

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 :-

February 2019

		From norm	Day	Comments
Mean Air Temp (°C)	6.5	3.7		
Mean Air Maximum (°C)	10.3	5.8		
Mean Air Minimum (°C)	2.6	2.4		
Highest Maximum (°C)	17.0		26	
Lowest Maximum (°C)	2.6		1	
Highest Minimum (°C)	7.0		21	
Lowest Minimum (°C)	-4.1		3	
Mean Grass Minimum (°C)	0.1			
Lowest Grass Minimum (°C)	-11.7		3	
Mean Concrete Minimum (°C)	1.1			
Lowest Concrete Minimum (°C)	-4.5		3	
Mean 10cm. Soil Temp (°C)	4.3	1.8		
Mean 30cm. Soil Temp (°C)	5.4	2.2		
Mean 100cm. Soil Temp (°C)	6.3	1.4		
Air Frost (days)	5	-8		
Ground Frost (days)	13	-7		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	37.4	-13.5		
Days with 0.2mm or more	14	-1		
Days with 1.0mm or more	8	-2		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	10.4		28	
Relative Humidity (%)	91			
Sunshine (hours)	131.9	74.7		
Sunniest Day (hours)	9.0		25	
Days with Nil Sunshine	1	-9		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

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Summary of Wind Data for :-

February 2019

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	45	6.7%
Gusts of 34Knots (39mph) or over	4	

Mean Wind Speed (Knots) 5.4

	Knots	Date	Time
Highest Hourly Mean Velocity	17	9	2
		9	3
		9	5

Highest Gust	35	9	3
		9	4
		9	6

Percentage Time vs Wind Direction

