

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 2014

		From norm	Day	Comments
Mean Air Temp (°C)	11.6	1.9		
Mean Air Maximum (°C)	14.4	1.5		
Mean Air Minimum (°C)	8.7	2.3		
Highest Maximum (°C)	18.6		3	
Lowest Maximum (°C)	10.6		21	
Highest Minimum (°C)	14.5		18	
Lowest Minimum (°C)	2.1		12	
Mean Grass Minimum (°C)	6.6			
Lowest Grass Minimum (°C)	-1.0		12	
Mean Concrete Minimum (°C)	8.4			
Lowest Concrete Minimum (°C)	3.6		12	
Mean 10cm. Soil Temp (°C)	11.5	1.7		
Mean 30cm. Soil Temp (°C)	12.8	2.2		
Mean 100cm. Soil Temp (°C)	13.6	1.7		
Air Frost (days)	0	-1		
Ground Frost (days)	2	-4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	86.4	15.5		
Days with 0.2mm or more	24	7		
Days with 1.0mm or more	17	4		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	14.6		5	
Relative Humidity (%)	94			
Sunshine (hours)	66.9	-20.5		
Sunniest Day (hours)	5.3		4	
Days with Nil Sunshine	5	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

October 2014

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	48	6.5%
Gusts of 34Knots (39mph) or over	7	

Mean Wind Speed (Knots) 5.5

Highest Hourly Mean Velocity	Knots	Date	Time
	18	21	15

Highest Gust	38	21	12
		21	15

Percentage Time vs Wind Direction

