

## 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 :-

**March 2014**

		From norm	Day	Comments
Mean Air Temp (°C)	7.0	4.1		
Mean Air Maximum (°C)	10.9	5.4		
Mean Air Minimum (°C)	3.0	2.8		
Highest Maximum (°C)	15.8		29	
Lowest Maximum (°C)	6.8		25	
Highest Minimum (°C)	7.8		30	
Lowest Minimum (°C)	-1.6		24	
Mean Grass Minimum (°C)	1.0			
Lowest Grass Minimum (°C)	-4.9		24	
Mean Concrete Minimum (°C)	1.8			
Lowest Concrete Minimum (°C)	-2.1		24	
Mean 10cm. Soil Temp (°C)	5.5	3.0		
Mean 30cm. Soil Temp (°C)	6.8	3.6		
Mean 100cm. Soil Temp (°C)	7.0	2.1		
Air Frost (days)	3	-10		
Ground Frost (days)	14	-6		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	54.8	3.9		
Days with 0.2mm or more	19	4		
Days with 1.0mm or more	12	2		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	8.6		28	
Relative Humidity (%)	87			
Sunshine (hours)	159.5	102.3		
Sunniest Day (hours)	9.6		9	
Days with Nil Sunshine	0	-10		
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 :-**

**March 2014**

Force	Total	%
Hours of Calm	56	7.5%
Hours of 10 Knots (12mph) or over	111	14.9%
Gusts of 34Knots (39mph) or over	1	

**Mean Wind Speed (Knots)** 5.9

Highest Hourly Mean Velocity	Knots	Date	Time
	16	16	1

**Highest Gust** 34 18 16

**Percentage Time vs Wind Direction**

