

## 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 :-

July 2013

		From norm	Day	Comments
Mean Air Temp (°C)	17.8	2.7		
Mean Air Maximum (°C)	22.8	3.8		
Mean Air Minimum (°C)	12.7	1.6		
Highest Maximum (°C)	29.7		19	
Lowest Maximum (°C)	14.1		2	
Highest Minimum (°C)	16.9		23	
Lowest Minimum (°C)	8.8		2	
Mean Grass Minimum (°C)	10.7			
Lowest Grass Minimum (°C)	5.7		5	
Mean Concrete Minimum (°C)	12.4			
Lowest Concrete Minimum (°C)	8.3		5	
Mean 10cm. Soil Temp (°C)	17.0	-0.4		
Mean 30cm. Soil Temp (°C)	18.2	2.7		
Mean 100cm. Soil Temp (°C)	15.0	2.0		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	23			
Rainfall (mm)	92.4	27.0		
Days with 0.2mm or more	11	-3		
Days with 1.0mm or more	9	-2		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	37.8		27	
Relative Humidity (%)	83			
Sunshine (hours)	157.4	-7.9		
Sunniest Day (hours)	13.3		23	
Days with Nil Sunshine	0	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

#### Supplied by:

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## Summary of Wind Data for :-

July 2013

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	12	1.6%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.2

Highest Hourly Mean Velocity	Knots	Date	Time
	12	12	12
		12	13

Highest Gust 25 18 17

## Percentage Time vs Wind Direction

