

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 :-

May 2023

		From norm	Day	Comments
Mean Air Temp (°C)	12.4	1.8		
Mean Air Maximum (°C)	16.9	2.3		
Mean Air Minimum (°C)	7.8	1.3		
Highest Maximum (°C)	21.0		27	
Lowest Maximum (°C)	13.9		1	
Highest Minimum (°C)	10.7		7	
Lowest Minimum (°C)	3.0		16	
Mean Grass Minimum (°C)	4.8			
Lowest Grass Minimum (°C)	-0.7		16	
Mean Concrete Minimum (°C)	8.0			
Lowest Concrete Minimum (°C)	4.9		16	
Mean 10cm. Soil Temp (°C)	13.1	0.8		
Mean 30cm. Soil Temp (°C)	13.6	2.9		
Mean 100cm. Soil Temp (°C)	11.1	2.4		
Air Frost (days)	0	0		
Ground Frost (days)	1	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	28.4	-34.2		
Days with 0.2mm or more	12	-4		
Days with 1.0mm or more	8	-4		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	8		6	
Relative Humidity (%)	76			
Sunshine (hours)	235.2	60.5		
Sunniest Day (hours)	13.4		21	
Days with Nil Sunshine	0	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

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Summary of Wind Data for :-

May 2023

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	48	6.5%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.2

	Knots	Date	Time
Highest Hourly Mean Velocity	11	3	21

		3	23
		4	18
Highest Gust	30	4	16

Percentage Time vs Wind Direction

