

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 :-

September 2014

		From norm	Day	Comments
Mean Air Temp (°C)	14.6	1.9		
Mean Air Maximum (°C)	18.5	2.2		
Mean Air Minimum (°C)	10.7	1.6		
Highest Maximum (°C)	22.0		18	
Lowest Maximum (°C)	15.5		24	
Highest Minimum (°C)	14.3		19	
Lowest Minimum (°C)	5.9		22	
Mean Grass Minimum (°C)	7.8			
Lowest Grass Minimum (°C)	1.3		22	
Mean Concrete Minimum (°C)	10.3			
Lowest Concrete Minimum (°C)	5.9		22	
Mean 10cm. Soil Temp (°C)	14.6	1.2		
Mean 30cm. Soil Temp (°C)	15.7	2.2		
Mean 100cm. Soil Temp (°C)	15.2	1.7		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	2			
Rainfall (mm)	15	-54.1		
Days with 0.2mm or more	8	-7		
Days with 1.0mm or more	3	-8		
Days with 5.0mm or more	1			
Greatest fall in one day (mm)	7.2		23	
Relative Humidity (%)	87			
Sunshine (hours)	137.8	25.8		
Sunniest Day (hours)	9.4		10	
Days with Nil Sunshine	1	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

September 2014

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	3	0.4%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.4

Highest Hourly Mean Velocity	Knots	Date	Time
	11	24	11
		24	12

Highest Gust 24 24 11

Percentage Time vs Wind Direction

