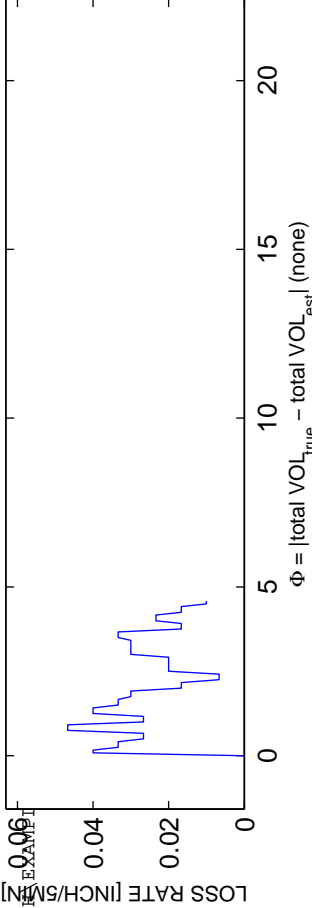


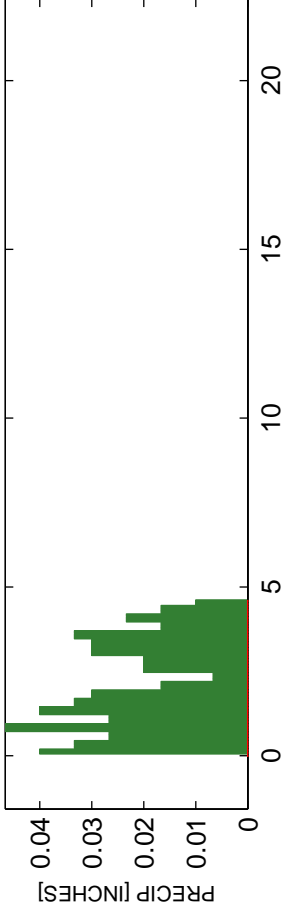
RUN #2

```
STAD-DATE: stal1111111_1969_0214
DATA DIR: d:\jvrael\SWAP\UNIT\precip_loss_optimization\towEB\BOTB\EXAMPLE
AREA [mi^2] ..... PRECIPITATION ..... 1.33
-----
TOTAL RAIN VOLUME [inches] ..... 1.45
EXCESS RAIN VOLUME [inches] ..... 0
PERCENT RAIN VOLUME LOSS ..... 100
-----
MEAN OBS Q [CFS] ..... 37.44
MEAN SIM Q [CFS] ..... 0
RMS Q RESIDUALS [CFS] ..... 72.5126
Q RELATIVE BIAS ..... -1
Q NASH-SUTCLIFFE EFFICIENCY ..... -0.36349
Q SIM vs OBS R^2 ..... 0
Q SIM vs OBS SLOPE ..... 0
Q SIM vs OBS INTERCEPT ..... 37.44
-----
MEAN OBS V [CFS] ..... 0.8062
MEAN SIM V [CFS] ..... 0
RMS V RESIDUALS [CFS] ..... 0.88792
V RELATIVE BIAS ..... -1
V NASH-SUTCLIFFE EFFICIENCY ..... -4.6948
V SIM vs OBS R^2 ..... 0
V SIM vs OBS SLOPE ..... 0
V SIM vs OBS INTERCEPT ..... 0.8062
-----
SIM/OBS TOTAL VOLUME RATIO ..... 0
MINIMIZED OBJECTIVE FUNCTION VALUE ..... NaN
C_opt : 0.69 0.042667
```

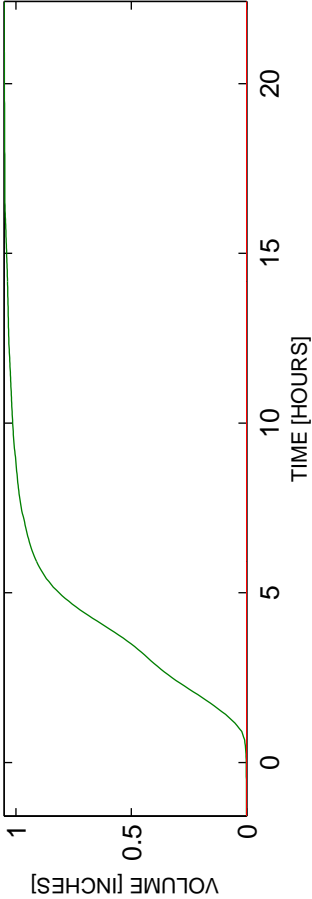
PRECIP LOSS FUNCTION:  $P_{xs}(t) = \text{init.abs. then const.loss}$



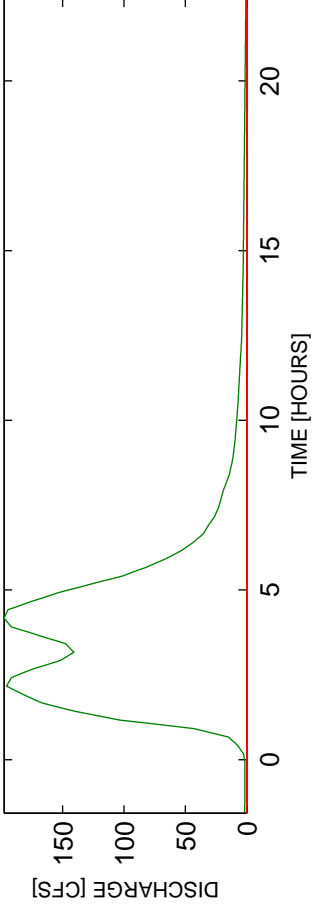
OBS AND MODELED RAINFALL: RAW DATA USED



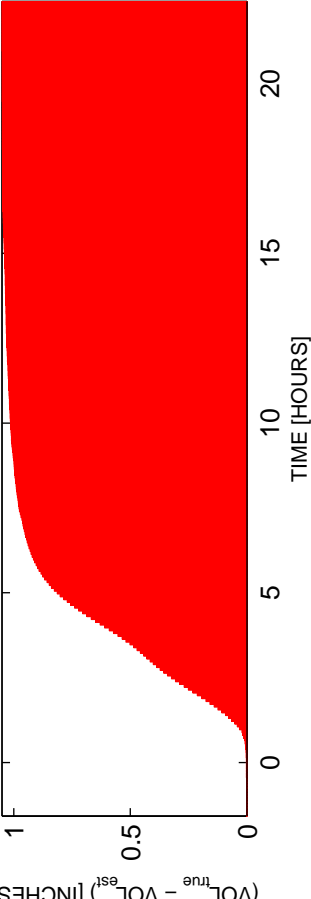
OBS AND ESTIMATED ACCUMULATED VOLUME



OBS AND ESTIMATED DISCHARGES



ACCUMULATED VOLUME RESIDUALS



DISCHARGE RESIDUALS

