

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 2011

		From norm	Day	Comments
Mean Air Temp (°C)	8.6	2.9		Record
Mean Air Maximum (°C)	11.1	2.8		
Mean Air Minimum (°C)	6.1	3.0		
Highest Maximum (°C)	14.1		3 & 4	
Lowest Maximum (°C)	7.7		20	
Highest Minimum (°C)	10.8		4	
Lowest Minimum (°C)	1.2		7	
Mean Grass Minimum (°C)	5.2			
Lowest Grass Minimum (°C)	-2.2		7	
Mean Concrete Minimum (°C)	5.7			
Lowest Concrete Minimum (°C)	-0.1		7	
Mean 10cm. Soil Temp (°C)	8.1	2.6		
Mean 30cm. Soil Temp (°C)	9.6	2.7		
Mean 100cm. Soil Temp (°C)	10.7	1.1		
Air Frost (days)	0	-6		
Ground Frost (days)	3	-10		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	32.4	-44.4		
Days with 0.2mm or more	15	-2		
Days with 1.0mm or more	10	-3		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	8		4	
Relative Humidity (%)	95			
Sunshine (hours)	52.4	-3.8		
Sunniest Day (hours)	6.5		6	
Days with Nil Sunshine	6	-5		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Summary of Wind Data for :-

November 2011

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	61	8.5%
Gusts of 34Knots (39mph) or over	5	

Mean Wind Speed (Knots) 6.4

Highest Hourly Mean Velocity	Knots	Date	Time
	16	27	1
		27	5

Highest Gust 40 27

Percentage Time vs Wind Direction

