

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 :-

January 2020

		From norm	Day	Comments
Mean Air Temp (°C)	5.4	2.5		
Mean Air Maximum (°C)	7.8	2.5		
Mean Air Minimum (°C)	3.0	2.6		
Highest Maximum (°C)	12.2		14	
Lowest Maximum (°C)	2.9		19	
Highest Minimum (°C)	6.9		12	
Lowest Minimum (°C)	-2.1		19	
Mean Grass Minimum (°C)	1.1			
Lowest Grass Minimum (°C)	-5.9		19	
Mean Concrete Minimum (°C)	2.3			
Lowest Concrete Minimum (°C)	-1.9		19	
Mean 10cm. Soil Temp (°C)	4.8	2.3		
Mean 30cm. Soil Temp (°C)	5.8	2.5		
Mean 100cm. Soil Temp (°C)	7.2	1.5		
Air Frost (days)	3	-11		
Ground Frost (days)	13	-8		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	56.6	-14.4		
Days with 0.2mm or more	22	4		
Days with 1.0mm or more	12	-1		
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	12		8	
Relative Humidity (%)	92			
Sunshine (hours)	51.0	7.0		
Sunniest Day (hours)	6.3		20	
Days with Nil Sunshine	7	-7		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

Supplied by:

School of Earth Sciences and Geography, Keele University
Keele, Staffordshire, ST5 5BG

tel : 01782 583169
email : m.b.edge@keele.ac.uk

Summary of Wind Data for :-

January 2020

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	42	5.6%
Gusts of 34Knots (39mph) or over	1	

Mean Wind Speed (Knots) 5.5

	Knots	Date	Time
Highest Hourly Mean Velocity	15	14	17
Highest Gust	34	13	17

Percentage Time vs Wind Direction

