

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 :-

September 2022

		From norm	Day	Comments
Mean Air Temp (°C)	13.9	1.2		
Mean Air Maximum (°C)	17.8	1.5		
Mean Air Minimum (°C)	10.0	0.9		
Highest Maximum (°C)	22.8		5	
Lowest Maximum (°C)	10.8		27	
Highest Minimum (°C)	15.1		3	
Lowest Minimum (°C)	4.0		17	
Mean Grass Minimum (°C)	7.3			
Lowest Grass Minimum (°C)	-0.6		17	
Mean Concrete Minimum (°C)	9.7			
Lowest Concrete Minimum (°C)	4.1		25	
Mean 10cm. Soil Temp (°C)	14.3	0.9		
Mean 30cm. Soil Temp (°C)	15.4	1.9		
Mean 100cm. Soil Temp (°C)	15.3	1.8		
Air Frost (days)	0	0		
Ground Frost (days)	3	3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	7			
Rainfall (mm)	75.2	6.1		
Days with 0.2mm or more	18	3		
Days with 1.0mm or more	14	3		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	10.6		30	
Relative Humidity (%)	87			
Sunshine (hours)	116.9	4.9		
Sunniest Day (hours)	8.3		1	
Days with Nil Sunshine	0	-4		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

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Summary of Wind Data for :-

September 2022

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

Mean Wind Speed (Knots) 4.9

	Knots	Date	Time
Highest Hourly Mean Velocity	11	26	10
Highest Gust	24	26	10
		26	14
		26	21
		30	15.00

Percentage Time vs Wind Direction

