

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 2020

		From norm	Day	Comments
Mean Air Temp (°C)	5.5	2.7		
Mean Air Maximum (°C)	8.8	4.3		
Mean Air Minimum (°C)	2.2	2.0		
Highest Maximum (°C)	12.4		9	
Lowest Maximum (°C)	5.0		11	
Highest Minimum (°C)	6.9		1	
Lowest Minimum (°C)	-1.5		6	
Mean Grass Minimum (°C)	1.0			
Lowest Grass Minimum (°C)	-3.9		28	
Mean Concrete Minimum (°C)	1.7			
Lowest Concrete Minimum (°C)	-1.6		6	
Mean 10cm. Soil Temp (°C)	4.3	1.8		
Mean 30cm. Soil Temp (°C)	5.6	2.4		
Mean 100cm. Soil Temp (°C)	6.7	1.8		
Air Frost (days)	3	-10		
Ground Frost (days)	13	-7		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	160	109.1		
Days with 0.2mm or more	28	13		
Days with 1.0mm or more	21	11		
Days with 5.0mm or more	11			
Greatest fall in one day (mm)	33.2		15	
Relative Humidity (%)	90			
Sunshine (hours)	88.7	31.5		
Sunniest Day (hours)	7.1		12	
Days with Nil Sunshine	4	-6		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

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Summary of Wind Data for :-

February 2020

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	243	34.9%
Gusts of 34Knots (39mph) or over	19	

Mean Wind Speed (Knots) 8.1

	Knots	Date	Time
Highest Hourly Mean Velocity	17	4	9
		9	10
		9	13
Highest Gust	47	9	7

Percentage Time vs Wind Direction

