

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 :-

December 2024

		From norm	Day	Comments
Mean Air Temp (°C)	6.3	2.3		
Mean Air Maximum (°C)	8.7	2.2		
Mean Air Minimum (°C)	3.9	2.4		
Highest Maximum (°C)	13.6		1	
Lowest Maximum (°C)	3.5		27	
Highest Minimum (°C)	10.0		1	
Lowest Minimum (°C)	1.0		27	
Mean Grass Minimum (°C)	2.9			
Lowest Grass Minimum (°C)	-1.1		20	
Mean Concrete Minimum (°C)	3.7			
Lowest Concrete Minimum (°C)	0.7		23	
Mean 10cm. Soil Temp (°C)	6.2			
Mean 30cm. Soil Temp (°C)	7.5			
Mean 100cm. Soil Temp (°C)	8.8			
Air Frost (days)	0	-11		
Ground Frost (days)	5	-13		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	114.8			
Days with 0.2mm or more	26			
Days with 1.0mm or more	15			
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	25.6		31	
Relative Humidity (%)	93			
Sunshine (hours)	-			
Sunniest Day (hours)	-			
Days with Nil Sunshine	-	-		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

December 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

