

# 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 2019

		From norm	Day	Comments
Mean Air Temp (°C)	13.7	1.0		
Mean Air Maximum (°C)	17.4	1.1		
Mean Air Minimum (°C)	9.9	0.8		
Highest Maximum (°C)	22.1		21	
Lowest Maximum (°C)	14.6		16	
Highest Minimum (°C)	13.2		24	
Lowest Minimum (°C)	5.3		8	
Mean Grass Minimum (°C)	7.5			
Lowest Grass Minimum (°C)	1.4		8	
Mean Concrete Minimum (°C)	10.4			
Lowest Concrete Minimum (°C)	6.4		8	
Mean 10cm. Soil Temp (°C)	14.0	0.6		
Mean 30cm. Soil Temp (°C)	15.5	2.0		
Mean 100cm. Soil Temp (°C)	15.0	1.5		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	1			
Rainfall (mm)	130.4	61.3		
Days with 0.2mm or more	20	5		
Days with 1.0mm or more	16	5		
Days with 5.0mm or more	11			
Greatest fall in one day (mm)	21.6		28	
Relative Humidity (%)	86			
Sunshine (hours)	143.2	31.2		
Sunniest Day (hours)	10.6		20	
Days with Nil Sunshine	0	-4		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

School of Earth Sciences and Geography, Keele University  
Keele, Staffordshire, ST5 5BG

tel : 01782 583169  
email : m.b.edge@keele.ac.uk

## Summary of Wind Data for :-

September 2019

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	42	5.8%
Gusts of 34Knots (39mph) or over	0	

**Mean Wind Speed (Knots)** 5.1

	Knots	Date	Time
<b>Highest Hourly Mean Velocity</b>	14	29	14

<b>Highest Gust</b>	30	29	14
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## Percentage Time vs Wind Direction

