d:\modular\_datasets\_rev60\_3\revision\_notes\Rev60\_3docs.docx

**REVISION 60.3 – April 6, 2020**

1. NEW\_INPUT\_FILES

Contains a list of new input files that are being tested.

1. NEW\_OUTPUT\_FILES

Contains a list of new output files being review.

1. Existing output files

List of changes in output files

1. Existing input files

List of changes in input files

1. Other

Other files that were modified in this revision.

1. **NEW INPUT FILES**
2. **NEW OUTPUT FILES**
3. **EXISTING OUTPUT FILES**

* Added two outputs to the WB (waterbal) files entered after the CN variable shown below in **bold**:

real :: cn = 0. !none |CN values during mon in HRU

**real :: sw\_init = 0. !mm H2O |initial soil water content of entire profile**

**real :: sw\_final = 0. !mm H2O |final soil water content of entire profile**

real :: sw = 0. !mm H2O |average soil water content of entire profile

1. **EXISTING INPUT FILES**

* **HYDROLOGY.WET** file (check to ensure the order of the values of these columns are correct; psa/pdep values only switched in Mike’s CEAP datasets; headers and spreadsheet correct;

The order is:

psa/pdep/esa/edep/k/evrsv/acoef/bcoef/ccoef/frac 🡨type

hru\_ps/dp\_ps/hru\_es/dp\_es/k/evap/vol\_area\_co/vol\_dp\_a/vol\_dp\_b/hru\_frac 🡨modular sheet

* PLANT\_PARMS.SFT
* PLANT\_GRO.SFT
* WATER\_BALANCE. SFT file

Additional inputs added or removed in each of these files (spreadsheet updated and examples are in the database directory)

1. **OTHER**

NOTE: Edited the subroutine ‘structure\_set\_parms.f90’ in the case for filter strips. Case was labelled incorrect as ‘filter’ when it should have been ‘fstrip’.

NEW SUBROUTINES: soil\_text\_init.f90

soil\_awc\_init.f90

water\_rights\_read.f90

Added two ‘sections’ to the documentation on:

* Water Allocation
* Output files and variable definitions