|  |  |
| --- | --- |
| 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



