

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 2016

		From norm	Day	Comments
Mean Air Temp (°C)	5.1	-0.6		
Mean Air Maximum (°C)	8.0	-0.3		
Mean Air Minimum (°C)	2.2	-0.9		
Highest Maximum (°C)	13.8		14	
Lowest Maximum (°C)	3.7		8	
Highest Minimum (°C)	9.5		15	
Lowest Minimum (°C)	-3.3		30	
Mean Grass Minimum (°C)	0.6			
Lowest Grass Minimum (°C)	-4.1		29	
Mean Concrete Minimum (°C)	1.5			
Lowest Concrete Minimum (°C)	-3.0		30	
Mean 10cm. Soil Temp (°C)	5.5	0.0		
Mean 30cm. Soil Temp (°C)	7.9	1.0		
Mean 100cm. Soil Temp (°C)	10.3	0.7		
Air Frost (days)	6	0		
Ground Frost (days)	14	1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	81.4	4.6		
Days with 0.2mm or more	21	4		
Days with 1.0mm or more	12	-1		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	18.2		21	
Relative Humidity (%)	91			
Sunshine (hours)	76.5	20.3		
Sunniest Day (hours)	6.8		2	
Days with Nil Sunshine	4	-7		
Mean Barometric Pressure (mb)		No		
Maxima (mb)		data		
Minima (mb)		available		

Summary of Wind Data for :-

November 2016

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	53	7.4%
Gusts of 34Knots (39mph) or over	4	

Mean Wind Speed (Knots) 5.5

Highest Hourly Mean Velocity	Knots	Date	Time
	17	21	14
		21	15

Highest Gust 36 21 13

Percentage Time vs Wind Direction

