

## 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 :-

April 2014

		From norm	Day	Comments
Mean Air Temp (°C)	9.8	2.5		
Mean Air Maximum (°C)	13.7	2.7		
Mean Air Minimum (°C)	5.9	2.4		
Highest Maximum (°C)	18.3		21	
Lowest Maximum (°C)	10.6		25	
Highest Minimum (°C)	9.6		30	
Lowest Minimum (°C)	2.1		18	
Mean Grass Minimum (°C)	3.8			
Lowest Grass Minimum (°C)	-1.3		18	
Mean Concrete Minimum (°C)	5.3			
Lowest Concrete Minimum (°C)	1.4		18	
Mean 10cm. Soil Temp (°C)	9.6	1.6		
Mean 30cm. Soil Temp (°C)	10.1	2.9		
Mean 100cm. Soil Temp (°C)	8.9	2.5		
Air Frost (days)	0	-4		
Ground Frost (days)	3	-10		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	50.6	-4.4		
Days with 0.2mm or more	16	1		
Days with 1.0mm or more	11	0		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	14.4		25	
Relative Humidity (%)	82			
Sunshine (hours)	151.8	21.8		
Sunniest Day (hours)	11.1		15	
Days with Nil Sunshine	0	-4		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

#### Supplied by:

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**Summary of Wind Data for :-**

**April 2014**

Force	Total	%
Hours of Calm	140	19.4%
Hours of 10 Knots (12mph) or over	69	9.6%
Gusts of 34Knots (39mph) or over	0	

**Mean Wind Speed (Knots)** 5.1

Highest Hourly Mean Velocity	Knots	Date	Time
	15	20	18

<b>Highest Gust</b>	30	20	11
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**Percentage Time vs Wind Direction**

