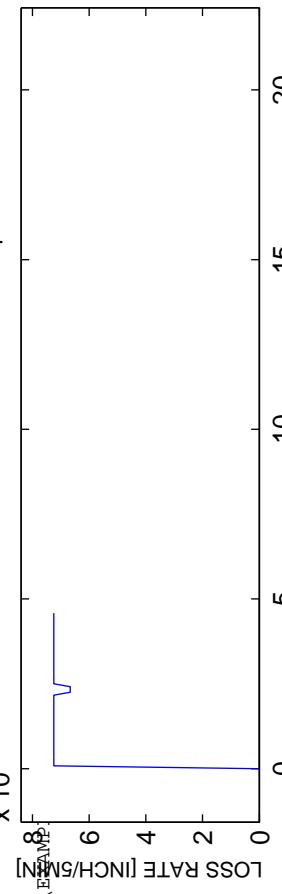
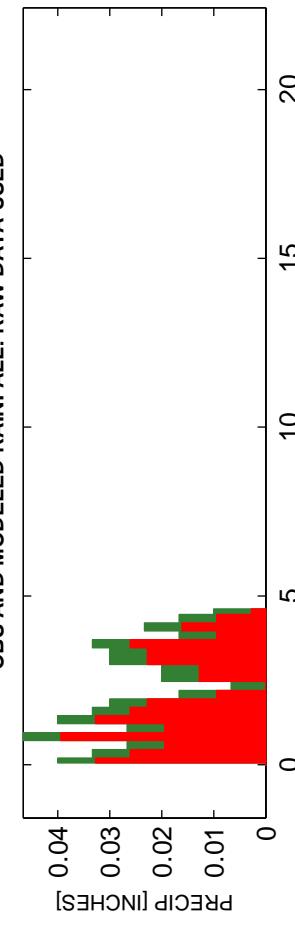


**RUN #2**

```
STATION-DATE: sta11111111-1969_0214  
DATA DIR: d:\jvratel\SWAP\UNIT\precip_loss_optimization\towEB\BOTH\NAMP  
AREA [mi2] ..... PRECIPITATION ..... 1.33  
TOTAL RAIN VOLUME [inches] ..... 1.45  
EXCESS RAIN VOLUME [inches] ..... 1.0535  
PERCENT RAIN VOLUME LOSS ..... 27.3476  
----- DISCHARGE -----  
MEAN OBS Q [CFS] ..... 37.44  
MEAN SIM Q [CFS] ..... 37.4596  
RMS Q RESIDUALS [CFS] ..... 28.0051  
Q RELATIVE BIAS ..... 0.00052406  
Q NASH-SUTCLIFFE EFFICIENCY ..... 0.79662  
Q SIM vs OBS R2 ..... 0.87676  
Q SIM vs OBS SLOPE ..... 0.76785  
Q SIM vs OBS INTERCEPT ..... 8.6765  
----- VOLUME -----  
MEAN OBS V [CFS] ..... 0.8062  
MEAN SIM V [CFS] ..... 0.85612  
RMS V RESIDUALS [CFS] ..... 0.079673  
V RELATIVE BIAS ..... 0.061921  
V NASH-SUTCLIFFE EFFICIENCY ..... 0.95415  
V SIM vs OBS R2 ..... 0.97235  
V SIM vs OBS SLOPE ..... 1.0146  
V SIM vs OBS INTERCEPT ..... -0.062448  
----- OPTIMIZATION RESULTS -----  
SIM/OBS TOTAL VOLUME RATIO ..... 1  
MINIMIZED OBJECTIVE FUNCTION VALUE ..... 1.0937e-006  
 $C_{opt}$ : 0.0072412
```

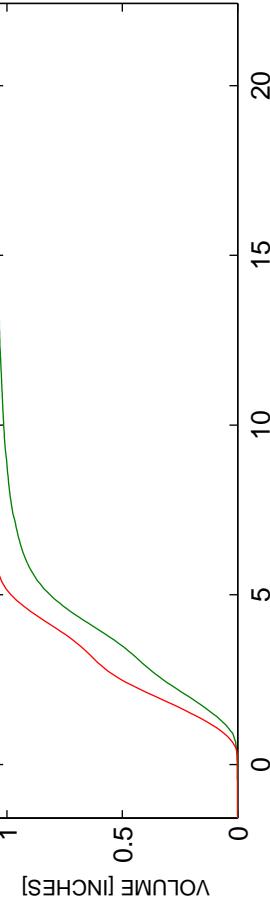
**PRECIP LOSS FUNCTION: L(t) = c<sub>1</sub>**

**OBS AND MODELED RAINFALL: RAW DATA USED**

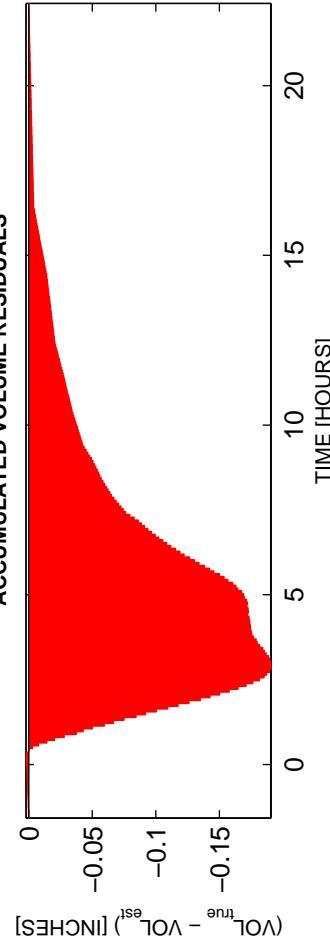


**OBS AND ESTIMATED VOLUME**

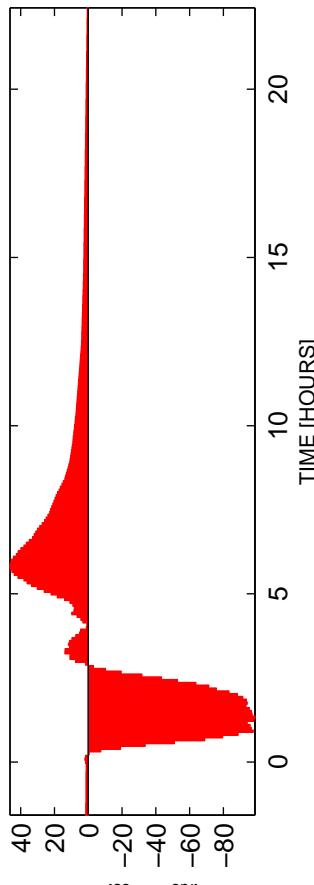
**OBS AND ESTIMATED ACCUMULATED VOLUME**



**DISCHARGE RESIDUALS**



**OBS AND ESTIMATED DISCHARGES**



**DISCHARGE RESIDUALS**