

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 2020

		From norm	Day	Comments
Mean Air Temp (°C)	10.4	3.1		
Mean Air Maximum (°C)	15.2	4.2		
Mean Air Minimum (°C)	5.5	2.0		
Highest Maximum (°C)	21.1		10	
Lowest Maximum (°C)	7.7		28	
Highest Minimum (°C)	10.5		11	
Lowest Minimum (°C)	0.0		14	
Mean Grass Minimum (°C)	2.3			
Lowest Grass Minimum (°C)	-5.5		14	
Mean Concrete Minimum (°C)	4.4			
Lowest Concrete Minimum (°C)	-0.5		14	
Mean 10cm. Soil Temp (°C)	9.2	1.2		
Mean 30cm. Soil Temp (°C)	9.8	2.6		
Mean 100cm. Soil Temp (°C)	8.6	2.2		
Air Frost (days)	0	-4		
Ground Frost (days)	6	-7		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	1			
Rainfall (mm)	26.4	-28.6		
Days with 0.2mm or more	10	-5		
Days with 1.0mm or more	8	-3		
Days with 5.0mm or more	2			
Greatest fall in one day (mm)	7.6		28	
Relative Humidity (%)	72			
Sunshine (hours)	245.9	115.9		
Sunniest Day (hours)	12.5		20	
Days with Nil Sunshine	1	-3		
Mean Barometric Pressure (mb)		No		
Maxima (mb)		Data		
Minima (mb)		Available		

Summary of Wind Data for :-

April 2020

Force	Total	%
Hours of Calm	1	0.1%
Hours of 10 Knots (12mph) or over	87	12.1%
Gusts of 34Knots (39mph) or over	0	

Mean Wind Speed (Knots) 6.0

	Knots	Date	Time
Highest Hourly Mean Velocity	16	2	13
Highest Gust	30	2	13
		6	3
		12	20
		21	16.00

Percentage Time vs Wind Direction

