

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 :-

April 2017

		From norm	Day	Comments
Mean Air Temp (°C)	8.4	1.1		
Mean Air Maximum (°C)	12.3	1.3		
Mean Air Minimum (°C)	4.4	0.9		
Highest Maximum (°C)	20.9		9	
Lowest Maximum (°C)	8.9		25	
Highest Minimum (°C)	8.8		21	
Lowest Minimum (°C)	-0.9		27	
Mean Grass Minimum (°C)	2.0			
Lowest Grass Minimum (°C)	-5.4		27	
Mean Concrete Minimum (°C)	4.8			
Lowest Concrete Minimum (°C)	1.1		27	
Mean 10cm. Soil Temp (°C)	8.8	0.8		
Mean 30cm. Soil Temp (°C)	10.0	2.8		
Mean 100cm. Soil Temp (°C)	9.3	2.9		
Air Frost (days)	2	-2		
Ground Frost (days)	9	-4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	25.4	-29.6		
Days with 0.2mm or more	12	-3		
Days with 1.0mm or more	6	-5		
Days with 5.0mm or more	1			
Greatest fall in one day (mm)	5.6		14	
Relative Humidity (%)	77			
Sunshine (hours)	158.7	28.7		
Sunniest Day (hours)	11.5		8	
Days with Nil Sunshine	0	-4		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

April 2017

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	95	13.2%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.2

Highest Hourly Mean Velocity	Knots	Date	Time
	15	24	15
		24	16
		24	18

Highest Gust	Knots	Date	Time
	29	24	18
		30	15

Percentage Time vs Wind Direction

