | |
| Highest Maximum (°C) | 19.0 | | 6 | |
| Lowest Maximum (°C) | 10.0 | | 25 | |
| Highest Minimum (°C) | 12.3 | | 3 | |
| Lowest Minimum (°C) | 2.2 | | 26 | |
| Mean Grass Minimum (°C) | 6.9 | | | |
| Lowest Grass Minimum (°C) | -1.4 | | 26 | |
| Mean Concrete Minimum (°C) | 8.4 | | | |
| Lowest Concrete Minimum (°C) | 3.3 | | 24 | |
| Mean 10cm. Soil Temp (°C) | 11.2 | | | |
| Mean 30cm. Soil Temp (°C) | 12.5 | | | |
| Mean 100cm. Soil Temp (°C) | 13.4 | | | |
| Air Frost (days) | 0 | -1 | | |
| Ground Frost (days) | 2 | -4 | | |
| Ice Days (below 0°C) | 0 | | | |
| Hot Days (over 21°C) | 0 | | | |
| Rainfall (mm) | 74.4 | | | |
| Days with 0.2mm or more | 19 | | | |
| Days with 1.0mm or more | 14 | | | |
| Days with 5.0mm or more | 5 | | | |
| Greatest fall in one day (mm) | 13.8 | | 3 | |
| Relative Humidity (%) | 89 | | | |
| Sunshine (hours) | 0.0 | | | |
| Sunniest Day (hours) | - | | | |
| Days with Nil Sunshine | - | - | | |
| Mean Barometric Pressure (mb) | No | | | |
| Maxima (mb) | Data | | | |
| Minima (mb) | Available | | | |

Supplied by:

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Summary of Wind Data for :-

October 2025

| Force | Total | % |
|-----------------------------------|--------------|----------|
| Hours of Calm | No | |
| Hours of 10 Knots (12mph) or over | Data | |
| Gusts of 34Knots (39mph) or over | Available | |

Mean Wind Speed (Knots) -

| Highest Hourly Mean Velocity | Knots | Date | Time |
|-------------------------------------|--------------|-------------|-------------|
| | No | - | - |
| | Data | | |
| | Available | | |

| | |
|---------------------|-----------|
| Highest Gust | No |
| | Data |
| | Available |

Percentage Time vs Wind Direction

