

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 :-

May 2016

		From norm	Day	Comments
Mean Air Temp (°C)	12.0	1.4		
Mean Air Maximum (°C)	16.6	2.0		
Mean Air Minimum (°C)	7.4	0.9		
Highest Maximum (°C)	23.8		9	
Lowest Maximum (°C)	10.9		25	
Highest Minimum (°C)	14.1		9	
Lowest Minimum (°C)	1.5		1	
Mean Grass Minimum (°C)	4.0			
Lowest Grass Minimum (°C)	-2.6		15	
Mean Concrete Minimum (°C)	7.5			
Lowest Concrete Minimum (°C)	1.8		1	
Mean 10cm. Soil Temp (°C)	12.2	-0.1		
Mean 30cm. Soil Temp (°C)	12.4	1.7		
Mean 100cm. Soil Temp (°C)	10.5	1.8		
Air Frost (days)	0	0		
Ground Frost (days)	8	4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	3			
Rainfall (mm)	49.4	-13.2		
Days with 0.2mm or more	13	-3		
Days with 1.0mm or more	9	-3		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	13.2		21	
Relative Humidity (%)	72			
Sunshine (hours)	222.1	47.4		
Sunniest Day (hours)	12.9		4	
Days with Nil Sunshine	1	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Summary of Wind Data for :-

May 2016

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	43	5.8%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.8

Highest Hourly Mean Velocity	Knots	Date	Time
	13	9	13

Highest Gust	27	8	15
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Percentage Time vs Wind Direction

