

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 2014

		From norm	Day	Comments
Mean Air Temp (°C)	11.8	1.2		
Mean Air Maximum (°C)	15.4	0.8		
Mean Air Minimum (°C)	8.1	1.6		
Highest Maximum (°C)	22.4		19	
Lowest Maximum (°C)	10.9		2	
Highest Minimum (°C)	12.9		20	
Lowest Minimum (°C)	1.4		3	
Mean Grass Minimum (°C)	6.5			
Lowest Grass Minimum (°C)	-2.9		3	
Mean Concrete Minimum (°C)	8.7			
Lowest Concrete Minimum (°C)	1.7		3	
Mean 10cm. Soil Temp (°C)	12.9	0.6		
Mean 30cm. Soil Temp (°C)	13.3	2.6		
Mean 100cm. Soil Temp (°C)	11.4	2.7		
Air Frost (days)	0	0		
Ground Frost (days)	1	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	1			
Rainfall (mm)	96	33.4		
Days with 0.2mm or more	21	5		
Days with 1.0mm or more	15	3		
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	15.2		22	
Relative Humidity (%)	81			
Sunshine (hours)	159.7	-15.0		
Sunniest Day (hours)	13.2		17	
Days with Nil Sunshine	1	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

May 2014

Force	Total	%
Hours of Calm	102	13.7%
Hours of 10 Knots (12mph) or over	49	6.6%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.6

Highest Hourly Mean Velocity	Knots	Date	Time
	14	10	16
		10	17

Highest Gust	Knots	Date	Time
	28	10	16
		10	18

Percentage Time vs Wind Direction

