How to	MDBC OPS– Special SOnO rules Heywoods and Doctor's point
Description	Background informatin on how these rules are executed
Comments	"quotes" refer to the screenshots, which may deviate from the application
version	2018-02

The SOnO rules for require the calculation of the max rate of fall over the last 24 hours. These compilated rules are calculated in several modules part of the workflow Prepare_Thresholds

- PreprocessThresholdsMDBC_OPS: calculate maximum rate of fall over the last 24 hours
- AssessThresholdsMDBC_OPS_specials_SO: determine different elements of the rule
- AssessThresholdsMDBC_OPS_SO: combine everything to determine if there is a crossing

Heywoods	Q (at 409017) < 25,000 ML/day	ΔH (rate of fall) > 0.225 m
		ΔH (rate of fall) (6 day rolling average) > 0.249m
Doctor's Point	Q < 25,000 ML/day	ΔH (rate of fall) > 0.225 m
		ΔH (rate of fall) (6 day rolling average) > 0.154 m

View the end results and some of the intermediate steps can be viewed in the
Data Viewer > River Operations > SOnO Thresholds > max dH over 24 h