

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 :-

January 2013

		From norm	Day	Comments
Mean Air Temp (°C)	2.9	0.0		
Mean Air Maximum (°C)	5.1	-0.2		
Mean Air Minimum (°C)	0.6	0.2		
Highest Maximum (°C)	12.7		29	
Lowest Maximum (°C)	-2.2		16	
Highest Minimum (°C)	7.3		4	
Lowest Minimum (°C)	-4.8		25	
Mean Grass Minimum (°C)	-0.6			
Lowest Grass Minimum (°C)	-10.1		25	
Mean Concrete Minimum (°C)	0.3			
Lowest Concrete Minimum (°C)	-5.5		25	
Mean 10cm. Soil Temp (°C)	2.9	0.4		
Mean 30cm. Soil Temp (°C)	4.4	1.1		
Mean 100cm. Soil Temp (°C)	6.0	0.3		
Air Frost (days)	16	2		
Ground Frost (days)	19	-2		
Ice Days (below 0°C)	4			
Hot Days (over 21°C)	0			
Rainfall (mm)	69.8	-1.2		
Days with 0.2mm or more	21	3		
Days with 1.0mm or more	13	0		
Days with 5.0mm or more	3			
Greatest fall in one day (mm)	30		26	
Relative Humidity (%)	94			
Sunshine (hours)	59.9	15.9		
Sunniest Day (hours)	5.0		31	
Days with Nil Sunshine	2	-12		
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 :-

January 2013

Force	Total	%
Hours of Calm	23	3.1%
Hours of 10 Knots (12mph) or over	114	15.3%
Gusts of 34Knots (39mph) or over	4	

Mean Wind Speed (Knots) 6.1

Highest Hourly Mean Velocity	Knots	Date	Time
	17	30	14
		30	16

Highest Gust 38 30 14

Percentage Time vs Wind Direction

