

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 2024

		From norm	Day	Comments
Mean Air Temp (°C)	13.9	3.3		
Mean Air Maximum (°C)	17.7	3.1		
Mean Air Minimum (°C)	10.0	3.5		
Highest Maximum (°C)	23.5		12	
Lowest Maximum (°C)	11.2		23	
Highest Minimum (°C)	12.8		14	
Lowest Minimum (°C)	6.4		5	
Mean Grass Minimum (°C)	7.7			
Lowest Grass Minimum (°C)	2.4		6	
Mean Concrete Minimum (°C)	10.1			
Lowest Concrete Minimum (°C)	5.9		5	
Mean 10cm. Soil Temp (°C)	13.9	1.6		
Mean 30cm. Soil Temp (°C)	14.2	3.5		
Mean 100cm. Soil Temp (°C)	11.7	3.0		
Air Frost (days)	0	0		
Ground Frost (days)	0	-4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	4			
Rainfall (mm)	64.2	1.6		
Days with 0.2mm or more	8	-8		
Days with 1.0mm or more	7	-5		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	24.4		16	
Relative Humidity (%)	39			
Sunshine (hours)	No			
Sunniest Day (hours)	Data			
Days with Nil Sunshine	Avaiialble			
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Avaiialble			

Supplied by:

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Summary of Wind Data for :-

May 2024

Force	Total	%
Hours of Calm	No	No
Hours of 10 Knots (12mph) or over	Data	Data
Gusts of 34Knots (39mph) or over	Avaiialble	Avaiialble

Mean Wind Speed (Knots) -

Highest Hourly Mean Velocity	Knots	Date	Time
	-	-	-

Highest Gust -

Percentage Time vs Wind Direction

