

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 :-

October 2019

		From norm	Day	Comments
Mean Air Temp (°C)	9.4	-0.3		
Mean Air Maximum (°C)	12.4	-0.5		
Mean Air Minimum (°C)	6.4	0.0		
Highest Maximum (°C)	15.8		4	
Lowest Maximum (°C)	6.0		26	
Highest Minimum (°C)	11.1		11	
Lowest Minimum (°C)	-0.3		28	
Mean Grass Minimum (°C)	4.3			
Lowest Grass Minimum (°C)	-1.9		27	
Mean Concrete Minimum (°C)	7.4			
Lowest Concrete Minimum (°C)	1.7		28	
Mean 10cm. Soil Temp (°C)	10.3	0.5		
Mean 30cm. Soil Temp (°C)	12.0	1.4		
Mean 100cm. Soil Temp (°C)	13.1	1.2		
Air Frost (days)	1	0		
Ground Frost (days)	8	2		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	140.2	69.3		
Days with 0.2mm or more	25	8		
Days with 1.0mm or more	15	2		
Days with 5.0mm or more	10			
Greatest fall in one day (mm)	55.4		25	
Relative Humidity (%)	92			
Sunshine (hours)	86.6	-0.8		
Sunniest Day (hours)	7.5		2	
Days with Nil Sunshine	2	-5		
Mean Barometric Pressure (mb)		No		
Maxima (mb)		Data		
Minima (mb)		Available		

Supplied by:

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Summary of Wind Data for :-

October 2019

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	29	3.9%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.0

	Knots	Date	Time
Highest Hourly Mean Velocity	12	6	13
		6	14

Highest Gust	26	10	20
		13	15

Percentage Time vs Wind Direction

