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

1.   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.

3. If you log in to the **secure area** of the site you will be able to extract archived data on the weather from these various sites. You can either view them as graphs or export them to use in a spreadsheet format.
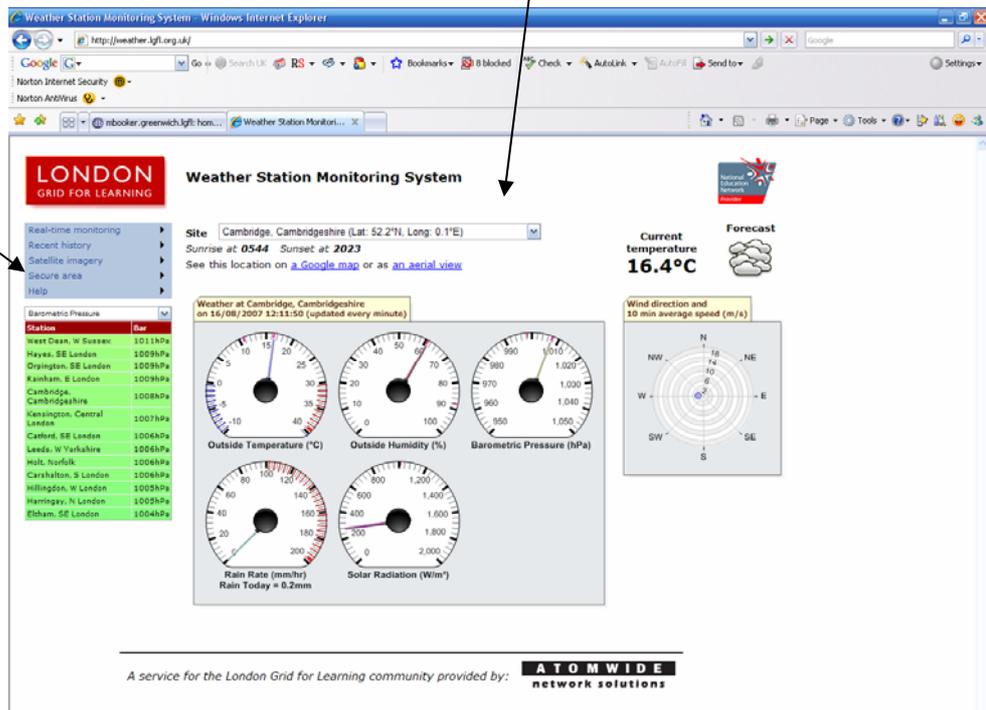
Hint: You can also view where all the weather stations are on a Map. Go to **Real-time monitoring** > **Map view**

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

Please select one site and one or more values, or multiple sites and one value:
(To select more than one item from a list, hold down the CTRL key while clicking with the mouse.)

Sites	Parameters
CLC, Greenwich	Evapotranspiration (year)
CLC, Westminster, Kensington & Chelsea	Outside Humidity
North Harringay Primary, Haringey	Outside Temperature
Richard Challoner, Kingston	Rain Rate
St Mary's Infants, Sutton	Rainfall (day)
The Chafford School, Havering	Rainfall (month)
	Rainfall (year)
	Solar Radiation
	Storm Rain
	Ultra-Violet Index

Choose variables
Choose date range
Choose output format
See results
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Or..
Several sites (use the **Ctrl** key to select these) and one type of data

Weather data export

Please select one site and one or more values, or multiple sites and one value:
(To select more than one item from a list, hold down the CTRL key while clicking with the mouse.)

Sites	Parameters
CLC, Greenwich	Evapotranspiration (year)
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	Storm Rain
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Choose variables
Choose date range
Choose output format
See results
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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 **next**

Weather data export

Please select the start and end dates of the data to consider:

Choose variables
Choose date range
Choose output format
See results
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Start date							End date						
<	March 2007					>	<	March 2007					>
Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
26	27	28	1	2	3	4	26	27	28	1	2	3	4
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28	29	30	31	1	26	27	28	29	30	31	1
2	3	4	5	6	7	8	2	3	4	5	6	7	8

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

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

The graph will display on the screen.

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

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

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