

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 2013

		From norm	Day	Comments
Mean Air Temp (°C)	9.7	-0.9		
Mean Air Maximum (°C)	13.8	-0.8		
Mean Air Minimum (°C)	5.5	-1.0		
Highest Maximum (°C)	20.6		7	
Lowest Maximum (°C)	9.8		14	
Highest Minimum (°C)	10.7		30	
Lowest Minimum (°C)	1.1		14	
Mean Grass Minimum (°C)	3.2			
Lowest Grass Minimum (°C)	-3.0		2	
Mean Concrete Minimum (°C)	5.0			
Lowest Concrete Minimum (°C)	-0.4		2	
Mean 10cm. Soil Temp (°C)	11.6	-0.7		
Mean 30cm. Soil Temp (°C)	10.5	-0.2		
Mean 100cm. Soil Temp (°C)	8.9	0.2		
Air Frost (days)	0	0		
Ground Frost (days)	7	3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	99.2	36.6		
Days with 0.2mm or more	23	7		
Days with 1.0mm or more	18	6		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	27.6		14	
Relative Humidity (%)	81			
Sunshine (hours)	166.6	-8.1		
Sunniest Day (hours)	11.1		25	
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 2013

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	66	8.9%
Gusts of 34Knots (39mph) or over	1	

Mean Wind Speed (Knots) 6.8

Highest Hourly Mean Velocity	Knots	Date	Time
	16	22	15
		24	11
		24	12

Highest Gust 37 24 13

Percentage Time vs Wind Direction

