

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 2012

		From norm	Day	Comments
Mean Air Temp (°C)	8.3	5.4		
Mean Air Maximum (°C)	12.1	6.6		
Mean Air Minimum (°C)	4.4	4.2		
Highest Maximum (°C)	18.7		27	
Lowest Maximum (°C)	5.9		4	
Highest Minimum (°C)	8.2		10	
Lowest Minimum (°C)	-0.7		6	
Mean Grass Minimum (°C)	2.3			
Lowest Grass Minimum (°C)	-3.4		6	
Mean Concrete Minimum (°C)	3.3			
Lowest Concrete Minimum (°C)	-1.3		6	
Mean 10cm. Soil Temp (°C)	6.8	4.3		
Mean 30cm. Soil Temp (°C)	7.6	4.4		
Mean 100cm. Soil Temp (°C)	7.1	2.2		
Air Frost (days)	1	-12		
Ground Frost (days)	9	-11		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	20.6	-30.3		
Days with 0.2mm or more	6	-9		
Days with 1.0mm or more	5	-5		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	7		3	
Relative Humidity (%)	91			
Sunshine (hours)	156.8	99.6		
Sunniest Day (hours)	10.9		26	
Days with Nil Sunshine	1	-9		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Summary of Wind Data for :-

March 2012

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	48	6.5%
Gusts of 34Knots (39mph) or over	1	

Mean Wind Speed (Knots) 6.0

Highest Hourly Mean Velocity	Knots	Date	Time
	19	7	13

Highest Gust	35	7	13
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Percentage Time vs Wind Direction

