

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 :-

March 2019

		From norm	Day	Comments
Mean Air Temp (°C)	7.4	4.5		
Mean Air Maximum (°C)	10.7	5.2		
Mean Air Minimum (°C)	4.0	3.8		
Highest Maximum (°C)	16.7		20	
Lowest Maximum (°C)	6.6		7	
Highest Minimum (°C)	9.0		22	
Lowest Minimum (°C)	0.3		10	
Mean Grass Minimum (°C)	2.0			
Lowest Grass Minimum (°C)	-3.4		24	
Mean Concrete Minimum (°C)	3.1			
Lowest Concrete Minimum (°C)	-0.1		4	
Mean 10cm. Soil Temp (°C)	6.2	3.7		
Mean 30cm. Soil Temp (°C)	7.6	4.4		
Mean 100cm. Soil Temp (°C)	7.5	2.6		
Air Frost (days)	0	-13		
Ground Frost (days)	9	-11		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	94	43.1		
Days with 0.2mm or more	20	5		
Days with 1.0mm or more	17	7		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	12.6		11	
Relative Humidity (%)	86			
Sunshine (hours)	126.2	69.0		
Sunniest Day (hours)	11.0		28	
Days with Nil Sunshine	0	-10		

Summary of Wind Data for :-

March 2019

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	150	20.2%
Gusts of 34Knots (39mph) or over	13	

Mean Wind Speed (Knots) 6.8

	Knots	Date	Time
Highest Hourly Mean Velocity	18	13	8
		13	9
		13	13

Highest Gust 40 13 9

Percentage Time vs Wind Direction

