

## What's New in this Version

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This topic lists all the additions and improvements incorporated in ICMLive Operator Client 2021.3 which were not available in previous versions.

### Total head and maximum Total head results for 1D network result point objects

Two new results, **Total head** and **Maximum Total head** have been added for 1D network results point result objects. See the [Network Results Object Results Data Fields](#) topic for further information.

### Summary area result for 2D permeable zones

As the areas of [2D Permeable Zones](#) in InfoWorks networks, for which results are generated during a simulation, may be different to the actual areas enclosed by the 2D permeable zone polygons, a new summary **Area in 2D Zone** result is now available. See the [Permeable Zones \(2D\) Results Data Fields](#) topic for further information.

### Green-Ampt Soil moisture deficit (%) reset to zero during 2D simulations

During a 2D simulation that includes an [infiltration surface](#) which models [Green-Ampt](#) infiltration in an InfoWorks network, the simulation engine now resets the soil moisture deficit (SMD) [result](#) for the 2D zone to 0, if the SMD becomes negative during the simulation.