

## 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 :-

June 2012

		From norm	Day	Comments
Mean Air Temp (°C)	13.1	-0.2		
Mean Air Maximum (°C)	16.3	-1.1		
Mean Air Minimum (°C)	9.8	0.6		
Highest Maximum (°C)	22.9		28	
Lowest Maximum (°C)	11.4		3	
Highest Minimum (°C)	16.0		28	
Lowest Minimum (°C)	5.2		4	
Mean Grass Minimum (°C)	8.8			
Lowest Grass Minimum (°C)	3.2		5	
Mean Concrete Minimum (°C)	10.7			
Lowest Concrete Minimum (°C)	6.9		4	
Mean 10cm. Soil Temp (°C)	14.8	-1.0		
Mean 30cm. Soil Temp (°C)	14.6	0.8		
Mean 100cm. Soil Temp (°C)	12.9	1.8		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	2			
Rainfall (mm)	128.8	60.1		
Days with 0.2mm or more	20	5		
Days with 1.0mm or more	15	4		
Days with 5.0mm or more	8			
Greatest fall in one day (mm)	26.6		7	
Relative Humidity (%)	81			
Sunshine (hours)	110.1	15.2		
Sunniest Day (hours)	10.3		18	
Days with Nil Sunshine	2	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

#### Supplied by:

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## Summary of Wind Data for :-

June 2012

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	73	10.1%
Gusts of 34Knots (39mph) or over	0	

**Mean Wind Speed (Knots)** 6.1

Highest Hourly Mean Velocity	Knots	Date	Time
	15	22	18

Highest Gust	30	22	11
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## Percentage Time vs Wind Direction

