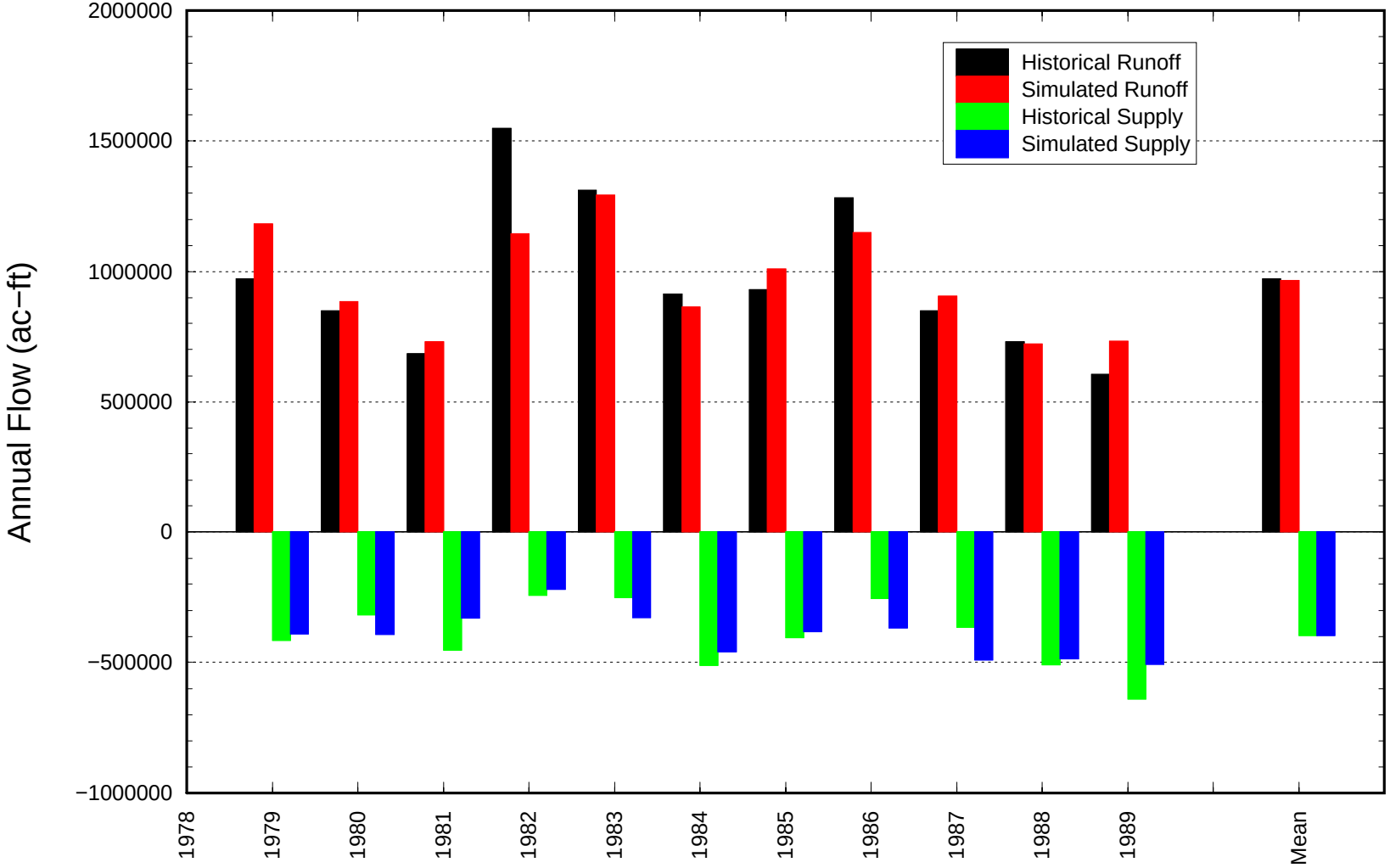
Figure E.1 Annual Runoff & Supplemental Flow for the EAA

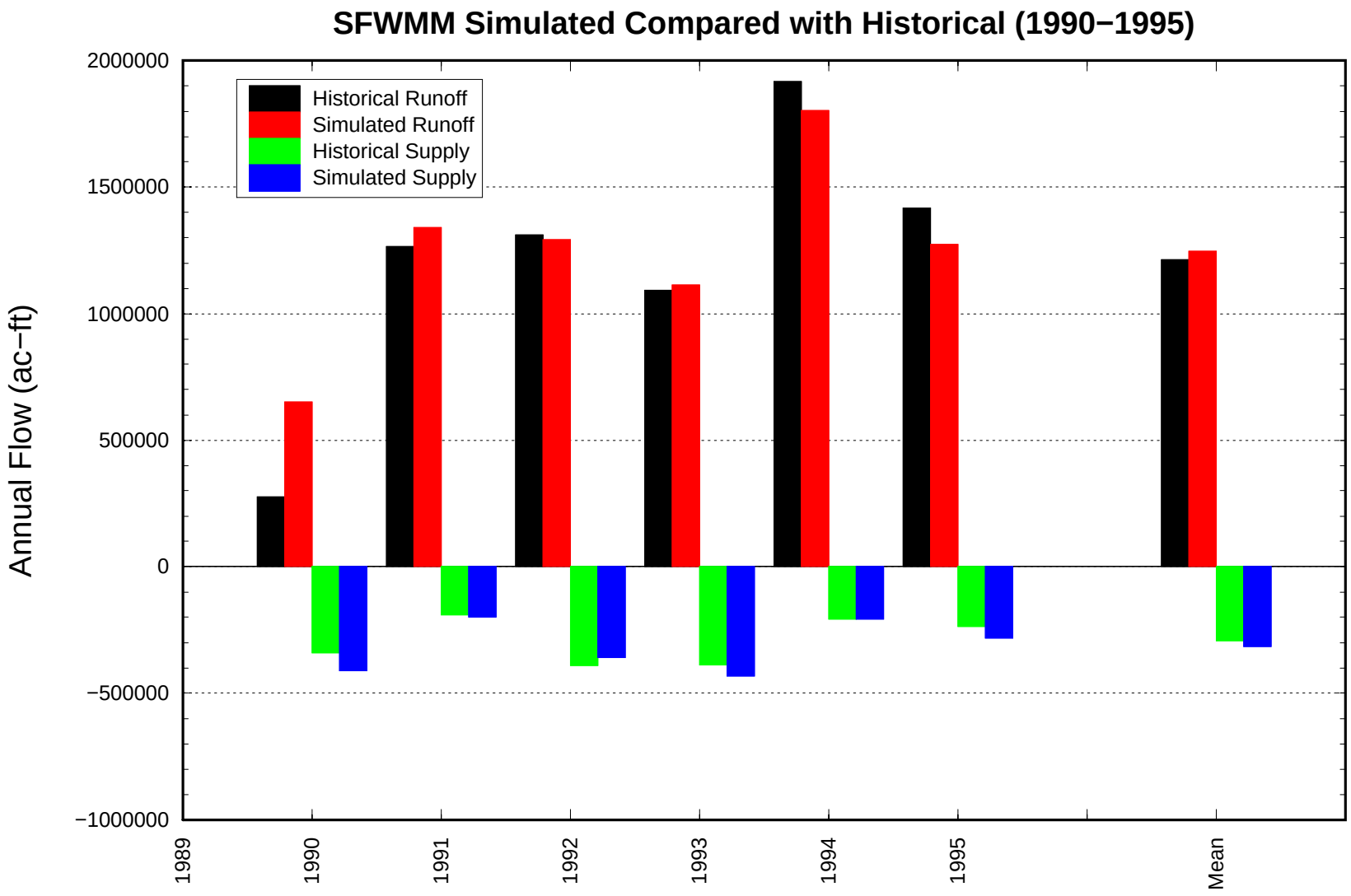
SFWMM Simulated Compared with Historical (1979−1989)



Mean Annual Runoff: Historical=971 kaf; Simulated=965 kaf

Mean Annual Supply: Historical=−397 kaf; Simulated=−396 kaf

Figure E.2 Annual Runoff & Supplemental Flow for the EAA



Mean Annual Runoff: Historical=1214 kaf; Simulated=1246 kaf

Mean Annual Supply: Historical=−292 kaf; Simulated=−315 kaf

Figure E.3 Daily Runoff and Supplemental Flows for the EAA

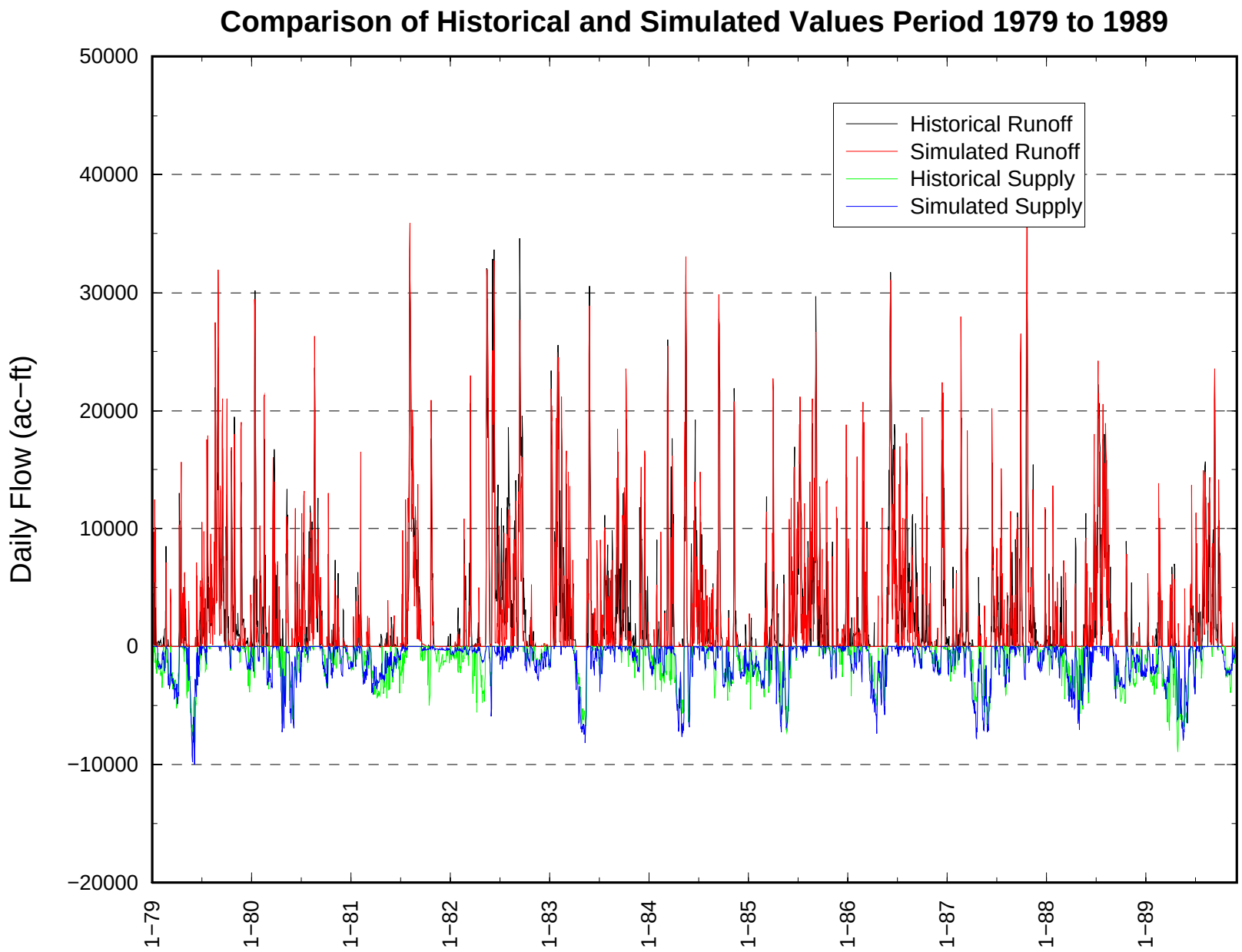


Figure E.4 Daily Runoff and Supplemental Flows for the EAA

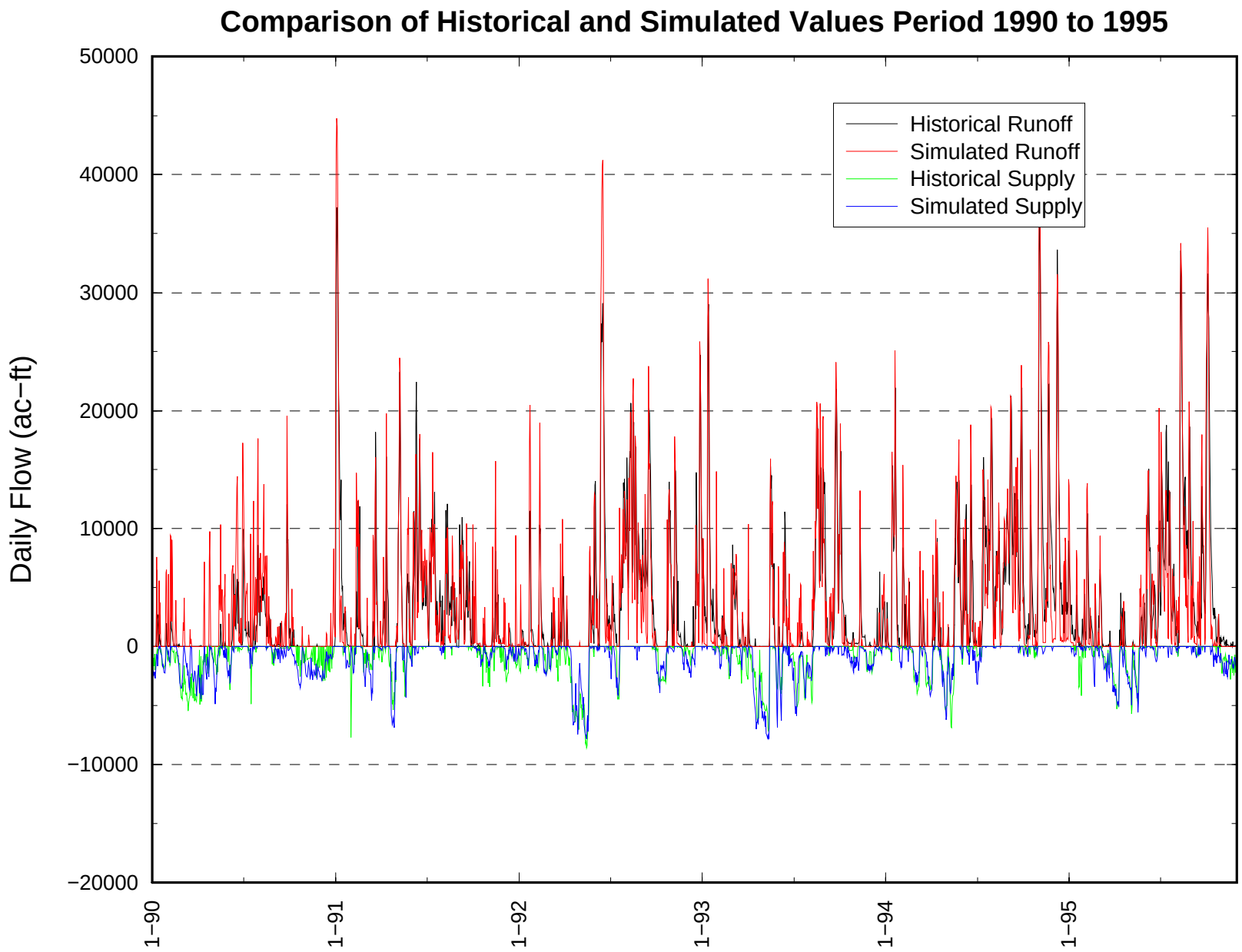
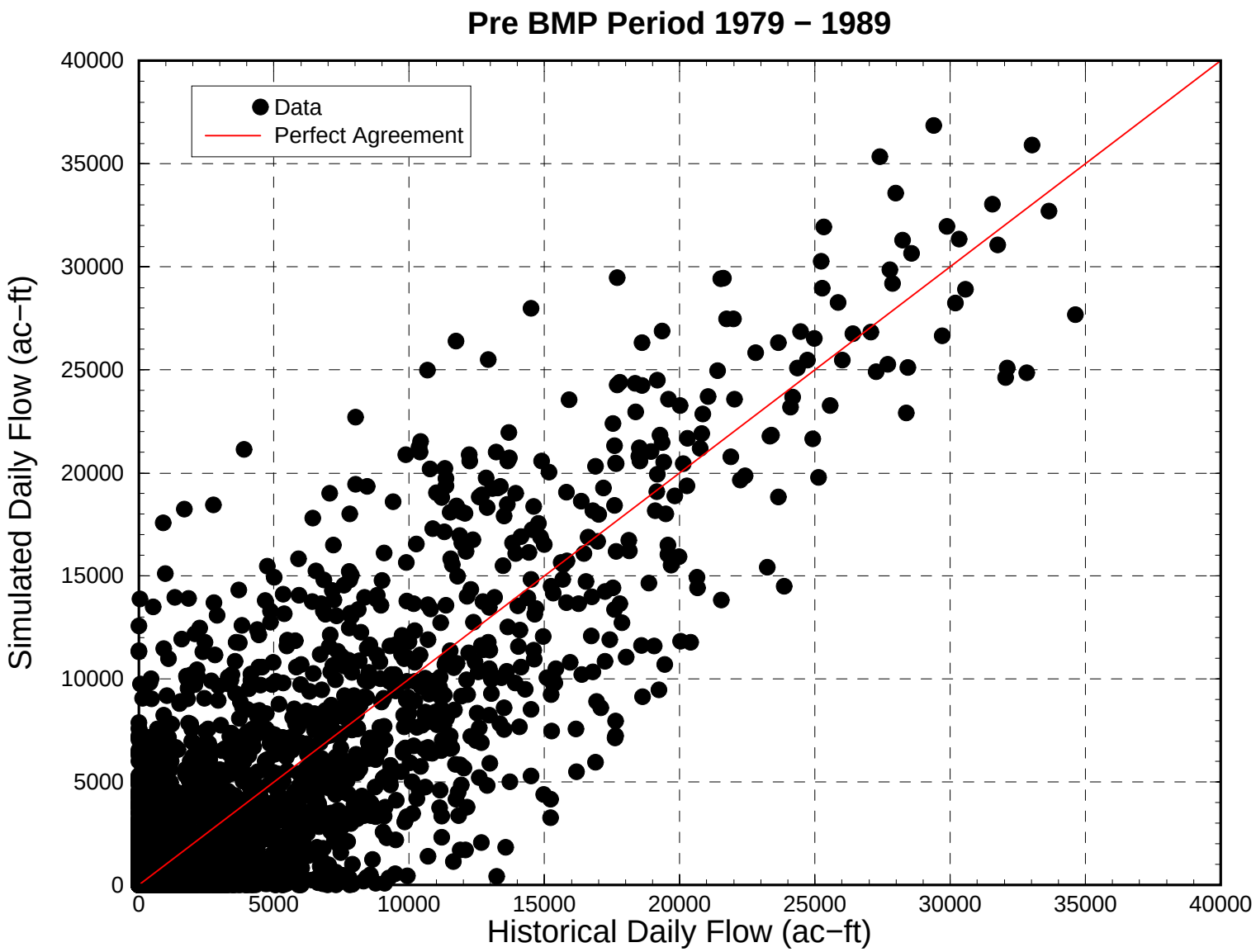


Figure E.5 Daily Historical and Simulated EAA Runoff

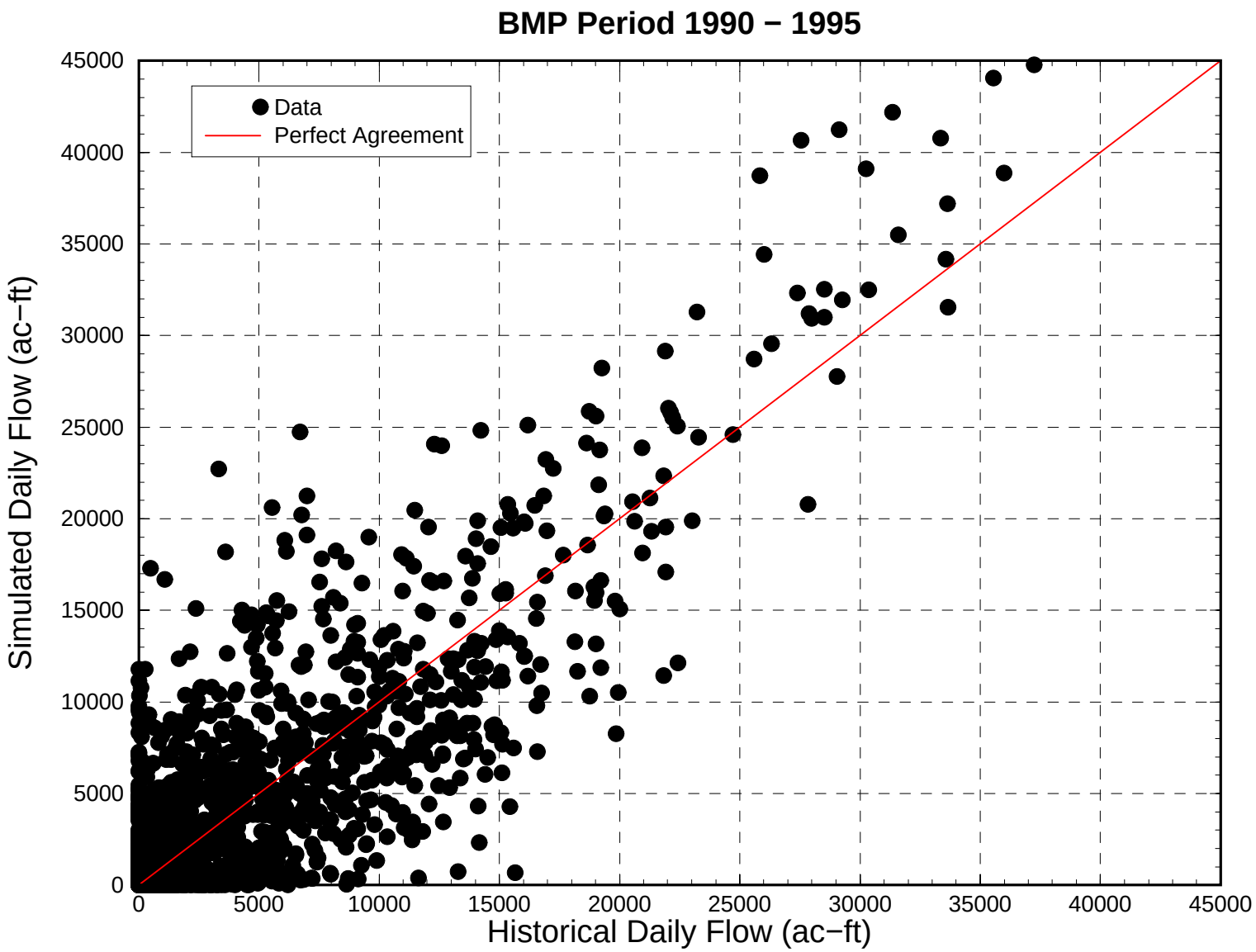


Bias (Hist−Sim): 15.37 ac−ft

Coefficient of Determination: 0.8609

RMSE: 2741.8 ac−ft

Figure E.6 Daily Historical and Simulated EAA Runoff

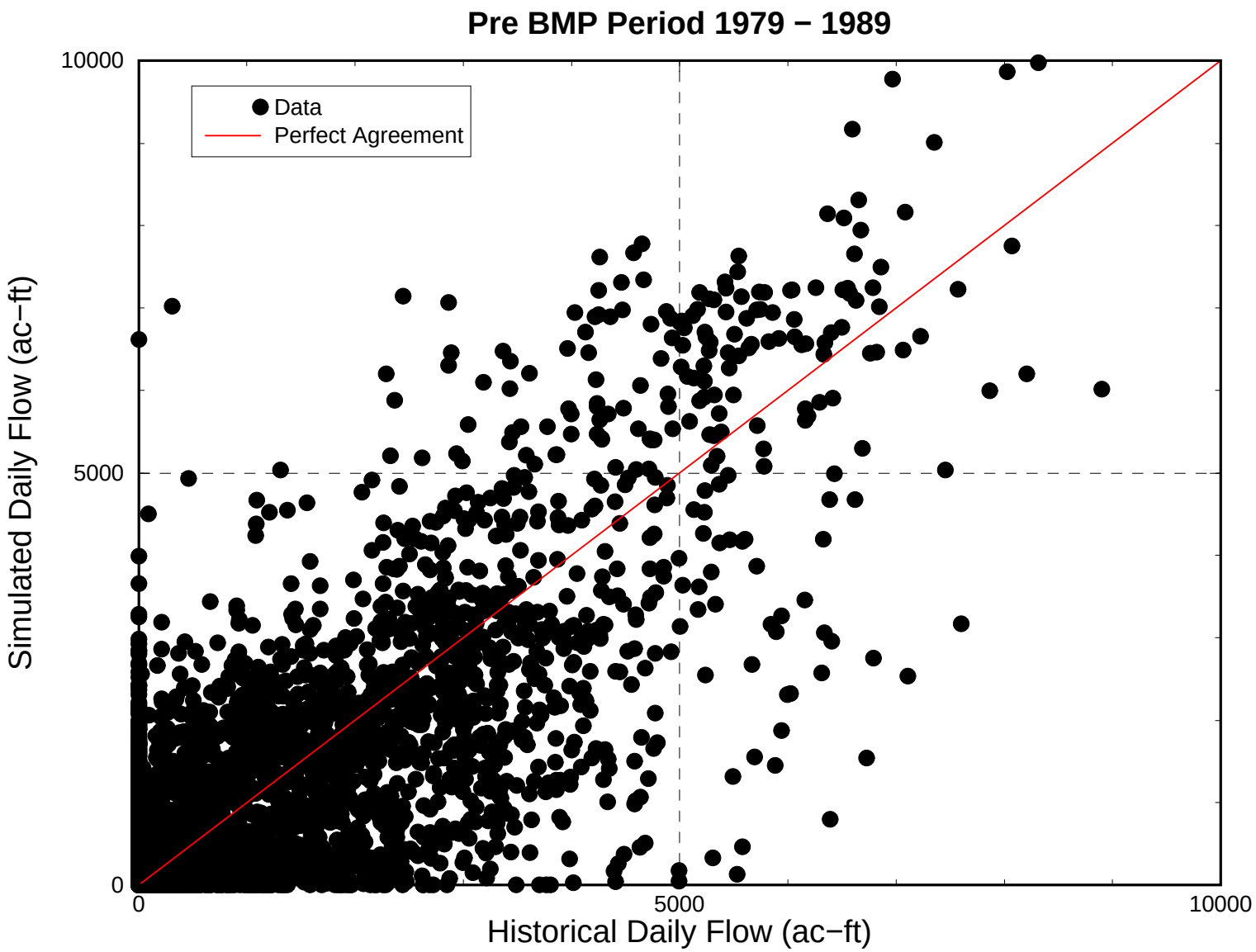


Bias (Hist−Sim): −88.9 ac−ft

Coefficient of Determination: 0.8493

RMSE: 3218.08 ac−ft

Figure E.7 Daily Historical and Simulated EAA Supply

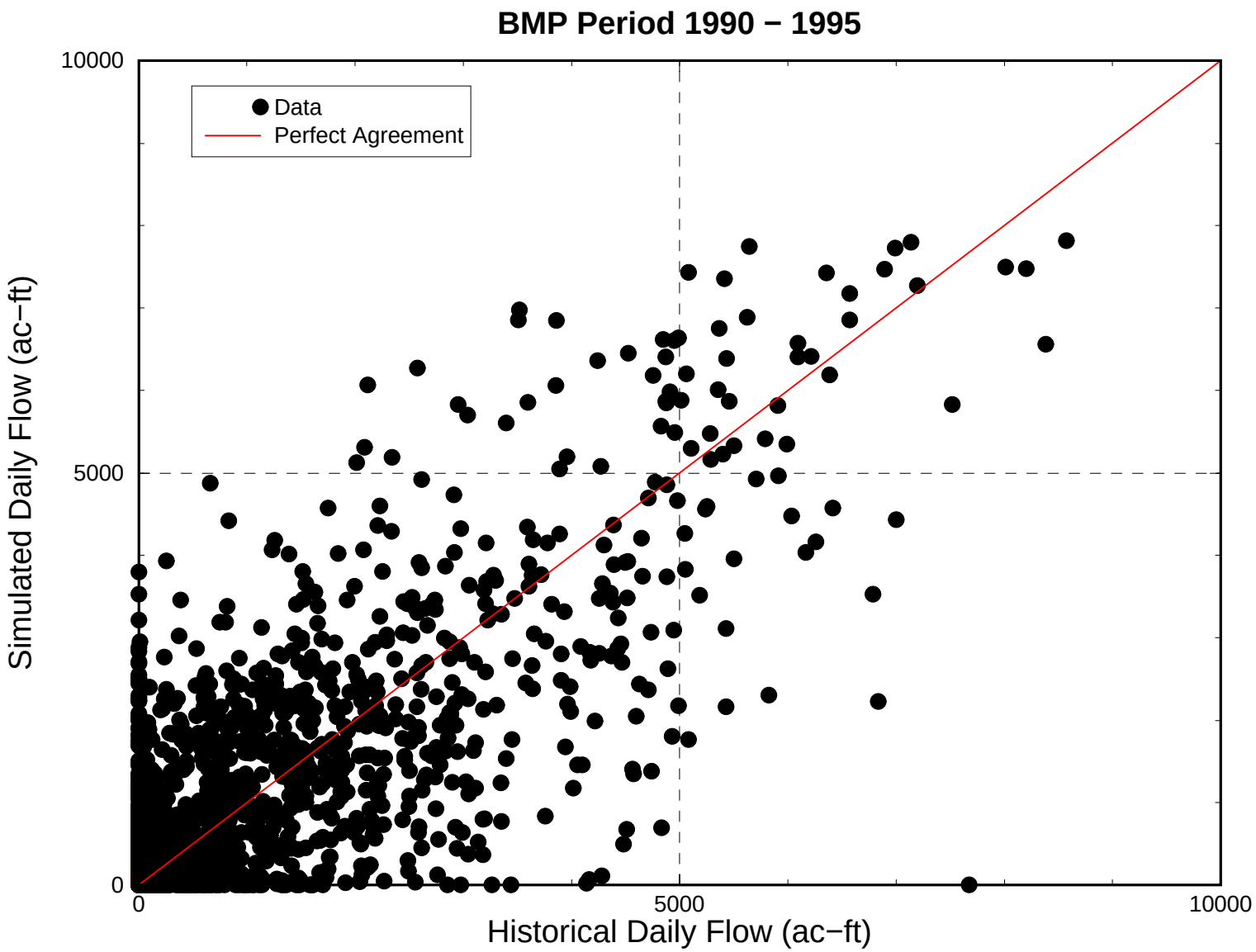


Bias (Hist−Sim): 2.1 ac−ft

Coefficient of Determination: 0.7917

RMSE: 1013.7 ac−ft

Figure E.8 Daily Historical and Simulated EAA Supply



Bias (Hist−Sim): −63.07 ac−ft

Coefficient of Determination: 0.7905

RMSE: 903.436 ac−ft

Figure E.9 Flow Duration − Daily EAA Runoff

Pre BMP Period 1979 − 1989

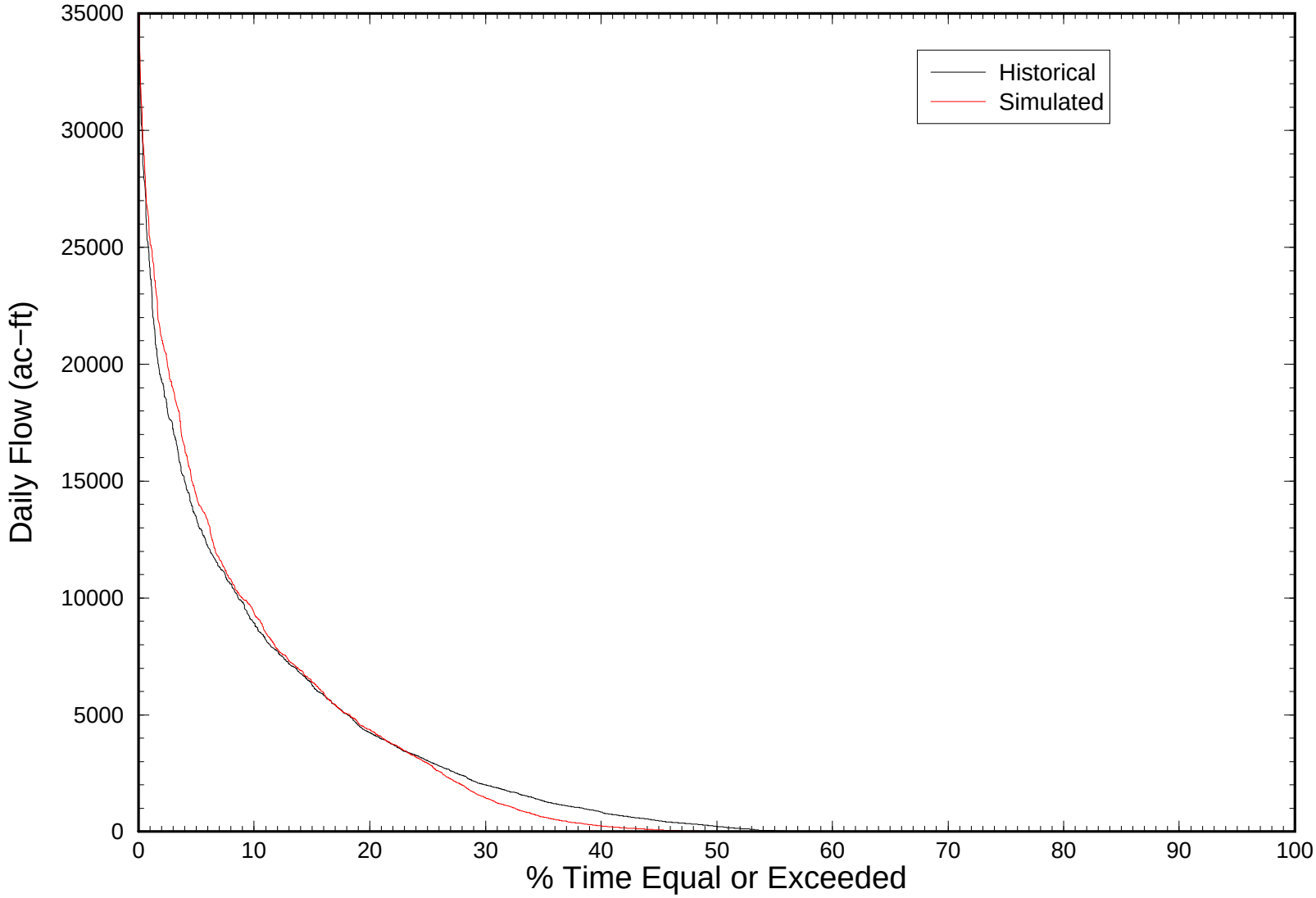


Figure E.10 Flow Duration − Daily EAA Runoff

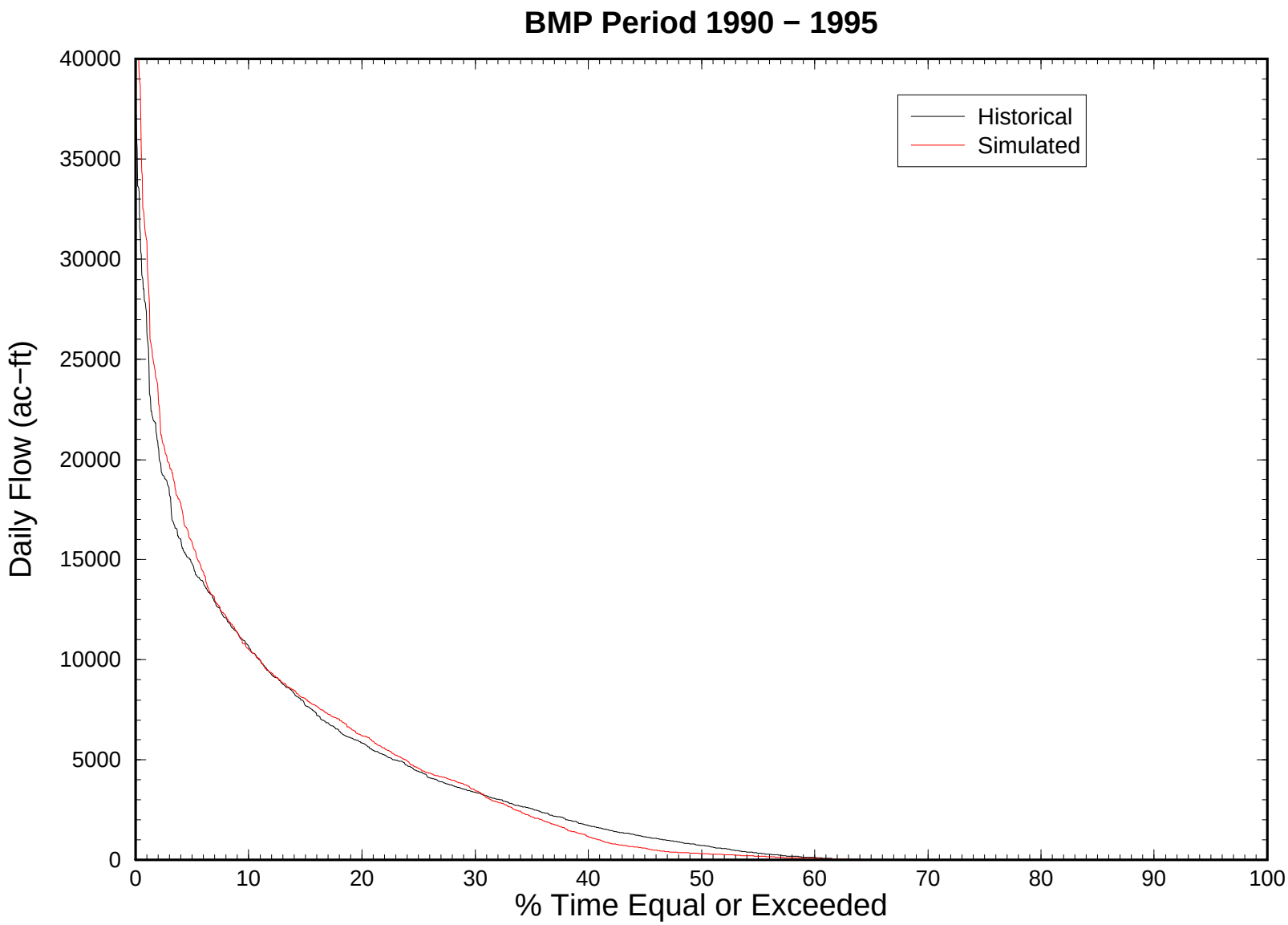


Figure E.11 Flow Duration − Daily EAA Supply

Pre BMP Period 1979 − 1989

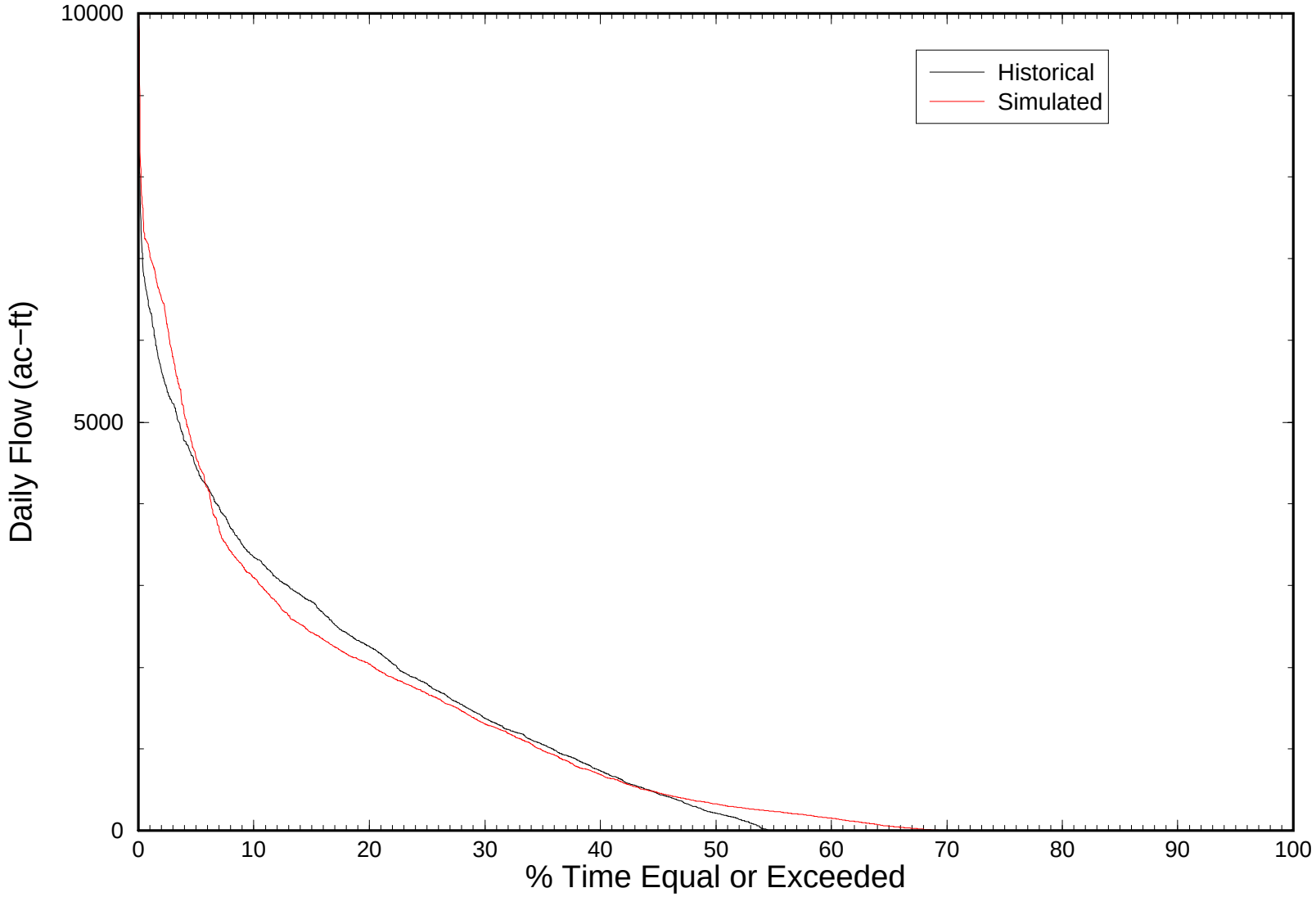


Figure E.12 Flow Duration − Daily EAA Supply

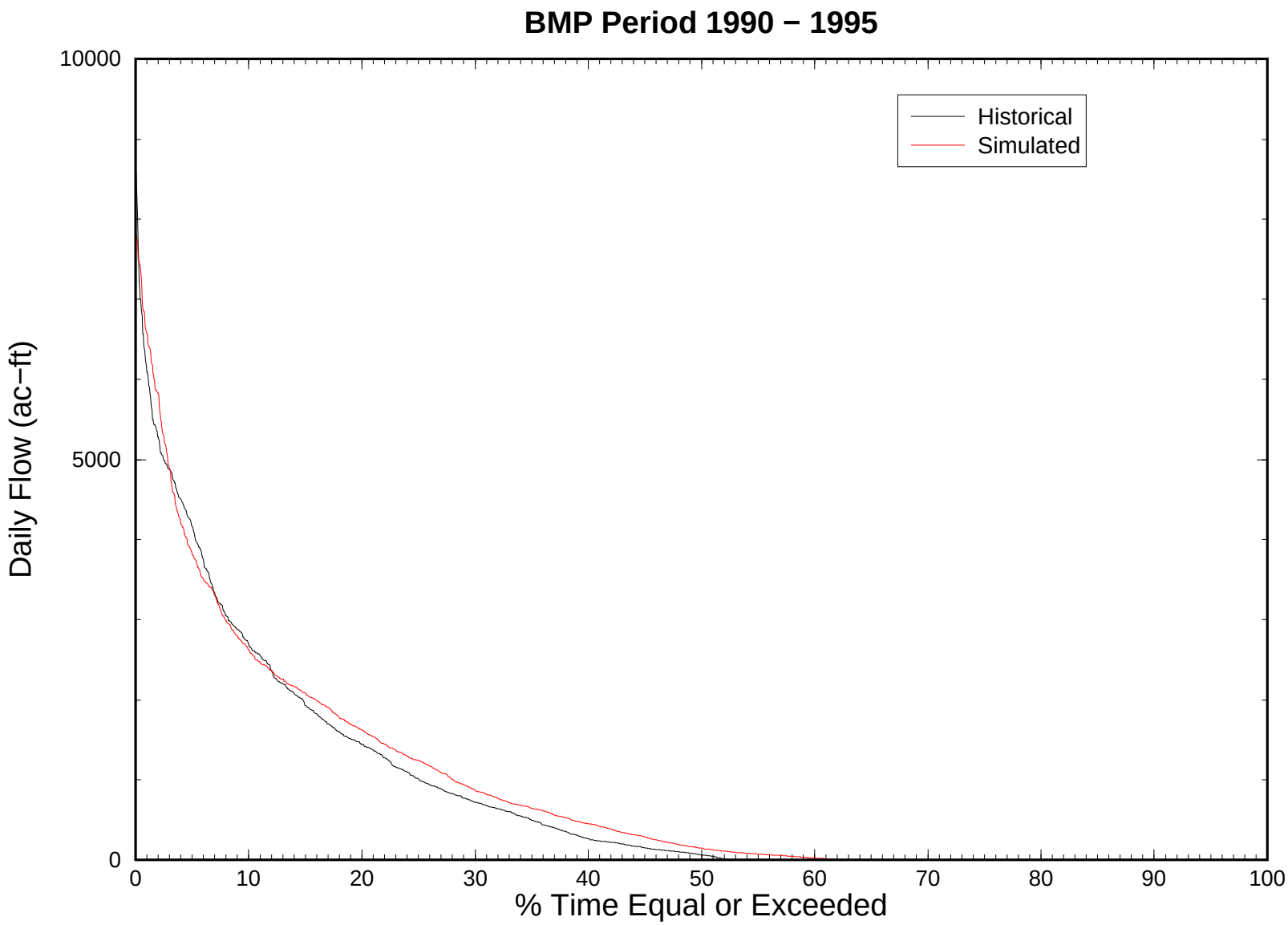
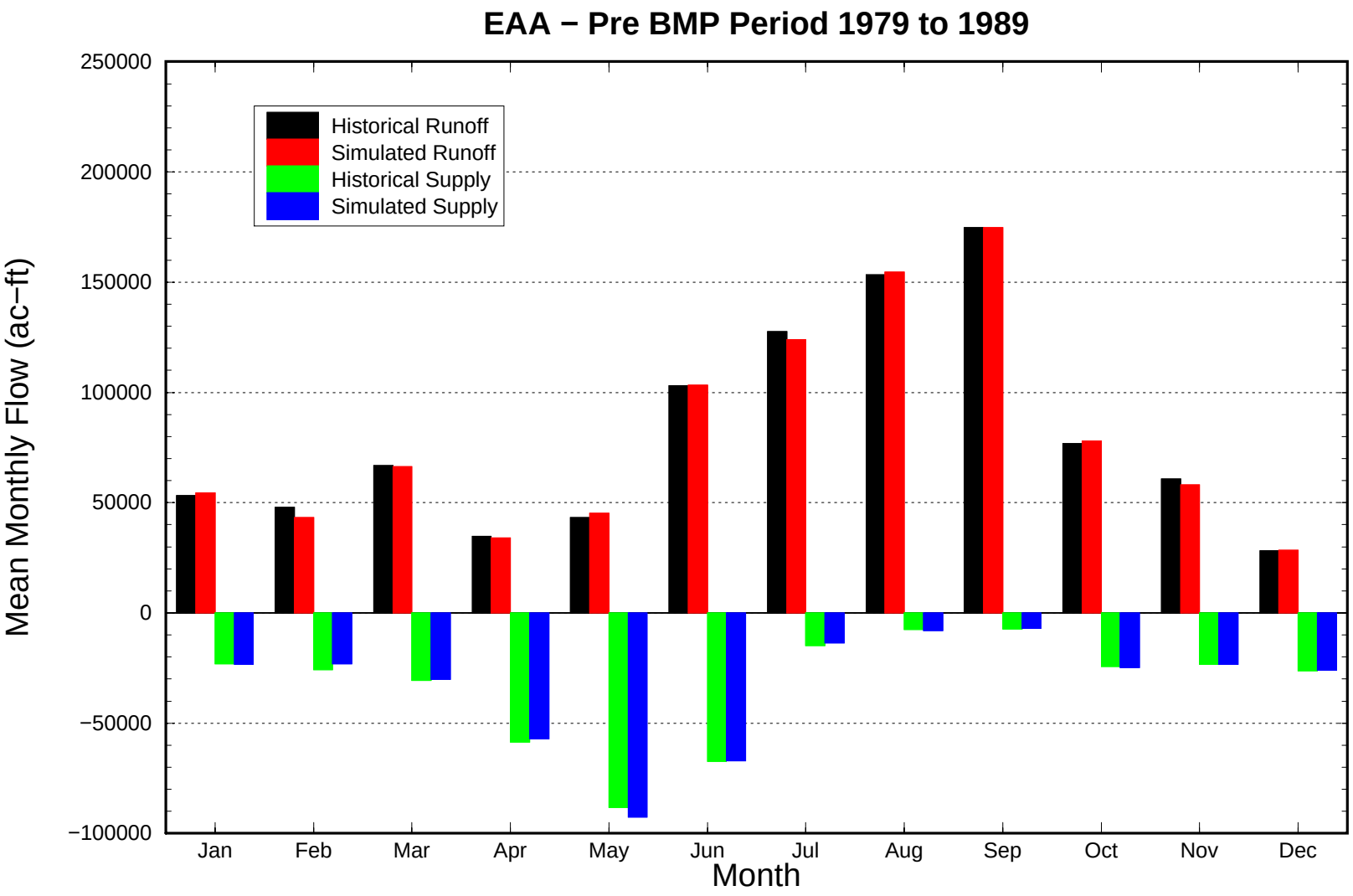


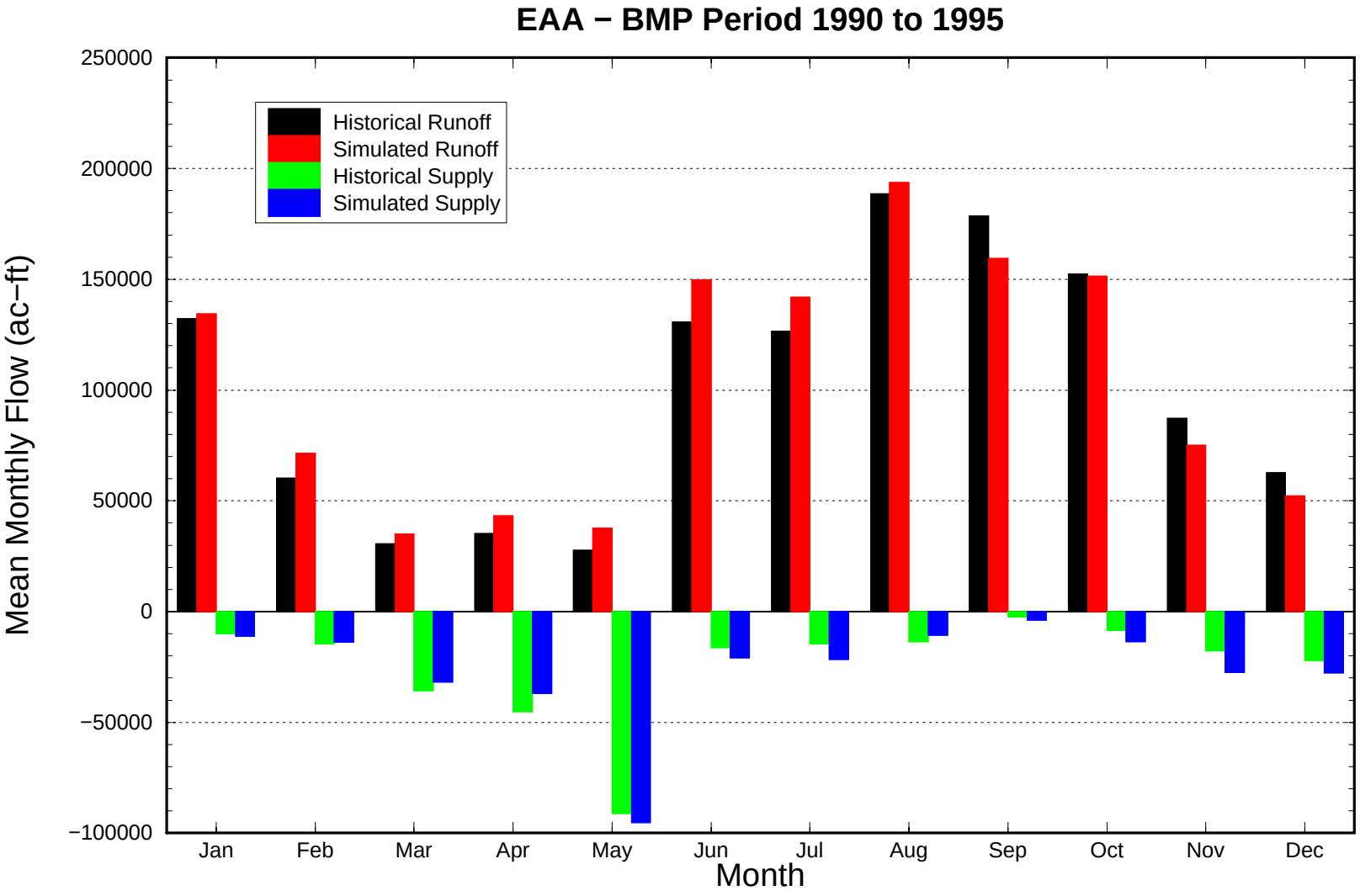
Figure E.13 Mean Monthly Runoff & Supply Comparison



Mean Annual Runoff: Historical=971 kaf; Simulated=965 kaf

Mean Annual Supply: Historical=397 kaf; Simulated=396 kaf

Figure E.14 Mean Monthly Runoff & Supply Comparison



Mean Annual Runoff: Historical=1214 kaf; Simulated=1246 kaf

Mean Annual Supply: Historical=292 kaf; Simulated=315 kaf

Figure E.15 Monthly Runoff and Supplemental Flows for the EAA

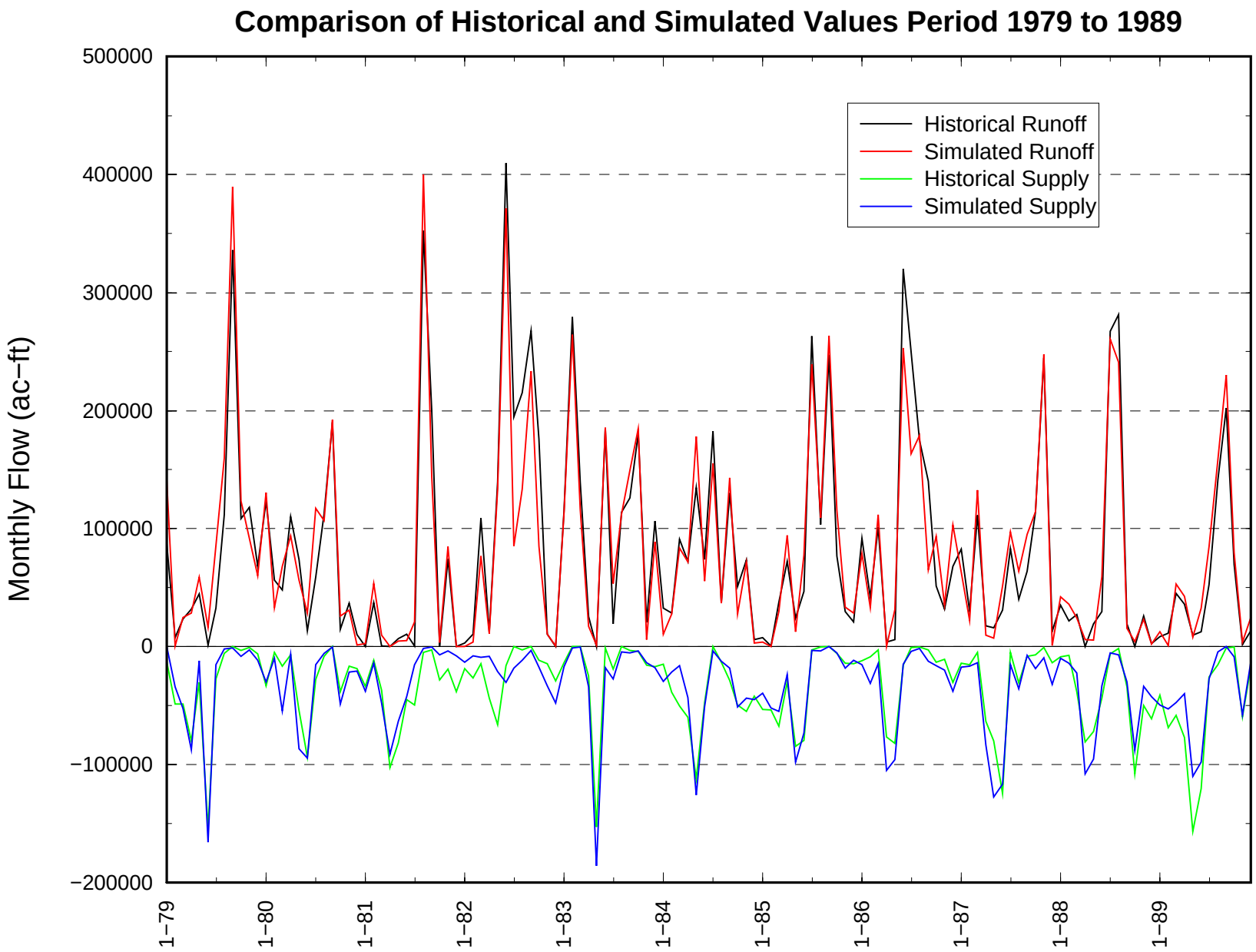


Figure E.16 Monthly Runoff and Supplemental Flows for the EAA

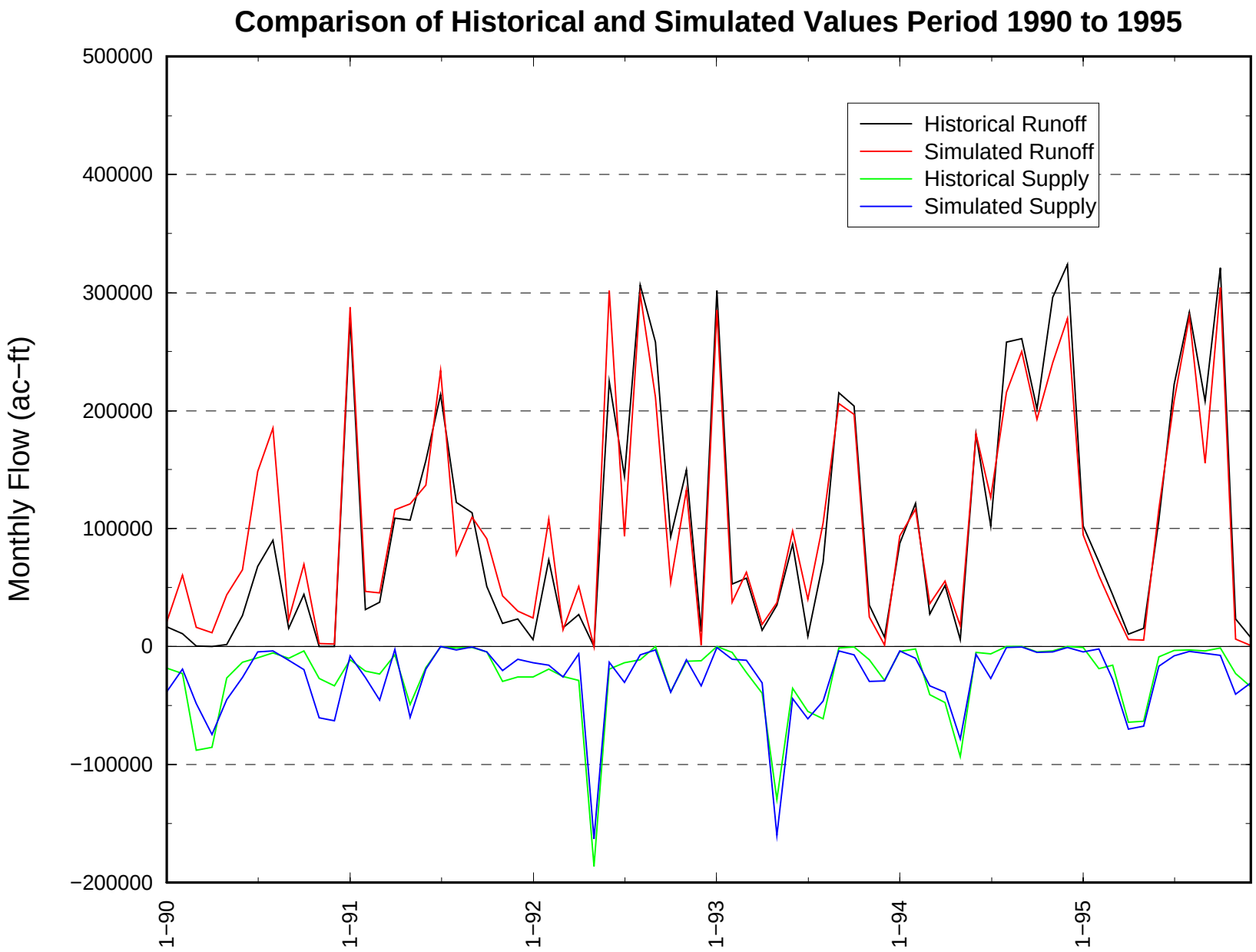
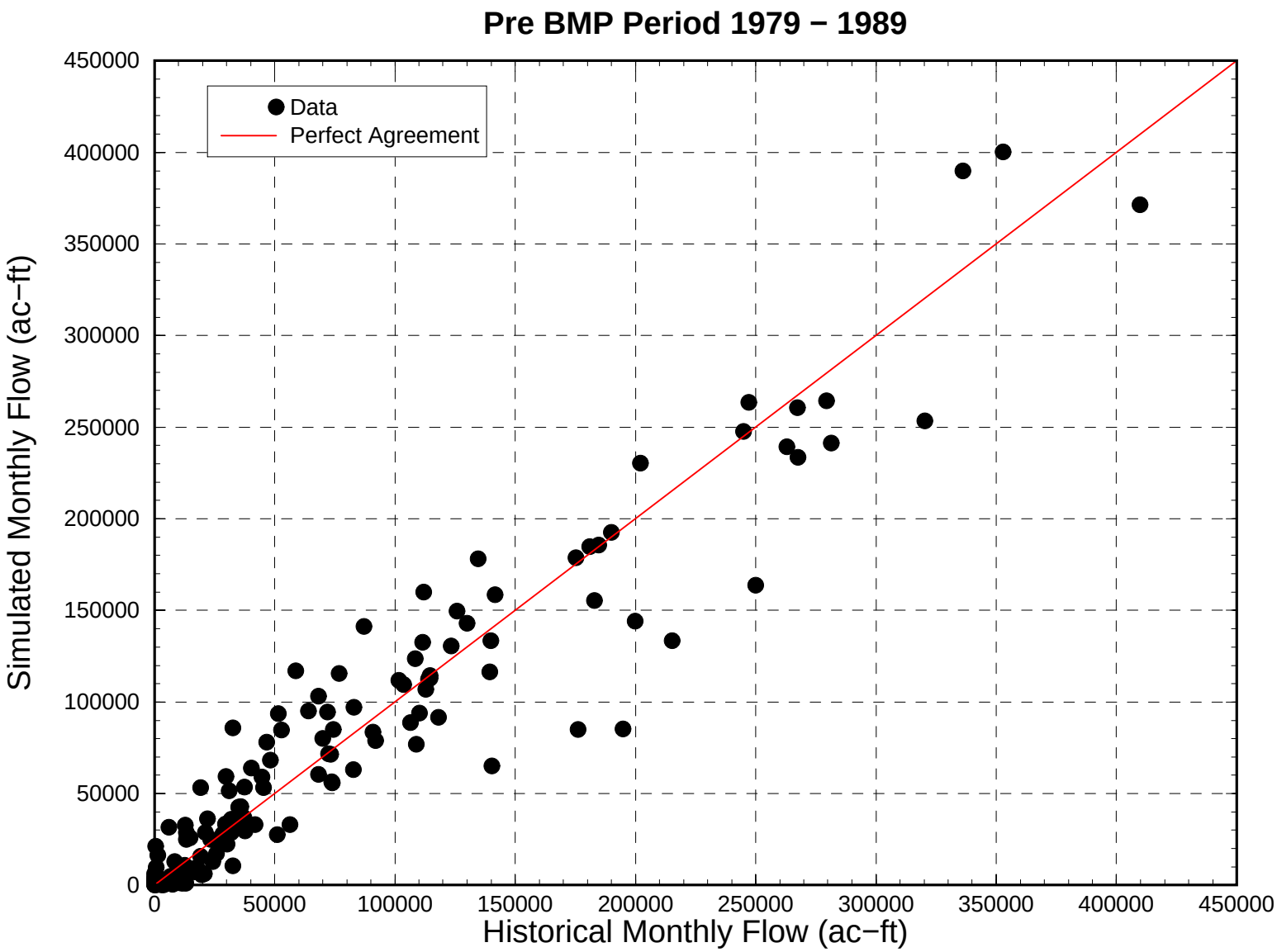


Figure E.17 Monthly Historical and Simulated EAA Runoff

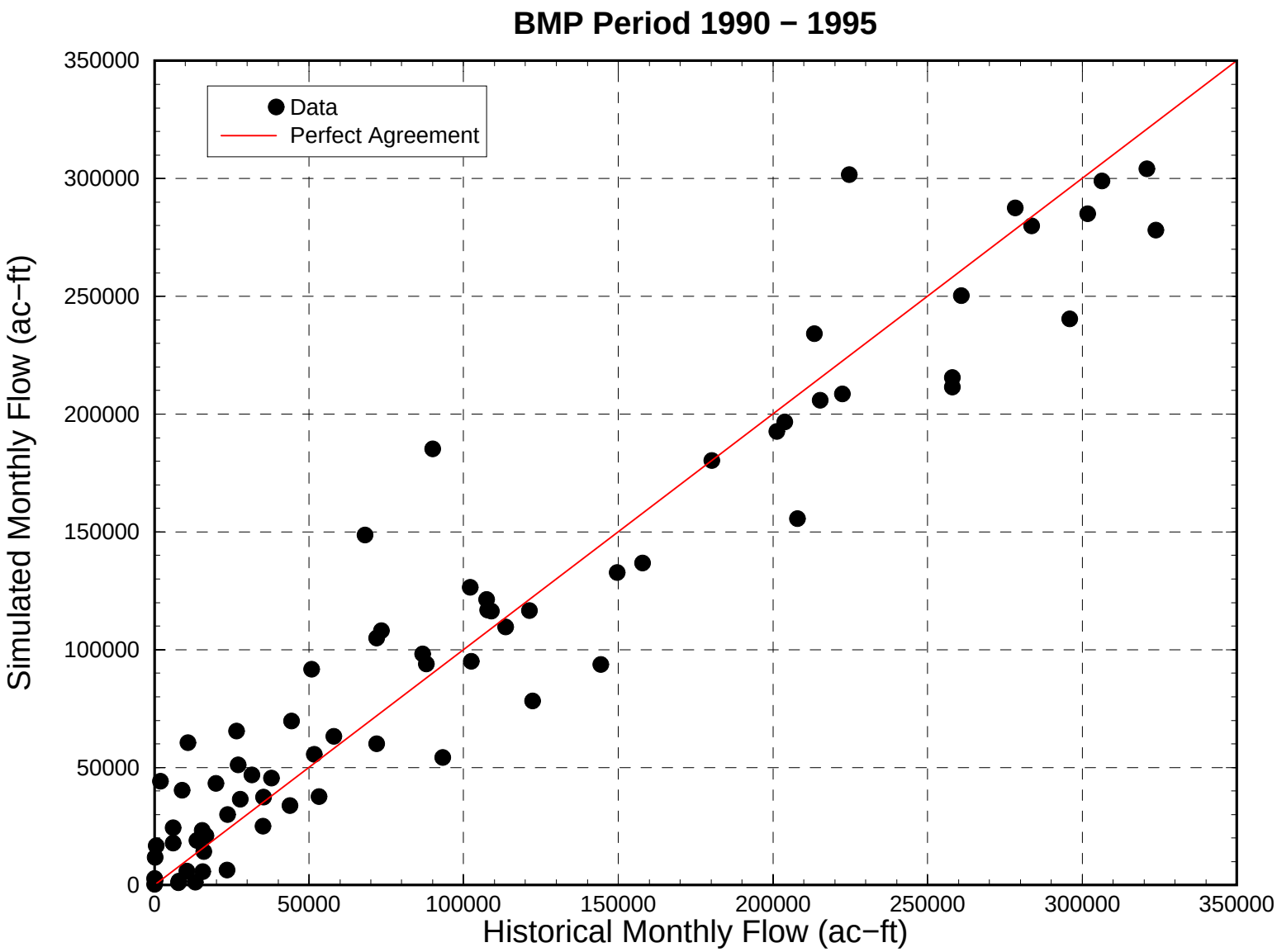


Bias (Hist−Sim): 467.5 ac−ft

Coefficient of Determination: 0.9506

RMSE: 27274.3 ac−ft

Figure E.18 Monthly Historical and Simulated EAA Runoff

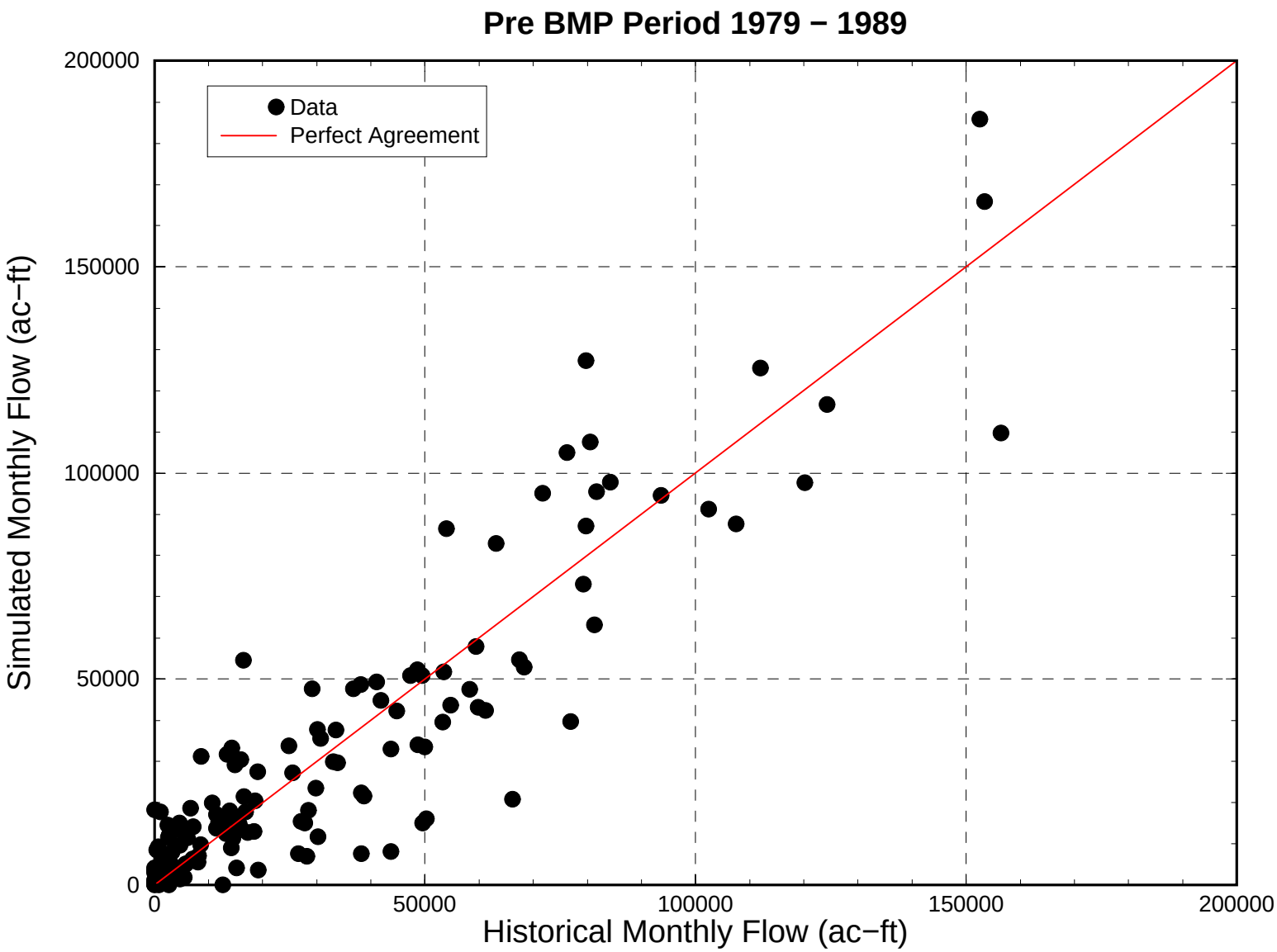


Bias (Hist−Sim): −2706 ac−ft

Coefficient of Determination: 0.9584

RMSE: 28590.3 ac−ft

Figure E.19 Monthly Historical and Simulated EAA Supply

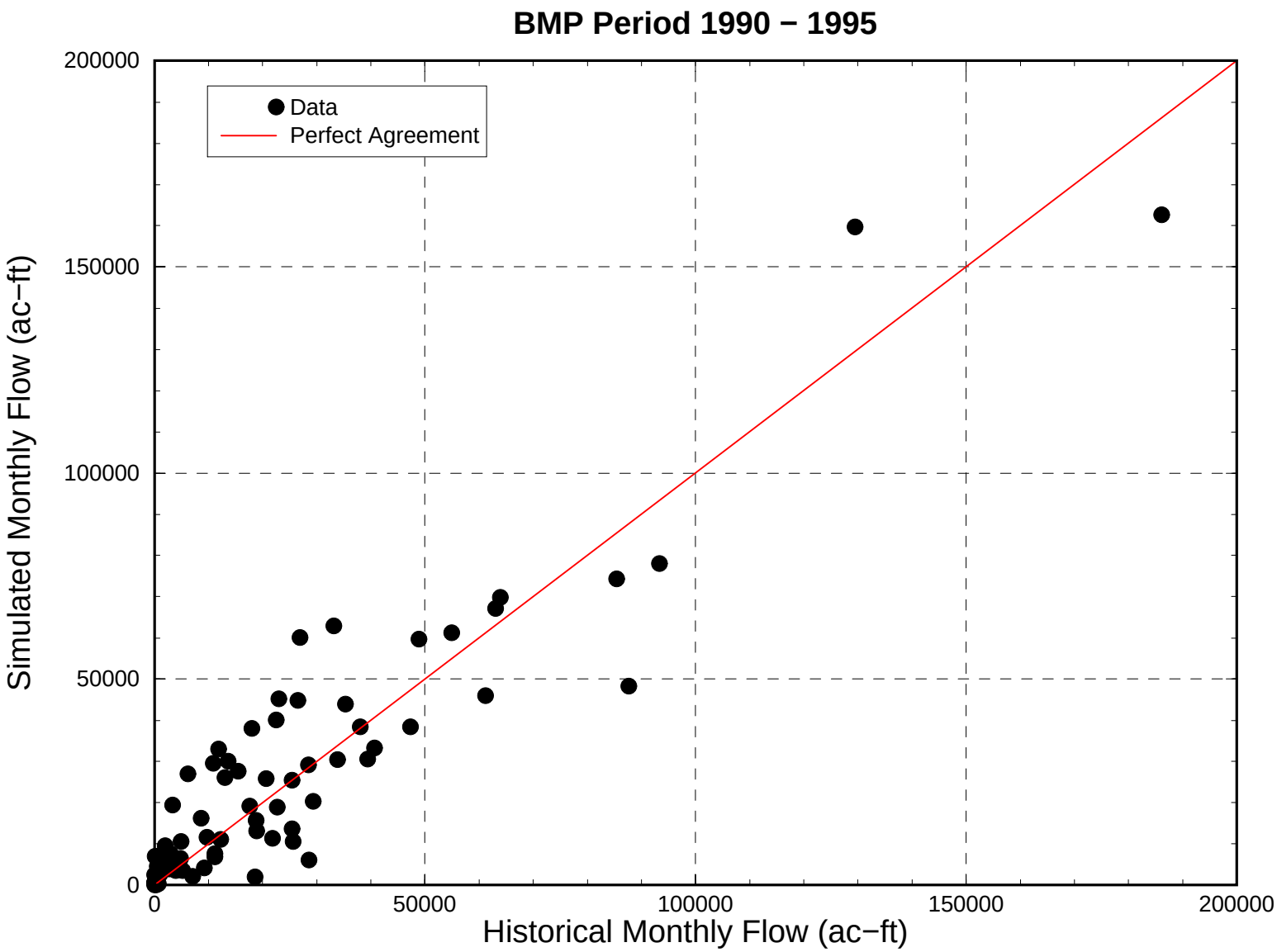


Bias (Hist−Sim): 63.6 ac−ft

Coefficient of Determination: 0.9082

RMSE: 15146.6 ac−ft

Figure E.20 Monthly Historical and Simulated EAA Supply



Bias (Hist−Sim): −1919.5 ac−ft

Coefficient of Determination: 0.9201

RMSE: 12735.9 ac−ft