

Release Notes for IDC Version 2015.0.38

(Emin Can Dogrul; DWR)

This version of IDC includes the following modifications and corrections:

1. **(07/15/2015)** Columns widths for ASCII text budget tables were set incorrectly. This is corrected.
2. **(07/17/2015)** The simulation of root water uptake from groundwater is modified. Groundwater is now the first source of water to meet the potential ET. The concept of “cessation depth” is abandoned. Instead, capillary rise above the groundwater table is considered. It is now assumed that soil moisture content is at total porosity at groundwater table and decreases linearly to zero at a height above the groundwater table that is equal to the capillary rise. In the new approach, the maximum potential ET from groundwater is calculated based on the intersection of the capillary rise and the saturated groundwater with the root zone. This new approach produces water demand results that are consistent with water supply computations.
3. **(09/18/2015)** Input from and output to HDF5 files are implemented. Budget files are now required to be HDF5 files instead of Fortran binary files.