

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 2015

		From norm	Day	Comments
Mean Air Temp (°C)	10.6	0.9		
Mean Air Maximum (°C)	13.8	0.9		
Mean Air Minimum (°C)	7.4	1.0		
Highest Maximum (°C)	18.7		5	
Lowest Maximum (°C)	10.1		25	
Highest Minimum (°C)	12.8		6	
Lowest Minimum (°C)	2.3		25	
Mean Grass Minimum (°C)	4.1			
Lowest Grass Minimum (°C)	-1.3		25	
Mean Concrete Minimum (°C)	6.8			
Lowest Concrete Minimum (°C)	2.2		25	
Mean 10cm. Soil Temp (°C)	10.1	0.3		
Mean 30cm. Soil Temp (°C)	11.9	1.3		
Mean 100cm. Soil Temp (°C)	12.6	0.7		
Air Frost (days)	0	-1		
Ground Frost (days)	4	-2		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	42.6	-28.3		
Days with 0.2mm or more	12	-5		
Days with 1.0mm or more	10	-3		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	12.6		6	
Relative Humidity (%)	95			
Sunshine (hours)	86.6	-0.8		
Sunniest Day (hours)	8.2		1	
Days with Nil Sunshine	2	-5		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

October 2015

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	42	5.6%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.8

Highest Hourly Mean Velocity	Knots	Date	Time
	13	5	5
		5	6
		22	13

Highest Gust 27 5 6

Percentage Time vs Wind Direction

