

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 :-

December 2017

		From norm	Day	Comments
Mean Air Temp (°C)	4.3	0.3		
Mean Air Maximum (°C)	6.8	0.3		
Mean Air Minimum (°C)	1.7	0.2		
Highest Maximum (°C)	11.5		6	
Lowest Maximum (°C)	0.1		10	
Highest Minimum (°C)	8.2		25	
Lowest Minimum (°C)	-5.7		13	
Mean Grass Minimum (°C)	0.1			
Lowest Grass Minimum (°C)	-10.0		12	
Mean Concrete Minimum (°C)	1.6			
Lowest Concrete Minimum (°C)	-4.3		12	
Mean 10cm. Soil Temp (°C)	4.4	0.9		
Mean 30cm. Soil Temp (°C)	6.0	1.4		
Mean 100cm. Soil Temp (°C)	8.1	0.8		
Air Frost (days)	12	1		
Ground Frost (days)	18	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	79.4	8.7		
Days with 0.2mm or more	24	5		
Days with 1.0mm or more	18	5		
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	10.8		14	
Relative Humidity (%)	96			
Sunshine (hours)	No			
Sunniest Day (hours)	data			
Days with Nil Sunshine	available			
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

December 2017

Force	Total	%
Hours of Calm	No	
Hours of 10 Knots (12mph) or over	data	
Gusts of 34Knots (39mph) or over	available	

Mean Wind Speed (Knots) -

Highest Hourly Mean Velocity	Knots	Date	Time
	-	-	-

Highest Gust -

Percentage Time vs Wind Direction

