

## 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 :-

**March 2024**

		From norm	Day	Comments
Mean Air Temp (°C)	7.4	2.4		
Mean Air Maximum (°C)	10.6	2.4		
Mean Air Minimum (°C)	4.2	2.4		
Highest Maximum (°C)	15.1		17	
Lowest Maximum (°C)	6.7		2	
Highest Minimum (°C)	9.5		14	
Lowest Minimum (°C)	-1.8		3	
Mean Grass Minimum (°C)	2.6			
Lowest Grass Minimum (°C)	-5.1		3	
Mean Concrete Minimum (°C)	4.3			
Lowest Concrete Minimum (°C)	-0.8		3	
Mean 10cm. Soil Temp (°C)	6.5	1.8		
Mean 30cm. Soil Temp (°C)	7.8	3.3		
Mean 100cm. Soil Temp (°C)	7.7	2.6		
Air Frost (days)	2	-7		
Ground Frost (days)	9	-8		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	85.6	29.3		
Days with 0.2mm or more	25	9		
Days with 1.0mm or more	19	7		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	11.2		16	
Relative Humidity (%)	91			
Sunshine (hours)	9.9	-82.0		
Sunniest Day (hours)	2.9		3	
Days with Nil Sunshine	0	-7		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

## Summary of Wind Data for :-

March 2024

Force	Total	%	
Hours of Calm	0		
Hours of 10 Knots (12mph) or over	12		
Gusts of 34Knots (39mph) or over	0		
<b>Mean Wind Speed (Knots)</b>	0.8		
<b>Highest Hourly Mean Velocity</b>	<b>Knots</b>	<b>Date</b>	<b>Time</b>
	14	3	9
<b>Highest Gust</b>	32	3	8

## Percentage Time vs Wind Direction

