

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 :-

October 2012

		From norm	Day	Comments
Mean Air Temp (°C)	8.7	-1.0		
Mean Air Maximum (°C)	11.9	-1.0		
Mean Air Minimum (°C)	5.5	-0.9		
Highest Maximum (°C)	14.7		18	
Lowest Maximum (°C)	7.8		27	
Highest Minimum (°C)	11.7		24	
Lowest Minimum (°C)	-1.8		27	
Mean Grass Minimum (°C)	3.1			
Lowest Grass Minimum (°C)	-4.4		28	
Mean Concrete Minimum (°C)	5.4			
Lowest Concrete Minimum (°C)	-0.2		27	
Mean 10cm. Soil Temp (°C)	9.0	-0.8		
Mean 30cm. Soil Temp (°C)	11.0	0.4		
Mean 100cm. Soil Temp (°C)	11.9	0.0		
Air Frost (days)	1	0		
Ground Frost (days)	7	1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	85.2	14.3		
Days with 0.2mm or more	20	3		
Days with 1.0mm or more	12	-1		
Days with 5.0mm or more	5			
Greatest fall in one day (mm)	34.2		11	
Relative Humidity (%)	90			
Sunshine (hours)	98.4	11.0		
Sunniest Day (hours)	7.0		7	
Days with Nil Sunshine	2	-5		
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 :-

October 2012

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	48	6.6%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.3

Highest Hourly Mean Velocity	Knots	Date	Time
	14	17	5

Highest Gust	29	12	4
--------------	----	----	---

Percentage Time vs Wind Direction

