

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 :-

May 2012

		From norm	Day	Comments
Mean Air Temp (°C)	11.4	0.8		
Mean Air Maximum (°C)	15.7	1.1		
Mean Air Minimum (°C)	7.0	0.5		
Highest Maximum (°C)	24.7		27	
Lowest Maximum (°C)	9.5		5	
Highest Minimum (°C)	14.1		25 & 26	
Lowest Minimum (°C)	-0.1		5	
Mean Grass Minimum (°C)	5.4			
Lowest Grass Minimum (°C)	-2.9		5	
Mean Concrete Minimum (°C)	7.3			
Lowest Concrete Minimum (°C)	0.9		5	
Mean 10cm. Soil Temp (°C)	13.1	0.8		
Mean 30cm. Soil Temp (°C)	12.1	1.4		
Mean 100cm. Soil Temp (°C)	10.1	1.4		
Air Frost (days)	1	1		
Ground Frost (days)	4	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	8			
Rainfall (mm)	45.8	-16.8		
Days with 0.2mm or more	11	-5		
Days with 1.0mm or more	7	-5		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	14		14	
Relative Humidity (%)	78			
Sunshine (hours)	203.7	29.0		
Sunniest Day (hours)	14.1		26	
Days with Nil Sunshine	0	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

May 2012

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	49	6.6%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.2

Highest Hourly Mean Velocity	Knots	Date	Time
	14	11	13
		11	18

Highest Gust	Knots	Date	Time
	28	11	17
		15	16
		26	1

Percentage Time vs Wind Direction

