



Ref: FAQ0092

Version: 1.0

Title – HWMO setting MNF alarms

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(Issue 1)

## How to set minimum night flow duration for alarms using HWM Online

Minimum night flow duration always starts at midnight but the end time is configurable by using the persistence setting – for example –

Persistence setting of 6/6 sets an MNF duration of Midnight to 6am

Persistence setting of 8/8 sets an MNF duration of Midnight to 8am

This can be set remotely for UDP Datagate loggers by using the Edit logger function on HWMOnline –

Submit

### Logger Channels

#	Type	Name	Last Reading	Cal Value	Offset	Meter
1	Flow (l/s)	<input type="text"/>	0.000000	<input type="text" value="0.000000"/>	<input type="text" value="0.000000"/>	- m <sup>3</sup>

Submit

### Alarm Conditions

#	Channel	Type	Lower	Upper	Persistence
1	CH1 Flow ▾	Minimum Night Flow ▾	<input type="text" value="0.1"/>	<input type="text"/>	8 ▾ / 8 ▾
2	CH1 Flow ▾	None ▾	<input type="text"/>	<input type="text"/>	1 ▾ / 1 ▾
3	CH1 Flow ▾	None ▾	<input type="text"/>	<input type="text"/>	1 ▾ / 1 ▾
4	CH1 Flow ▾	None ▾	<input type="text"/>	<input type="text"/>	1 ▾ / 1 ▾

☐ Dual Call In Alarms ☐ Alarm Clear Messages ☐ Repeat alarms at midnight

Submit

In the example above a flow of more than 0.1 litres per second registered for the whole period between midnight and 8am will generate an alarm.

If the flow rate during the period between midnight and 8.00am drops below the MNF level then an alarm would not be generated

### Document History:

Edition	Date of Issue	Modification	Notes
1st	26/05/15	Release	