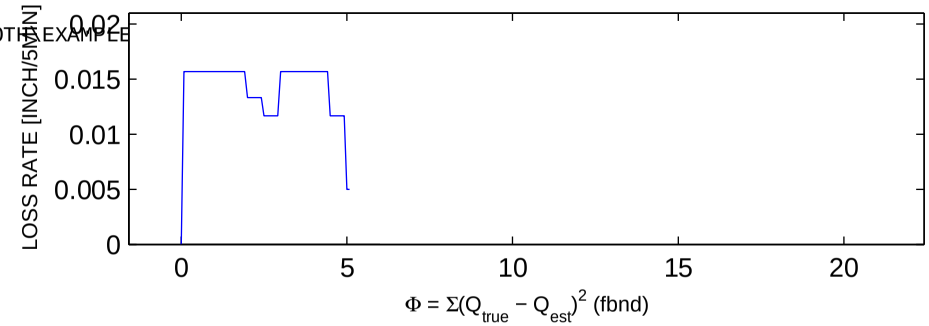
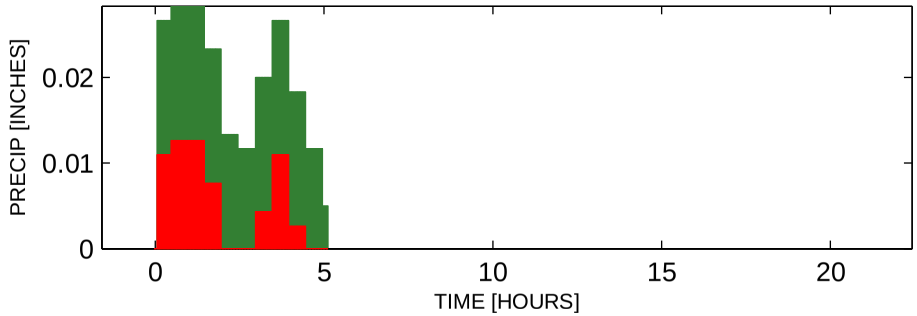
RUN #4

```
STAID-DATE: sta22222222_1969_0214
DATA DIR: d:\jvrabel\SWAP\UNIT\precip_loss_optimization\toWEB\BOTHEXAMPLE
AREA [mi^2] ..................................... 1.94
--------------------- PRECIPITATION ----------------------
TOTAL RAIN VOLUME [inches] ..... 1.2333
EXCESS RAIN VOLUME [inches] .... 0.3601
PECENT RAIN VOLUME LOSS ........ 70.803
----------------------- DISCHARGE ------------------------
MEAN OBS Q [CFS] ............... 37.3791
MEAN SIM Q [CFS] ............... 18.669
RMS Q RESIDUALS [CFS] .......... 45.0485
Q RELATIVE BIAS ................ -0.50055
Q NASH-SUTCLIFFE EFFICIENCY .... -0.35949
Q SIM vs OBS R^2 ............... 0.12281
Q SIM vs OBS SLOPE ............. 0.41315
Q SIM vs OBS INTERCEPT ......... 29.666
------------------------ VOLUME --------------------------
MEAN OBS V [CFS] ............... 0.42808
MEAN SIM V [CFS] ............... 0.27548
RMS V RESIDUALS [CFS] .......... 0.23046
V RELATIVE BIAS ................ -0.35648
V NASH-SUTCLIFFE EFFICIENCY .... 0.32399
V SIM vs OBS R^2 ............... 0.78974
V SIM vs OBS SLOPE ............. 1.8624
V SIM vs OBS INTERCEPT ......... -0.084986
------------------ OPTIMIZATION RESULTS -------------------
SIM/OBS TOTAL VOLUME RATIO ..... 0.50053
MINIMIZED OBJECTIVE FUNCTION VALUE ..... 586488.1243
C_opt: 0.015689
```

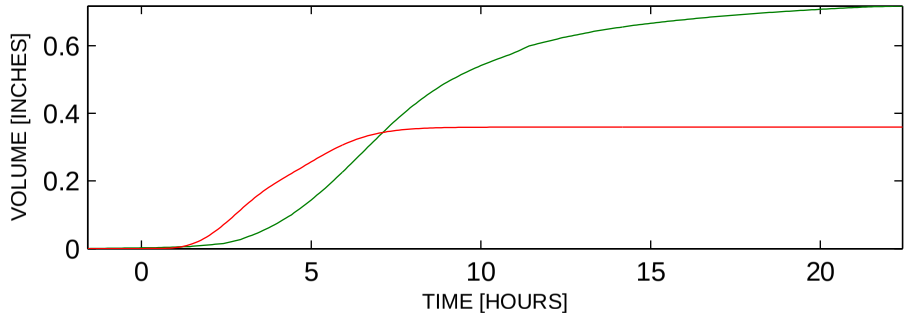
PRECIP LOSS FUNCTION: L(t) = c_1



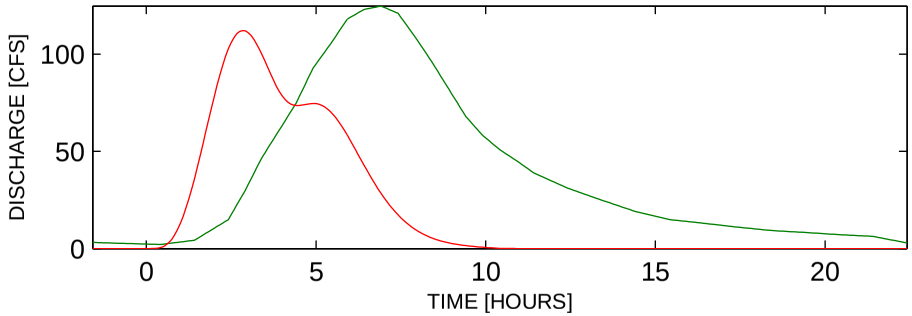
OBS AND MODELED RAINFALL: RAW DATA USED



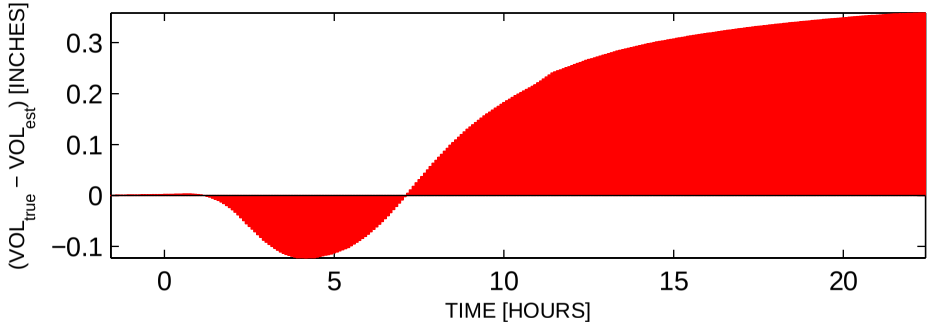
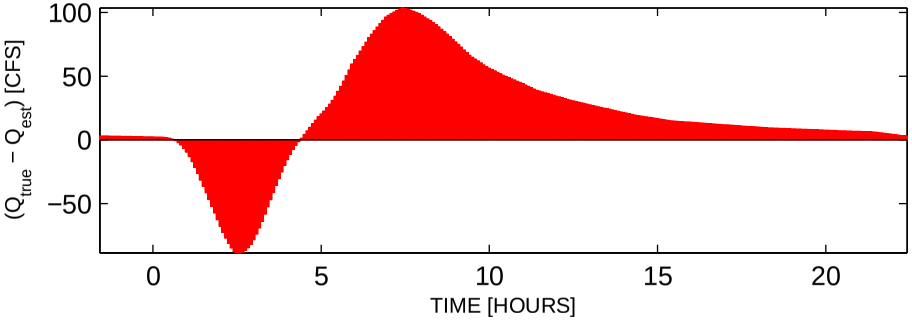
OBS AND ESTIMATED ACCUMULATED VOLUME



OBS AND ESTIMATED DISCHARGES



ACCUMULATED VOLUME RESIDUALS



DISCHARGE RESIDUALS