

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 :-

April 2019

		From norm	Day	Comments
Mean Air Temp (°C)	8.9	1.6		
Mean Air Maximum (°C)	13.2	2.2		
Mean Air Minimum (°C)	4.6	1.1		
Highest Maximum (°C)	21.4		20	
Lowest Maximum (°C)	5.3		3	
Highest Minimum (°C)	11.4		23	
Lowest Minimum (°C)	-0.3		11	
Mean Grass Minimum (°C)	1.8			
Lowest Grass Minimum (°C)	-6.1		11	
Mean Concrete Minimum (°C)	3.4			
Lowest Concrete Minimum (°C)	-1.7		14	
Mean 10cm. Soil Temp (°C)	8.1	0.1		
Mean 30cm. Soil Temp (°C)	9.5	2.3		
Mean 100cm. Soil Temp (°C)	8.7	2.3		
Air Frost (days)	3	-1		
Ground Frost (days)	7	-6		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	3			
Rainfall (mm)	63.8	8.8		
Days with 0.2mm or more	10	-5		
Days with 1.0mm or more	8	-3		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	29		27	
Relative Humidity (%)	75			
Sunshine (hours)	212.7	82.7		
Sunniest Day (hours)	12.4		20	
Days with Nil Sunshine	2	-2		

Summary of Wind Data for :-

April 2019

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	96	13.3%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.6

	Knots	Date	Time
Highest Hourly Mean Velocity	15	15	12
		15	13

Highest Gust	30	5	10
		15	12
		27	1
		27	8.00

Percentage Time vs Wind Direction

