

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 :-

June 2013

		From norm	Day	Comments
Mean Air Temp (°C)	13.3	0.0		
Mean Air Maximum (°C)	17.4	0.0		
Mean Air Minimum (°C)	9.2	0.0		
Highest Maximum (°C)	21.4		18	
Lowest Maximum (°C)	13.3		23	
Highest Minimum (°C)	13.5		21	
Lowest Minimum (°C)	5.4		1	
Mean Grass Minimum (°C)	7.6			
Lowest Grass Minimum (°C)	2.9		3	
Mean Concrete Minimum (°C)	9.5			
Lowest Concrete Minimum (°C)	5.3		1	
Mean 10cm. Soil Temp (°C)	15.4	-0.4		
Mean 30cm. Soil Temp (°C)	14.5	0.7		
Mean 100cm. Soil Temp (°C)	11.9	0.8		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	1			
Rainfall (mm)	44.4	-24.3		
Days with 0.2mm or more	12	-3		
Days with 1.0mm or more	10	-1		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	14.2		27	
Relative Humidity (%)	78			
Sunshine (hours)	105.9	11.0		
Sunniest Day (hours)	10.3		19	
Days with Nil Sunshine	2	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

June 2013

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	67	9.3%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.2

Highest Hourly Mean Velocity	Knots	Date	Time
	15	23	18

Highest Gust	30	16	00
		23	11

Percentage Time vs Wind Direction

