

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 :-

September 2011

		From norm	Day	Comments
Mean Air Temp (°C)	14.5	1.8		
Mean Air Maximum (°C)	18.5	2.2		
Mean Air Minimum (°C)	10.5	1.4		
Highest Maximum (°C)	26.5		30	
Lowest Maximum (°C)	14.5		20	
Highest Minimum (°C)	16.2		10	
Lowest Minimum (°C)	6.2		18	
Mean Grass Minimum (°C)	8.2			
Lowest Grass Minimum (°C)	2.9		18	
Mean Concrete Minimum (°C)	10.1			
Lowest Concrete Minimum (°C)	6.7		18	
Mean 10cm. Soil Temp (°C)	13.5	0.1		
Mean 30cm. Soil Temp (°C)	14.4	0.9		
Mean 100cm. Soil Temp (°C)	14.0	0.5		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	5			
Rainfall (mm)	36.47	-32.6		
Days with 0.2mm or more	14	-1		
Days with 1.0mm or more	9	-2		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	8.39		19	
Relative Humidity (%)	83			
Sunshine (hours)	121.7	9.7		
Sunniest Day (hours)	9.6		28	
Days with Nil Sunshine	0	-4		
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 :-

September 2011

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	71	9.9%
Gusts of 34Knots (39mph) or over	6	

Mean Wind Speed (Knots) 5.7

Highest Hourly Mean Velocity	Knots	Date	Time
	18	12	9

Highest Gust	39	12	7
--------------	----	----	---

Percentage Time vs Wind Direction

