

# 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 2021**

		From norm	Day	Comments
Mean Air Temp (°C)	7.0	1.3		
Mean Air Maximum (°C)	9.9	1.6		
Mean Air Minimum (°C)	4.0	0.9		
Highest Maximum (°C)	14.1		9	
Lowest Maximum (°C)	1.2		28	
Highest Minimum (°C)	9.5		13 & 19	
Lowest Minimum (°C)	-4.1		29	
Mean Grass Minimum (°C)	2.4			
Lowest Grass Minimum (°C)	-10.0		29	
Mean Concrete Minimum (°C)	4.8			
Lowest Concrete Minimum (°C)	-0.9		28	
Mean 10cm. Soil Temp (°C)	7.7	2.2		
Mean 30cm. Soil Temp (°C)	9.7	2.8		
Mean 100cm. Soil Temp (°C)	11.1	1.5		
Air Frost (days)	5	-1		
Ground Frost (days)	10	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	47.2	-29.6		
Days with 0.2mm or more	19	2		
Days with 1.0mm or more	10	-3		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	12.8		26	
Relative Humidity (%)	91			
Sunshine (hours)	64.5	8.3		
Sunniest Day (hours)	5.7		2	
Days with Nil Sunshine	1	-10		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

**Supplied by:**

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## Summary of Wind Data for :-

November 2021

Force	Total	%
Hours of Calm	0	
Hours of 10 Knots (12mph) or over	71	
Gusts of 34Knots (39mph) or over	16	

**Mean Wind Speed (Knots)** 5.6

	Knots	Date	Time
<b>Highest Hourly Mean Velocity</b>	22	26	23

<b>Highest Gust</b>	46	26	23
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## Percentage Time vs Wind Direction

