



Ref: FAQ0380

Version: 1.0

Title – Configuring Rain gauge with IDT

Made By: 04/10/16 AB

(Issue 1)

## How to configure a Radcom logger to log a Rain gauge using IDT

On the rain gauge that set the log rate to 15min and the calibration factor to 0.2 (0.2mm per bucket tip for the Hydreka rain gauge – other models may be different).

The IDT configuration settings are below:

**Logging Parameters**

Start logging immediately

Last Restart Time: 21 Sep 2016 17:15 00

Last Stop Time: 01 Jan 1970 00:00 00

Log data at specified time interval: 00:15 00

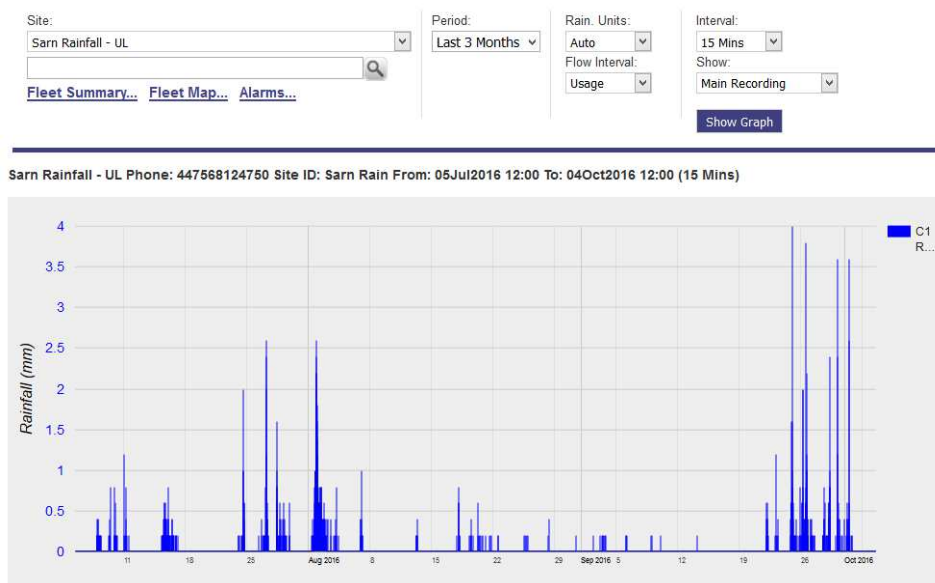
Sample Interval: 00:00 30

**Logging Channels**

	Type	Mode	Offset	Scale
Ch1	Flow1 Uni	Ave	0	0.2
Ch2	----	---	0	0.1

**Note** The sample Interval has no meaning (and is usually not displayed) for measuring Rainfall as it is about counting each pulse that is created each time the bucket tips within the Log rate.

When you view the data on HWMOnline, this then gives you a granularity of xmm/15m period.





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HWMOnline automatically switches to “Usage” mode which sums the number of pulses counted in the 15m log period, which equates to xmm/15m.

If 15m isn't tight enough, then you can reduce the Log rate in the logger further to say 5 or even 1m. HWMOnline will still allow the visual adjustment of the usage into the different time periods, but you can zoom into the more frequent capture of data.

By adjusting the **Interval** option on HWMOnline you can then see hourly/daily/monthly stats.

Site:

Period:

Rain. Units:

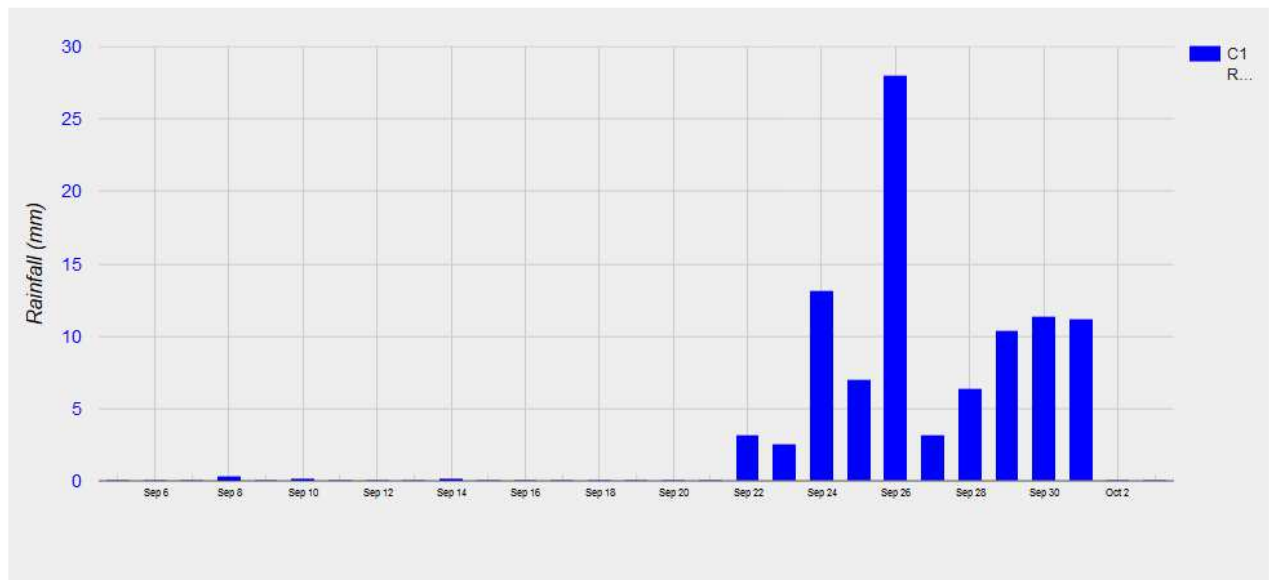
Flow Interval:

Interval:

Show:

[Fleet Summary...](#) [Fleet Map...](#) [Alarms...](#)

Sarn Rainfall - UL Phone: 447568124750 Site ID: Sarn Rain From: 06Sep2016 00:00 To: 04Oct2016 00:00 (1 Day)



Data Statistics

### Document History:

Edition	Date of Issue	Modification	Notes
1st	04/10/16	Release	