

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 2017

		From norm	Day	Comments
Mean Air Temp (°C)	6.4	0.7		
Mean Air Maximum (°C)	9.4	1.1		
Mean Air Minimum (°C)	3.4	0.3		
Highest Maximum (°C)	14.5		20	
Lowest Maximum (°C)	3.1		30	
Highest Minimum (°C)	10.5		22	
Lowest Minimum (°C)	-1.9		30	
Mean Grass Minimum (°C)	0.9			
Lowest Grass Minimum (°C)	-5.7		30	
Mean Concrete Minimum (°C)	3.3			
Lowest Concrete Minimum (°C)	-2.1		30	
Mean 10cm. Soil Temp (°C)	6.9	1.4		
Mean 30cm. Soil Temp (°C)	9.1	2.2		
Mean 100cm. Soil Temp (°C)	10.9	1.3		
Air Frost (days)	3	-3		
Ground Frost (days)	15	2		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	79.6	2.8		
Days with 0.2mm or more	23	6		
Days with 1.0mm or more	14	1		
Days with 5.0mm or more	8			
Greatest fall in one day (mm)	20.4		25	
Relative Humidity (%)	93			
Sunshine (hours)	79.0	22.8		
Sunniest Day (hours)	6.8		3	
Days with Nil Sunshine	4	-7		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

November 2017

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) 5.4

Highest Hourly Mean Velocity	Knots	Date	Time
	17	22	14
		22	15

Highest Gust 36 22 13

Percentage Time vs Wind Direction

