

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 :-

September 2024

		From norm	Day	Comments
Mean Air Temp (°C)	13.4	0.7		
Mean Air Maximum (°C)	16.7	0.4		
Mean Air Minimum (°C)	10.1	1.0		
Highest Maximum (°C)	25.3		6	
Lowest Maximum (°C)	12.3		30	
Highest Minimum (°C)	15.9		2	
Lowest Minimum (°C)	3.4		13	
Mean Grass Minimum (°C)	8.2			
Lowest Grass Minimum (°C)	-0.1		28	
Mean Concrete Minimum (°C)	11.0			
Lowest Concrete Minimum (°C)	6.0		28	
Mean 10cm. Soil Temp (°C)	13.8	0.4		
Mean 30cm. Soil Temp (°C)	15.2	1.7		
Mean 100cm. Soil Temp (°C)	14.9	1.4		
Air Frost (days)	0	0		
Ground Frost (days)	1	1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	1			
Rainfall (mm)	186.4	117.3		
Days with 0.2mm or more	18	3		
Days with 1.0mm or more	17	6		
Days with 5.0mm or more	12			
Greatest fall in one day (mm)	39		21	
Relative Humidity (%)	89			
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 :-

September 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) -

Highest Hourly Mean Velocity	Knots	Date	Time
	-	-	-

Highest Gust	Knots	Date	Time
	-	1	
		1	1
		1	2
		1	3.00
		1	4

Percentage Time vs Wind Direction

