

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 2017

		From norm	Day	Comments
Mean Air Temp (°C)	13.0	0.3		
Mean Air Maximum (°C)	16.6	0.3		
Mean Air Minimum (°C)	9.4	0.3		
Highest Maximum (°C)	21.2		4	
Lowest Maximum (°C)	14.4		30	
Highest Minimum (°C)	15.0		5	
Lowest Minimum (°C)	4.1		19	
Mean Grass Minimum (°C)	6.9			
Lowest Grass Minimum (°C)	0.8		22	
Mean Concrete Minimum (°C)	9.0			
Lowest Concrete Minimum (°C)	4.5		22	
Mean 10cm. Soil Temp (°C)	13.0	-0.4		
Mean 30cm. Soil Temp (°C)	14.7	1.2		
Mean 100cm. Soil Temp (°C)	14.5	1.0		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	1			
Rainfall (mm)	111.4	42.3		
Days with 0.2mm or more	21	6		
Days with 1.0mm or more	18	7		
Days with 5.0mm or more	10			
Greatest fall in one day (mm)	13.2		27	
Relative Humidity (%)	92			
Sunshine (hours)	126.0	14.0		
Sunniest Day (hours)	9.3		18	
Days with Nil Sunshine	2	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

September 2017

Force	Total	%
Hours of Calm	1	0.1%
Hours of 10 Knots (12mph) or over	23	3.2%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.0

Highest Hourly Mean Velocity	Knots	Date	Time
	14	17	12

Highest Gust	27	17	15
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Percentage Time vs Wind Direction

