

AUTO_REVIEW V4.11-4 RELEASE NOTES

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Enhancements:

1. Addition of new “gwreview” module which adds substantial enhancements to the initial continuous GW-level support added at version 4.10.
 - a. A “gwreview” program is now included that users can run to pull continuous GW-level output. Note that swreview code is still actually used to retrieve all output and swreview can still be used to pull GW-level stations (since output is very similar to stage-only output...), but the hope is this separate program will cause less confusion and encourage use of the program by GW users.
 - b. Improved labeling on all plots.
 - c. Axes reverse appropriately for “depth below” parameters on all hydrographs.
 - d. GWSI water level measurements show on all plots.
 - e. A new 10-year (or period of record if <10 years available) DV water level hydrograph (on page 2 of the DV_hydro_out.pdf files...).
 - f. New GWSI water level table included in output.
 - g. Entry or editing of GWSI water levels will trigger an automatic retrieval in WSC’s with automated retrievals enabled and continuous GW-level stations included in their swreview.control files.
 - h. Minimum instantaneous water level plotted on annual DV hydrograph.
 - i. GWSI water level information appended to end of the Adaps station analysis.
2. Swreview module enhancements:
 - a. Standard “pretty” rating tables replace the long rdb tables included in previous versions – the get_pdf_rating_table utility included in the package is retired with this change – an autoFF update should be installed related to this change, if used by the WSC.
 - b. Eliminated labeling of 2nd Y-axis when it isn’t used on UV hydrographs.
 - c. Minimum instantaneous value added to DV hydrographs for all parameters but discharge.

Bug Fixes:

1. Swreview:
 - a. Fixed bug causing data correction and measurement logs to be pulled in wrong timezone, sometimes leading to unnecessary automated updates
2. Wqmreview:
 - a. Added toggle to QWDATA DB 01 prior to QWDATA record retrieval to avoid program hanging.
 - b. Fixed problem with any missing data in bottom reference dataset causing axes to be linear on bottom plot of UV hydrographs.

- c. Fixed problem with QWDATA access detection not toggling the qwdata option off as it should have been.
- d. Fixed problem with DV tabling when more than 3 statistics were stored for the parameter.