

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 2011

		From norm	Day	Comments
Mean Air Temp (°C)	6.7	3.8		
Mean Air Maximum (°C)	10.4	4.9		
Mean Air Minimum (°C)	2.9	2.7		
Highest Maximum (°C)	16.4		23	
Lowest Maximum (°C)	4.4		4	
Highest Minimum (°C)	7.8		30	
Lowest Minimum (°C)	-2.1		8	
Mean Grass Minimum (°C)	-0.5			
Lowest Grass Minimum (°C)	-8.4		8	
Mean Concrete Minimum (°C)	1.8			
Lowest Concrete Minimum (°C)	-2.5		8	
Mean 10cm. Soil Temp (°C)	5.0	2.5		
Mean 30cm. Soil Temp (°C)	6.2	3.0		
Mean 100cm. Soil Temp (°C)	6.2	1.3		
Air Frost (days)	6	-7		
Ground Frost (days)	17	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	14.4	-36.5		
Days with 0.2mm or more	9	-6		
Days with 1.0mm or more	2	-8		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	7.2		30	
Relative Humidity (%)	88			
Sunshine (hours)	153.4	96.2		
Sunniest Day (hours)	9.7		23	
Days with Nil Sunshine	2	-8		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

School of Earth Sciences and Geography, Keele University
Keele, Staffordshire, ST5 5BG

tel : 01782 583169
email : m.b.edge@keele.ac.uk

Summary of Wind Data for :-

March 2011

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	36	4.8%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.2

Highest Hourly Mean Velocity	Knots	Date	Time
	16	31	9

Highest Gust	33	31	7
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Percentage Time vs Wind Direction

