

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 2015

		From norm	Day	Comments
Mean Air Temp (°C)	14.9	-0.2		
Mean Air Maximum (°C)	19.0	0.0		
Mean Air Minimum (°C)	10.7	-0.4		
Highest Maximum (°C)	29.4		1	
Lowest Maximum (°C)	14.7		28	
Highest Minimum (°C)	17.7		1	
Lowest Minimum (°C)	5.0		31	
Mean Grass Minimum (°C)	8.8			
Lowest Grass Minimum (°C)	0.8		31	
Mean Concrete Minimum (°C)	11.3			
Lowest Concrete Minimum (°C)	5.9		31	
Mean 10cm. Soil Temp (°C)	15.8	-1.6		
Mean 30cm. Soil Temp (°C)	16.5	1.0		
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)	57	-8.4		
Days with 0.2mm or more	20	6		
Days with 1.0mm or more	17	6		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	7.8		26	
Relative Humidity (%)	78			
Sunshine (hours)	164.2	-1.1		
Sunniest Day (hours)	13.8		15	
Days with Nil Sunshine	0	-2		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Summary of Wind Data for :-

July 2015

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	57	7.7%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 5.7

Highest Hourly Mean Velocity	Knots	Date	Time
	15	8	14
		8	15

Highest Gust 33 8 14

Percentage Time vs Wind Direction

