

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 2012

		From norm	Day	Comments
Mean Air Temp (°C)	14.8	-0.3		
Mean Air Maximum (°C)	18.4	-0.6		
Mean Air Minimum (°C)	11.2	0.1		
Highest Maximum (°C)	25.5		24	
Lowest Maximum (°C)	13.3		10	
Highest Minimum (°C)	15.2		25	
Lowest Minimum (°C)	6.6		12	
Mean Grass Minimum (°C)	10.0			
Lowest Grass Minimum (°C)	4.1		12	
Mean Concrete Minimum (°C)	12.6			
Lowest Concrete Minimum (°C)	8.5		12	
Mean 10cm. Soil Temp (°C)	17.0	-0.4		
Mean 30cm. Soil Temp (°C)	16.9	1.4		
Mean 100cm. Soil Temp (°C)	14.6	1.6		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	6			
Rainfall (mm)	120.4	55.0		
Days with 0.2mm or more	20	6		
Days with 1.0mm or more	16	5		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	22.6		5	
Relative Humidity (%)	83			
Sunshine (hours)	153.8	-11.5		
Sunniest Day (hours)	13.3		22	
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 2012

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	9	1.2%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.1

Highest Hourly Mean Velocity	Knots	Date	Time
	12	11	13

Highest Gust	25	17	17
---------------------	----	----	----

Percentage Time vs Wind Direction

