

# 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 2023**

		From norm	Day	Comments
Mean Air Temp (°C)	6.8	1.1		
Mean Air Maximum (°C)	9.6	1.3		
Mean Air Minimum (°C)	4.0	0.9		
Highest Maximum (°C)	13.3		18	
Lowest Maximum (°C)	3.0		29	
Highest Minimum (°C)	9.1		19	
Lowest Minimum (°C)	-2.8		30	
Mean Grass Minimum (°C)	1.7			
Lowest Grass Minimum (°C)	-7.1		30	
Mean Concrete Minimum (°C)	4.2			
Lowest Concrete Minimum (°C)	-1.6		30	
Mean 10cm. Soil Temp (°C)	8.2	2.7		
Mean 30cm. Soil Temp (°C)	9.1	2.2		
Mean 100cm. Soil Temp (°C)	11.0	1.4		
Air Frost (days)	4	-2		
Ground Frost (days)	9	-4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	73.4	-3.4		
Days with 0.2mm or more	22	5		
Days with 1.0mm or more	19	6		
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	11.4		26	
Relative Humidity (%)	93			
Sunshine (hours)	79.7	23.5		
Sunniest Day (hours)	6.6		29	
Days with Nil Sunshine	2	-9		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

## Summary of Wind Data for :-

November 2023

Force	Total	%
Hours of Calm	0	
Hours of 10 Knots (12mph) or over	58	
Gusts of 34Knots (39mph) or over	2	

**Mean Wind Speed (Knots)** 5.6

	Knots	Date	Time
<b>Highest Hourly Mean Velocity</b>	16	13	12
<b>Highest Gust</b>	36	13	12

## Percentage Time vs Wind Direction

