

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 2022

		From norm	Day	Comments
Mean Air Temp (°C)	8.9	1.6		
Mean Air Maximum (°C)	13.2	2.2		
Mean Air Minimum (°C)	4.6	1.1		
Highest Maximum (°C)	19.2		16	
Lowest Maximum (°C)	7.4		7	
Highest Minimum (°C)	8.5		13	
Lowest Minimum (°C)	-1.2		1	
Mean Grass Minimum (°C)	1.1			
Lowest Grass Minimum (°C)	-8.7		3	
Mean Concrete Minimum (°C)	3.2			
Lowest Concrete Minimum (°C)	-2.8		3	
Mean 10cm. Soil Temp (°C)	8.5	0.5		
Mean 30cm. Soil Temp (°C)	9.1	1.9		
Mean 100cm. Soil Temp (°C)	8.4	2.0		
Air Frost (days)	4	0		
Ground Frost (days)	11	-2		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	34.8	-20.2		
Days with 0.2mm or more	11	-4		
Days with 1.0mm or more	8	-3		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	6.8		7	
Relative Humidity (%)	75			
Sunshine (hours)	187.2	57.2		
Sunniest Day (hours)	12.3		29	
Days with Nil Sunshine	1	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

April 2022

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	137	19.0%
Gusts of 34Knots (39mph) or over	3	

Mean Wind Speed (Knots) 6.1

	Knots	Date	Time
Highest Hourly Mean Velocity	15.45	7	14

Highest Gust	35.19	7	12
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Percentage Time vs Wind Direction

