

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 :-

July 2014

		From norm	Day	Comments
Mean Air Temp (°C)	17.0	1.9		
Mean Air Maximum (°C)	21.7	2.7		
Mean Air Minimum (°C)	12.2	1.1		
Highest Maximum (°C)	26.6		26	
Lowest Maximum (°C)	17.9		6	
Highest Minimum (°C)	16.5		19	
Lowest Minimum (°C)	8.5		14	
Mean Grass Minimum (°C)	10.0			
Lowest Grass Minimum (°C)	5.2		14	
Mean Concrete Minimum (°C)	12.7			
Lowest Concrete Minimum (°C)	9.5		14	
Mean 10cm. Soil Temp (°C)	17.8	0.4		
Mean 30cm. Soil Temp (°C)	18.2	2.7		
Mean 100cm. Soil Temp (°C)	15.8	2.8		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	16			
Rainfall (mm)	67.4	2.0		
Days with 0.2mm or more	13	-1		
Days with 1.0mm or more	6	-5		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	18.4		18	
Relative Humidity (%)	75			
Sunshine (hours)	236.7	71.4		
Sunniest Day (hours)	13.6		23	
Days with Nil Sunshine	0	-2		
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 :-

July 2014

Force	Total	%
Hours of Calm	124	19.1%
Hours of 10 Knots (12mph) or over	32	4.9%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.2

Highest Hourly Mean Velocity	Knots	Date	Time
	13	9	13
		9	15

Highest Gust 26 18 9

Percentage Time vs Wind Direction

