

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 2015

		From norm	Day	Comments
Mean Air Temp (°C)	5.5	2.6		
Mean Air Maximum (°C)	9.2	3.7		
Mean Air Minimum (°C)	1.8	1.6		
Highest Maximum (°C)	14.6		7	
Lowest Maximum (°C)	4.9		14	
Highest Minimum (°C)	6.4		7 & 8	
Lowest Minimum (°C)	-2.3		18	
Mean Grass Minimum (°C)	-1.0			
Lowest Grass Minimum (°C)	-6.4		25	
Mean Concrete Minimum (°C)	1.0			
Lowest Concrete Minimum (°C)	-1.6		3	
Mean 10cm. Soil Temp (°C)	4.6	2.1		
Mean 30cm. Soil Temp (°C)	5.8	2.6		
Mean 100cm. Soil Temp (°C)	6.3	1.4		
Air Frost (days)	5	-8		
Ground Frost (days)	20	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	71.6	20.7		
Days with 0.2mm or more	20	5		
Days with 1.0mm or more	12	2		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	15.2		30	
Relative Humidity (%)	86			
Sunshine (hours)	123.3	66.1		
Sunniest Day (hours)	8.1		3	
Days with Nil Sunshine	1	-9		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

March 2015

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	142	19.1%
Gusts of 34Knots (39mph) or over	11	

Mean Wind Speed (Knots) 6.9

Highest Hourly Mean Velocity	Knots	Date	Time
	19	31	14
		31	15

Highest Gust 48 31 12

Percentage Time vs Wind Direction

