

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 :-

April 2015

		From norm	Day	Comments
Mean Air Temp (°C)	8.8	1.5		
Mean Air Maximum (°C)	13.5	2.5		
Mean Air Minimum (°C)	4.1	0.6		
Highest Maximum (°C)	18.0		10	
Lowest Maximum (°C)	8.6		2	
Highest Minimum (°C)	8.3		25	
Lowest Minimum (°C)	-0.5		27	
Mean Grass Minimum (°C)	1.2			
Lowest Grass Minimum (°C)	-6.0		27	
Mean Concrete Minimum (°C)	3.9			
Lowest Concrete Minimum (°C)	-0.3		27	
Mean 10cm. Soil Temp (°C)	8.8	0.8		
Mean 30cm. Soil Temp (°C)	9.5	2.3		
Mean 100cm. Soil Temp (°C)	8.4	2.0		
Air Frost (days)	1	-3		
Ground Frost (days)	10	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	28.4	-26.6		
Days with 0.2mm or more	10	-5		
Days with 1.0mm or more	7	-4		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	9.4		1	
Relative Humidity (%)	77			
Sunshine (hours)	216.6	86.6		
Sunniest Day (hours)	12.5		26	
Days with Nil Sunshine	1	-3		
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 :-

April 2015

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	57	7.9%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.8

Highest Hourly Mean Velocity	Knots	Date	Time
	16	12	13

Highest Gust	33	12	13
--------------	----	----	----

Percentage Time vs Wind Direction

