

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 2022

		From norm	Day	Comments
Mean Air Temp (°C)	7.7	2.7		
Mean Air Maximum (°C)	11.5	3.3		
Mean Air Minimum (°C)	3.8	2.0		
Highest Maximum (°C)	17.9		26	
Lowest Maximum (°C)	6.0		30	
Highest Minimum (°C)	8.1		11	
Lowest Minimum (°C)	-1.7		31	
Mean Grass Minimum (°C)	0.6			
Lowest Grass Minimum (°C)	-5.2		21	
Mean Concrete Minimum (°C)	1.9			
Lowest Concrete Minimum (°C)	-2.5		8	
Mean 10cm. Soil Temp (°C)	6.1	1.4		
Mean 30cm. Soil Temp (°C)	7.2	2.7		
Mean 100cm. Soil Temp (°C)	7.2	2.1		
Air Frost (days)	2	-7		
Ground Frost (days)	16	-1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	37.4	-18.9		
Days with 0.2mm or more	12	-4		
Days with 1.0mm or more	7	-5		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	11.2		3	
Relative Humidity (%)	80			
Sunshine (hours)	176.6	84.7		
Sunniest Day (hours)	10.4		19	
Days with Nil Sunshine	2	-5		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

March 2022

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	130	17.5%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.2

	Knots	Date	Time
Highest Hourly Mean Velocity	14.96	19	12
Highest Gust	29.87	19	12

Percentage Time vs Wind Direction

