

# 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 2020**

		From norm	Day	Comments
Mean Air Temp (°C)	5.8	2.9		
Mean Air Maximum (°C)	9.7	4.2		
Mean Air Minimum (°C)	1.9	1.7		
Highest Maximum (°C)	15.6		24	
Lowest Maximum (°C)	6.1		18	
Highest Minimum (°C)	5.6		8	
Lowest Minimum (°C)	-2.0		27	
Mean Grass Minimum (°C)	-1.4			
Lowest Grass Minimum (°C)	-9.6		27	
Mean Concrete Minimum (°C)	0.9			
Lowest Concrete Minimum (°C)	-3.0		27	
Mean 10cm. Soil Temp (°C)	4.5	2.0		
Mean 30cm. Soil Temp (°C)	6.0	2.8		
Mean 100cm. Soil Temp (°C)	6.6	1.7		
Air Frost (days)	4	-9		
Ground Frost (days)	19	-1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	39.6	-11.3		
Days with 0.2mm or more	12	-3		
Days with 1.0mm or more	10	0		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	12.2		9	
Relative Humidity (%)	78			
Sunshine (hours)	159.1	101.9		
Sunniest Day (hours)	11.0		25	
Days with Nil Sunshine	1	-9		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

## Summary of Wind Data for :-

March 2020

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	122	16.4%
Gusts of 34Knots (39mph) or over	6	

**Mean Wind Speed (Knots)** 6.6

	Knots	Date	Time
<b>Highest Hourly Mean Velocity</b>	17	12	12
		12	14

**Highest Gust** 38 12 1

## Percentage Time vs Wind Direction

