

## 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 2017

		From norm	Day	Comments
Mean Air Temp (°C)	12.7	2.1		
Mean Air Maximum (°C)	17.2	2.6		
Mean Air Minimum (°C)	8.1	1.6		
Highest Maximum (°C)	25.8		25 & 26	
Lowest Maximum (°C)	11.6		6	
Highest Minimum (°C)	14.4		27	
Lowest Minimum (°C)	2.1		10	
Mean Grass Minimum (°C)	5.8			
Lowest Grass Minimum (°C)	-2.7		8	
Mean Concrete Minimum (°C)	8.5			
Lowest Concrete Minimum (°C)	3.2		10	
Mean 10cm. Soil Temp (°C)	12.8	0.5		
Mean 30cm. Soil Temp (°C)	12.9	2.2		
Mean 100cm. Soil Temp (°C)	11.1	2.4		
Air Frost (days)	0	0		
Ground Frost (days)	3	-1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	5			
Rainfall (mm)	25.4	-37.2		
Days with 0.2mm or more	14	-2		
Days with 1.0mm or more	8	-4		
Days with 5.0mm or more	0			
Greatest fall in one day (mm)	4.4		13	
Relative Humidity (%)	77			
Sunshine (hours)	204.8	30.1		
Sunniest Day (hours)	13.3		25	
Days with Nil Sunshine	2	-1		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

#### Supplied by:

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## Summary of Wind Data for :-

May 2017

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	46	6.2%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.6

Highest Hourly Mean Velocity	Knots	Date	Time
	13	3	9
		4	9
		4	10
		4	18
		4	19
		5	16

Highest Gust 30 4 10

## Percentage Time vs Wind Direction

