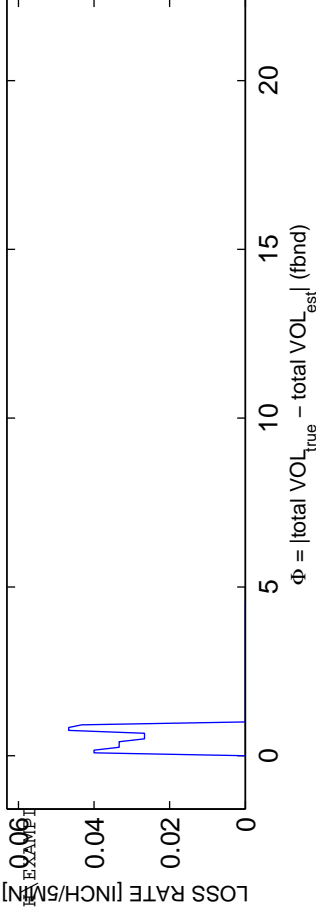


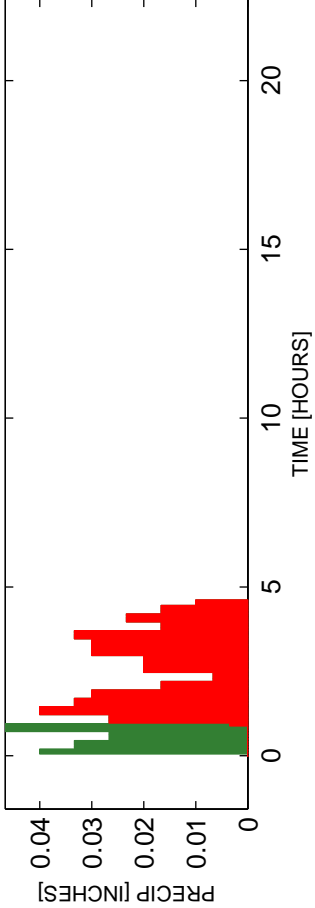
RUN #2

STAD-DATE: stal1111111_1969_0214
DATA DIR: d:\jvrael\SWAP\UNIT\precip_loss_optimization\toweb\BOTHEXAMPLE
AREA [mi^2] 1.33
----- PRECIPITATION -----
TOTAL RAIN VOLUME [inches] 1.45
EXCESS RAIN VOLUME [inches] 1.0535
PERCENT RAIN VOLUME LOSS 27.3475
----- DISCHARGE -----
MEAN OBS Q [CFS] 37.44
MEAN SIM Q [CFS] 37.4597
RMS Q RESIDUALS [CFS] 29.3634
Q RELATIVE BIAS 0.0005263
Q NASH-SUTCLIFFE EFFICIENCY 0.77642
Q SIM vs OBS R² 0.90967
Q SIM vs OBS SLOPE 0.72321
Q SIM vs OBS INTERCEPT 10.3488
----- VOLUME -----
MEAN OBS V [CFS] 0.8062
MEAN SIM V [CFS] 0.82622
RMS V RESIDUALS [CFS] 0.051371
V RELATIVE BIAS 0.024831
V NASH-SUTCLIFFE EFFICIENCY 0.98094
V SIM vs OBS R² 0.98804
V SIM vs OBS SLOPE 0.93872
V SIM vs OBS INTERCEPT 0.03061
----- OPTIMIZATION RESULTS -----
SIM/OBS TOTAL VOLUME RATIO 1
MINIMIZED OBJECTIVE FUNCTION VALUE 1.2282e-006
C_{opt}: 0.39654

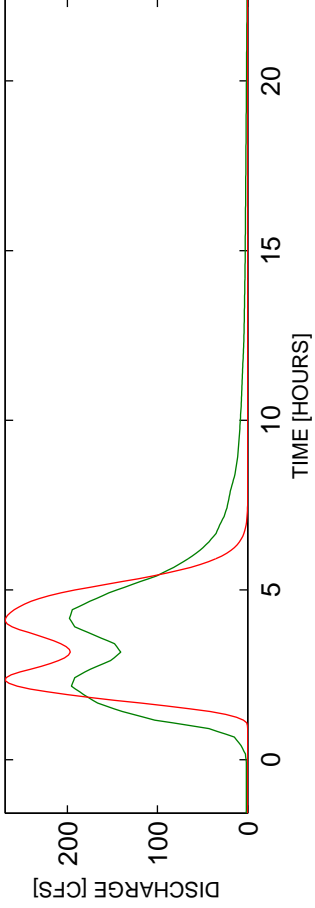
PRECIP LOSS FUNCTION: $P_{xs}(t) = P_{tot} - \text{init.abs}(c_1 P_{tot}) [0 < c_1 \leq 1]$



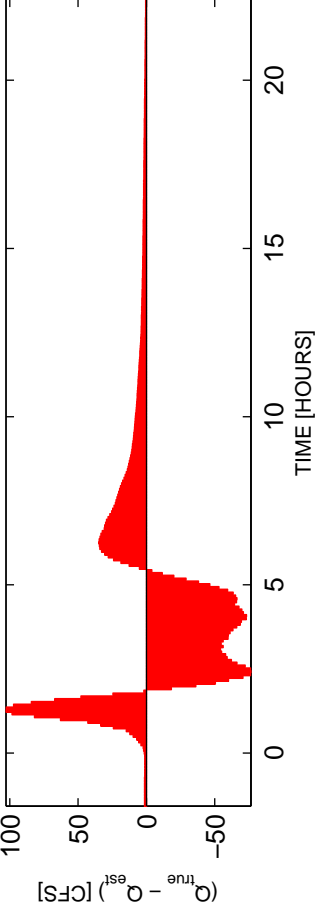
OBS AND MODELED RAINFALL: RAW DATA USED



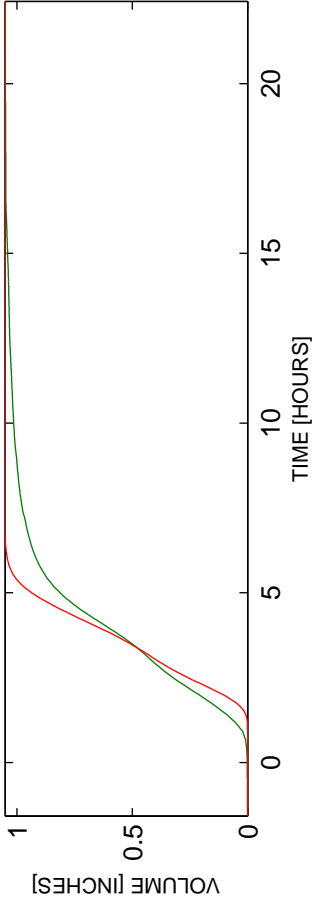
OBS AND ESTIMATED DISCHARGES



DISCHARGE RESIDUALS



OBS AND ESTIMATED ACCUMULATED VOLUME



ACCUMULATED VOLUME RESIDUALS

