

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 :-

June 2023

		From norm	Day	Comments
Mean Air Temp (°C)	16.8	3.5		
Mean Air Maximum (°C)	21.6	4.2		
Mean Air Minimum (°C)	11.9	2.7		
Highest Maximum (°C)	28.2		12	
Lowest Maximum (°C)	13.3		6	
Highest Minimum (°C)	16.7		13	
Lowest Minimum (°C)	6.7		3 & 4	
Mean Grass Minimum (°C)	9.8			
Lowest Grass Minimum (°C)	2.1		4	
Mean Concrete Minimum (°C)	11.2			
Lowest Concrete Minimum (°C)	5.2		4	
Mean 10cm. Soil Temp (°C)	17.1	1.3		
Mean 30cm. Soil Temp (°C)	17.0	3.2		
Mean 100cm. Soil Temp (°C)	13.9	2.8		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	16			
Rainfall (mm)	55.6	-13.1		
Days with 0.2mm or more	12	-3		
Days with 1.0mm or more	8	-3		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	10.6		20	
Relative Humidity (%)	71			
Sunshine (hours)	255.5	96.4		
Sunniest Day (hours)	14.6		13	
Days with Nil Sunshine	2	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

School of Earth Sciences and Geography, Keele University
Keele, Staffordshire, ST5 5BG

tel : 01782 583169
email : m.b.edge@keele.ac.uk

Summary of Wind Data for :-

June 2023

Force	Total	%
Hours of Calm	0	
Hours of 10 Knots (12mph) or over	2	
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.1

	Knots	Date	Time
Highest Hourly Mean Velocity	10	9	16
Highest Gust	24	12	17

Percentage Time vs Wind Direction

