

## 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 2015**

		From norm	Day	Comments
Mean Air Temp (°C)	10.1	-0.5		
Mean Air Maximum (°C)	13.6	-1.0		
Mean Air Minimum (°C)	6.6	0.1		
Highest Maximum (°C)	17.7		11	
Lowest Maximum (°C)	10.2		2	
Highest Minimum (°C)	10.8		11	
Lowest Minimum (°C)	2.4		1	
Mean Grass Minimum (°C)	4.4			
Lowest Grass Minimum (°C)	-0.9		1	
Mean Concrete Minimum (°C)	6.8			
Lowest Concrete Minimum (°C)	1.8		1	
Mean 10cm. Soil Temp (°C)	11.1	-1.2		
Mean 30cm. Soil Temp (°C)	11.6	0.9		
Mean 100cm. Soil Temp (°C)	10.4	1.7		
Air Frost (days)	0	0		
Ground Frost (days)	1	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	90	27.4		
Days with 0.2mm or more	21	5		
Days with 1.0mm or more	15	3		
Days with 5.0mm or more	8			
Greatest fall in one day (mm)	15		2	
Relative Humidity (%)	81			
Sunshine (hours)	158.5	-16.2		
Sunniest Day (hours)	9.8		12	
Days with Nil Sunshine	0	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

### Supplied by:

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## Summary of Wind Data for :-

May 2015

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	146	19.6%
Gusts of 34Knots (39mph) or over	2	

Mean Wind Speed (Knots) 6.9

Highest Hourly Mean Velocity	Knots	Date	Time
	18	5	9

Highest Gust	Knots	Date	Time
	38	5	9

## Percentage Time vs Wind Direction

