

# 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 :-

**May 2019**

		From norm	Day	Comments
Mean Air Temp (°C)	10.9	0.3		
Mean Air Maximum (°C)	15.1	0.5		
Mean Air Minimum (°C)	6.7	0.2		
Highest Maximum (°C)	19.5		30	
Lowest Maximum (°C)	8.4		9	
Highest Minimum (°C)	13.4		26	
Lowest Minimum (°C)	2.3		4	
Mean Grass Minimum (°C)	4.6			
Lowest Grass Minimum (°C)	-1.8		12	
Mean Concrete Minimum (°C)	7.1			
Lowest Concrete Minimum (°C)	2.7		12	
Mean 10cm. Soil Temp (°C)	12.0	-0.3		
Mean 30cm. Soil Temp (°C)	12.5	1.8		
Mean 100cm. Soil Temp (°C)	10.7	2.0		
Air Frost (days)	0	0		
Ground Frost (days)	2	-2		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	47.4	-15.2		
Days with 0.2mm or more	16	0		
Days with 1.0mm or more	11	-1		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	11.6		27	
Relative Humidity (%)	77			
Sunshine (hours)	187.7	13.0		
Sunniest Day (hours)	14.0		15	
Days with Nil Sunshine	2	-1		

## Summary of Wind Data for :-

May 2019

Force	Total	%
Hours of Calm	2	0.3%
Hours of 10 Knots (12mph) or over	25	3.4%
Gusts of 34Knots (39mph) or over	0	

**Mean Wind Speed (Knots)** 5.2

	Knots	Date	Time
<b>Highest Hourly Mean Velocity</b>	14	26	14

<b>Highest Gust</b>	28	26	14
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## Percentage Time vs Wind Direction

