

## 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 :-

November 2015

		From norm	Day	Comments
Mean Air Temp (°C)	8.5	2.8		
Mean Air Maximum (°C)	11.4	3.1		
Mean Air Minimum (°C)	5.6	2.5		
Highest Maximum (°C)	15.9		10	
Lowest Maximum (°C)	3.2		21	
Highest Minimum (°C)	12.2		11	
Lowest Minimum (°C)	-2.4		22	
Mean Grass Minimum (°C)	4.1			
Lowest Grass Minimum (°C)	-3.6		23	
Mean Concrete Minimum (°C)	5.5			
Lowest Concrete Minimum (°C)	-1.7		22	
Mean 10cm. Soil Temp (°C)	8.1	2.6		
Mean 30cm. Soil Temp (°C)	9.9	3.0		
Mean 100cm. Soil Temp (°C)	11.1	1.5		
Air Frost (days)	4	-2		
Ground Frost (days)	5	-8		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	96.8	20.0		
Days with 0.2mm or more	28	11		
Days with 1.0mm or more	23	10		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	10.6		6	
Relative Humidity (%)	98			
Sunshine (hours)	34.6	-21.6		
Sunniest Day (hours)	6.2		21	
Days with Nil Sunshine	10	-1		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

### Supplied by:

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## Summary of Wind Data for :-

November 2015

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	168	23.3%
Gusts of 34Knots (39mph) or over	18	

**Mean Wind Speed (Knots)** 7.3

Highest Hourly Mean Velocity	Knots	Date	Time
	21	17	18

<b>Highest Gust</b>	47	17	18
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## Percentage Time vs Wind Direction

