d:\modular\_datasets\_rev60\_2\revision\_notes\Rev60\_2docs.docx

**REVISION 60.2 – February 25, 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**

1. **EXISTING OUTPUT FILES**

* BASIN\_SD\_CHANNEL and SD\_CHANNEL output files restructured  
  FLO units in this file changed to == m^3/s
* BASIN\_WB\_\*.TXT – added SW\_INIT and SW\_FINAL;
* New columns (**SW\_INIT** and **SW\_FINAL**) added to these output files:

1. Basin water balance
2. HRU water balance
3. HRU LTE water balance
4. RU water balance

* **NOTE**: if the channel length is < I meter, there will be not routing and the output for these channels will be printed as 0.0

1. **EXISTING INPUT FILES**

-- **PLANTS.PLT** –

1) Added 2 plants from Mike’s CEAP runs (urban\_cool and urban\_warm)

2) Removed BARR and WATR from the file (barren and water)

3) CORN50 was added

4) The ‘plnt\_typ’ column for the following crops are now typed as ‘tuber’

carrt (carrot)

pnut (peanut)

pota (potato)

radi (radish)

sgbt (surgar beets)

spot (sweet potato)

-- **CODES.BSN** – SOIL\_P (Soil P Model input) column should be changed to ‘0’

-- **PARAMETERS.BSN** – N\_PERC column should be changed to ‘0.1’

-- **HARV.OPS** – tuber plants updated in this file (updated in /databases);

tuber tuber 1.10000 0.95000 0.00000   
peanuts tuber 1.10000 0.95000 0.00000

**CAL\_PARMS.CAL** – added two aquifer calibration parameters to this file (updated in directories)

deep\_seep aqu 0.00100 0.40000 m/m

sp\_yld aqu 0.00000 0.50000 fraction

Also added cha variables to the **CAL\_PARMS.CAL** file:

Renamed existing: w (rte) 🡪 chw (cha)

d (rte) 🡪 chd (cha)

s (rte) 🡪 chs (cha)

l (rte) 🡪 chl (cha)

n (rte) 🡪 chn (cha)

Added:

cov cha 0.00000 1.00000 fraction

cherod cha 0.00000 1.00000 fraction

shear\_bnk cha 0.00000 1.00000 fraction

hc\_erod cha 0.00000 1.00000 fraction

hc\_co cha 0.00000 5.00000 m/m

hc\_len cha 0.00000 100.00000 m

hc\_hgt cha 0.00000 3.00000 m

Removed: rte variables from this file;

Changed SURLAG from OBJ\_TYP BSN to HRU (It is still input in the .bsn file)

surlag **hru**  0.05000 24.00000 days

**HYD-SED-LTE.CHA** - CHK column changed to mm/day (originally mm/hr)

1. **OTHER**

Removed the following routines: calsoft\_init.f90

basin\_water\_init.f90

Added the following routine: basin\_sw\_init.f90