

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 :-

October 2024

		From norm	Day	Comments
Mean Air Temp (°C)	10.9	1.2		
Mean Air Maximum (°C)	13.9	1.0		
Mean Air Minimum (°C)	7.8	1.4		
Highest Maximum (°C)	17.1		7	
Lowest Maximum (°C)	9.1		13	
Highest Minimum (°C)	11.4		8	
Lowest Minimum (°C)	1.3		11	
Mean Grass Minimum (°C)	6.0			
Lowest Grass Minimum (°C)	-1.6		11	
Mean Concrete Minimum (°C)	7.6			
Lowest Concrete Minimum (°C)	2.4		11	
Mean 10cm. Soil Temp (°C)	10.5			
Mean 30cm. Soil Temp (°C)	12.2			
Mean 100cm. Soil Temp (°C)	12.9			
Air Frost (days)	0	-1		
Ground Frost (days)	3	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	86.2	15.3		
Days with 0.2mm or more	24	7		
Days with 1.0mm or more	17	4		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	20.2		16	
Relative Humidity (%)	94			
Sunshine (hours)	No			
Sunniest Day (hours)	Data			
Days with Nil Sunshine	Available			
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

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Summary of Wind Data for :-

October 2024

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

Mean Wind Speed (Knots) -

	Knots	Date	Time
Highest Hourly Mean Velocity	-	-	-

Highest Gust -

Percentage Time vs Wind Direction

