

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 :-

August 2014

		From norm	Day	Comments
Mean Air Temp (°C)	14.3	-0.6		
Mean Air Maximum (°C)	18.1	-0.7		
Mean Air Minimum (°C)	10.5	-0.5		
Highest Maximum (°C)	22.7		8	
Lowest Maximum (°C)	13.7		25	
Highest Minimum (°C)	14.6		6	
Lowest Minimum (°C)	6.5		21	
Mean Grass Minimum (°C)	8.5			
Lowest Grass Minimum (°C)	2.6		24	
Mean Concrete Minimum (°C)	10.9			
Lowest Concrete Minimum (°C)	7.1		24	
Mean 10cm. Soil Temp (°C)	15.4	-1.0		
Mean 30cm. Soil Temp (°C)	16.8	1.4		
Mean 100cm. Soil Temp (°C)	16.1	2.2		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	5			
Rainfall (mm)	99.8	21.4		
Days with 0.2mm or more	24	9		
Days with 1.0mm or more	17	5		
Days with 5.0mm or more	8			
Greatest fall in one day (mm)	13.6		17	
Relative Humidity (%)	84			
Sunshine (hours)	160.2	6.9		
Sunniest Day (hours)	9.1		3	
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 :-

August 2014

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	80	10.8%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.1

Highest Hourly Mean Velocity	Knots	Date	Time
	14	SE-SW	16

Highest Gust 31 10 16

Percentage Time vs Wind Direction

