

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 :-

April 2012

		From norm	Day	Comments
Mean Air Temp (°C)	6.6	-0.7		
Mean Air Maximum (°C)	10.1	-0.9		
Mean Air Minimum (°C)	3.1	-0.4		
Highest Maximum (°C)	12.8		2	
Lowest Maximum (°C)	4.6		5	
Highest Minimum (°C)	6.9		10	
Lowest Minimum (°C)	-1.6		16	
Mean Grass Minimum (°C)	1.5			
Lowest Grass Minimum (°C)	-5.0		16	
Mean Concrete Minimum (°C)	3.4			
Lowest Concrete Minimum (°C)	-1.5		7	
Mean 10cm. Soil Temp (°C)	8.1	0.1		
Mean 30cm. Soil Temp (°C)	8.9	1.7		
Mean 100cm. Soil Temp (°C)	8.4	2.0		
Air Frost (days)	2	-2		
Ground Frost (days)	9	-4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	94.4	39.4		
Days with 0.2mm or more	23	8		
Days with 1.0mm or more	18	7		
Days with 5.0mm or more	9			
Greatest fall in one day (mm)	10.8		26	
Relative Humidity (%)	90			
Sunshine (hours)	106.3	-23.7		
Sunniest Day (hours)	8.4		1	
Days with Nil Sunshine	0	-4		
Mean Barometric Pressure (mb)		No		
Maxima (mb)		data		
Minima (mb)		available		

Supplied by:

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Summary of Wind Data for :-

April 2012

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	54	7.5%
Gusts of 34Knots (39mph) or over	11	

Mean Wind Speed (Knots) 6.8

Highest Hourly Mean Velocity	Knots	Date	Time
	18	29	15

Highest Gust	47	4	9
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Percentage Time vs Wind Direction

