

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 :-

August 2011

		From norm	Day	Comments
Mean Air Temp (°C)	15.0	0.1		
Mean Air Maximum (°C)	18.9	0.1		
Mean Air Minimum (°C)	11.1	0.1		
Highest Maximum (°C)	25.7		3	
Lowest Maximum (°C)	13.2		29	
Highest Minimum (°C)	15.6		1	
Lowest Minimum (°C)	7.5		19	
Mean Grass Minimum (°C)	9.3			
Lowest Grass Minimum (°C)	4.4		19	
Mean Concrete Minimum (°C)	11.4			
Lowest Concrete Minimum (°C)	7.8		19	
Mean 10cm. Soil Temp (°C)	15.7	-0.7		
Mean 30cm. Soil Temp (°C)	16.2	0.8		
Mean 100cm. Soil Temp (°C)	14.9	1.0		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	4			
Rainfall (mm)	43.6	-34.8		
Days with 0.2mm or more	17	2		
Days with 1.0mm or more	10	-2		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	10.6		10	
Relative Humidity (%)	81			
Sunshine (hours)	126.2	-27.1		
Sunniest Day (hours)	7.4		23	
Days with Nil Sunshine	0	-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 :-

August 2011

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	36	4.8%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.0

	Knots	Date	Time
Highest Hourly Mean Velocity	15	8	18

Highest Gust 29 10 11

Percentage Time vs Wind Direction

