

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 :-

July 2017

		From norm	Day	Comments
Mean Air Temp (°C)	15.9	0.8		
Mean Air Maximum (°C)	20.3	1.3		
Mean Air Minimum (°C)	11.5	0.4		
Highest Maximum (°C)	27.4		6	
Lowest Maximum (°C)	15.7		11	
Highest Minimum (°C)	15.2		19	
Lowest Minimum (°C)	8.8		17	
Mean Grass Minimum (°C)	10.0			
Lowest Grass Minimum (°C)	4.8		17	
Mean Concrete Minimum (°C)	12.4			
Lowest Concrete Minimum (°C)	8.7		17	
Mean 10cm. Soil Temp (°C)	16.7	-0.7		
Mean 30cm. Soil Temp (°C)	17.3	1.8		
Mean 100cm. Soil Temp (°C)	15.2	2.2		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	11			
Rainfall (mm)	89.0	23.6		
Days with 0.2mm or more	20	6		
Days with 1.0mm or more	16	5		
Days with 5.0mm or more	8			
Greatest fall in one day (mm)	13.6		28	
Relative Humidity (%)	82			
Sunshine (hours)	150.1	-15.2		
Sunniest Day (hours)	11.0		4	
Days with Nil Sunshine	0	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

July 2017

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	22	3.0%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.2

Highest Hourly Mean Velocity	Knots	Date	Time
	12	2	16
		6	8
		6	9

Highest Gust	Knots	Date	Time
	25	2	13
		2	15

Percentage Time vs Wind Direction

