

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 2021

		From norm	Day	Comments
Mean Air Temp (°C)	15.0	5.3		
Mean Air Maximum (°C)	18.8	5.9		
Mean Air Minimum (°C)	11.1	4.7		
Highest Maximum (°C)	27.9		5	
Lowest Maximum (°C)	11.4		29	
Highest Minimum (°C)	16.4		5	
Lowest Minimum (°C)	4.6		30	
Mean Grass Minimum (°C)	9.1			
Lowest Grass Minimum (°C)	1.7		30	
Mean Concrete Minimum (°C)	10.9			
Lowest Concrete Minimum (°C)	5.2		30	
Mean 10cm. Soil Temp (°C)	14.5	4.7		
Mean 30cm. Soil Temp (°C)	15.8	5.2		
Mean 100cm. Soil Temp (°C)	15.0	3.1		
Air Frost (days)	0	-1		
Ground Frost (days)	0	-6		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	7			
Rainfall (mm)	102.6	31.7		
Days with 0.2mm or more	19	2		
Days with 1.0mm or more	13	0		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	22.8		25	
Relative Humidity (%)	89			
Sunshine (hours)	136.4	49.0		
Sunniest Day (hours)	9.1		4	
Days with Nil Sunshine	0	-7		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	DATA			
Minima (mb)	AVAILABLE			

Supplied by:

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Summary of Wind Data for :-

October 2021

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	8	1.1%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.4

	Knots	Date	Time
Highest Hourly Mean Velocity	11	24	7
		26	13
		26	14

Highest Gust	26	24	6
		26	14

Percentage Time vs Wind Direction

