

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 2017

		From norm	Day	Comments
Mean Air Temp (°C)	15.0	1.7		
Mean Air Maximum (°C)	18.8	1.4		
Mean Air Minimum (°C)	11.1	1.9		
Highest Maximum (°C)	29.3		19	
Lowest Maximum (°C)	12.5		28	
Highest Minimum (°C)	15.3		20	
Lowest Minimum (°C)	6.8		5	
Mean Grass Minimum (°C)	9.7			
Lowest Grass Minimum (°C)	2.5		5	
Mean Concrete Minimum (°C)	11.6			
Lowest Concrete Minimum (°C)	7.2		5	
Mean 10cm. Soil Temp (°C)	15.5	-0.3		
Mean 30cm. Soil Temp (°C)	15.7	1.9		
Mean 100cm. Soil Temp (°C)	13.6	2.5		
Air Frost (days)	0	0		
Ground Frost (days)	0	0		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	7			
Rainfall (mm)	70.2	1.5		
Days with 0.2mm or more	17	2		
Days with 1.0mm or more	14	3		
Days with 5.0mm or more	4			
Greatest fall in one day (mm)	24		5	
Relative Humidity (%)	80			
Sunshine (hours)	172.1	77.2		
Sunniest Day (hours)	25.0		2	
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 2017

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	20	2.8%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 4.7

Highest Hourly Mean Velocity	Knots	Date	Time
	13	30	15
		30	16

Highest Gust 26 30 16

Percentage Time vs Wind Direction

