

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 :-

September 2020

		From norm	Day	Comments
Mean Air Temp (°C)	13.7	1.0		
Mean Air Maximum (°C)	18.0	1.7		
Mean Air Minimum (°C)	9.4	0.3		
Highest Maximum (°C)	27.1		15	
Lowest Maximum (°C)	12.5		26	
Highest Minimum (°C)	15.5		15	
Lowest Minimum (°C)	2.3		28	
Mean Grass Minimum (°C)	6.7			
Lowest Grass Minimum (°C)	-2.9		28	
Mean Concrete Minimum (°C)	9.5			
Lowest Concrete Minimum (°C)	3.2		26	
Mean 10cm. Soil Temp (°C)	13.3	-0.1		
Mean 30cm. Soil Temp (°C)	14.9	1.4		
Mean 100cm. Soil Temp (°C)	14.5	1.0		
Air Frost (days)	0	0		
Ground Frost (days)	1	1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	6			
Rainfall (mm)	40.6	-28.5		
Days with 0.2mm or more	14	-1		
Days with 1.0mm or more	8	-3		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	11.6		30	
Relative Humidity (%)	84			
Sunshine (hours)	163.5	51.5		
Sunniest Day (hours)	10.2		13	
Days with Nil Sunshine	0	-4		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

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Summary of Wind Data for :-

September 2020

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	31	4.3%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.1

	Knots	Date	Time
Highest Hourly Mean Velocity	13	25	9
		25	12
		25	13
Highest Gust	31	25	9

Percentage Time vs Wind Direction

