

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 2017

		From norm	Day	Comments
Mean Air Temp (°C)	11.7	2.0		
Mean Air Maximum (°C)	14.5	1.6		
Mean Air Minimum (°C)	8.8	2.4		
Highest Maximum (°C)	19.2		13	
Lowest Maximum (°C)	9.4		30	
Highest Minimum (°C)	15.3		14	
Lowest Minimum (°C)	0.8		30	
Mean Grass Minimum (°C)	6.8			
Lowest Grass Minimum (°C)	-3.2		30	
Mean Concrete Minimum (°C)	8.4			
Lowest Concrete Minimum (°C)	1.6		30	
Mean 10cm. Soil Temp (°C)	11.6	1.8		
Mean 30cm. Soil Temp (°C)	13.1	2.5		
Mean 100cm. Soil Temp (°C)	13.4	1.5		
Air Frost (days)	0	-1		
Ground Frost (days)	3	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	56.2	-14.7		
Days with 0.2mm or more	19	2		
Days with 1.0mm or more	10	-3		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	17.6		19	
Relative Humidity (%)	90			
Sunshine (hours)	72.6	-14.8		
Sunniest Day (hours)	5.9		27	
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 2017

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	99	13.3%
Gusts of 34Knots (39mph) or over	3	

Mean Wind Speed (Knots) 6.2

Highest Hourly Mean Velocity	Knots	Date	Time
	19	5	4

Highest Gust	36	5	4
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Percentage Time vs Wind Direction

