

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 2015

		From norm	Day	Comments
Mean Air Temp (°C)	15.4	0.5		
Mean Air Maximum (°C)	19.6	0.8		
Mean Air Minimum (°C)	11.2	0.2		
Highest Maximum (°C)	25.2		22	
Lowest Maximum (°C)	14.9		31	
Highest Minimum (°C)	15.8		23	
Lowest Minimum (°C)	6.6		16	
Mean Grass Minimum (°C)	8.7			
Lowest Grass Minimum (°C)	1.2		16	
Mean Concrete Minimum (°C)	11.2			
Lowest Concrete Minimum (°C)	6.3		16	
Mean 10cm. Soil Temp (°C)	15.2	-1.2		
Mean 30cm. Soil Temp (°C)	16.0	0.6		
Mean 100cm. Soil Temp (°C)	14.8	0.9		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	9			
Rainfall (mm)	112.6	34.2		
Days with 0.2mm or more	15	0		
Days with 1.0mm or more	13	1		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	44.8		13	
Relative Humidity (%)	82			
Sunshine (hours)	135.8	-17.5		
Sunniest Day (hours)	9.7		27	
Days with Nil Sunshine	0	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

August 2015

Force	Total	%
Hours of Calm	2	0.3%
Hours of 10 Knots (12mph) or over	14	1.9%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.8

Highest Hourly Mean Velocity	Knots	Date	Time
	12	4	13
		23	11

Highest Gust	26	4	12
		23	11

Percentage Time vs Wind Direction

