

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 :-

February 2014

		From norm	Day	Comments
Mean Air Temp (°C)	5.3	2.5		
Mean Air Maximum (°C)	7.9	3.4		
Mean Air Minimum (°C)	2.6	2.4		
Highest Maximum (°C)	11.5		23	
Lowest Maximum (°C)	3.9		10	
Highest Minimum (°C)	6.3		20	
Lowest Minimum (°C)	-0.1		12	
Mean Grass Minimum (°C)	1.3			
Lowest Grass Minimum (°C)	-2.8		10	
Mean Concrete Minimum (°C)	1.4			
Lowest Concrete Minimum (°C)	-1.6		10	
Mean 10cm. Soil Temp (°C)	3.9	1.4		
Mean 30cm. Soil Temp (°C)	5.0	1.8		
Mean 100cm. Soil Temp (°C)	6.0	1.1		
Air Frost (days)	2	-11		
Ground Frost (days)	10	-10		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	87.8	36.9		
Days with 0.2mm or more	24	9		
Days with 1.0mm or more	16	6		
Days with 5.0mm or more	9			
Greatest fall in one day (mm)	13.6		5	
Relative Humidity (%)	88			
Sunshine (hours)	82.6	25.4		
Sunniest Day (hours)	6.8		27	
Days with Nil Sunshine	1	-9		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

February 2014

Force	Total	%
Hours of Calm	4	0.6%
Hours of 10 Knots (12mph) or over	153	22.8%
Gusts of 34Knots (39mph) or over	17	

Mean Wind Speed (Knots) 7.4

Highest Hourly Mean Velocity	Knots	Date	Time
	22	12	17

Highest Gust	51	12	18
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Percentage Time vs Wind Direction

