d:\swatplus\_code\Rev44\_docs

**REVISION 44 – March 13, 2018**

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**
4. **EXISTING INPUT FILES**

PRINT.PRT file: The order of the NYSKIP input line (#2) has changed a bit. This line is now similar to the time.sim input file to avoid confusion;  
OLD: NYSKIP JD\_START JD\_END YR\_START YR\_END INTERVAL

NEW: NYSKIP **DAY\_START YRC\_START DAY\_END** **YRC\_END** INTERVAL

1. **OTHER**

Deleted old PHI and WAT\_PHI variables from allocate\_parms and modparm.

Renamed PHI and WAT\_PHI variables from channel\_module;  
as a result created a new module for SD\_CH and CH PHI and WAT\_PHI types in new CHANNEL\_VELOCITY\_MODULE.F90

REMOVED routines not being used:

swbl.f90

vbl.f90

**New routines**: (split from JRW\_DATALIB\_MODULE.F90):

* tillage\_data\_module.f90
* fertilizer\_data\_module.f90
* pesticide\_data\_module.f90
* urban\_data\_module.f90
* septic\_data\_module.f90
* mgt\_operations\_module.f90
* topography\_data\_module.f90
* hydrology\_data\_module.f90
* landuse\_data\_module.f90
* tiles\_data\_module.f90
* soil\_data\_module.f90
* plant\_data\_module.f90
* channel\_data\_module.f90
* reservoir\_data\_module.f90
* wind\_data\_module.f90
* calibration\_data\_module.f90
* RENAMED JRW\_DTALIB\_MODULE.F90 🡪 MAXIMUM\_DATA\_MODULE.f90
* RENAMED HYD\_READ\_CONNECT.F90 🡪 HYD\_CONNECT.F90
* RENAMED CONNECT\_READ.F🡪 HYD\_READ\_CONNECT.F90
* RENAMED CHA\_ELEMENTS\_READ.F90 🡪 CH\_READ\_ELEMENTS.F90
* CH\_HYD\_READ.F90 🡪 CH\_READ\_HYD.F90
* CH\_INIT\_READ.F90 🡪 CH\_READ\_INIT.F90
* CH\_NUT\_READ.F90 🡪 CH\_READ\_NUT.F90
* CH\_REGIONS\_CAL\_READ.F90 subroutine CH\_ORDERS\_READ\_CAL.F90
* CH\_PARMS\_CAL\_READ.F90 🡪 CH\_READ\_PARMS\_CAL.F90
* CH\_PST\_READ\_CH 🡪 READ\_PST.F90
* CH\_SED\_READ.F90 🡪 CH\_READ\_SED.F90
* RES\_ELEMENTS\_READ.F90 🡪RES\_READ\_ELEMENTS.F90
* RES\_HYD\_READ.F90 🡪 RES\_READ\_HYD.F90
* RES\_SED\_READ.F90 🡪RES\_READ\_SED.F90
* RES\_INIT.READ.F90 🡪RES\_READ\_INIT.F90
* RES\_NUT\_READ.F90 🡪 RES\_READ\_NUT.F90
* RES\_PST\_READ.F90 🡪 RES\_READ\_PST.F90
* RES\_WEIR.READ.F90 🡪 RES\_READ\_WEIR.F90
* AQU\_ELEMENTS\_READ.F90 🡪 AQU\_READ\_ELEMENTS.F90
* MGT\_CHEMAPP\_READ.F90🡪 MGT\_READ\_CHEMAPP.F90
* MGT\_FIREOPS\_READ.F90🡪MGT\_READ\_FIREOPS.F90
* MGT\_GRAZEOPS\_READ.F90 🡪 MGT\_READ\_GRAZEOPS.F90
* MGT\_HARVOPS\_READ.F90 🡪 MGT\_READ\_HARVOPS.F90
* MGT\_IRROPS\_READ.F90 🡪 MGT\_READ\_IRROPS.F90
* MGT\_MGTOPS\_READ.F90 🡪 MGT\_READ\_MGTOPS.F90
* MGT\_SWEEPOPS\_READ.F90 🡪 MGT\_READ\_SWEEPOPS.F90
* RU\_ELEMENTS\_READ.F90 🡪 RU\_READ\_ELEMENTS.F90
* SCEN\_BMPUSER\_READ.F90 🡪 SCEN\_READ\_BMPUSER.F90
* SCEN\_FILTSTRIP\_READ.F90 🡪 SCEN\_READ\_FILTSTRIP.F90
* SCEN\_GRWWAY\_READ.F90 🡪 SCEN\_READ\_GRWWAY.F90
* BAC\_LSINIT\_READ.F90 🡪 BAC\_READ\_LSINIT.F90
* BAC\_LSPARMS\_READ.F90 🡪 BAC\_READ\_LSPARMS.F90
* BASIN\_CC\_READ.F90 🡪 BASIN\_READ\_CC.F90
* BASIN\_OBJS\_READ.F90 🡪 BASIN\_READ\_OBJS.F90
* BASIN\_PRM\_READ.F90 🡪 BASIN\_READ\_PRM.F90