

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 2016

		From norm	Day	Comments
Mean Air Temp (°C)	14.8	1.5		
Mean Air Maximum (°C)	18.6	1.2		
Mean Air Minimum (°C)	10.9	1.7		
Highest Maximum (°C)	23.7		6	
Lowest Maximum (°C)	15.3		28	
Highest Minimum (°C)	15.1		10	
Lowest Minimum (°C)	5.0		3	
Mean Grass Minimum (°C)	9.0			
Lowest Grass Minimum (°C)	-0.3		3	
Mean Concrete Minimum (°C)	12.2			
Lowest Concrete Minimum (°C)	6.5		3	
Mean 10cm. Soil Temp (°C)	16.0	0.2		
Mean 30cm. Soil Temp (°C)	16.3	2.5		
Mean 100cm. Soil Temp (°C)	17.9	6.8		
Air Frost (days)	0	0		
Ground Frost (days)	1	1		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	6			
Rainfall (mm)	130.2	61.5		
Days with 0.2mm or more	18	3		
Days with 1.0mm or more	18	7		
Days with 5.0mm or more	10			
Greatest fall in one day (mm)	23.8		15	
Relative Humidity (%)	81			
Sunshine (hours)	146.9	52.0		
Sunniest Day (hours)	13.3		6	
Days with Nil Sunshine	0	-4		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	data			
Minima (mb)	available			

Supplied by:

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Summary of Wind Data for :-

June 2016

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	10	1.4%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.5

Highest Hourly Mean Velocity	Knots	Date	Time
	13	29	15
		29	16

Highest Gust 26 29 16

Percentage Time vs Wind Direction

