

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 :-

August 2022

		From norm	Day	Comments
Mean Air Temp (°C)	18.0	3.1		
Mean Air Maximum (°C)	22.7	3.9		
Mean Air Minimum (°C)	13.3	2.3		
Highest Maximum (°C)	30.4		14	
Lowest Maximum (°C)	18.0		5	
Highest Minimum (°C)	18.0		12	
Lowest Minimum (°C)	7.5		6	
Mean Grass Minimum (°C)	10.4			
Lowest Grass Minimum (°C)	3.8		6	
Mean Concrete Minimum (°C)	12.5			
Lowest Concrete Minimum (°C)	7.7		6	
Mean 10cm. Soil Temp (°C)	17.8	1.4		
Mean 30cm. Soil Temp (°C)	17.9	2.5		
Mean 100cm. Soil Temp (°C)	15.9	2.0		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	21			
Rainfall (mm)	30.6	-47.8		
Days with 0.2mm or more	9	-6		
Days with 1.0mm or more	6	-6		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	9.6		16	
Relative Humidity (%)	73			
Sunshine (hours)	212.8	59.5		
Sunniest Day (hours)	13.0		11	
Days with Nil Sunshine	0	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

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Summary of Wind Data for :-

August 2022

Force	Total	%
Hours of Calm	1	0.1%
Hours of 10 Knots (12mph) or over	5	0.7%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.5

	Knots	Date	Time
Highest Hourly Mean Velocity	12	20	13
Highest Gust	25	20	11

Percentage Time vs Wind Direction

