

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 2019

		From norm	Day	Comments
Mean Air Temp (°C)	16.8	1.7		
Mean Air Maximum (°C)	20.9	1.9		
Mean Air Minimum (°C)	12.7	1.6		
Highest Maximum (°C)	31.9		25	
Lowest Maximum (°C)	15.6		27	
Highest Minimum (°C)	17.5		24	
Lowest Minimum (°C)	7.3		2	
Mean Grass Minimum (°C)	10.5			
Lowest Grass Minimum (°C)	3.1		2	
Mean Concrete Minimum (°C)	12.7			
Lowest Concrete Minimum (°C)	7.0		3	
Mean 10cm. Soil Temp (°C)	17.6	0.2		
Mean 30cm. Soil Temp (°C)	17.6	2.1		
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)	11			
Rainfall (mm)	120.8	55.4		
Days with 0.2mm or more	18	4		
Days with 1.0mm or more	11	0		
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	34		28	
Relative Humidity (%)	80			
Sunshine (hours)	182.3	17.0		
Sunniest Day (hours)	14.2		3	
Days with Nil Sunshine	1	-1		
Mean Barometric Pressure (mb)		No		
Maxima (mb)		Data		
Minima (mb)		Available		

Supplied by:

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Summary of Wind Data for :-

July 2019

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	29	3.9%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.2

	Knots	Date	Time
Highest Hourly Mean Velocity	12	22	9

Highest Gust	24	1	18
		22	10

Percentage Time vs Wind Direction

