

## 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 :-

January 2015

		From norm	Day	Comments
Mean Air Temp (°C)	3.4	0.5		
Mean Air Maximum (°C)	6.3	1.0		
Mean Air Minimum (°C)	0.5	0.1		
Highest Maximum (°C)	13.1		9	
Lowest Maximum (°C)	1.7		29	
Highest Minimum (°C)	7.3		10	
Lowest Minimum (°C)	-3.8		4	
Mean Grass Minimum (°C)	-0.9			
Lowest Grass Minimum (°C)	-7.9		4	
Mean Concrete Minimum (°C)	-0.6			
Lowest Concrete Minimum (°C)	-6.1		4	
Mean 10cm. Soil Temp (°C)	3.5	1.0		
Mean 30cm. Soil Temp (°C)	4.9	1.6		
Mean 100cm. Soil Temp (°C)	6.9	1.2		
Air Frost (days)	13	-1		
Ground Frost (days)	20	-1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	62	-9.0		
Days with 0.2mm or more	25	7		
Days with 1.0mm or more	21	8		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	10		30	
Relative Humidity (%)	91			
Sunshine (hours)	76.6	32.6		
Sunniest Day (hours)	5.8		19	
Days with Nil Sunshine	4	-10		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

#### Supplied by:

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## Summary of Wind Data for :-

January 2015

Force	Total	%
Hours of Calm	9	1.2%
Hours of 10 Knots (12mph) or over	191	25.7%
Gusts of 34Knots (39mph) or over	15	

Mean Wind Speed (Knots) 7.1

Highest Hourly Mean Velocity	Knots	Date	Time
	20	10	5
		10	6

Highest Gust 44 10 4

## Percentage Time vs Wind Direction

