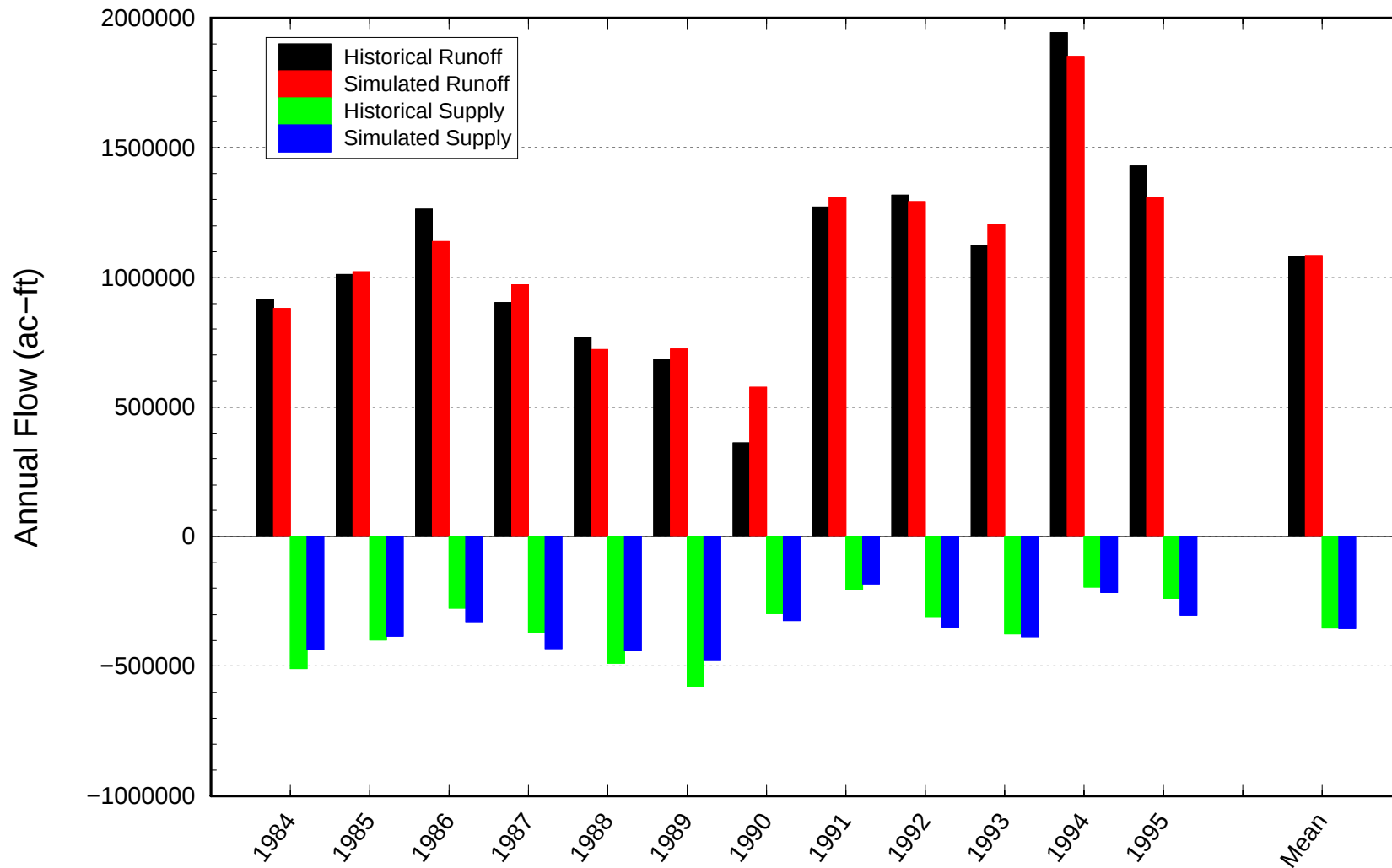


Annual Runoff & Supplemental Flow for the EAA

SFWMM (V5.4) Simulated Compared with Historical (1984–1995)



Mean Annual Runoff: Historical=1083 kaf; Simulated=1084 kaf

Mean Annual Supply: Historical=-354 kaf; Simulated=-355 kaf

For Planning Purposes Only

Run date: 04/05/04 07:11:15

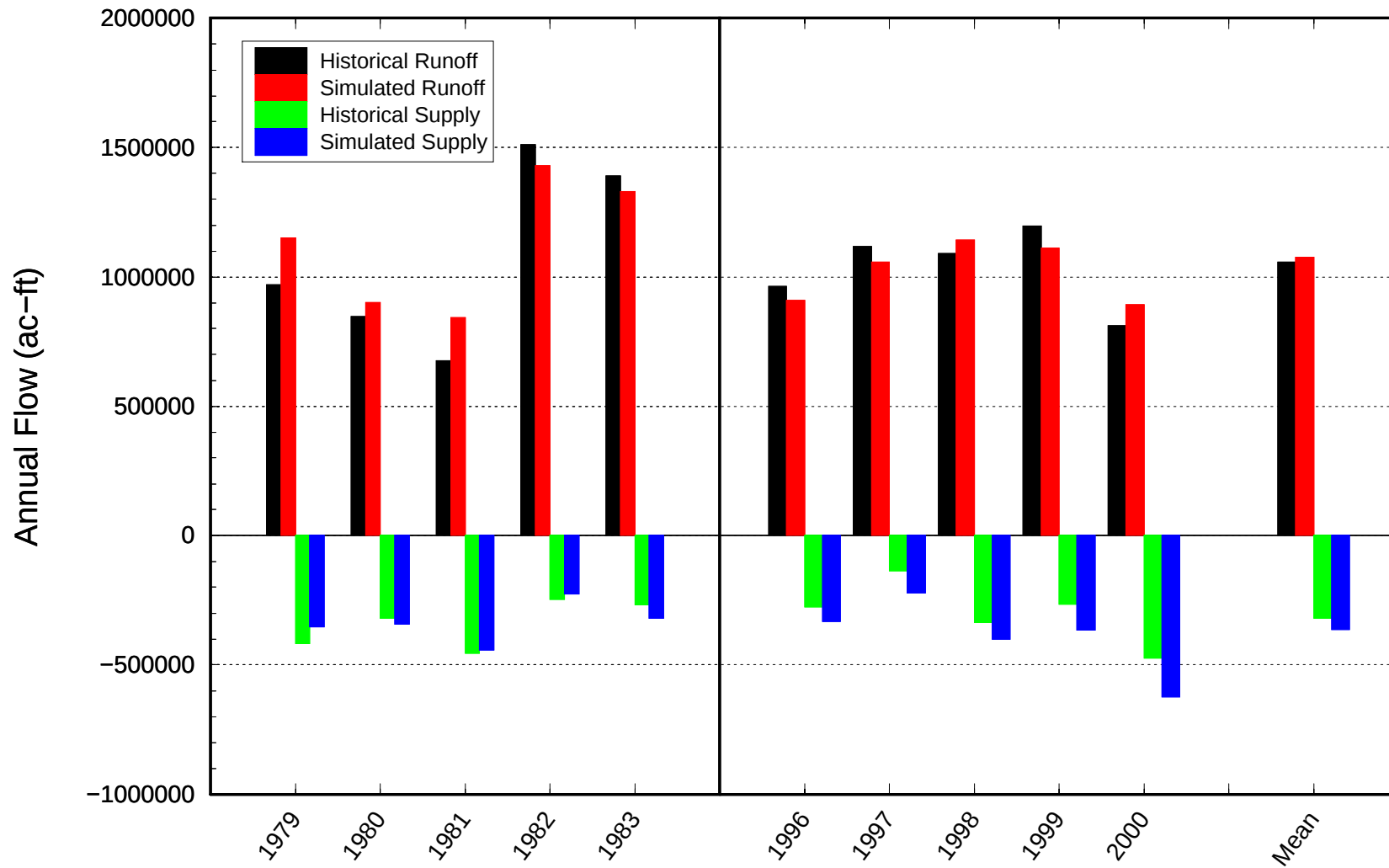
SFWMM V5.4

Script used: pm_eaa_calib.scr

Filename: annual_ts_calib.fig

Annual Runoff & Supplemental Flow for the EAA

SFWMM (V5.4) Simulated Compared with Historical (1979–1983 and 1996–2000)



Mean Annual Runoff: Historical=1058 kaf; Simulated=1077 kaf

Mean Annual Supply: Historical=0319 kaf; Simulated=0363 kaf

For Planning Purposes Only

Run date: 04/20/04 12:38:57

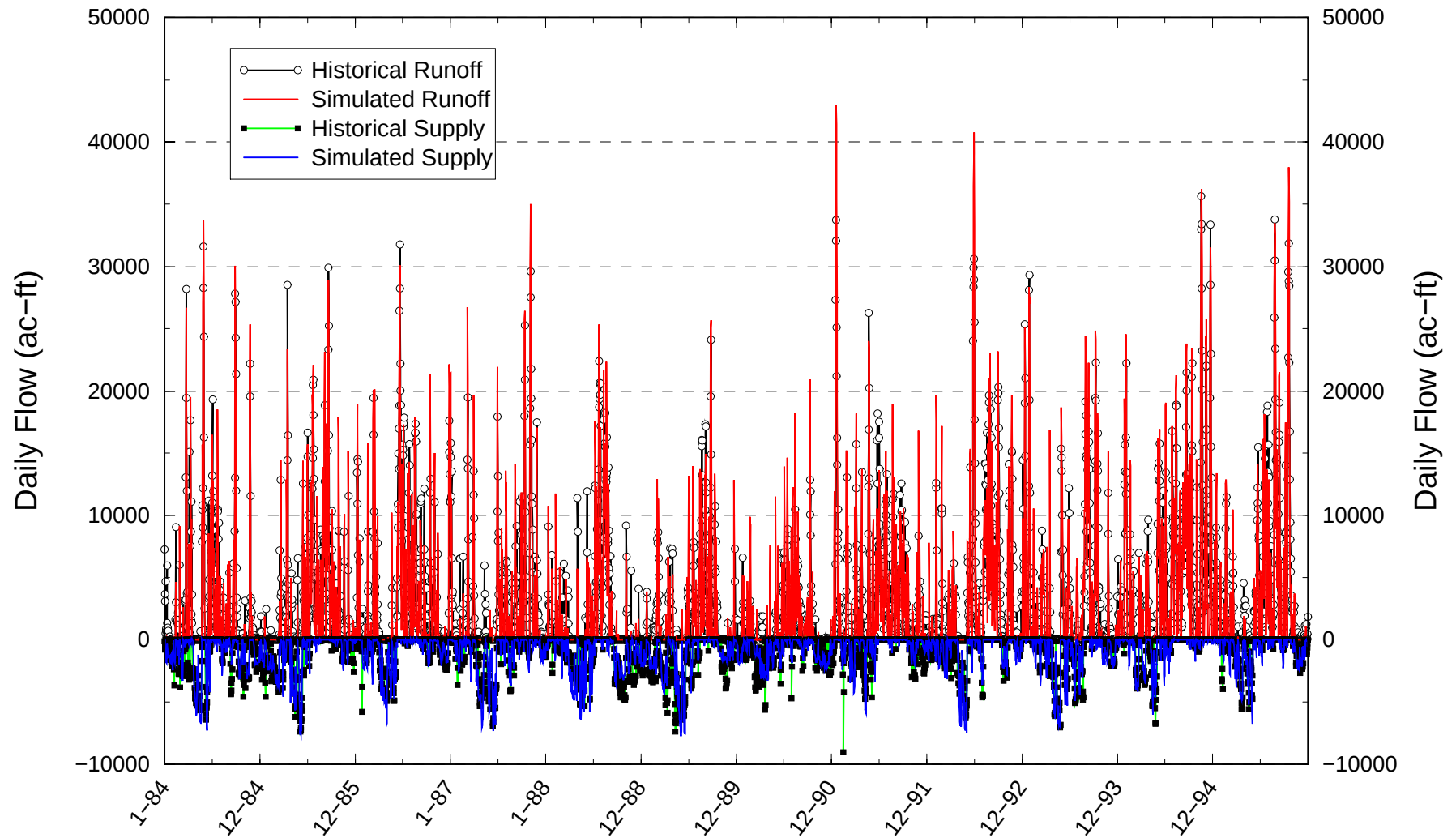
SFWMM V5.4

Script used: pm_eaa_verif_79_83_96_00.scr

Filename: annual_ts_verif.fig

Daily Runoff and Supplemental Flows for the EAA

Comparison of Historical and Simulated Values Period 1984 to 1995



For Planning Purposes Only

Run date: 04/05/04 07:11:18

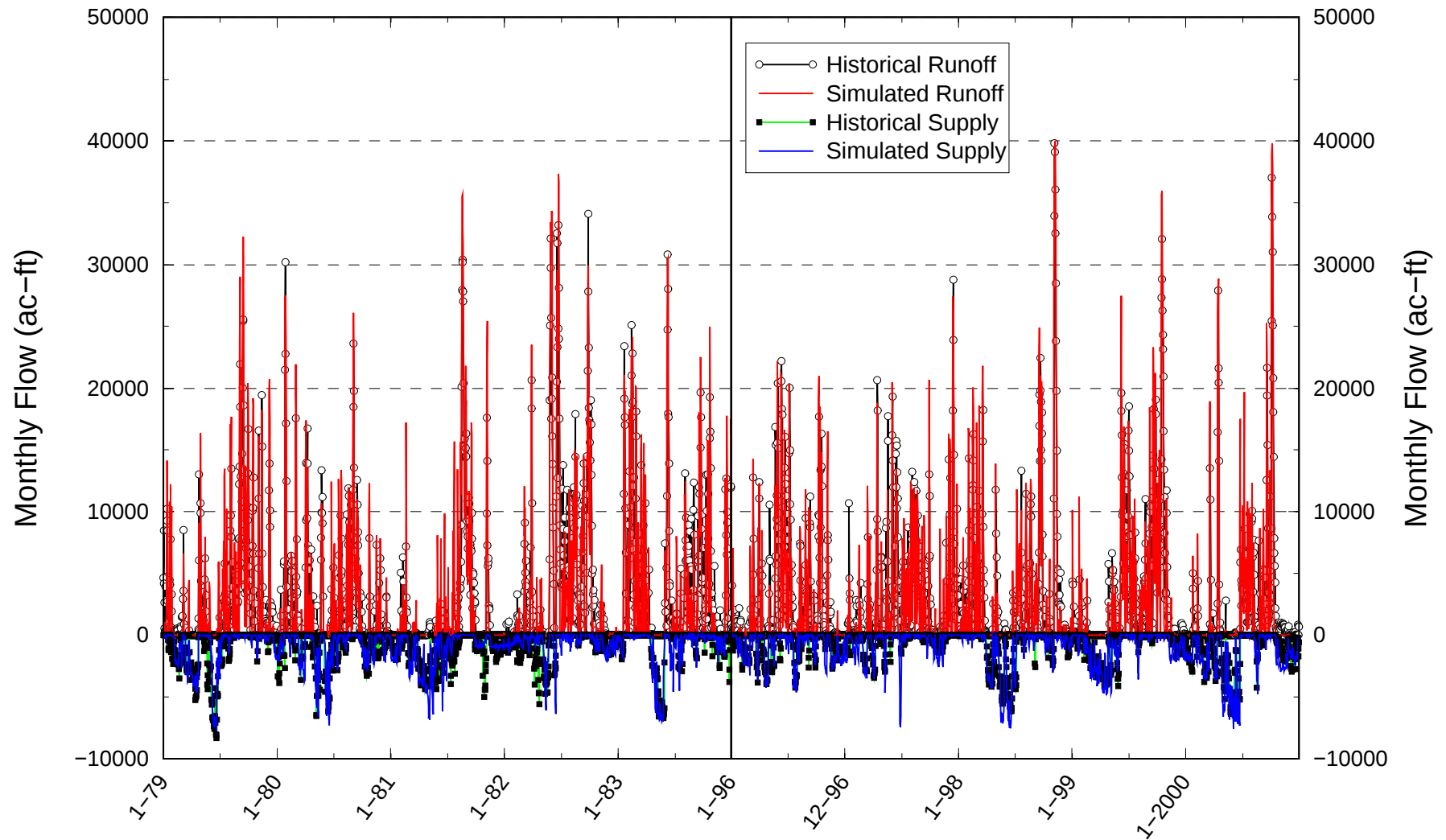
SFWM V5.4

Script used: pm_eaa_calib.scr

Filename: daily_ts_calib.fig

Daily Runoff and Supplemental Flows for the EAA

Comparison of Historical and Simulated Values Periods 1979 – 1983 and 1996 – 2000



For Planning Purposes Only

Run date: 04/20/04 12:38:59

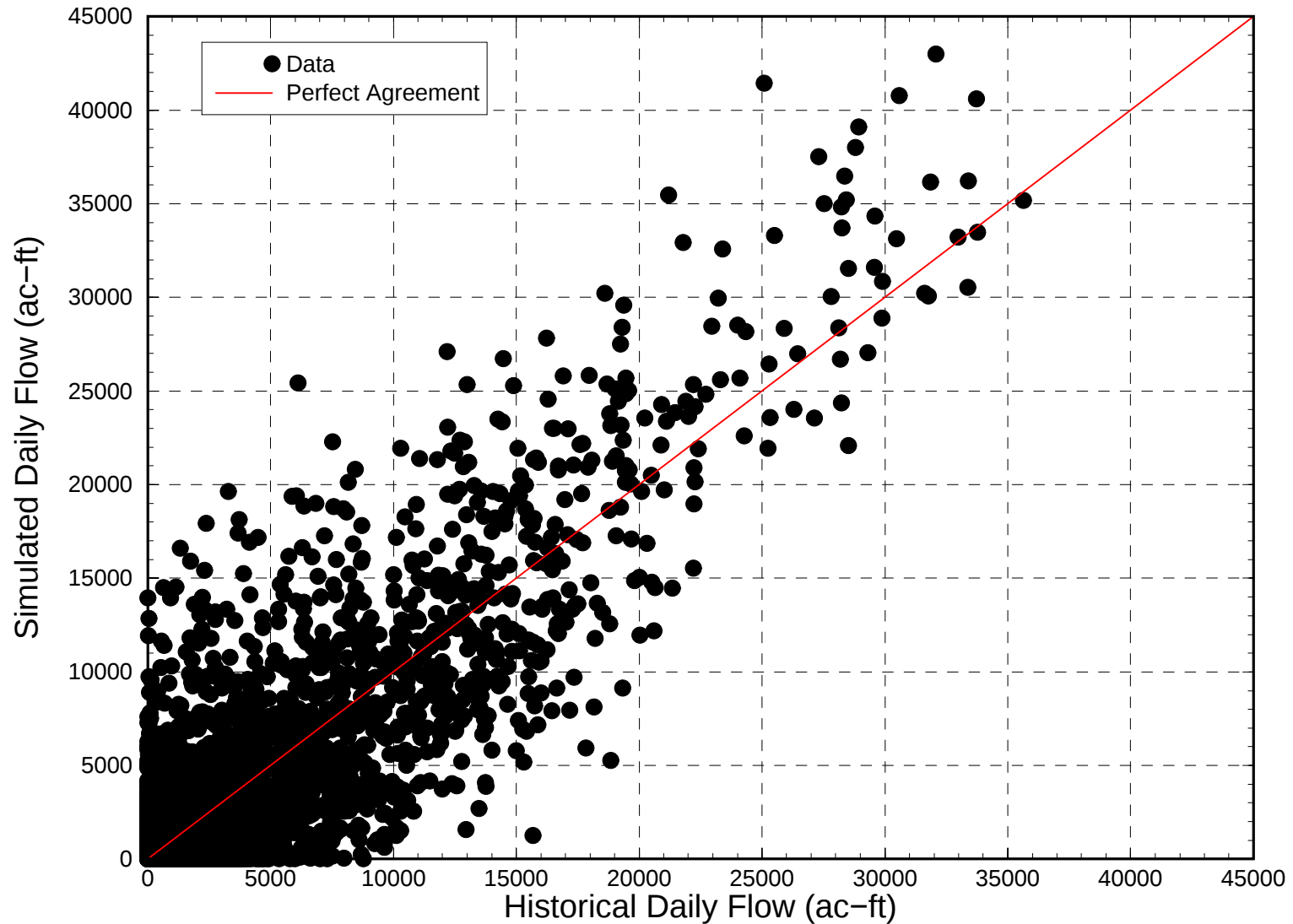
SFWMM V5.4

Script used: pm_eaa_verif_79_83_96_00.scr

Filename: daily_ts_verif.fig

Daily Historical and Simulated EAA Runoff

Calibration Period 1984 – 1995



Bias (Hist-Sim): -2.9 ac-ft

RMSE: 2873.45 ac-ft

Coefficient of Determination: 0.7534

Efficiency: 0.6829

For Planning Purposes Only

Run date: 04/05/04 07:11:20

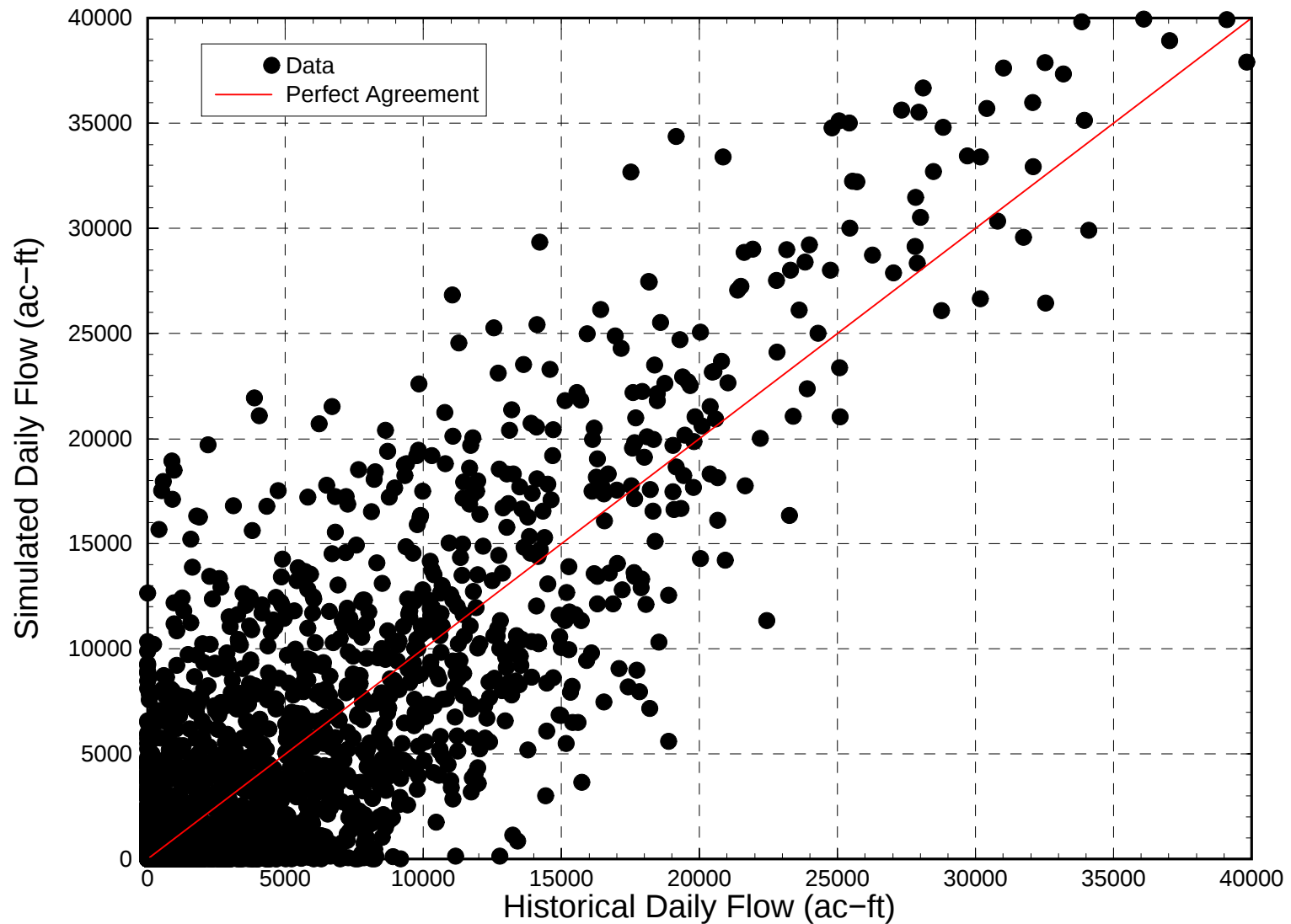
SFWMM V5.4

Script used: pm_eaa_calib.scr

Filename: daily_xy_runoff_calib.fig

Daily Historical and Simulated EAA Runoff

Verification Periods 1979 – 1983 and 1996 – 2000



Bias (Hist-Sim): -53.12 ac-ft

RMSE: 3059.59 ac-ft

Coefficient of Determination: 0.7411

Efficiency: 0.6614

For Planning Purposes Only

Run date: 04/20/04 12:39:01

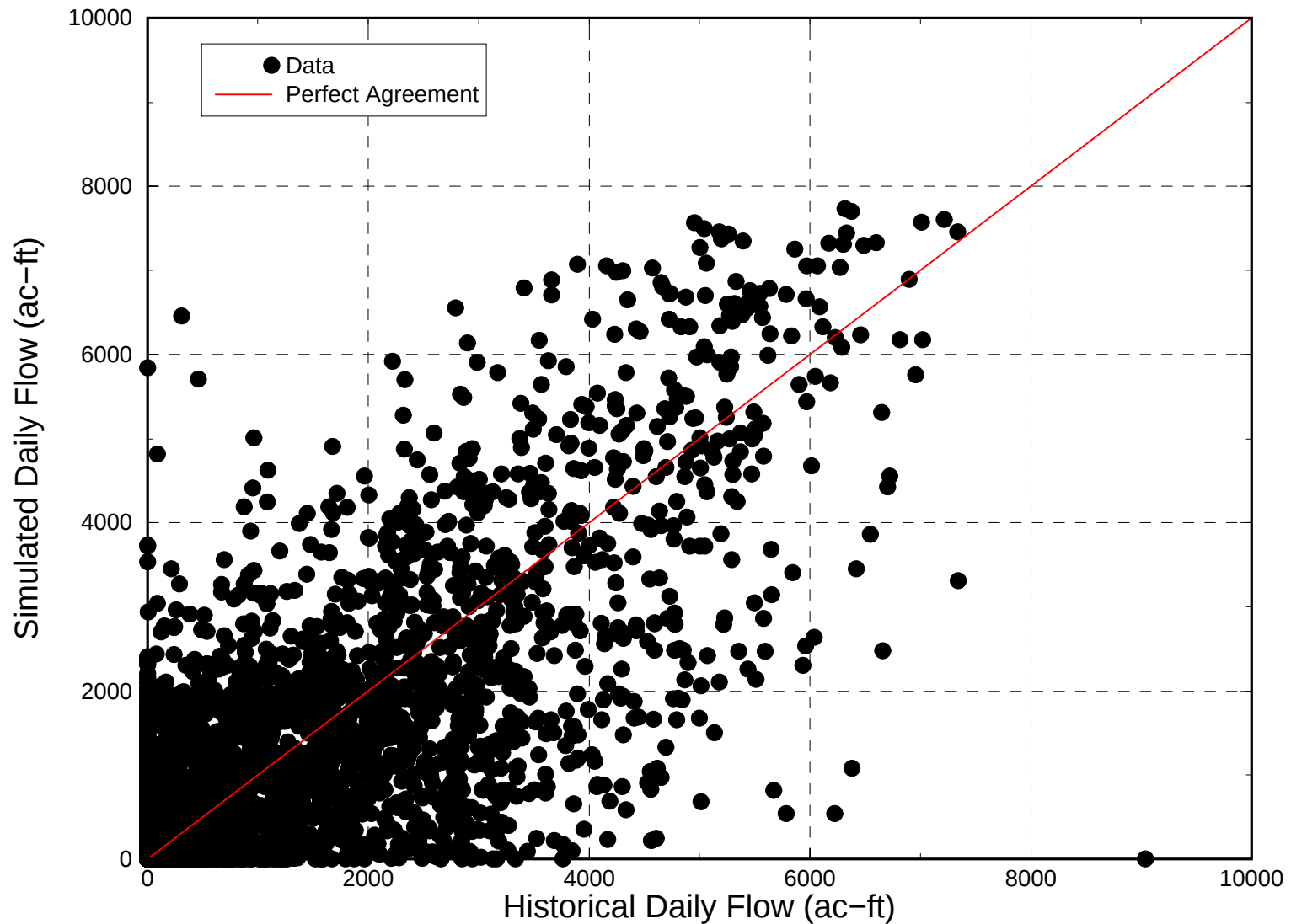
SFWMM V5.4

Script used: pm_eaa_verif_79_83_96_00.scr

Filename: daily_xy_runoff_verif.fig

Daily Historical and Simulated EAA Supply

Calibration Period 1984 – 1995



Bias (Hist-Sim): -3.789 ac-ft

RMSE: 981.633 ac-ft

Coefficient of Determination: 0.5975

Efficiency: 0.5443

For Planning Purposes Only

Run date: 04/05/04 07:11:21

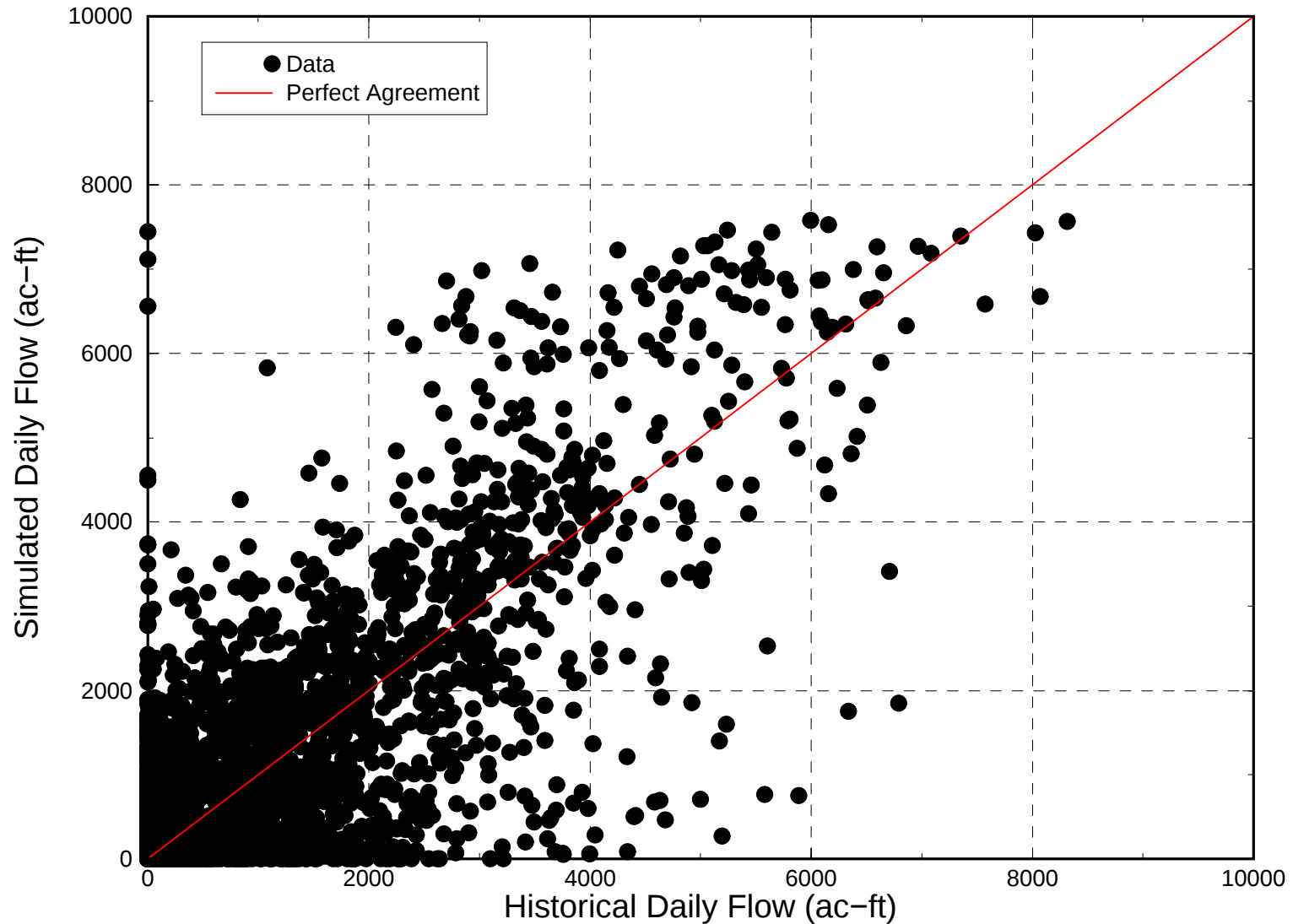
SFWMM V5.4

Script used: pm_eaa_calib.scr

Filename: daily_xy_supply_calib.fig

Daily Historical and Simulated EAA Supply

Verification Periods 1979 – 1983 and 1996 – 2000

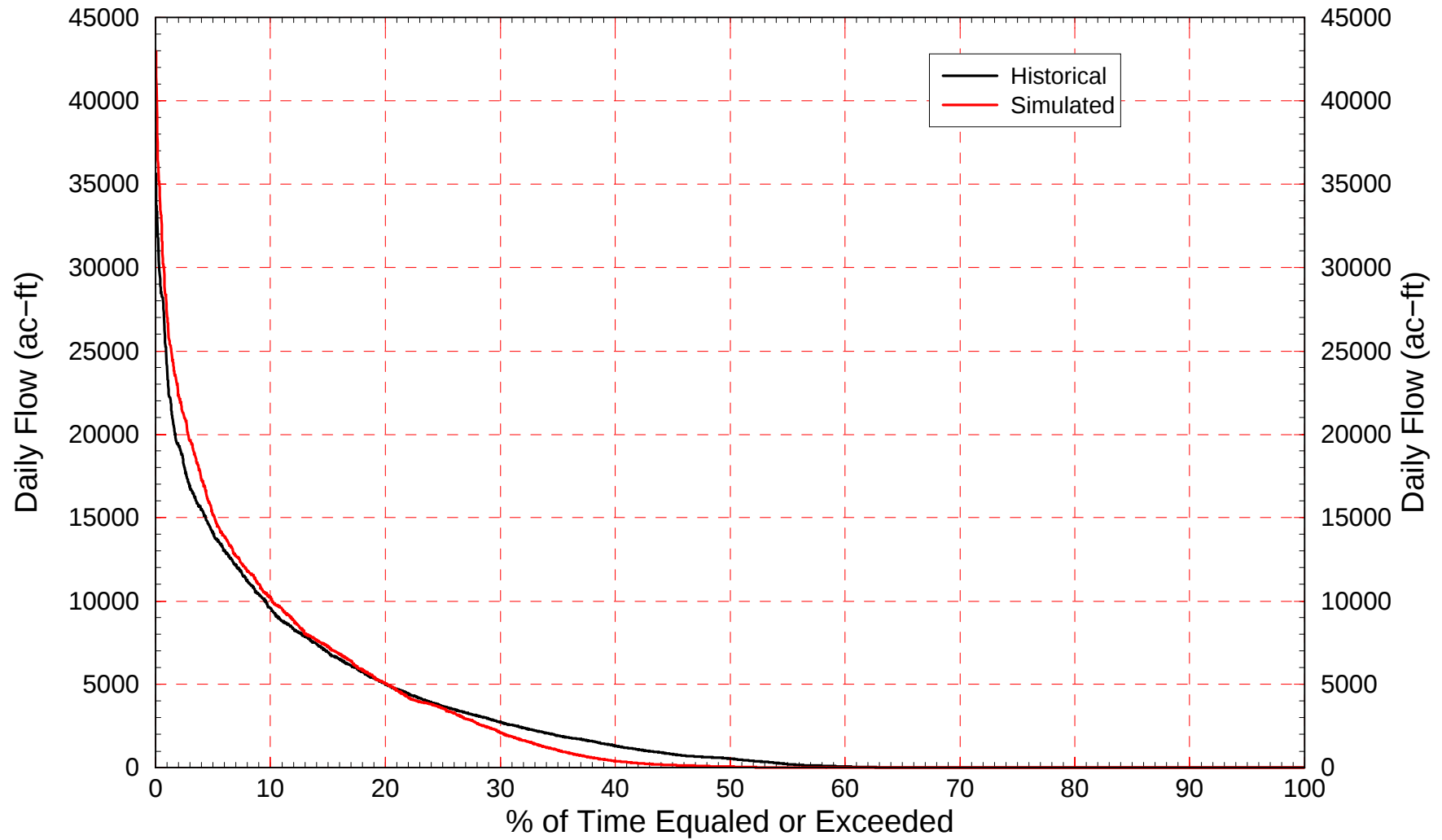


Bias (Hist-Sim): -119.209 ac-ft
RMSE: 931.699 ac-ft
Coefficient of Determination: 0.6368
Efficiency: 0.5219

For Planning Purposes Only
Run date: 04/20/04 12:39:02
SFWMM V5.4
Script used: pm_eaa_verif_79_83_96_00.scr
Filename: daily_xy_supply_verif.fig

Flow Duration – Daily EAA Runoff

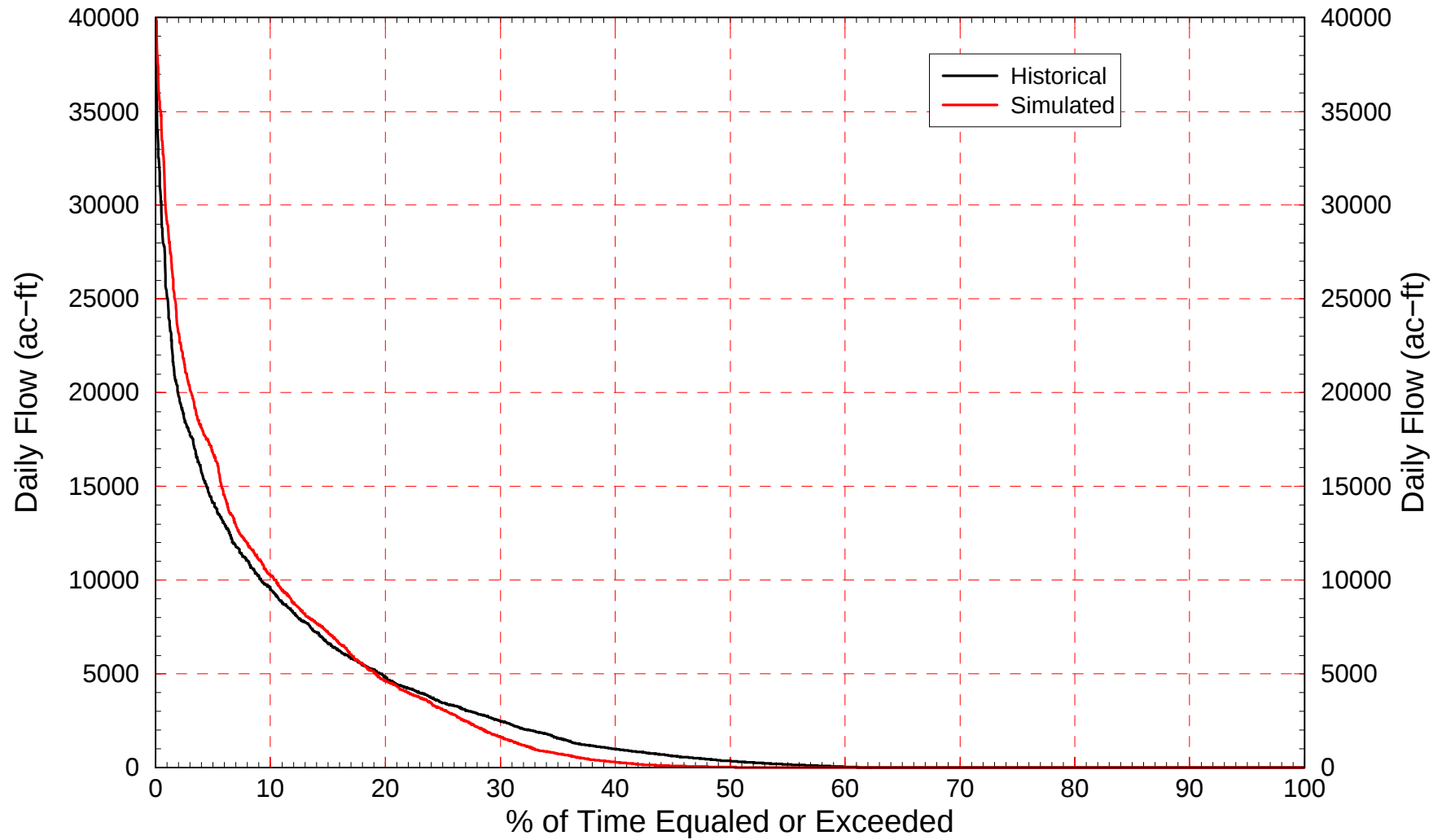
Calibration Period 1984 – 1995



For Planning Purposes Only
Run date: 04/05/04 07:11:23
SFWMM V5.4
Script used: pm_eaa_calib.scr
Filename: fldur_runoff_calib.fig

Flow Duration – Daily EAA Runoff

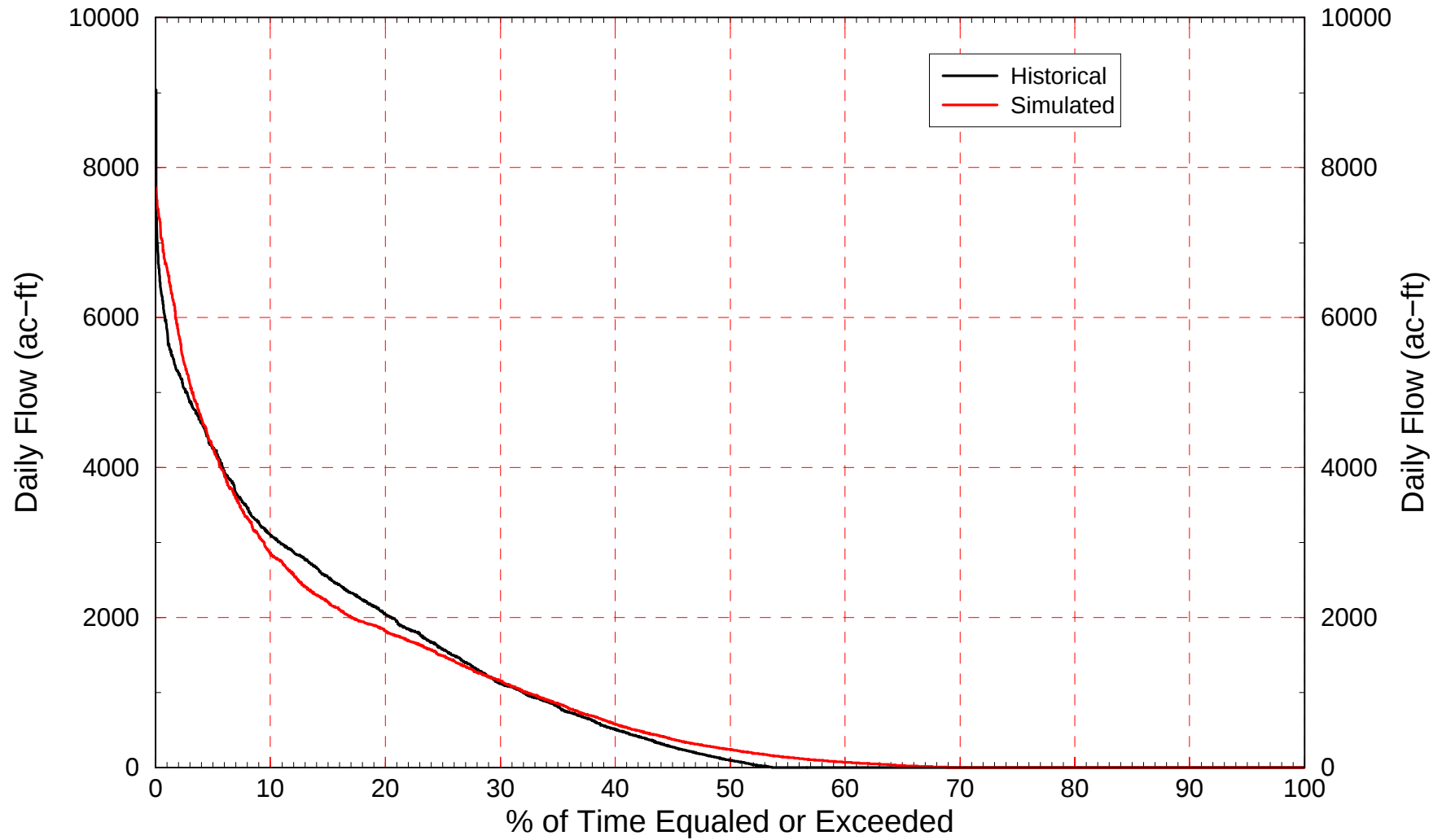
Verification Periods 1979 – 1983 and 1996 – 2000



For Planning Purposes Only
Run date: 04/20/04 12:39:03
SFWMM V5.4
Script used: pm_eaa_verif_79_83_96_00.scr
Filename: fldur_runoff_verif.fig

Flow Duration – Daily EAA Supply

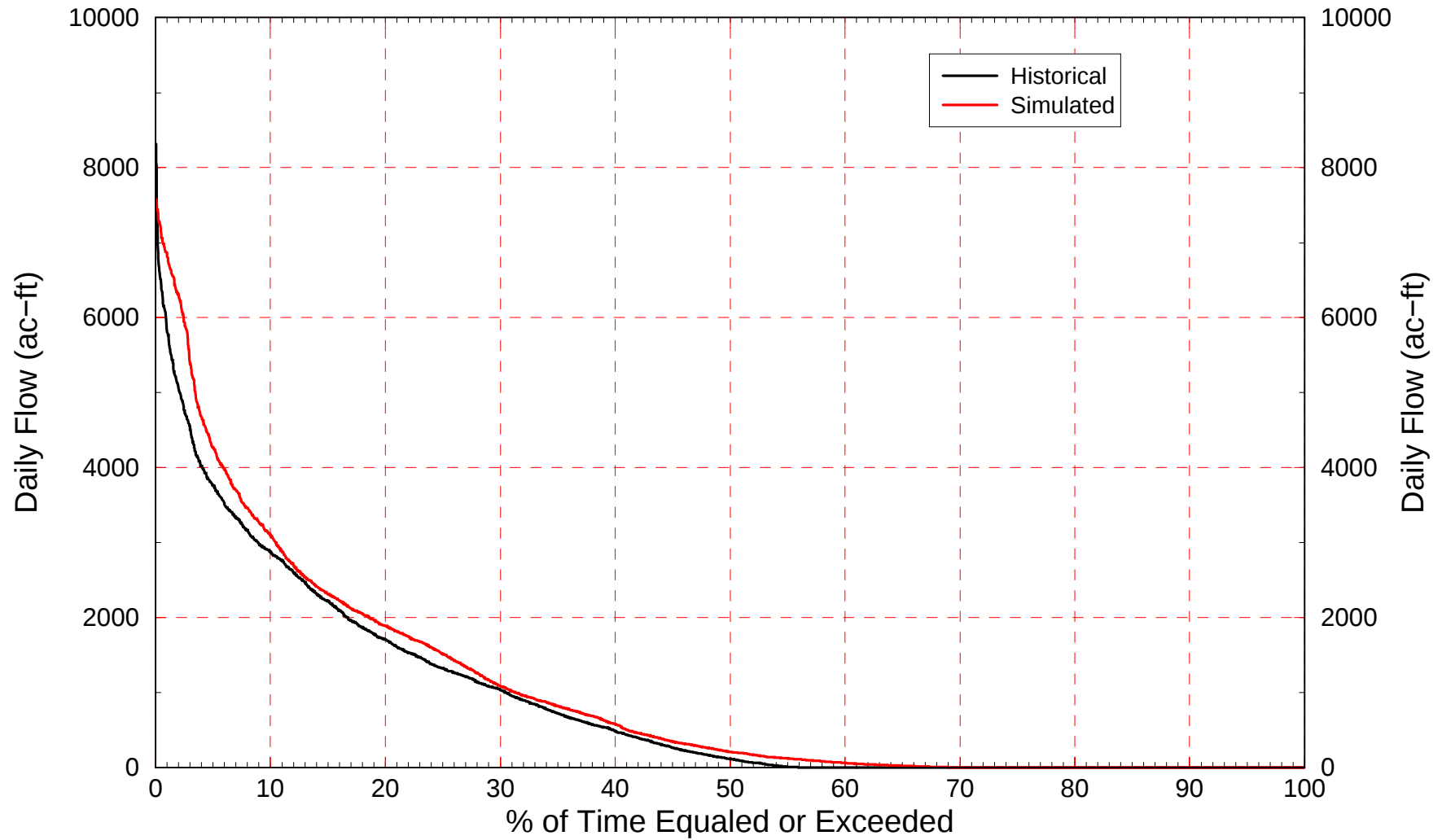
Calibration Period 1984 – 1995



For Planning Purposes Only
Run date: 04/05/04 07:11:24
SFWMM V5.4
Script used: pm_eaa_calib.scr
Filename: fldur_supply_calib.fig

Flow Duration – Daily EAA Supply

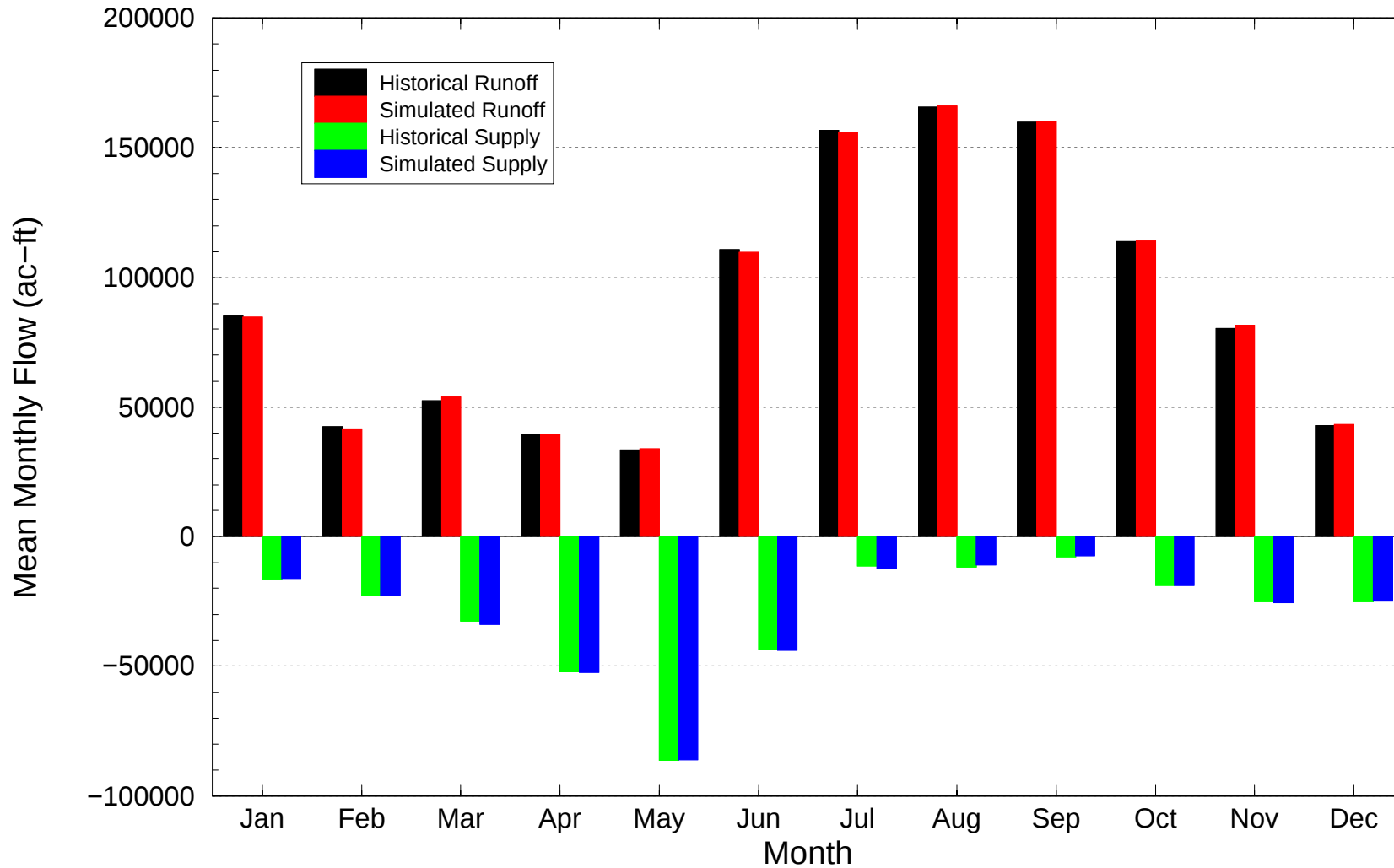
Verification Periods 1979 – 1983 and 1996 – 2000



For Planning Purposes Only
Run date: 04/20/04 12:39:05
SFWMM V5.4
Script used: pm_eaa_verif_79_83_96_00.scr
Filename: fldur_supply_verif.fig

Mean Monthly Runoff & Supply Comparison

Calibration Period 1984 – 1995



Mean Annual Runoff: Historical=1083 kaf; Simulated=1084 kaf

Mean Annual Supply: Historical=0354 kaf; Simulated=0355 kaf

For Planning Purposes Only

Run date: 04/05/04 07:11:14

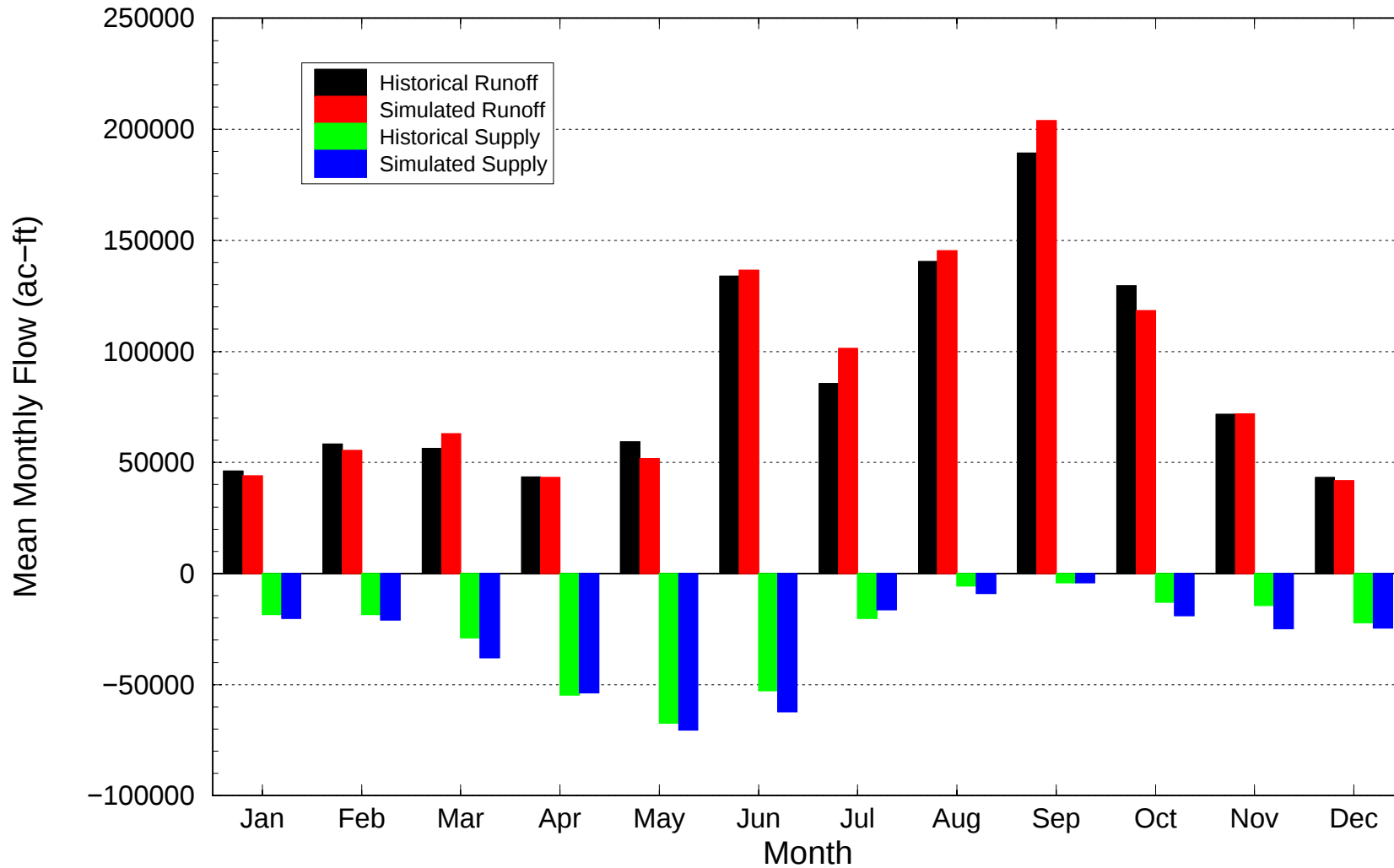
SFWMM V5.4

Script used: pm_eaa_calib.scr

Filename: mean_mon_calib.fig

Mean Monthly Runoff & Supply Comparison

Verification Periods 1979 – 1983 and 1996 – 2000



Mean Annual Runoff: Historical=1058 kaf; Simulated=1077 kaf

Mean Annual Supply: Historical=0319 kaf; Simulated=0363 kaf

For Planning Purposes Only

Run date: 04/20/04 12:38:57

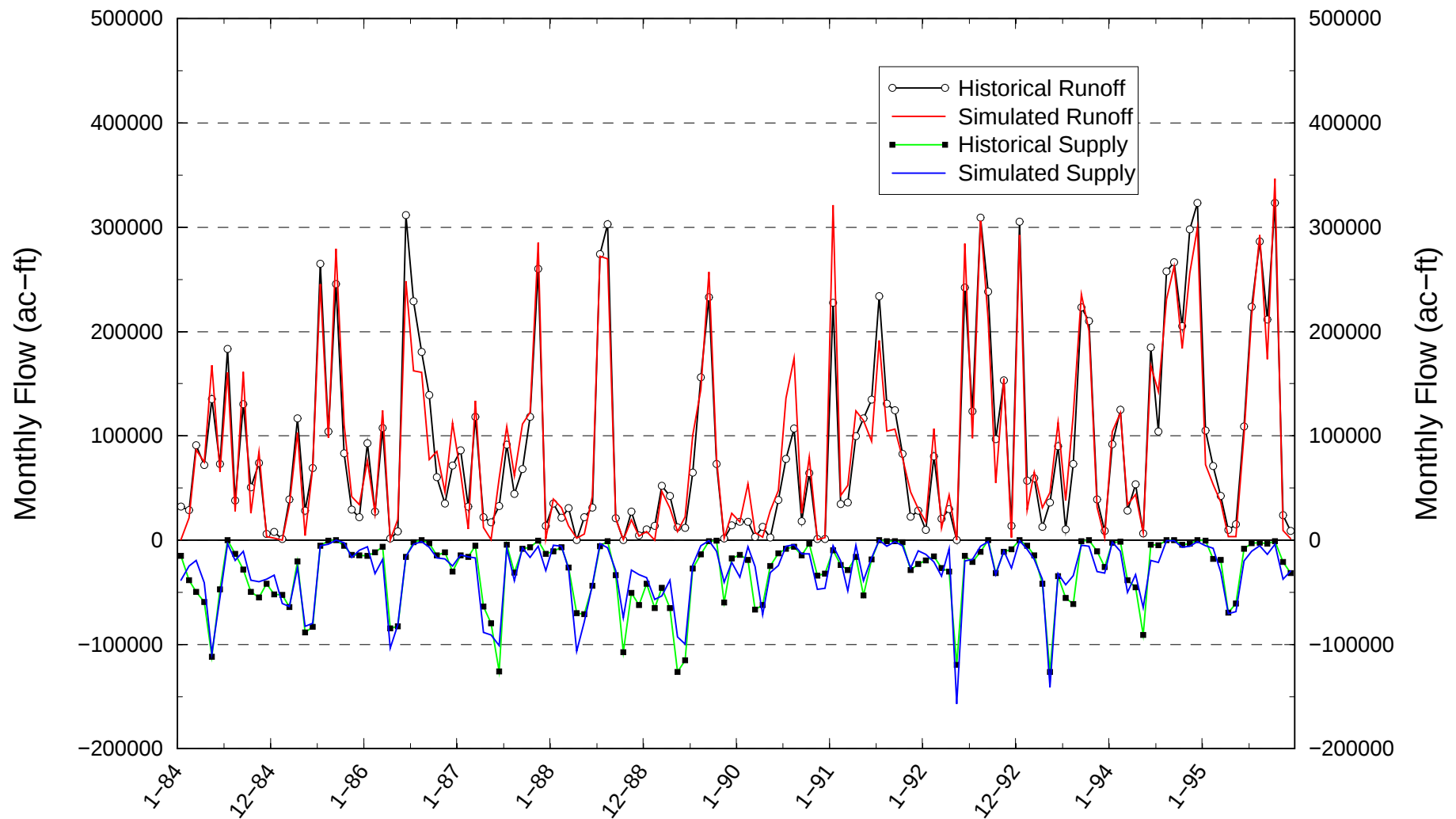
SFWMM V5.4

Script used: pm_eaa_verif_79_83_96_00.scr

Filename: mean_mon_verif.fig

Monthly Runoff and Supplemental Flows for the EAA

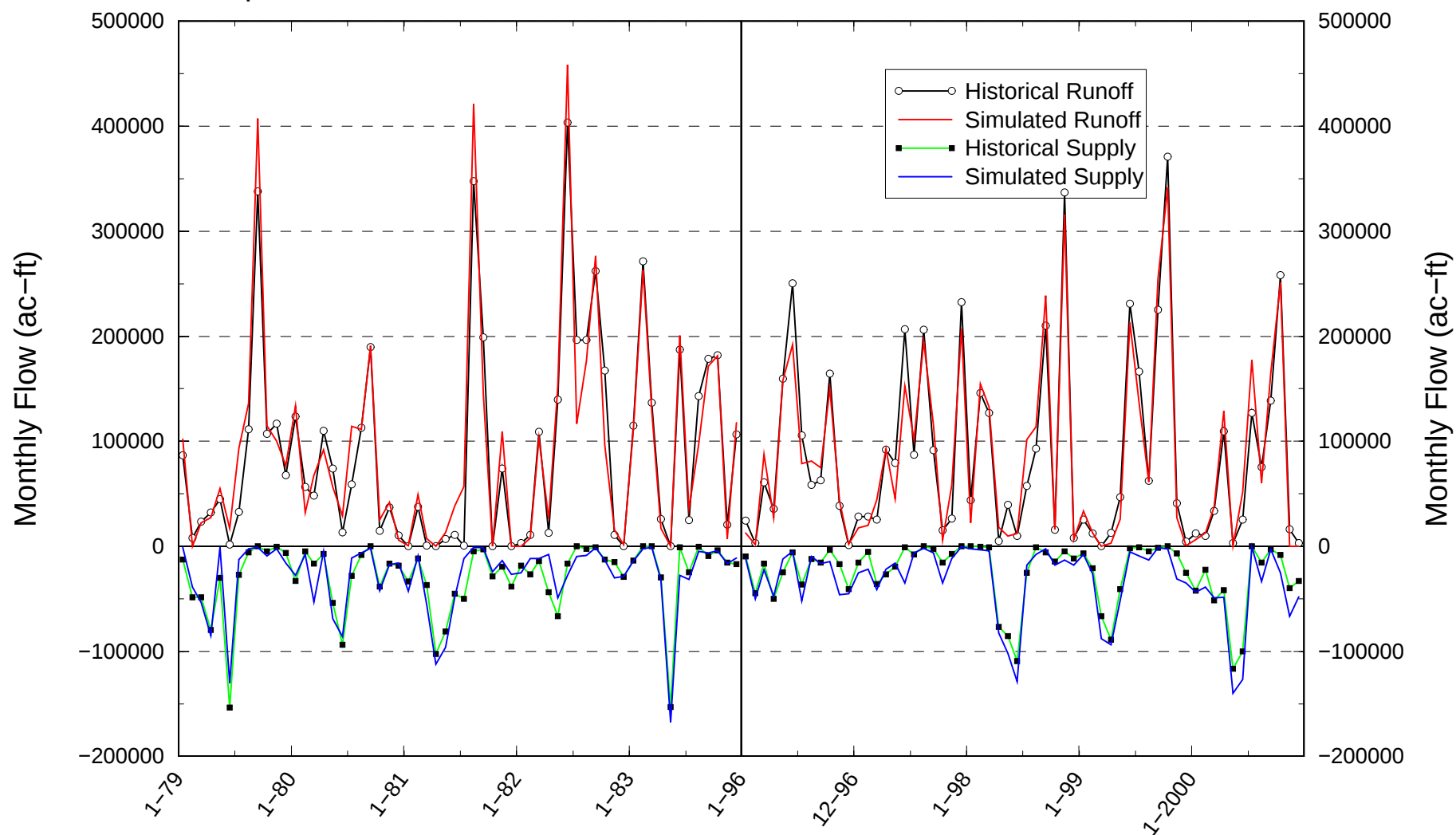
Comparison of Historical and Simulated Values Period 1984 to 1995



For Planning Purposes Only
Run date: 04/05/04 07:11:16
SFWMM V5.4
Script used: pm_eaa_calib.scr
Filename: monthly_ts_calib.fig

Monthly Runoff and Supplemental Flows for the EAA

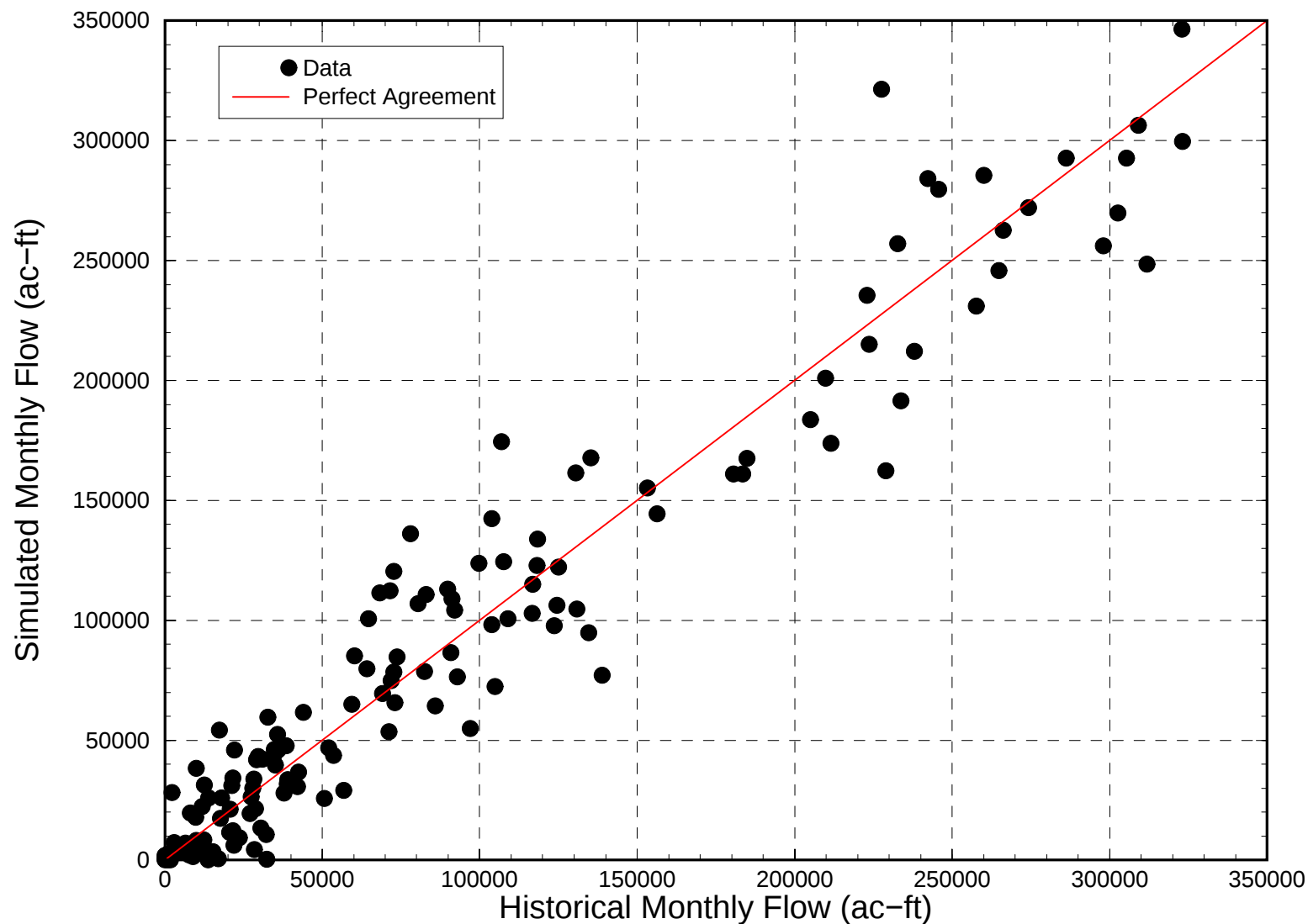
Comparison of Historical and Simulated Values Period 1979–1983 and 1996–2000



For Planning Purposes Only
Run date: 04/20/04 12:38:57
SFWM V5.4
Script used: pm_eaa_verif_79_83_96_00.scr
Filename: monthly_ts_verif.fig

Monthly Historical and Simulated EAA Runoff

Calibration Period 1984 – 1995



Bias (Hist-Sim): -88.3 ac-ft

RMSE: 23644.7 ac-ft

Coefficient of Determination: 0.9320

Efficiency: 0.9314

For Planning Purposes Only

Run date: 04/05/04 07:11:16

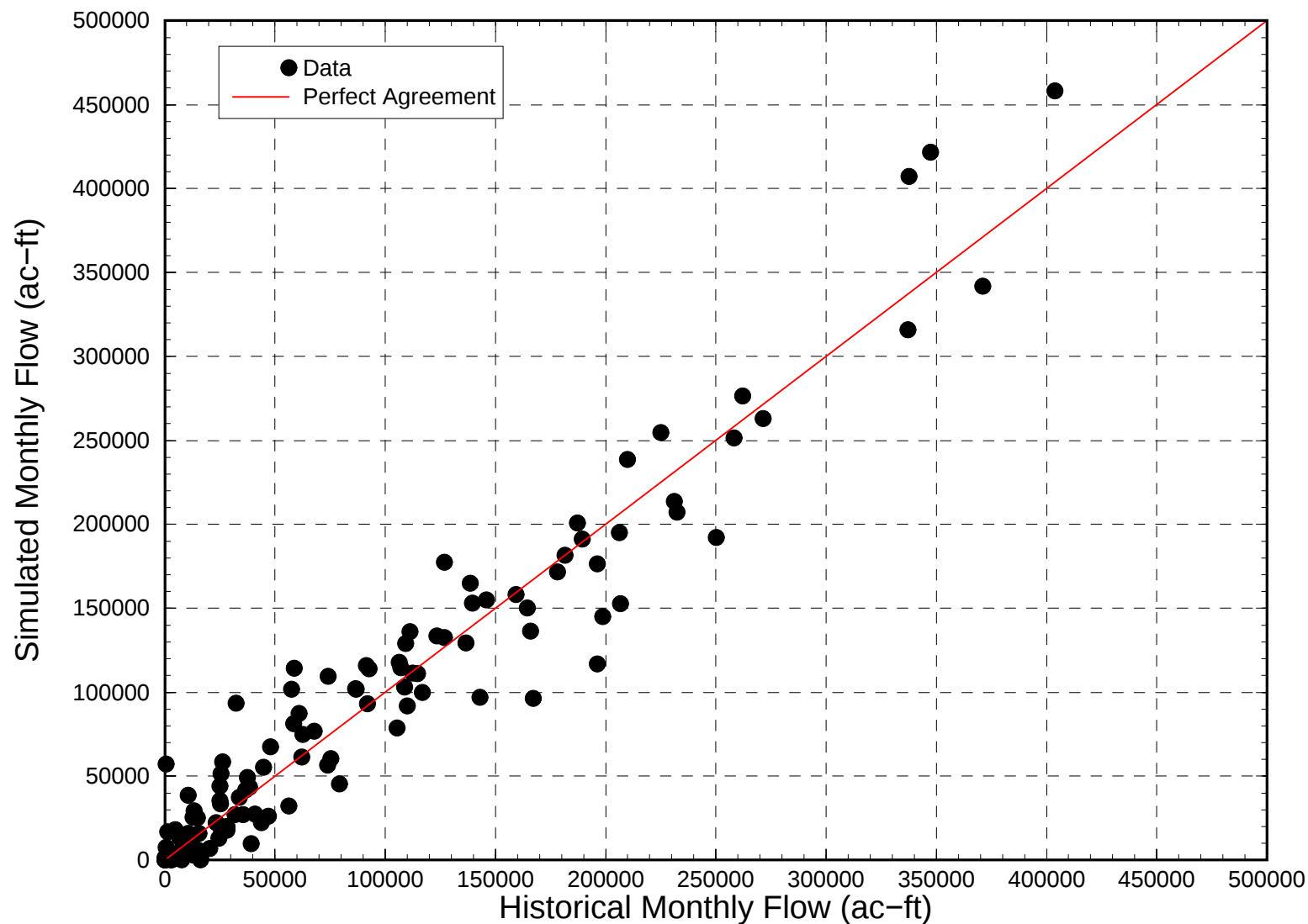
SFWMM V5.4

Script used: pm_eaa_calib.scr

Filename: monthly_xy_runoff_calib.fig

Monthly Historical and Simulated EAA Runoff

Verification Periods 1979 – 1983 and 1996 – 2000



Bias (Hist-Sim): -1617 ac-ft

RMSE: 25062.9 ac-ft

Coefficient of Determination: 0.9306

Efficiency: 0.9272

For Planning Purposes Only

Run date: 04/20/04 12:38:58

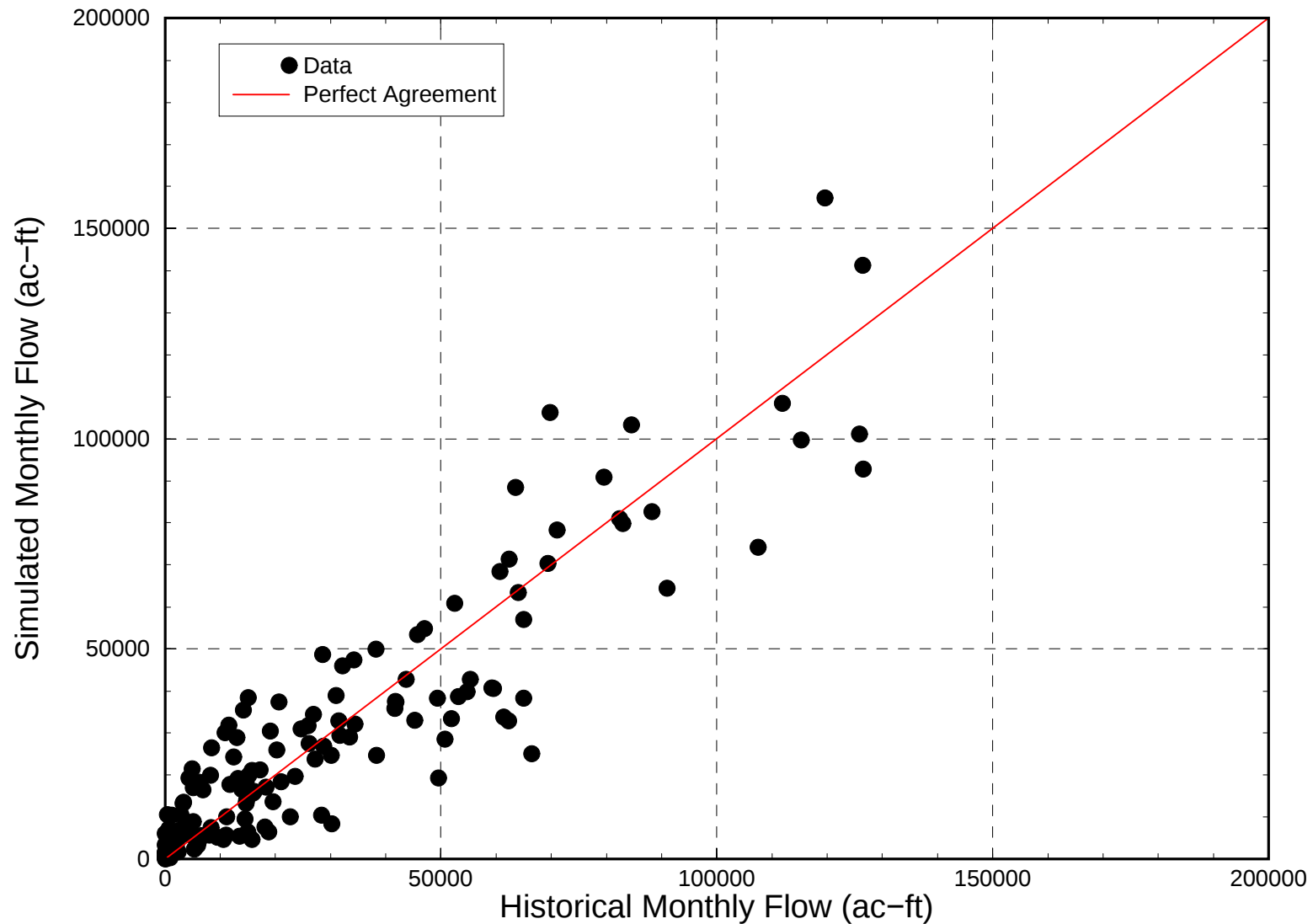
SFWMM V5.4

Script used: pm_eaa_verif_79_83_96_00.scr

Filename: monthly_xy_runoff_verif.fig

Monthly Historical and Simulated EAA Supply

Calibration Period 1984 – 1995

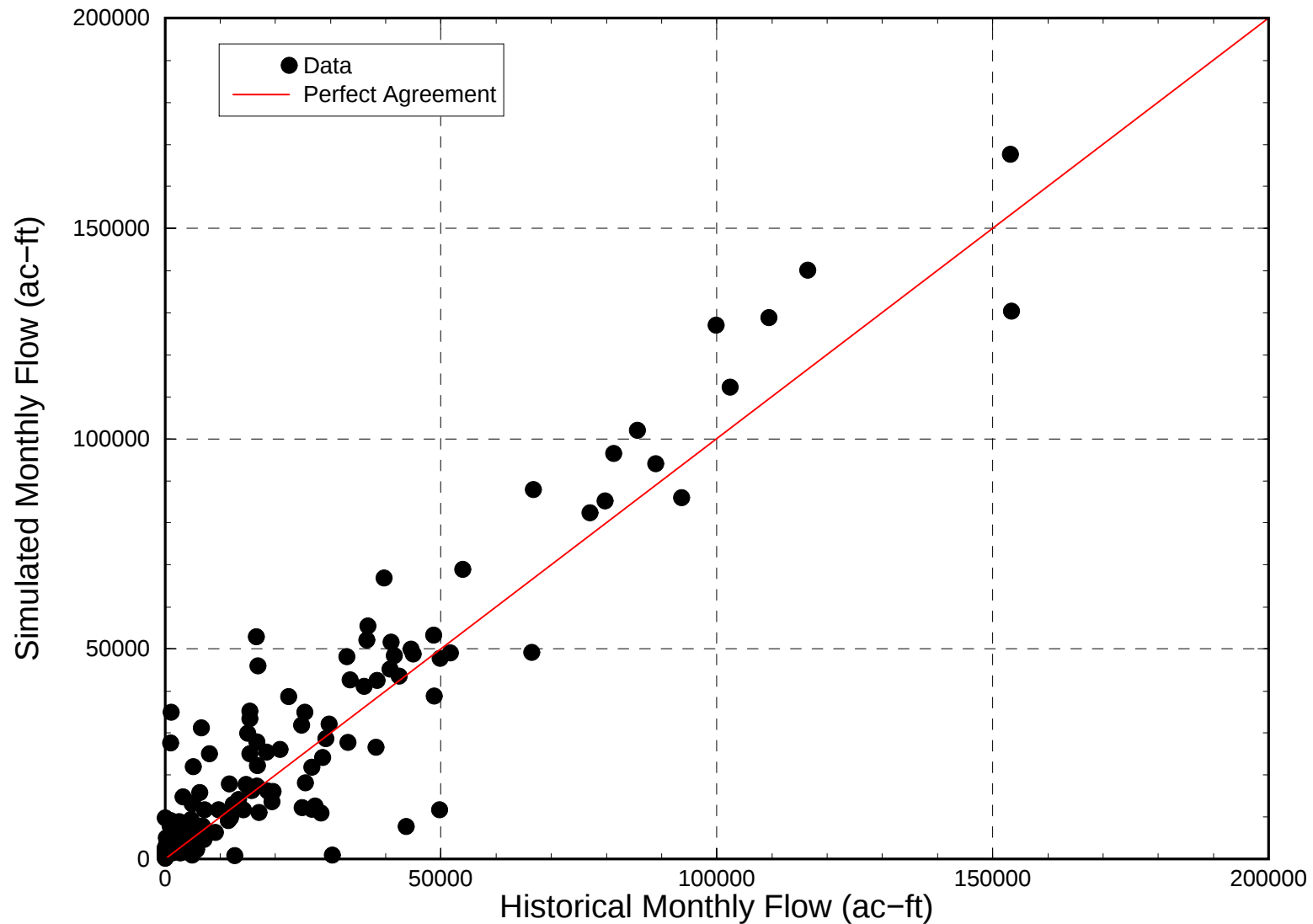


Bias (Hist-Sim): -115.3 ac-ft
RMSE: 12878.7 ac-ft
Coefficient of Determination: 0.8316
Efficiency: 0.8294

For Planning Purposes Only
Run date: 04/05/04 07:11:17
SFMM V5.4
Script used: pm_eaa_calib.scr
Filename: monthly_xy_supply_calib.fig

Monthly Historical and Simulated EAA Supply

Verification Periods 1979 – 1983 and 1996 – 2000



Bias (Hist-Sim): -3628.9 ac-ft
RMSE: 12601.4 ac-ft
Coefficient of Determination: 0.8722
Efficiency: 0.8377

For Planning Purposes Only
Run date: 04/20/04 12:38:59
SFWMM V5.4
Script used: pm_eaa_verif_79_83_96_00.scr
Filename: monthly_xy_supply_verif.fig