

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 :-

April 2016

		From norm	Day	Comments
Mean Air Temp (°C)	7.1	-0.2		
Mean Air Maximum (°C)	11.2	0.2		
Mean Air Minimum (°C)	3.0	-0.5		
Highest Maximum (°C)	15.6		21	
Lowest Maximum (°C)	7.2		15	
Highest Minimum (°C)	7.2		12	
Lowest Minimum (°C)	-1.6		27	
Mean Grass Minimum (°C)	0.0			
Lowest Grass Minimum (°C)	-5.9		23	
Mean Concrete Minimum (°C)	3.2			
Lowest Concrete Minimum (°C)	-0.8		1	
Mean 10cm. Soil Temp (°C)	7.7	-0.3		
Mean 30cm. Soil Temp (°C)	8.8	1.6		
Mean 100cm. Soil Temp (°C)	8.2	1.8		
Air Frost (days)	6	2		
Ground Frost (days)	16	3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	67.8	12.8		
Days with 0.2mm or more	22	7		
Days with 1.0mm or more	18	7		
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	9.4		28	
Relative Humidity (%)	77			
Sunshine (hours)	168.7	38.7		
Sunniest Day (hours)	11.7		19	
Days with Nil Sunshine	0	-4		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Summary of Wind Data for :-

April 2016

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	94	13.1%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.3

Highest Hourly Mean Velocity	Knots	Date	Time
	15	6	12

Highest Gust	32	10	19
		29	17

Percentage Time vs Wind Direction

