

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 2016

		From norm	Day	Comments
Mean Air Temp (°C)	5.1	2.2		
Mean Air Maximum (°C)	8.6	3.1		
Mean Air Minimum (°C)	1.5	1.3		
Highest Maximum (°C)	13.2		1	
Lowest Maximum (°C)	2.5		4	
Highest Minimum (°C)	5.3		26	
Lowest Minimum (°C)	-2.2		8	
Mean Grass Minimum (°C)	-1.4			
Lowest Grass Minimum (°C)	-7.3		8	
Mean Concrete Minimum (°C)	1.1			
Lowest Concrete Minimum (°C)	-1.9		8	
Mean 10cm. Soil Temp (°C)	4.7	2.2		
Mean 30cm. Soil Temp (°C)	5.9	2.7		
Mean 100cm. Soil Temp (°C)	6.6	1.7		
Air Frost (days)	5	-8		
Ground Frost (days)	24	4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	87.4	36.5		
Days with 0.2mm or more	14	-1		
Days with 1.0mm or more	12	2		
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	26.6		27	
Relative Humidity (%)	87			
Sunshine (hours)	109.6	52.4		
Sunniest Day (hours)	9.7		13	
Days with Nil Sunshine	3	-7		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

March 2016

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	93	12.5%
Gusts of 34Knots (39mph) or over	5	

Mean Wind Speed (Knots) 6.0

Highest Hourly Mean Velocity	Knots	Date	Time
	20	2	22

Highest Gust	42	2	22
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Percentage Time vs Wind Direction

