

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 2022

		From norm	Day	Comments
Mean Air Temp (°C)	14.6	1.3		
Mean Air Maximum (°C)	19.2	1.8		
Mean Air Minimum (°C)	10.0	0.8		
Highest Maximum (°C)	28.3		17	
Lowest Maximum (°C)	10.6		5	
Highest Minimum (°C)	15.1		17	
Lowest Minimum (°C)	6.1		19	
Mean Grass Minimum (°C)	7.6			
Lowest Grass Minimum (°C)	1.4		1	
Mean Concrete Minimum (°C)	10.1			
Lowest Concrete Minimum (°C)	6.6		1	
Mean 10cm. Soil Temp (°C)	15.3	-0.5		
Mean 30cm. Soil Temp (°C)	15.2	1.4		
Mean 100cm. Soil Temp (°C)	13.0	1.9		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	6			
Rainfall (mm)	35.8	-32.9		
Days with 0.2mm or more	16	1		
Days with 1.0mm or more	10	-1		
Days with 5.0mm or more	1			
Greatest fall in one day (mm)	11		4	
Relative Humidity (%)	73			
Sunshine (hours)	200.5	41.4		
Sunniest Day (hours)	13.8		22	
Days with Nil Sunshine	1	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Summary of Wind Data for :-

June 2022

Force	Total	%
Hours of Calm	0	
Hours of 10 Knots (12mph) or over	24	
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.8

	Knots	Date	Time
Highest Hourly Mean Velocity	11.86	11	16
Highest Gust	25.57	11	13

Percentage Time vs Wind Direction

