

# 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 2022**

		From norm	Day	Comments
Mean Air Temp (°C)	12.4	1.8		
Mean Air Maximum (°C)	16.2	1.6		
Mean Air Minimum (°C)	8.6	2.1		
Highest Maximum (°C)	20.6		17	
Lowest Maximum (°C)	12.0		1	
Highest Minimum (°C)	12.1		16	
Lowest Minimum (°C)	6.5		1 & 28	
Mean Grass Minimum (°C)	6.6			
Lowest Grass Minimum (°C)	2.7		19	
Mean Concrete Minimum (°C)	8.6			
Lowest Concrete Minimum (°C)	5.7		12	
Mean 10cm. Soil Temp (°C)	12.8	0.5		
Mean 30cm. Soil Temp (°C)	13.0	2.3		
Mean 100cm. Soil Temp (°C)	11.0	2.3		
Air Frost (days)	0	0		
Ground Frost (days)	0	-4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	56.2	-6.4		
Days with 0.2mm or more	19	3		
Days with 1.0mm or more	14	2		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	7.4		23	
Relative Humidity (%)	81			
Sunshine (hours)	155.8	-18.9		
Sunniest Day (hours)	11.2		13	
Days with Nil Sunshine	2	-1		
Mean Barometric Pressure (mb)	0.0			
Maxima (mb)	0.0			
Minima (mb)	0.0			

## Summary of Wind Data for :-

May 2022

Force	Total	%
Hours of Calm	9	
Hours of 10 Knots (12mph) or over	40	
Gusts of 34Knots (39mph) or over	0	

**Mean Wind Speed (Knots)** 5.2

	Knots	Date	Time
<b>Highest Hourly Mean Velocity</b>	13	10	14
<b>Highest Gust</b>	28	13	14

## Percentage Time vs Wind Direction

