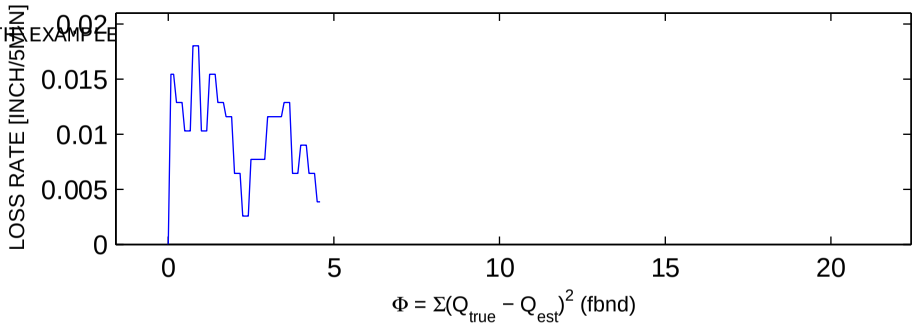
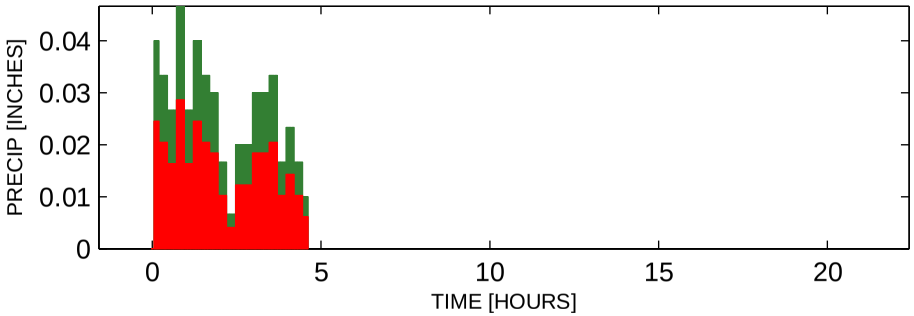
RUN #2

```
STAID-DATE: sta11111111_1969_0214
DATA DIR: d:\jvrabel\SWAP\UNIT\precip_loss_optimization\toWEB\BOTHEXAMPLE
AREA [mi^2] ..................................... 1.33
--------------------- PRECIPITATION ----------------------
TOTAL RAIN VOLUME [inches] ..... 1.45
EXCESS RAIN VOLUME [inches] .... 0.88998
PECENT RAIN VOLUME LOSS ........ 38.6218
----------------------- DISCHARGE ------------------------
MEAN OBS Q [CFS] ............... 37.44
MEAN SIM Q [CFS] ............... 31.6466
RMS Q RESIDUALS [CFS] .......... 19.0479
Q RELATIVE BIAS ................ -0.15474
Q NASH-SUTCLIFFE EFFICIENCY .... 0.90592
Q SIM vs OBS R^2 ............... 0.91686
Q SIM vs OBS SLOPE ............. 0.95291
Q SIM vs OBS INTERCEPT ......... 7.2835
------------------------ VOLUME -------------------------
MEAN OBS V [CFS] ............... 0.8062
MEAN SIM V [CFS] ............... 0.71934
RMS V RESIDUALS [CFS] .......... 0.11842
V RELATIVE BIAS ................ -0.10774
V NASH-SUTCLIFFE EFFICIENCY .... 0.89871
V SIM vs OBS R^2 ............... 0.97904
V SIM vs OBS SLOPE ............. 1.194
V SIM vs OBS INTERCEPT ......... -0.052673
------------------ OPTIMIZATION RESULTS --------------------
SIM/OBS TOTAL VOLUME RATIO ..... 0.84482
MINIMIZED OBJECTIVE FUNCTION VALUE ..... 104855.7412
C_opt: 0.61378
```

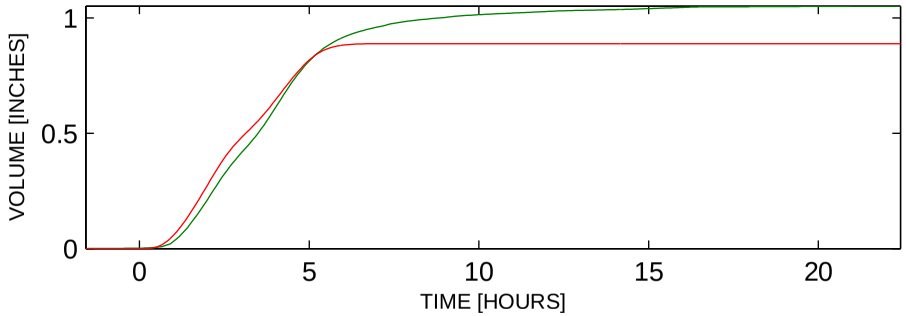
PRECIP LOSS FUNCTION: $P_{xs}(t) = c_1 P_{tot}(t)$ [0<=c_1<= 1]



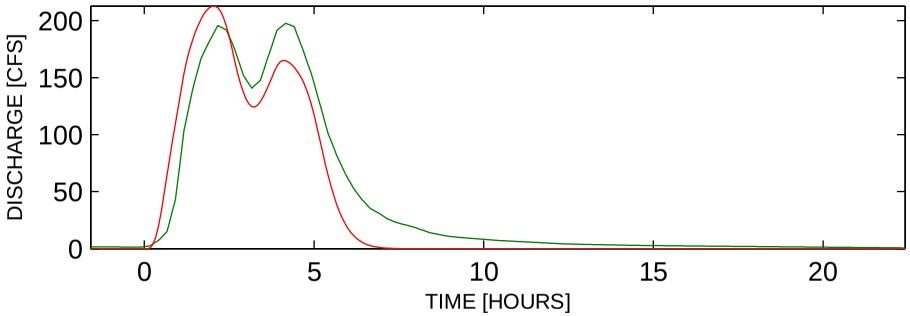
OBS AND MODELED RAINFALL: RAW DATA USED



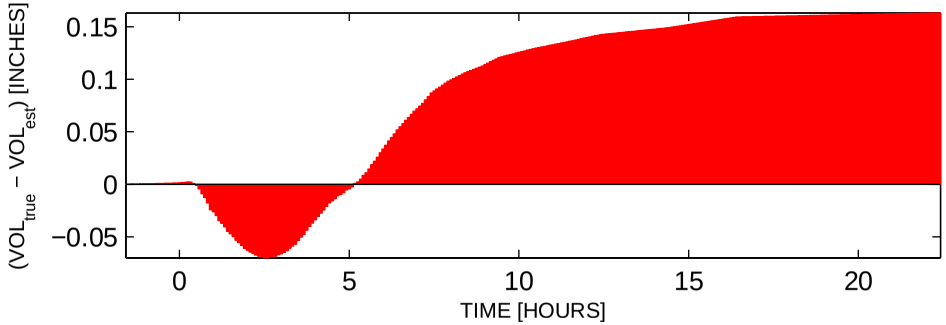
OBS AND ESTIMATED ACCUMULATED VOLUME



OBS AND ESTIMATED DISCHARGES



ACCUMULATED VOLUME RESIDUALS



DISCHARGE RESIDUALS