

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 :-

July 2024

		From norm	Day	Comments
Mean Air Temp (°C)	15.5	0.4		
Mean Air Maximum (°C)	19.5	0.5		
Mean Air Minimum (°C)	11.4	0.3		
Highest Maximum (°C)	26.6		31	
Lowest Maximum (°C)	14.1		11	
Highest Minimum (°C)	15.9		20	
Lowest Minimum (°C)	7.5		8	
Mean Grass Minimum (°C)	8.9			
Lowest Grass Minimum (°C)	3.8		8	
Mean Concrete Minimum (°C)	12.4			
Lowest Concrete Minimum (°C)	8.3		4	
Mean 10cm. Soil Temp (°C)	16.3	-1.1		
Mean 30cm. Soil Temp (°C)	16.9	1.4		
Mean 100cm. Soil Temp (°C)	14.9	1.9		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	9			
Rainfall (mm)	73	7.6		
Days with 0.2mm or more	20	6		
Days with 1.0mm or more	11	0		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	21.2		15	
Relative Humidity (%)	79			
Sunshine (hours)	No			
Sunniest Day (hours)	Data			
Days with Nil Sunshine	Available			
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

July 2024

Force	Total	%
Hours of Calm	No	
Hours of 10 Knots (12mph) or over	Data	
Gusts of 34Knots (39mph) or over	Available	

Mean Wind Speed (Knots) -

Highest Hourly Mean Velocity	Knots	Date	Time
	-	-	-

Highest Gust -

Percentage Time vs Wind Direction

