

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 2021

	From norm	Day	Comments
Mean Air Temp (°C)	17.5		
Mean Air Maximum (°C)	21.8		
Mean Air Minimum (°C)	13.1		
Highest Maximum (°C)	29.4	22	
Lowest Maximum (°C)	16.5	31	
Highest Minimum (°C)	16.5	20	
Lowest Minimum (°C)	9.7	29	
Mean Grass Minimum (°C)	11.1		
Lowest Grass Minimum (°C)	7.3	9	
Mean Concrete Minimum (°C)	13.3		
Lowest Concrete Minimum (°C)	9.4	29	
Mean 10cm. Soil Temp (°C)	18.2		
Mean 30cm. Soil Temp (°C)	17.8		
Mean 100cm. Soil Temp (°C)	14.7		
Air Frost (days)	0		
Ground Frost (days)	0		
Ice Days (below 0°C)	0		
Hot Days (over 21°C)	16		
Rainfall (mm)	86.4		
Days with 0.2mm or more	13		
Days with 1.0mm or more	11		
Days with 5.0mm or more	7		
Greatest fall in one day (mm)	28.4	4	
Relative Humidity (%)	80		
Sunshine (hours)	-		
Sunniest Day (hours)	-		
Days with Nil Sunshine	-		
Mean Barometric Pressure (mb)	No		
Maxima (mb)	Data		
Minima (mb)	Available		

Summary of Wind Data for :-

July 2021

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

