

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 2019

		From norm	Day	Comments
Mean Air Temp (°C)	13.4	0.1		
Mean Air Maximum (°C)	17.2	-0.2		
Mean Air Minimum (°C)	9.5	0.3		
Highest Maximum (°C)	28.1		29	
Lowest Maximum (°C)	9.3		11	
Highest Minimum (°C)	14.8		25	
Lowest Minimum (°C)	0.0		6	
Mean Grass Minimum (°C)	7.8			
Lowest Grass Minimum (°C)	0.0		6	
Mean Concrete Minimum (°C)	9.6			
Lowest Concrete Minimum (°C)	0.0		6	
Mean 10cm. Soil Temp (°C)	14.1	-1.7		
Mean 30cm. Soil Temp (°C)	14.3	0.5		
Mean 100cm. Soil Temp (°C)	12.4	1.3		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	3			
Rainfall (mm)	138.4	69.7		
Days with 0.2mm or more	21	6		
Days with 1.0mm or more	18	7		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	40.2		11	
Relative Humidity (%)	82			
Sunshine (hours)	143.9	49.0		
Sunniest Day (hours)	13.5		28	
Days with Nil Sunshine	3	-1		
Mean Barometric Pressure (mb)		NO		
Maxima (mb)		DATA		
Minima (mb)		AVAILABLE		

Supplied by:

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Summary of Wind Data for :-

June 2019

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	41	5.7%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.1

	Knots	Date	Time
Highest Hourly Mean Velocity	12	30	14

Highest Gust	27	30	13
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Percentage Time vs Wind Direction

