

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 :-

March 2023

		From norm	Day	Comments
Mean Air Temp (°C)	6.5	1.5		
Mean Air Maximum (°C)	9.6	1.4		
Mean Air Minimum (°C)	3.3	1.5		
Highest Maximum (°C)	15.1		18	
Lowest Maximum (°C)	1.2		9	
Highest Minimum (°C)	8.5		21 & 31	
Lowest Minimum (°C)	-2.4		15	
Mean Grass Minimum (°C)	1.5			
Lowest Grass Minimum (°C)	-7.4		8	
Mean Concrete Minimum (°C)	3.3			
Lowest Concrete Minimum (°C)	-2.1		11	
Mean 10cm. Soil Temp (°C)	6.9	2.2		
Mean 30cm. Soil Temp (°C)	6.8	2.3		
Mean 100cm. Soil Temp (°C)	6.9	1.8		
Air Frost (days)	6	-3		
Ground Frost (days)	11	-6		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	108.6	52.3		
Days with 0.2mm or more	26	10		
Days with 1.0mm or more	22	10		
Days with 5.0mm or more	9			
Greatest fall in one day (mm)	12.6		13	
Relative Humidity (%)	85			
Sunshine (hours)	84.4	-7.5		
Sunniest Day (hours)	8.5		22	
Days with Nil Sunshine	4	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

March 2023

Force	Total	%
Hours of Calm	9	1.2%
Hours of 10 Knots (12mph) or over	71	9.5%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.9

	Knots	Date	Time
Highest Hourly Mean Velocity	15	9	18
Highest Gust	33	9	18
		9	22

Percentage Time vs Wind Direction

