

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 :-

April 2024

		From norm	Day	Comments
Mean Air Temp (°C)	8.9	1.6		
Mean Air Maximum (°C)	12.5	1.5		
Mean Air Minimum (°C)	5.2	1.7		
Highest Maximum (°C)	17.7		11	
Lowest Maximum (°C)	8.2		22	
Highest Minimum (°C)	11.1		6	
Lowest Minimum (°C)	0.2		18	
Mean Grass Minimum (°C)	3.6			
Lowest Grass Minimum (°C)	-4.2		25	
Mean Concrete Minimum (°C)	5.9			
Lowest Concrete Minimum (°C)	0.9		26	
Mean 10cm. Soil Temp (°C)	9.1	1.1		
Mean 30cm. Soil Temp (°C)	10.0	2.8		
Mean 100cm. Soil Temp (°C)	9.2	2.8		
Air Frost (days)	0	-4		
Ground Frost (days)	5	-8		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	96.2	41.2		
Days with 0.2mm or more	24	9		
Days with 1.0mm or more	22	11		
Days with 5.0mm or more	9			
Greatest fall in one day (mm)	10		6	
Relative Humidity (%)	63			
Sunshine (hours)	No			
Sunniest Day (hours)	Data			
Days with Nil Sunshine	Available			
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

April 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
	No	Data	Available

Highest Gust -

Percentage Time vs Wind Direction

