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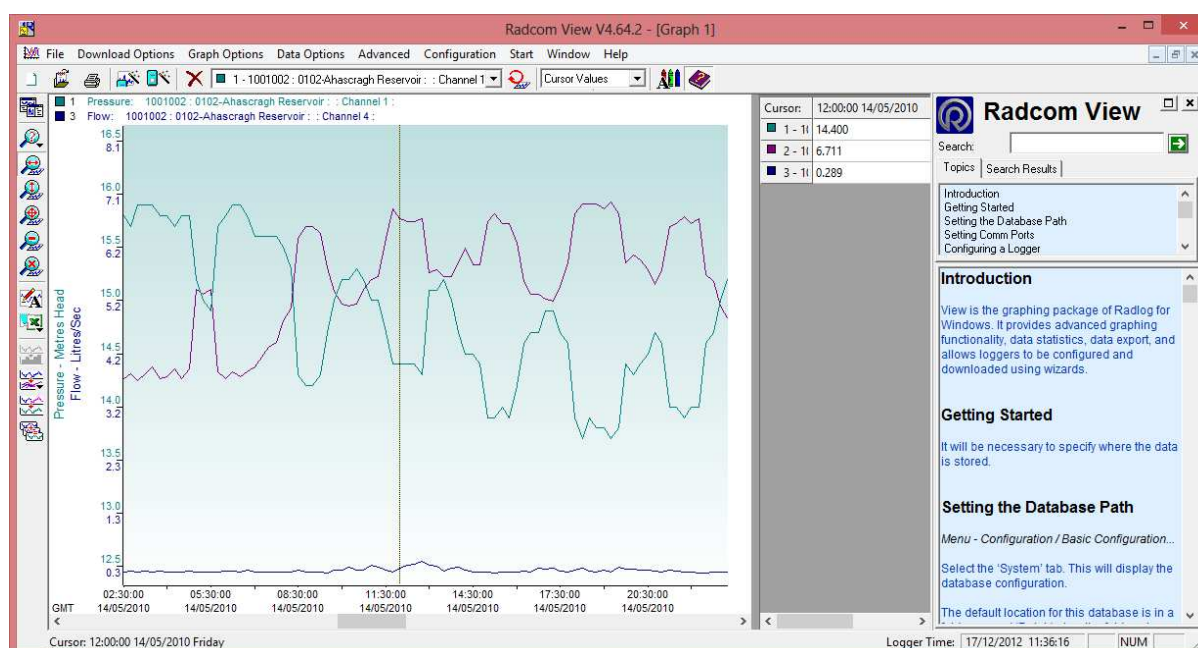
Title – Pressure & Flow graphs explained

Made By: AB 17/09/15

(Issue 2)

## Multilog LX Pressure and Flow measurement – simple explanation of graphs

Dataloggers can be connected to Water mains for monitoring Pressure and Water flow in the main. This is done by connecting the flow sensor of a water meter to the logger flow channel using the appropriate connection lead to the loggers Military spec connector. The pressure hose is connected to the main and the logger using quick fit connectors. Over time the logger will log the pressure and water flow in the main. You will see a graph similar to below.



Generally when water flow increases, water pressure decreases in the main (the garden hose effect). At night you would expect to see periods of maximum pressure as the flow is minimal. This pressure can be damaging and can cause leaks if it is not controlled. The minimum night flow can indicate a level of leakage prevalent in the main assuming that very little water may be used at night.

Over a period of time logging (days and weeks) a picture of water use can be created which will help to pin point unusual events (leaks)

### Document History:

Edition	Date of Issue	Modification	Notes
1st	14/01/13	Release	
2nd	17/09/15	Format update	