

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 2024

		From norm	Day	Comments
Mean Air Temp (°C)	15.9	1.0		
Mean Air Maximum (°C)	19.9	1.1		
Mean Air Minimum (°C)	11.8	0.8		
Highest Maximum (°C)	24.8		11	
Lowest Maximum (°C)	15.9		25	
Highest Minimum (°C)	16.5		12	
Lowest Minimum (°C)	7.2		25	
Mean Grass Minimum (°C)	9.6			
Lowest Grass Minimum (°C)	2.7		17	
Mean Concrete Minimum (°C)	12.6			
Lowest Concrete Minimum (°C)	8.5		17	
Mean 10cm. Soil Temp (°C)	15.6	-0.8		
Mean 30cm. Soil Temp (°C)	16.6	1.2		
Mean 100cm. Soil Temp (°C)	15.3	1.4		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	8			
Rainfall (mm)	30.2	-48.2		
Days with 0.2mm or more	13	-2		
Days with 1.0mm or more	7	-5		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	6.4		13	
Relative Humidity (%)	78			
Sunshine (hours)	0.0	-153.3		
Sunniest Day (hours)	0.0		1	
Days with Nil Sunshine	31	28		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

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Summary of Wind Data for :-

August 2024

Force	Total	%	
Hours of Calm	-		
Hours of 10 Knots (12mph) or over	-		
Gusts of 34Knots (39mph) or over	-		
Mean Wind Speed (Knots)	-		
Highest Hourly Mean Velocity	Knots	Date	Time
	-	-	-
Highest Gust	-		

Percentage Time vs Wind Direction

