How can I make use of the Weather Station resource on LGfL?

I. Visit the weather station site: www.weather.lgfl.net

2. You can visit various weather stations around London and the UK, and use the gauges to find out what the weather is like in real time.



Hint: You can also view where all the weather stations are on a Map. Go to **Real-time monitoring > Map view**



4. Log in using your lgfl username and password.

5. You can either choose.... One site and a selection of data (use the **Ctrl** key to select these)

	Weather data export			
GRID FOR LEARNING	Please select one site and one or more values, or (To select more than one item from a list, hold down the CTRL k	multiple sites and one value: ey while clicking with the mouse.)		
Chaosa yariablas	Sites	Parameters		
	CLC, Greenwich	Evapotranspiration (year)		
Choose date range	CLC, Westminster, Kensington & Chelsea	Outside Humidity		
	Richard Challoner, Kingston	Rain Rate		
Choose output format	St Mary's Infants, Sutton	Rainfall (day)		
See results	The Chafford School, Havering	Rainfall (month)		
		Raintall (year)		
		Storm Rain		
		Ultra-Violet Index		
National				
Network				
Provider		Nevt		
Back to home page		Next		

Or..

Several sites (use the **Ctrl** key to select these) and one type of data

	Weather data export	
GRID FOR LEARNING	Please select one site and one or more values, or (To select more than one item from a list, hold down the CTRL k	multiple sites and one value: ey while clicking with the mouse.)
Choose variables	Sites	Parameters
<u>Choose date range</u>	CLC, Greenwich CLC, Westminster, Kensington & Chelsea North Harringay Primary, Haringey	Evapotranspiration (year) Outside Humidity Outside Temperature
Choose output format	Richard Challoner, Kingston St Mary's Infants, Sutton	Rain Rate Rainfall (day)
See results	The Chafford School, Havering	Rainfall (month) Rainfall (vear)
		Solar Radiation
		Ultra-Violet Index
National Education Network		
Provider Back to home page		Next
		1
		6. Then click next.

7. Now choose the time span of the data.

In this example the 14th March to the 20th March has been selected. Then click \mathbf{next}

LONDON	Weather data export			
GRID FOR LEARNING	Please select the start and end dates of the data to consider:			
Choose variables	Start date End date			
Choose date range	<u>≤</u> March 2007 <u>≥</u> March 2007 <u>≥</u> Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su			
Choose output format	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
See results	<u>12</u> 13 16 15 16 17 18 12 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 20 21 1 1 2 23 24 25			
Education Network Provider Back to home page		Previous Next		

http://www.ictteam.greenwich.lgfl.net

8. Next choose the format you want the data to be exported in.

LOONDON GRID FOR LEARNING Choose variables Choose date range Choose output format See results See results	Weather data export Please choose an output format: Graph Table/Spreadsheet Prevent use of logarithmic scales on graphs Force all parameters to use the same Y-axis Next
The graph will display on the screen.	<section-header><section-header></section-header></section-header>

The table/spreadsheet option will also display on the screen with an option to **Export as Excel spreadsheet**

	Weather data export	
LONDON	Event as Even exercises	
GRID FOR LEARNING	Export as Excer spreadsneet	
	Date/Time Temp Out Day Rain S	olar Rad.
Choose variables	18/03/2007 05:35:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:36:00 10.7 °C 0.0 mm	0 W/m ²
Choose date range	18/03/2007 05:37:00 10.7 °C 0.0 mm	0 W/m ²
Choose output format	18/03/2007 05:38:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:39:00 10.7 °C 0.0 mm	0 W/m ²
See results	18/03/2007 05:40:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:41:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:42:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:43:00 10.7 °C 0.0 mm	0 W/m ²
National	18/03/2007 05:44:00 10.7 °C 0.0 mm	0 W/m ²
Education	18/03/2007 05:45:00 10.7 °C 0.0 mm	0 W/m ²
Provider	18/03/2007 05:46:00 10.7 °C 0.0 mm	0 W/m ²
Back to home page	18/03/2007 05:47:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:48:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:49:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:50:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:51:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:52:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:53:00 10.6 °C 0.0 mm	0 W/m ²
	18/03/2007 05:54:00 10.6 °C 0.0 mm	0 W/m ²
	18/03/2007 05:55:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:56:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:57:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:58:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 05:59:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 06:00:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 06:01:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 06:02:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 06:03:00 10.7 °C 0.0 mm	0 W/m ²
	18/03/2007 06:49:00 8.6 °C 0.0 mm 32	767 W/m ²
	18/03/2007 06:50:00 8.6 °C 0.0 mm 32	767 W/m²
	10/02/2007 05:51:00 0.5.90 0.0 mm 22	767 W//m2

9. If you choose to **Export** then a dialogue box will appear so you can either **open** or **save** the file.

Previous Again



Once opened in Excel the data can be manipulated in the same way as any other spreadsheet file.

http://www.ictteam.greenwich.lgfl.net