

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 2022

		From norm	Day	Comments
Mean Air Temp (°C)	6.1	3.3		
Mean Air Maximum (°C)	9.3	4.8		
Mean Air Minimum (°C)	2.8	2.6		
Highest Maximum (°C)	12.9		16	
Lowest Maximum (°C)	5.8		24	
Highest Minimum (°C)	8.1		2	
Lowest Minimum (°C)	0.1		26	
Mean Grass Minimum (°C)	1.2			
Lowest Grass Minimum (°C)	-2.9		26	
Mean Concrete Minimum (°C)	1.5			
Lowest Concrete Minimum (°C)	-2.0		19	
Mean 10cm. Soil Temp (°C)	5.0	2.5		
Mean 30cm. Soil Temp (°C)	6.0	2.8		
Mean 100cm. Soil Temp (°C)	6.7	1.8		
Air Frost (days)	0	-13		
Ground Frost (days)	13	-7		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	99.8	48.9		
Days with 0.2mm or more	23	8		
Days with 1.0mm or more	17	7		
Days with 5.0mm or more	8			
Greatest fall in one day (mm)	15.2		17	
Relative Humidity (%)	84			
Sunshine (hours)	81.1	23.9		
Sunniest Day (hours)	8.9		27	
Days with Nil Sunshine	2	-8		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

February 2022

Force	Total	%
Hours of Calm	0	
Hours of 10 Knots (12mph) or over	187	
Gusts of 34Knots (39mph) or over	27	

Mean Wind Speed (Knots) 8.0

	Knots	Date	Time
Highest Hourly Mean Velocity	22	21	9

21 10

Highest Gust	45	21	9
		21	10

Percentage Time vs Wind Direction

