

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 :-

November 2020

		From norm	Day	Comments
Mean Air Temp (°C)	7.8	2.1		
Mean Air Maximum (°C)	10.7	2.4		
Mean Air Minimum (°C)	4.9	1.8		
Highest Maximum (°C)	16.6		1	
Lowest Maximum (°C)	7.4		27	
Highest Minimum (°C)	10.3		10	
Lowest Minimum (°C)	-0.4		23 & 26	
Mean Grass Minimum (°C)	3.6			
Lowest Grass Minimum (°C)	-4.1		23	
Mean Concrete Minimum (°C)	5.8			
Lowest Concrete Minimum (°C)	1.3		28	
Mean 10cm. Soil Temp (°C)	7.9	2.4		
Mean 30cm. Soil Temp (°C)	9.6	2.7		
Mean 100cm. Soil Temp (°C)	10.6	1.0		
Air Frost (days)	2	-4		
Ground Frost (days)	9	-4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	60.6	-16.2		
Days with 0.2mm or more	26	9		
Days with 1.0mm or more	15	2		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	10		3	
Relative Humidity (%)	95			
Sunshine (hours)	35.9	-20.3		
Sunniest Day (hours)	4.4		15	
Days with Nil Sunshine	2	-9		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

November 2020

Force	Total	%
Hours of Calm	1	0.2%
Hours of 10 Knots (12mph) or over	34	8.5%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 3.4

	Knots	Date	Time
Highest Hourly Mean Velocity	15	16	23

Highest Gust	32	1	19
		2	1

Percentage Time vs Wind Direction

