

**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 :-

February 2021 2021

	From norm	Day	Comments
Mean Air Temp (°C)	4.0		
Mean Air Maximum (°C)	6.5		
Mean Air Minimum (°C)	1.5		
Highest Maximum (°C)	13.2	24	
Lowest Maximum (°C)	0.0	2	
Highest Minimum (°C)	7.3	24	
Lowest Minimum (°C)	-4.2	11	
Mean Grass Minimum (°C)	-0.2		
Lowest Grass Minimum (°C)	-7.0	11	
Mean Concrete Minimum (°C)	1.8		
Lowest Concrete Minimum (°C)	-3.8	13	
Mean 10cm. Soil Temp (°C)	3.3		
Mean 30cm. Soil Temp (°C)	4.5		
Mean 100cm. Soil Temp (°C)	5.4		
Air Frost (days)	8		
Ground Frost (days)	18		
Ice Days (below 0°C)	0		
Hot Days (over 21°C)	0		
Rainfall (mm)	49.6		
Days with 0.2mm or more	19		
Days with 1.0mm or more	12		
Days with 5.0mm or more	3		
Greatest fall in one day (mm)	8.8		
Relative Humidity (%)	83		
Sunshine (hours)	No		
Sunniest Day (hours)	Data		
Days with Nil Sunshine	Avaiable		
Mean Barometric Pressure (mb)	No		
Maxima (mb)	Data		
Minima (mb)	Available		

Supplied by:

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Summary of Wind Data for :-

February 2021 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)

	Knots	Date	Time
Highest Hourly Mean Velocity		No	
		Data	
Highest Gust		Available	

Percentage Time vs Wind Direction

