

## 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 :-

February 2015

		From norm	Day	Comments
Mean Air Temp (°C)	3.4	0.6		
Mean Air Maximum (°C)	6.1	1.6		
Mean Air Minimum (°C)	0.7	0.5		
Highest Maximum (°C)	11.0		25	
Lowest Maximum (°C)	1.5		2	
Highest Minimum (°C)	5.5		26	
Lowest Minimum (°C)	-2.8		4	
Mean Grass Minimum (°C)	-1.2			
Lowest Grass Minimum (°C)	-6.6		2	
Mean Concrete Minimum (°C)	0.1			
Lowest Concrete Minimum (°C)	-5.0		2	
Mean 10cm. Soil Temp (°C)	3.1	0.6		
Mean 30cm. Soil Temp (°C)	4.2	1.0		
Mean 100cm. Soil Temp (°C)	5.8	0.9		
Air Frost (days)	12	-1		
Ground Frost (days)	17	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	30.8	-20.1		
Days with 0.2mm or more	16	1		
Days with 1.0mm or more	8	-2		
Days with 5.0mm or more	1			
Greatest fall in one day (mm)	5		22	
Relative Humidity (%)	91			
Sunshine (hours)	78.6	21.4		
Sunniest Day (hours)	7.2		3	
Days with Nil Sunshine	4	-6		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

#### Supplied by:

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## Summary of Wind Data for :-

February 2015

Force	Total	%
Hours of Calm	5	0.7%
Hours of 10 Knots (12mph) or over	61	9.1%
Gusts of 34Knots (39mph) or over	1	

Mean Wind Speed (Knots) 6.0

Highest Hourly Mean Velocity	Knots	Date	Time
	16	1	1

Highest Gust	34	1	2
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## Percentage Time vs Wind Direction

