

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 :-

January 2021

	From norm	Day	Comments
Mean Air Temp (°C)	2.4		
Mean Air Maximum (°C)	4.7		
Mean Air Minimum (°C)	0.1		
Highest Maximum (°C)	11.0	28	
Lowest Maximum (°C)	0.0	14	
Highest Minimum (°C)	8.5	20	
Lowest Minimum (°C)	-5.4	7	
Mean Grass Minimum (°C)	-1.0		
Lowest Grass Minimum (°C)	-9.5	7	
Mean Concrete Minimum (°C)	0.9		
Lowest Concrete Minimum (°C)	-2.5	7	
Mean 10cm. Soil Temp (°C)	2.7		
Mean 30cm. Soil Temp (°C)	4.5		
Mean 100cm. Soil Temp (°C)	6.4		
Air Frost (days)	18		
Ground Frost (days)	20		
Ice Days (below 0°C)	0		
Hot Days (over 21°C)	0		
Rainfall (mm)	147		
Days with 0.2mm or more	27		
Days with 1.0mm or more	17		
Days with 5.0mm or more	9		
Greatest fall in one day (mm)	22.8	13	
Relative Humidity (%)	97		
Sunshine (hours)	0.0		
Sunniest Day (hours)	0.0	1	
Days with Nil Sunshine	31		
Mean Barometric Pressure (mb)	No		
Maxima (mb)	Data		
Minima (mb)	Available		

Supplied by:

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Summary of Wind Data for :-

January 2021

Force	Total	%
Hours of Calm	No	
Hours of 10 Knots (12mph) or over	Data	
Gusts of 34Knots (39mph) or over	Available	

Mean Wind Speed (Knots)

Highest Hourly Mean Velocity	Knots	Date	Time
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Highest Gust

Percentage Time vs Wind Direction

