

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 2015

		From norm	Day	Comments
Mean Air Temp (°C)	12.4	-0.3		
Mean Air Maximum (°C)	16.3	0.0		
Mean Air Minimum (°C)	8.5	-0.6		
Highest Maximum (°C)	20.1		10 & 11	
Lowest Maximum (°C)	12.8		8	
Highest Minimum (°C)	11.6		12	
Lowest Minimum (°C)	5.7		26	
Mean Grass Minimum (°C)	5.4			
Lowest Grass Minimum (°C)	0.9		26	
Mean Concrete Minimum (°C)	8.2			
Lowest Concrete Minimum (°C)	4.8		26	
Mean 10cm. Soil Temp (°C)	12.2	-1.2		
Mean 30cm. Soil Temp (°C)	14.2	0.7		
Mean 100cm. Soil Temp (°C)	14.2	0.7		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	44.8	-24.3		
Days with 0.2mm or more	16	1		
Days with 1.0mm or more	9	-2		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	15.2		11	
Relative Humidity (%)	92			
Sunshine (hours)	150.2	38.2		
Sunniest Day (hours)	9.0		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 2015

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	6	0.8%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.1

Highest Hourly Mean Velocity	Knots	Date	Time
	10	11	8
		11	9
		11	11

Highest Gust 22 11 11

Percentage Time vs Wind Direction

