

## 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 2016

		From norm	Day	Comments
Mean Air Temp (°C)	4.7	1.8		
Mean Air Maximum (°C)	7.5	2.2		
Mean Air Minimum (°C)	1.9	1.5		
Highest Maximum (°C)	13.1		25	
Lowest Maximum (°C)	2.0		17	
Highest Minimum (°C)	8.6		25	
Lowest Minimum (°C)	-2.7		16	
Mean Grass Minimum (°C)	0.9			
Lowest Grass Minimum (°C)	-3.5		21	
Mean Concrete Minimum (°C)	2.0			
Lowest Concrete Minimum (°C)	-2.7		16	
Mean 10cm. Soil Temp (°C)	4.5	2.0		
Mean 30cm. Soil Temp (°C)	6.1	2.8		
Mean 100cm. Soil Temp (°C)	7.9	2.2		
Air Frost (days)	9	-5		
Ground Frost (days)	15	-6		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	115.6	44.6		
Days with 0.2mm or more	28	10		
Days with 1.0mm or more	24	11		
Days with 5.0mm or more	8			
Greatest fall in one day (mm)	14.2		6	
Relative Humidity (%)	100			
Sunshine (hours)	48.6	4.6		
Sunniest Day (hours)	5.3		30	
Days with Nil Sunshine	9	-5		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

School of Earth Sciences and Geography, Keele University  
Keele, Staffordshire, ST5 5BG

tel : 01782 583169  
email : m.b.edge@keele.ac.uk

**Summary of Wind Data for :-**

**January 2016**

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	118	15.9%
Gusts of 34Knots (39mph) or over	5	

**Mean Wind Speed (Knots)** 6.6

Highest Hourly Mean Velocity	Knots	Date	Time
	18	29	0

<b>Highest Gust</b>	36	29	1
---------------------	----	----	---

**Percentage Time vs Wind Direction**

