

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 :-

October 2013

		From norm	Day	Comments
Mean Air Temp (°C)	11.6	1.9		
Mean Air Maximum (°C)	14.4	1.5		
Mean Air Minimum (°C)	8.8	2.4		
Highest Maximum (°C)	19.5		8	
Lowest Maximum (°C)	9.7		13	
Highest Minimum (°C)	14.3		4	
Lowest Minimum (°C)	2.6		30	
Mean Grass Minimum (°C)	7.4			
Lowest Grass Minimum (°C)	-0.9		30	
Mean Concrete Minimum (°C)	8.3			
Lowest Concrete Minimum (°C)	2.2		30	
Mean 10cm. Soil Temp (°C)	12.0	2.2		
Mean 30cm. Soil Temp (°C)	12.8	2.2		
Mean 100cm. Soil Temp (°C)	13.1	1.2		
Air Frost (days)	0	-1		
Ground Frost (days)	1	-5		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	119.2	48.3		
Days with 0.2mm or more	26	9		
Days with 1.0mm or more	20	7		
Days with 5.0mm or more	10			
Greatest fall in one day (mm)	15.6		20	
Relative Humidity (%)	91			
Sunshine (hours)	80.5	-6.9		
Sunniest Day (hours)	7.2		6	
Days with Nil Sunshine	1	-6		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

October 2013

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	114	15.3%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.3

Highest Hourly Mean Velocity **Knots** **Date** **Time**
 14 16 12

Highest Gust 31 27 11

Percentage Time vs Wind Direction

