

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 :-

November 2013

		From norm	Day	Comments
Mean Air Temp (°C)	5.6	-0.1		
Mean Air Maximum (°C)	8.4	0.1		
Mean Air Minimum (°C)	2.8	-0.3		
Highest Maximum (°C)	12.5		11	
Lowest Maximum (°C)	5.4		23	
Highest Minimum (°C)	6.8		18	
Lowest Minimum (°C)	-1.5		20 & 23	
Mean Grass Minimum (°C)	0.8			
Lowest Grass Minimum (°C)	-5.3		23	
Mean Concrete Minimum (°C)	1.9			
Lowest Concrete Minimum (°C)	-2.7		26	
Mean 10cm. Soil Temp (°C)	6.6	1.1		
Mean 30cm. Soil Temp (°C)	7.8	0.9		
Mean 100cm. Soil Temp (°C)	9.9	0.3		
Air Frost (days)	4	-2		
Ground Frost (days)	16	3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	72.4	-4.4		
Days with 0.2mm or more	24	7		
Days with 1.0mm or more	13	0		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	17.4		1	
Relative Humidity (%)	92			
Sunshine (hours)	69.9	13.7		
Sunniest Day (hours)	5.9		22	
Days with Nil Sunshine	5	-6		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

November 2013

Force	Total	%
Hours of Calm	15	2.1%
Hours of 10 Knots (12mph) or over	68	9.4%
Gusts of 34Knots (39mph) or over	4	

Mean Wind Speed (Knots) 5.4

Highest Hourly Mean Velocity	Knots	Date	Time
	17	29	11

Highest Gust	Knots	Date	Time
	36	14	8
		14	13

Percentage Time vs Wind Direction

