

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 :-

March 2017

		From norm	Day	Comments
Mean Air Temp (°C)	7.9	5.0		
Mean Air Maximum (°C)	11.5	6.0		
Mean Air Minimum (°C)	4.3	4.1		
Highest Maximum (°C)	16.2		30	
Lowest Maximum (°C)	5.1		5	
Highest Minimum (°C)	10.9		30	
Lowest Minimum (°C)	0.3		1	
Mean Grass Minimum (°C)	1.7			
Lowest Grass Minimum (°C)	-3.9		25	
Mean Concrete Minimum (°C)	3.7			
Lowest Concrete Minimum (°C)	-0.9		25	
Mean 10cm. Soil Temp (°C)	6.5	4.0		
Mean 30cm. Soil Temp (°C)	7.7	4.5		
Mean 100cm. Soil Temp (°C)	7.6	2.7		
Air Frost (days)	0	-13		
Ground Frost (days)	16	-4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	70.6	19.7		
Days with 0.2mm or more	20	5		
Days with 1.0mm or more	14	4		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	10.2		1	
Relative Humidity (%)	87			
Sunshine (hours)	133.1	75.9		
Sunniest Day (hours)	10.6		24	
Days with Nil Sunshine	2	-8		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

March 2017

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	113	15.2%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.4

Highest Hourly Mean Velocity	Knots	Date	Time
	15	17	18

Highest Gust	29	17	18
		17	19
		17	20
		19	3

Percentage Time vs Wind Direction

