

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 2012

		From norm	Day	Comments
Mean Air Temp (°C)	6.1	0.4		
Mean Air Maximum (°C)	8.9	0.6		
Mean Air Minimum (°C)	3.2	0.1		
Highest Maximum (°C)	13.7		20	
Lowest Maximum (°C)	3.7		30	
Highest Minimum (°C)	9.2		14	
Lowest Minimum (°C)	-2.3		30	
Mean Grass Minimum (°C)	1.4			
Lowest Grass Minimum (°C)	-6.4		30	
Mean Concrete Minimum (°C)	2.7			
Lowest Concrete Minimum (°C)	-3.3		30	
Mean 10cm. Soil Temp (°C)	6.1	0.6		
Mean 30cm. Soil Temp (°C)	7.9	1.0		
Mean 100cm. Soil Temp (°C)	9.5	-0.1		
Air Frost (days)	3	-3		
Ground Frost (days)	11	-2		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	91	14.2		
Days with 0.2mm or more	19	2		
Days with 1.0mm or more	12	-1		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	28.4		24	
Relative Humidity (%)	93			
Sunshine (hours)	69.7	13.5		
Sunniest Day (hours)	5.6		5	
Days with Nil Sunshine	1	-10		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Summary of Wind Data for :-

November 2012

Force	Total	%
Hours of Calm	1	0.1%
Hours of 10 Knots (12mph) or over	61	8.5%
Gusts of 34Knots (39mph) or over	1	

Mean Wind Speed (Knots) 5.3

Highest Hourly Mean Velocity	Knots	Date	Time
	14	25	7
		25	9

Highest Gust 35 22 17

Percentage Time vs Wind Direction

