

APPENDIX A

HYDROLOGY CALIBRATION / VALIDATION RESULTS FOR THE CALLEGUAS CREEK WATERSHED ABOVE ROYAL

Title	Page
CALIBRATION	
Figure 1 Simulated and Observed Daily Flow Duration Curve at Royal	A-2
Figure 2 Daily Scatter Plot of Simulated versus Observed Flow at Royal	A-2
Figure 3 Monthly Scatter Plot of Simulated versus Observed Flow at Royal	A-3
Figure 4 Simulated and Observed Daily Flow at Royal (WY 1994-2002).....	A-3
Figure 5 Simulated and Observed Monthly Flow at Royal (WY 1994-2002)	A-4
Figure 6 Simulated and Observed Daily Flow at Royal (WY 1994)	A-4
Figure 7 Simulated and Observed Daily Flow at Royal (WY 1995)	A-5
Figure 8 Simulated and Observed Daily Flow at Royal (WY 1996)	A-5
Figure 9 Simulated and Observed Daily Flow at Royal (WY 1997)	A-6
Figure 10 Simulated and Observed Daily Flow at Royal (WY 1998)	A-6
Figure 11 Simulated and Observed Daily Flow at Royal (WY 1999)	A-7
Figure 12 Simulated and Observed Daily Flow at Royal (WY 2000)	A-7
Figure 13 Simulated and Observed Daily Flow at Royal (WY 2001)	A-8
Figure 14 Simulated and Observed Daily Flow at Royal (WY 2002)	A-8
Figure 15 Simulated and Observed January 10-11, 1995 Storm Event	A-9
Figure 16 Simulated and Observed March 10-13, 1995 Storm Event	A-9
Figure 17 Simulated and Observed December 5-7, 1997 Storm Event	A-10
Figure 18 Simulated and Observed February 6-10, 1998 Storm Event.....	A-10
Figure 19 Simulated and Observed February 22-26, 1998 Storm Event.....	A-11
Figure 20 Simulated and Observed March 4-7, 2001 Storm Event.....	A-11
VALIDATION	
Figure 21 Simulated and Observed Daily Flow Duration Curve at Royal	A-12
Figure 22 Daily Scatter Plot of Simulated versus Observed Flow at Royal	A-12
Figure 23 Monthly Scatter Plot of Simulated versus Observed Flow at Royal	A-13
Figure 24 Simulated and Observed Daily Flow at Royal (WY 1988-1993).....	A-13
Figure 25 Simulated and Observed Monthly Flow at Royal (WY 1988-1993)	A-14
Figure 26 Simulated and Observed Daily Flow at Royal (WY 1988)	A-14
Figure 27 Simulated and Observed Daily Flow at Royal (WY 1989)	A-15
Figure 28 Simulated and Observed Daily Flow at Royal (WY 1990)	A-15
Figure 29 Simulated and Observed Daily Flow at Royal (WY 1991)	A-16
Figure 30 Simulated and Observed Daily Flow at Royal (WY 1992)	A-16
Figure 31 Simulated and Observed Daily Flow at Royal (WY 1993)	A-17
Figure 32 Simulated and Observed February 27 - March 2, 1991 Storm Event.....	A-17
Figure 33 Simulated and Observed February 9-16, 1992 Storm Event.....	A-18
Figure 34 Simulated and Observed January 12-20, 1993 Storm Event	A-18
Figure 35 Simulated and Observed February 18-21, 1993 Storm Event.....	A-19

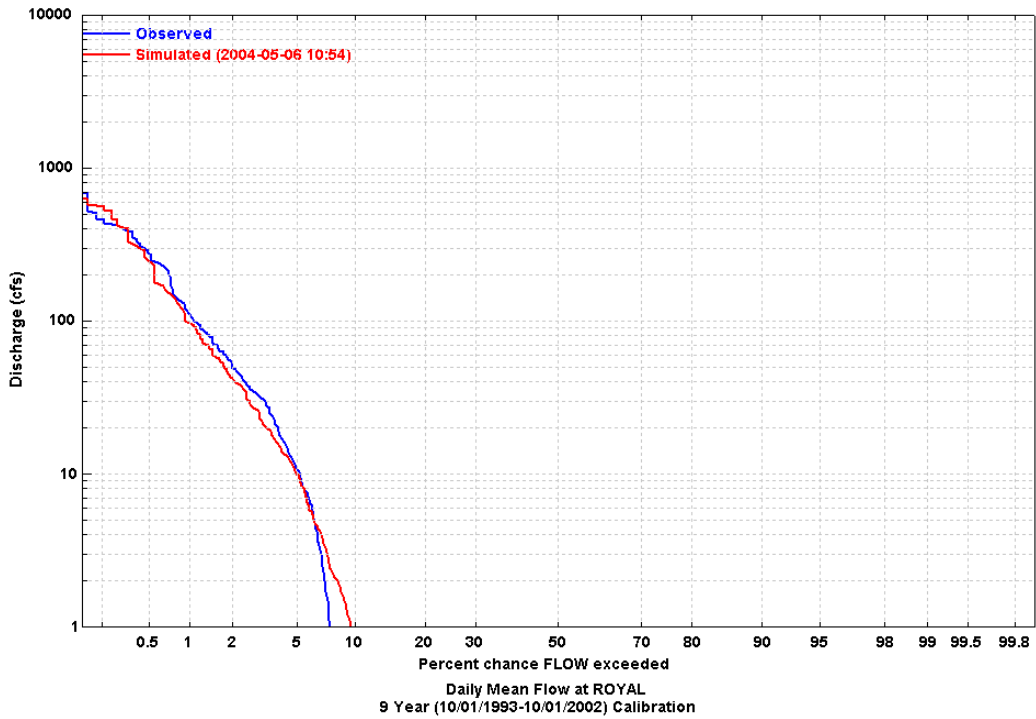


Figure 1 Simulated and Observed Daily Flow Duration Curve at Royal

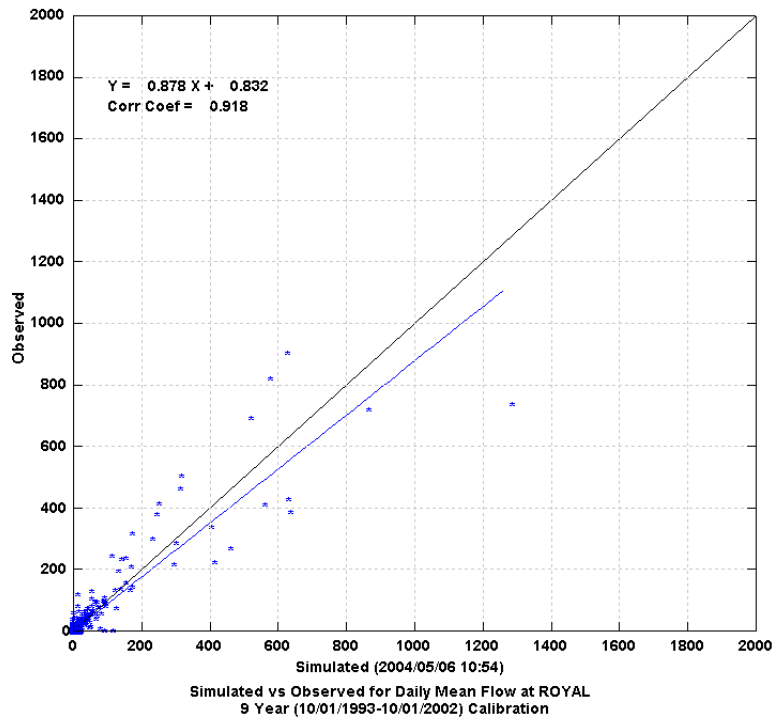


Figure 2 Daily Scatter Plot of Simulated versus Observed Flow at Royal

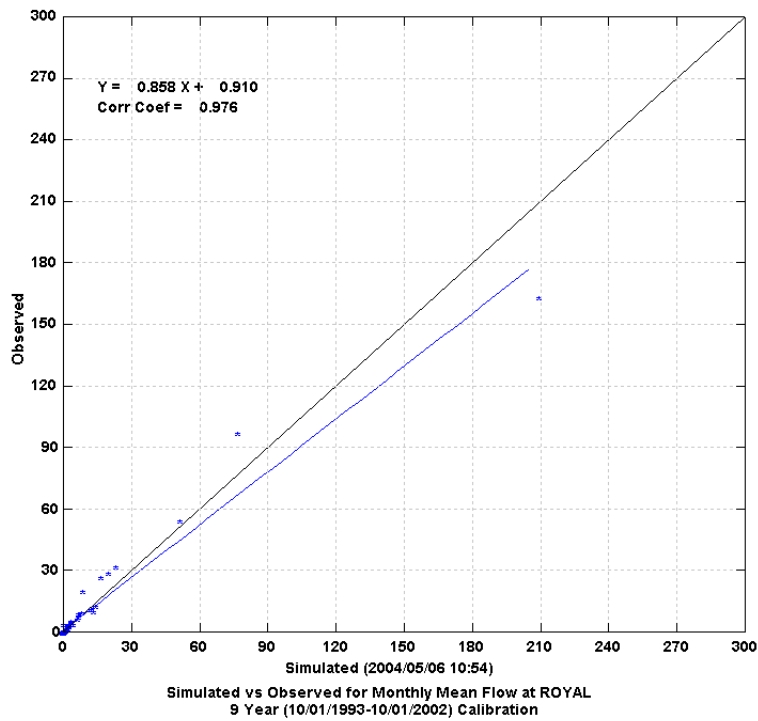


Figure 3 Monthly Scatter Plot of Simulated versus Observed Flow at Royal

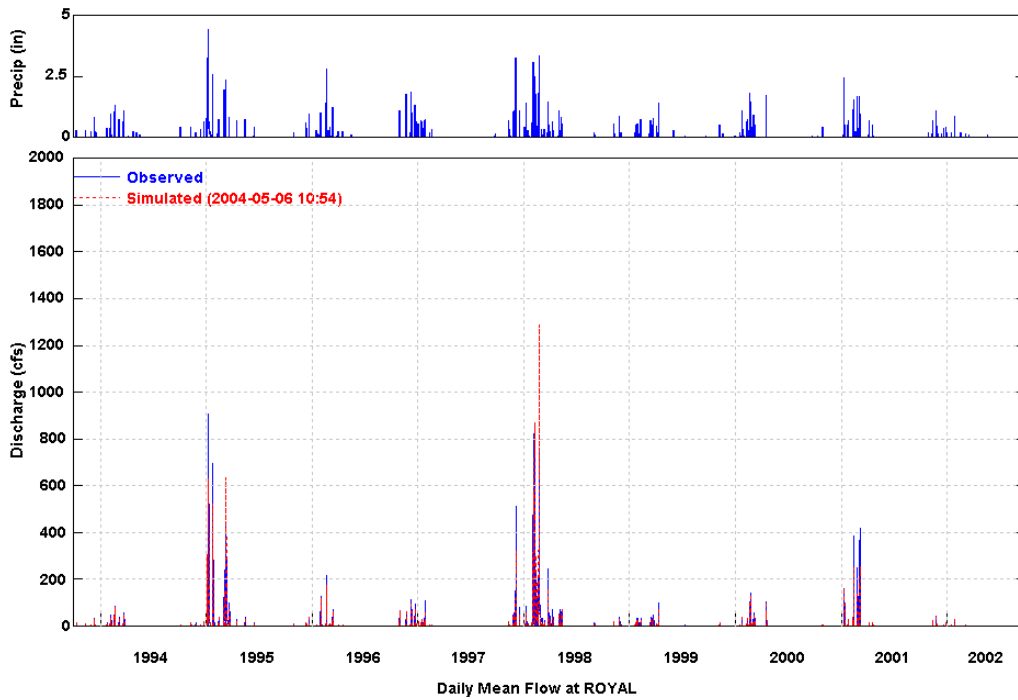


Figure 4 Simulated and Observed Daily Flow at Royal (WY 1994-2002)

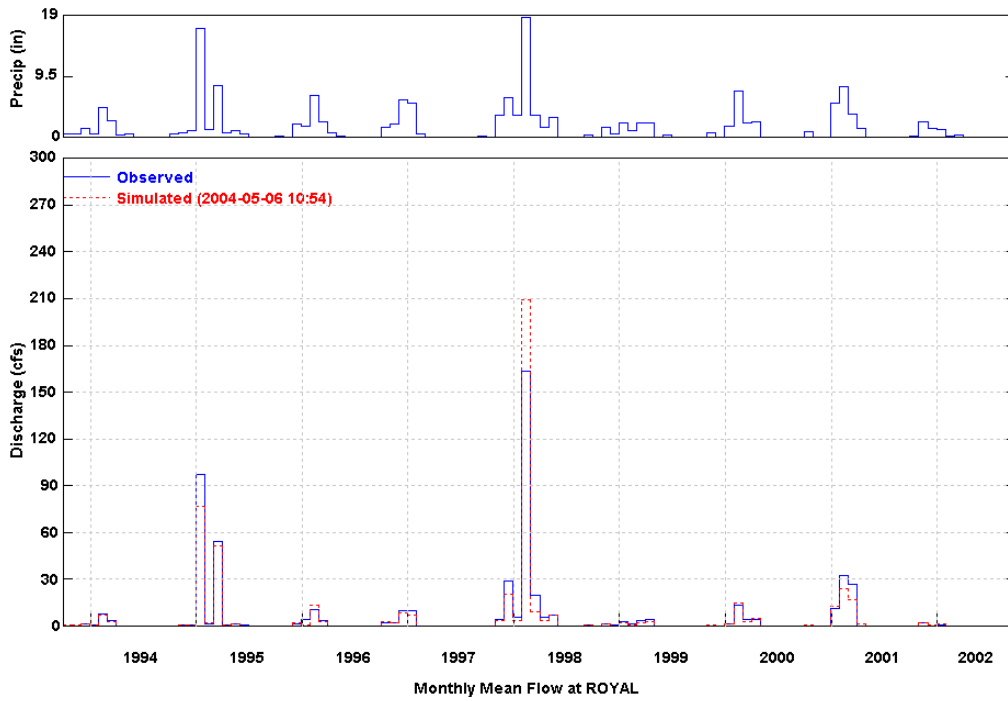


Figure 5 Simulated and Observed Monthly Flow at Royal (WY 1994-2002)

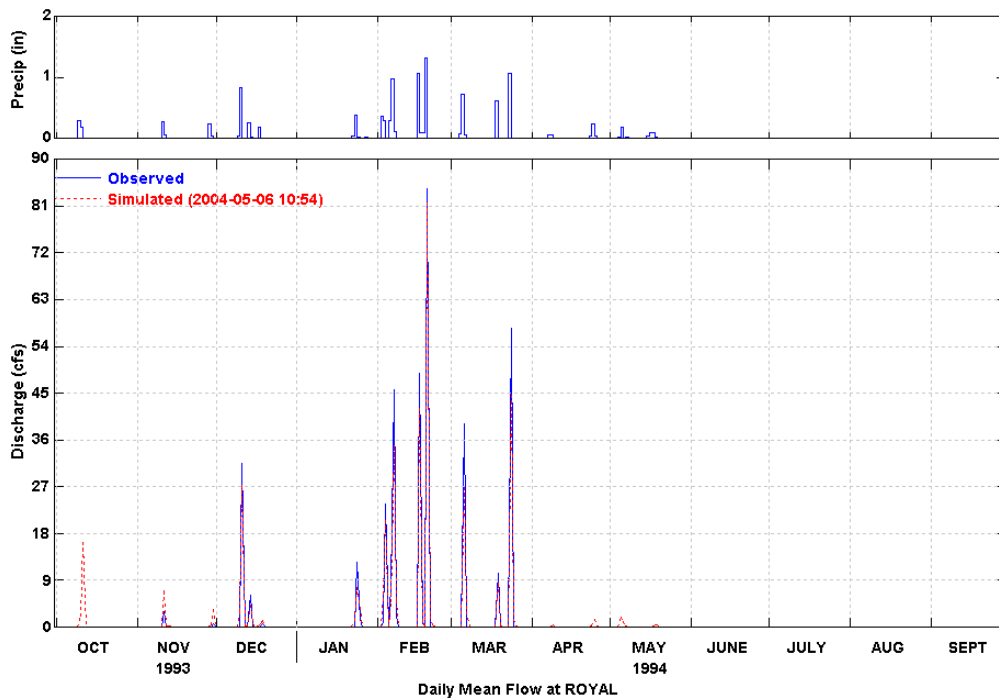


Figure 6 Simulated and Observed Daily Flow at Royal (WY 1994)

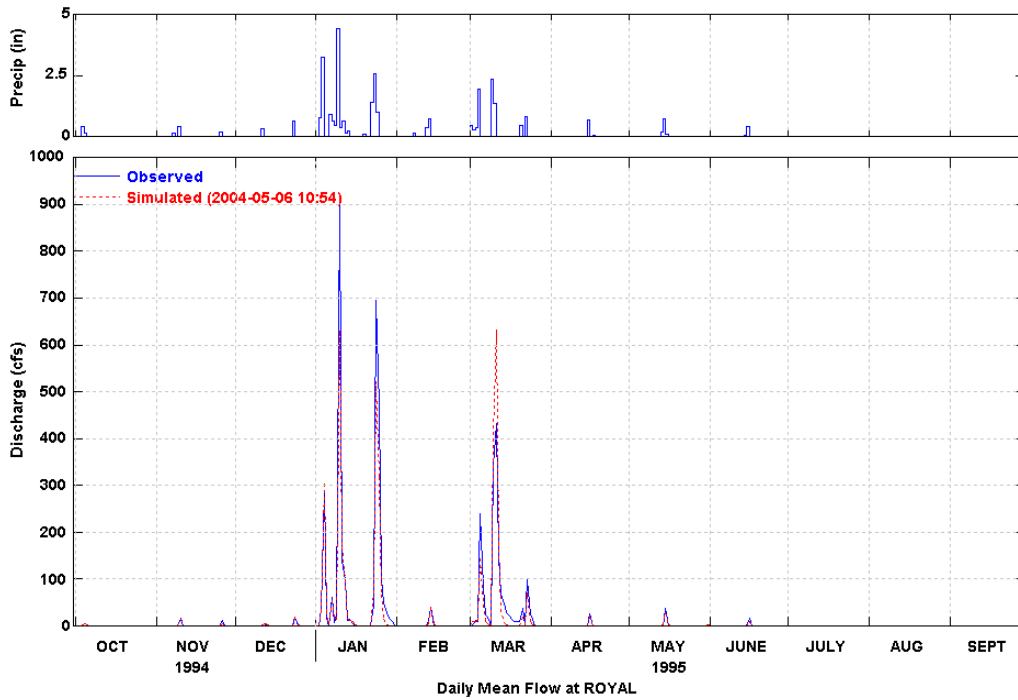


Figure 7 Simulated and Observed Daily Flow at Royal (WY 1995)

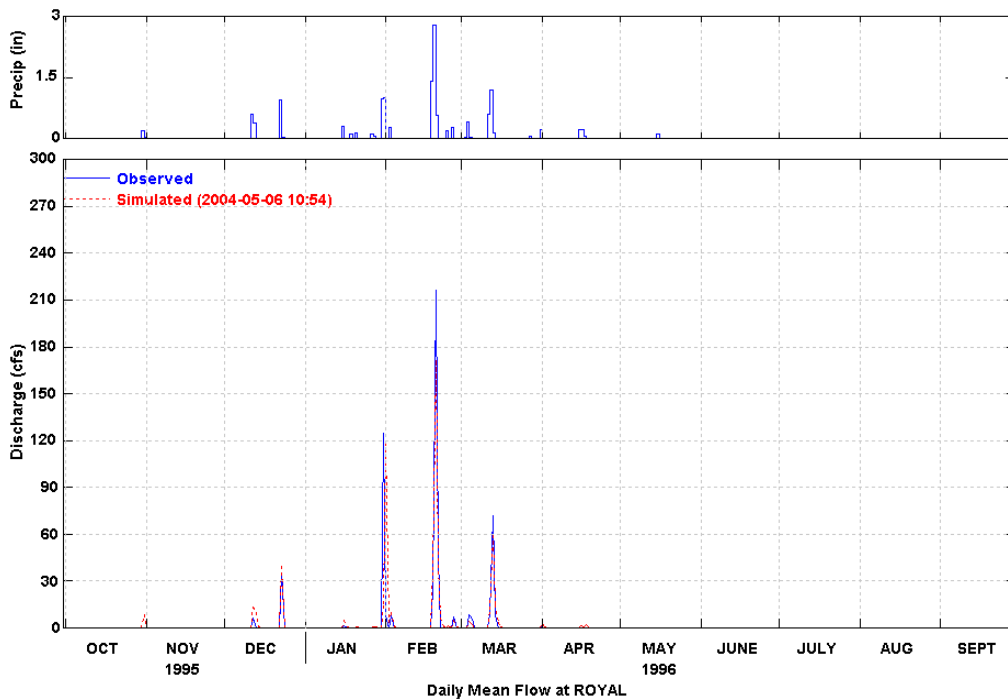


Figure 8 Simulated and Observed Daily Flow at Royal (WY 1996)

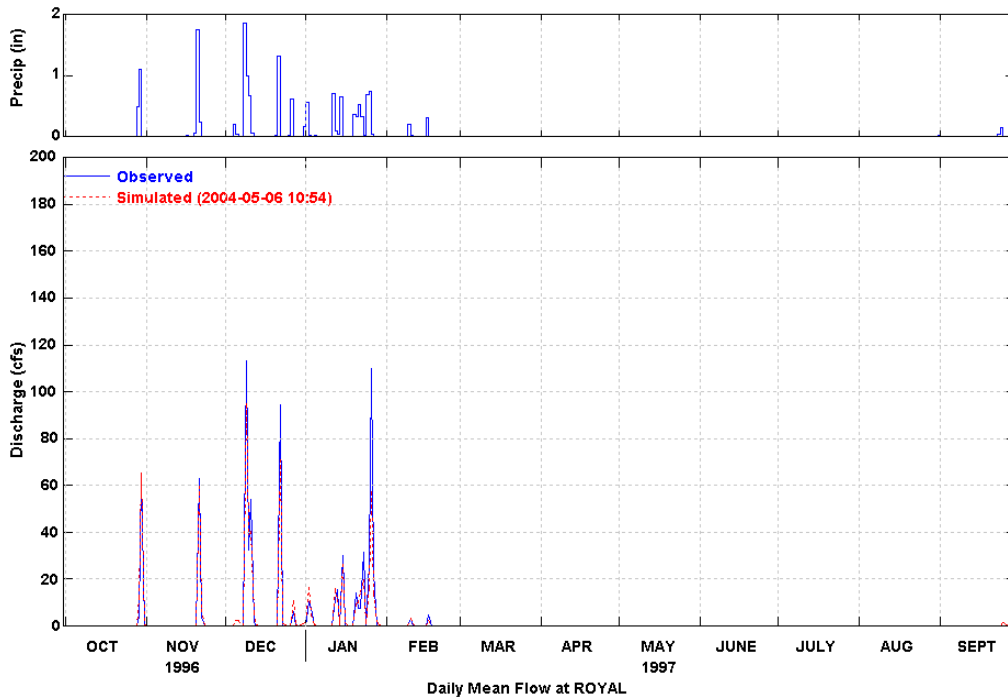


Figure 9 Simulated and Observed Daily Flow at Royal (WY 1997)

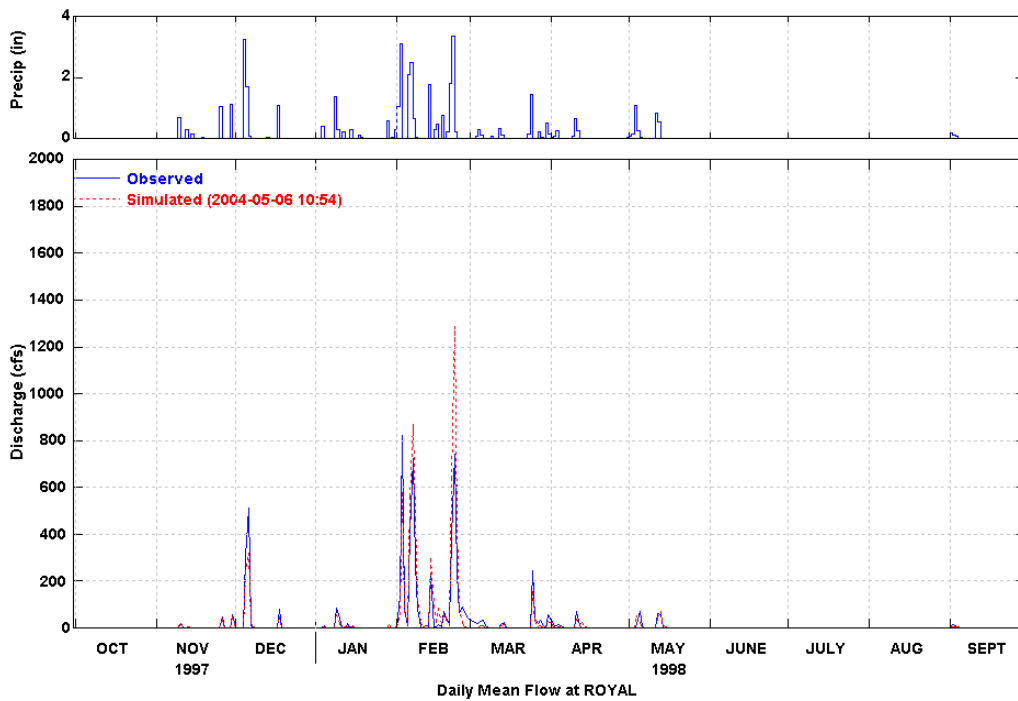


Figure 10 Simulated and Observed Daily Flow at Royal (WY 1998)

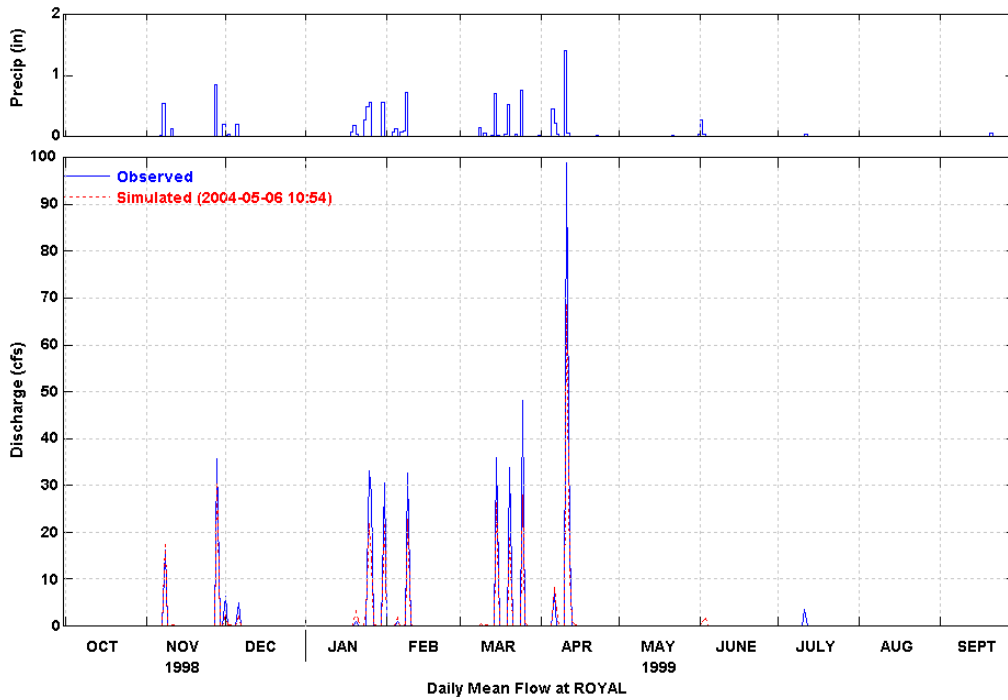


Figure 11 Simulated and Observed Daily Flow at Royal (WY 1999)

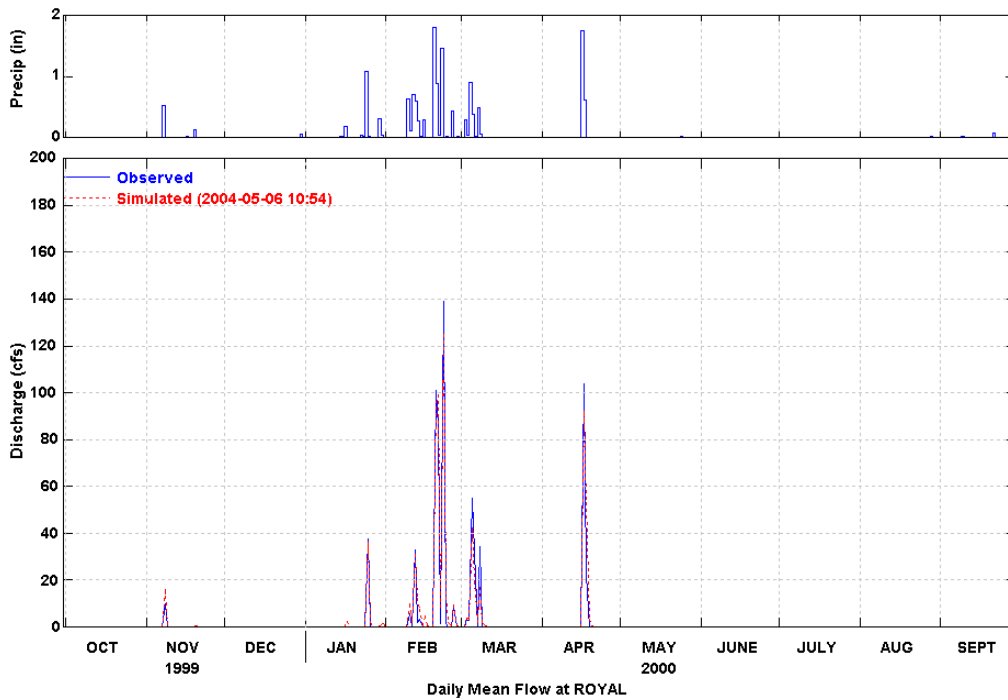


Figure 12 Simulated and Observed Daily Flow at Royal (WY 2000)

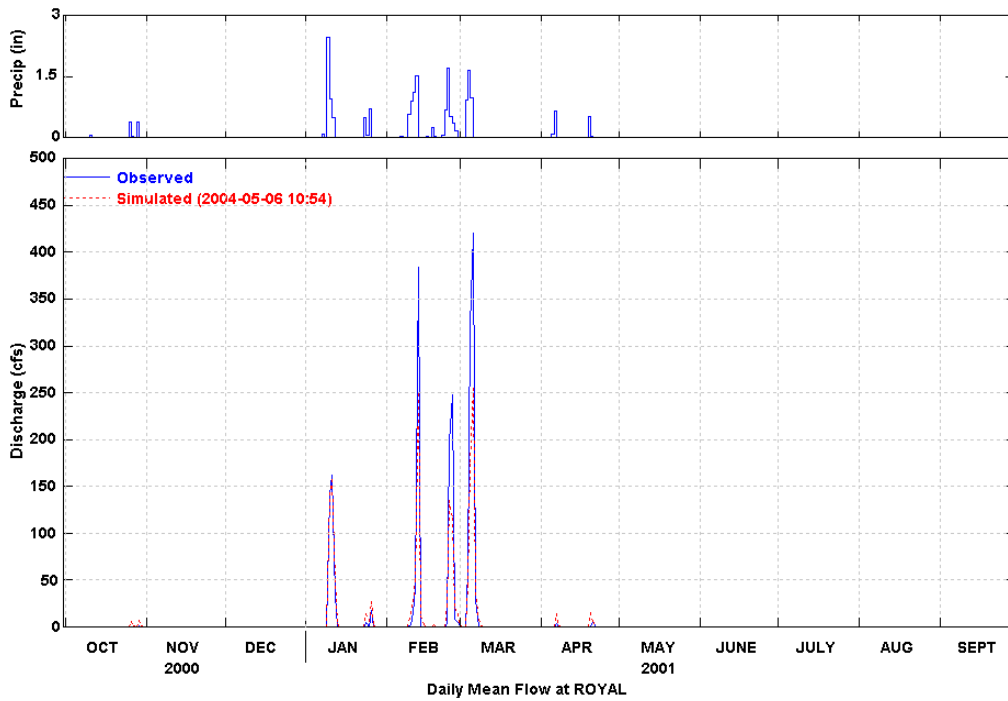


Figure 13 Simulated and Observed Daily Flow at Royal (WY 2001)

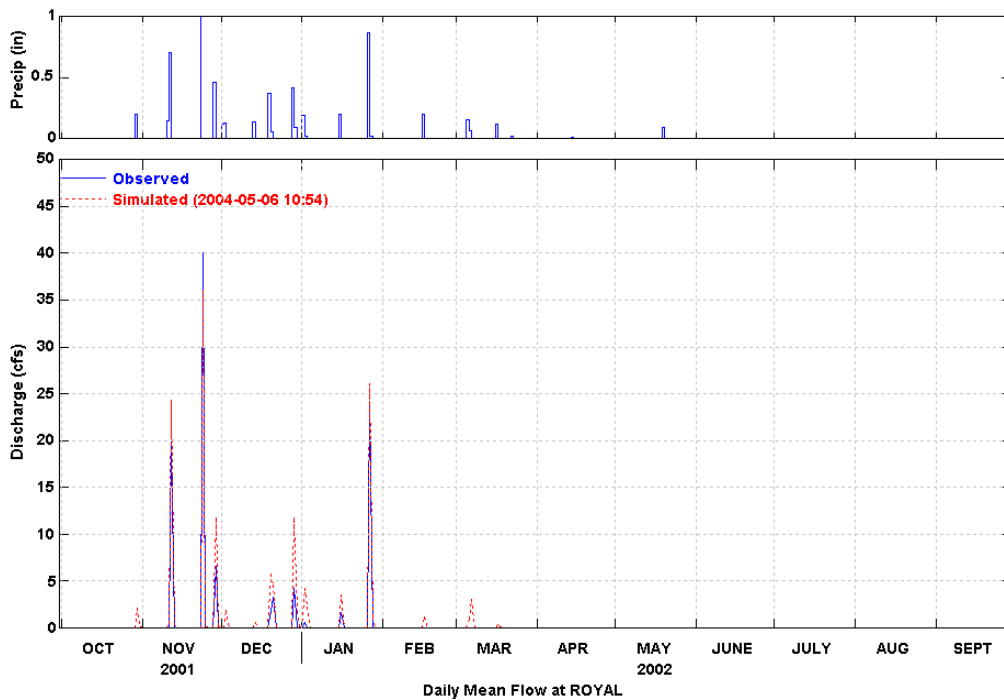


Figure 14 Simulated and Observed Daily Flow at Royal (WY 2002)

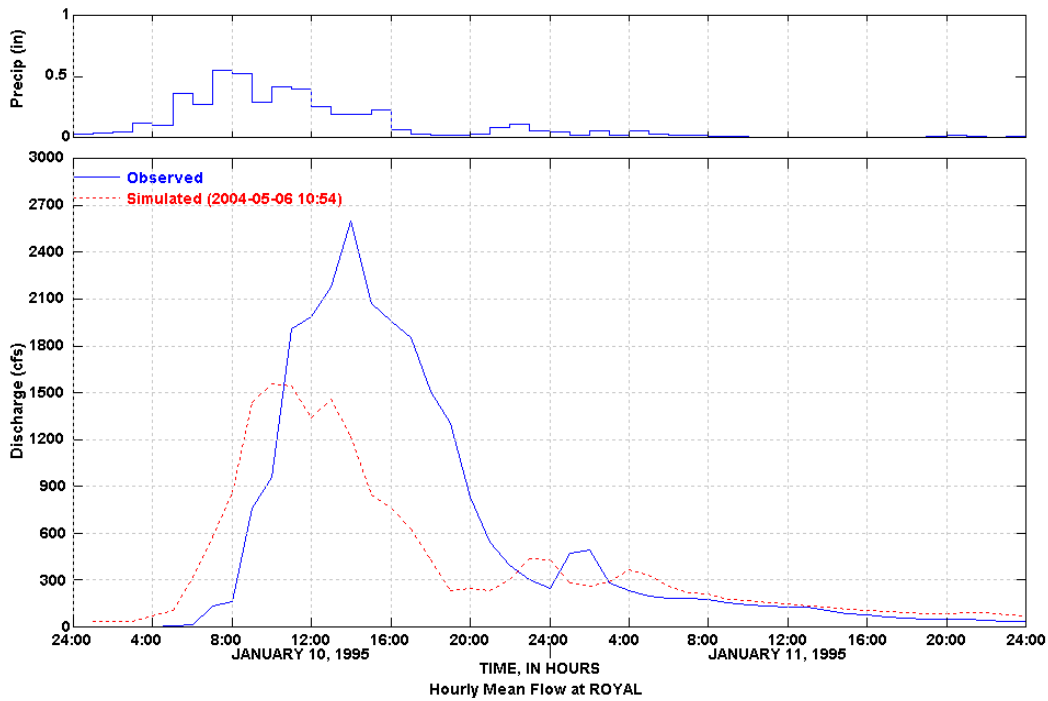


Figure 15 Simulated and Observed January 10-11, 1995 Storm Event

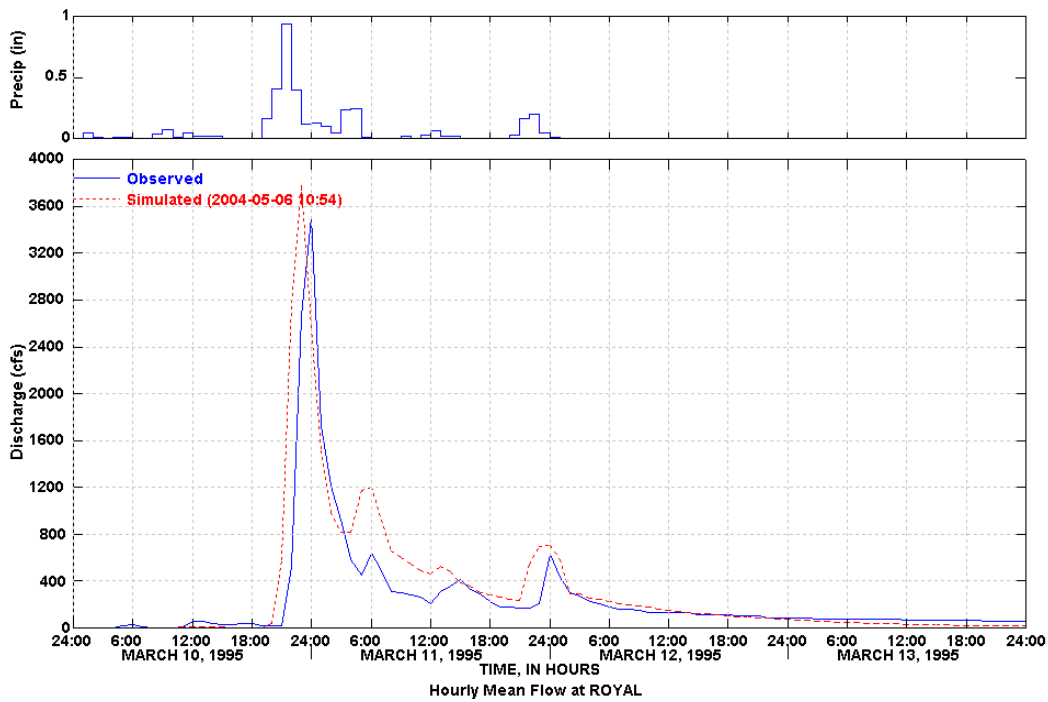


Figure 16 Simulated and Observed March 10-13, 1995 Storm Event

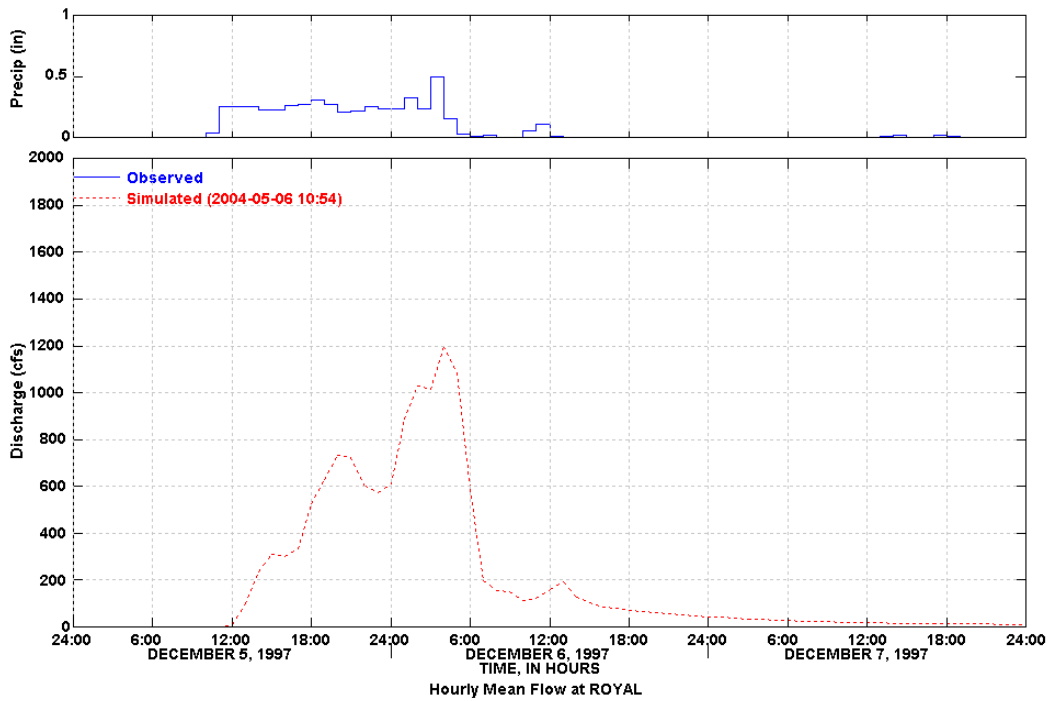


Figure 17 Simulated and Observed December 5-7, 1997 Storm Event

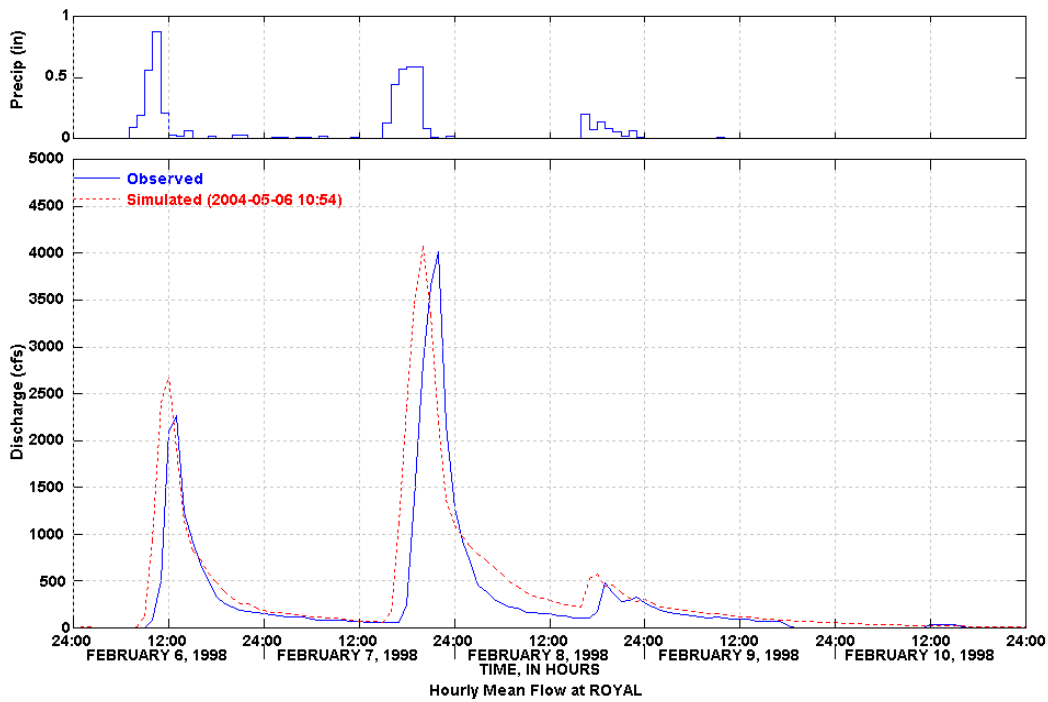


Figure 18 Simulated and Observed February 6-10, 1998 Storm Event

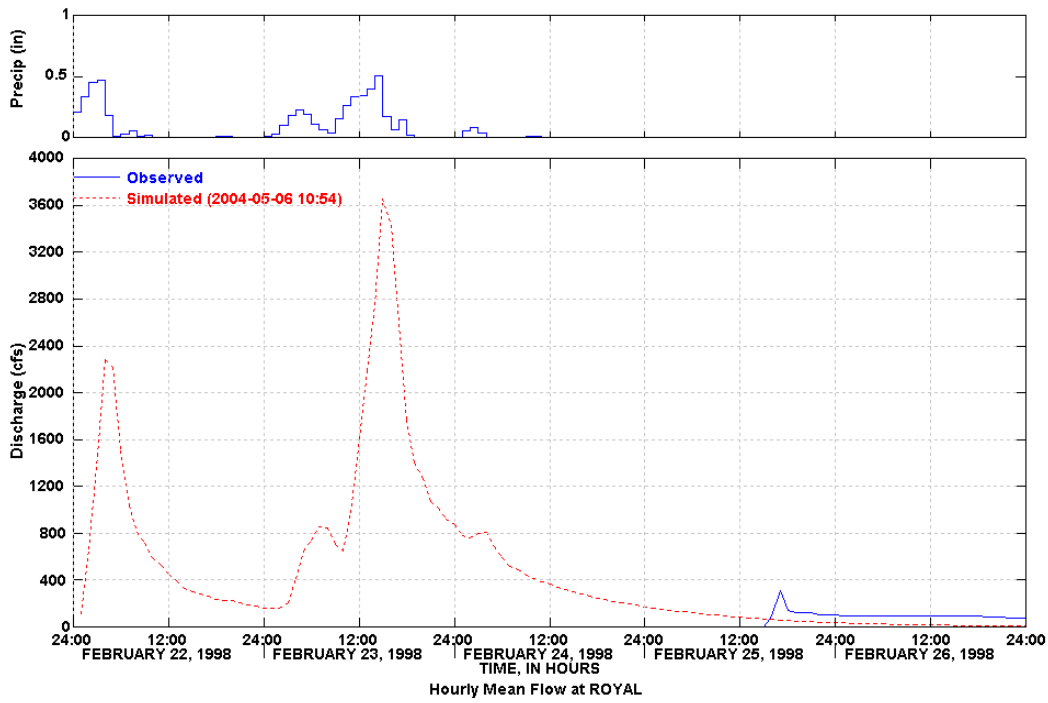


Figure 19 Simulated and Observed February 22-26, 1998 Storm Event

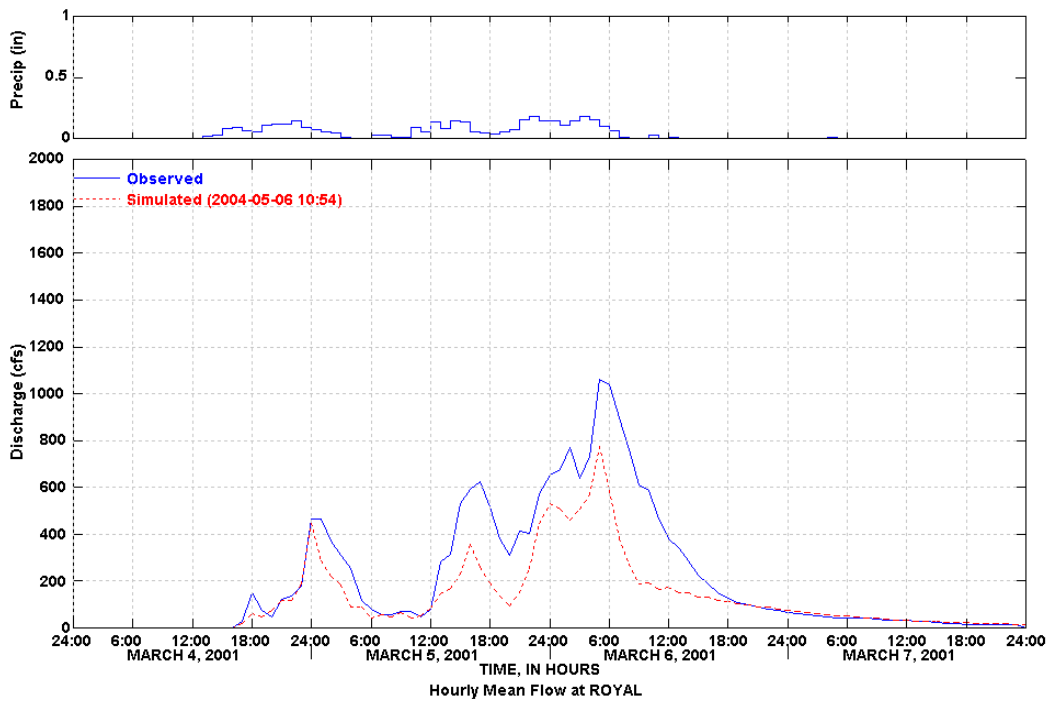


Figure 20 Simulated and Observed March 4-7, 2001 Storm Event

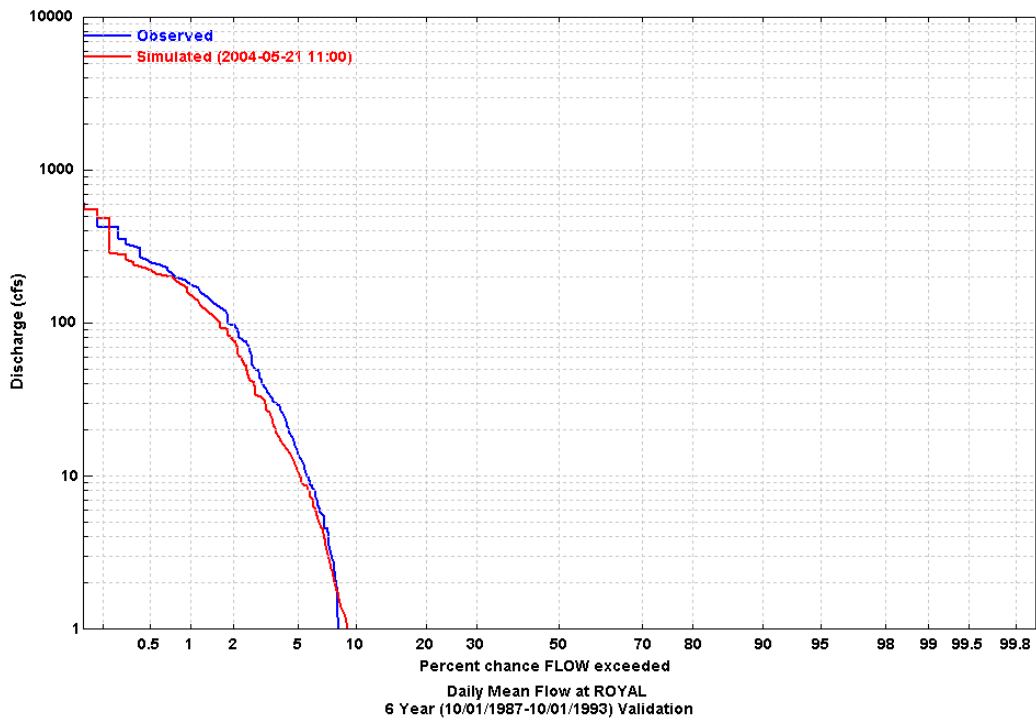


Figure 21 Simulated and Observed Daily Flow Duration Curve at Royal

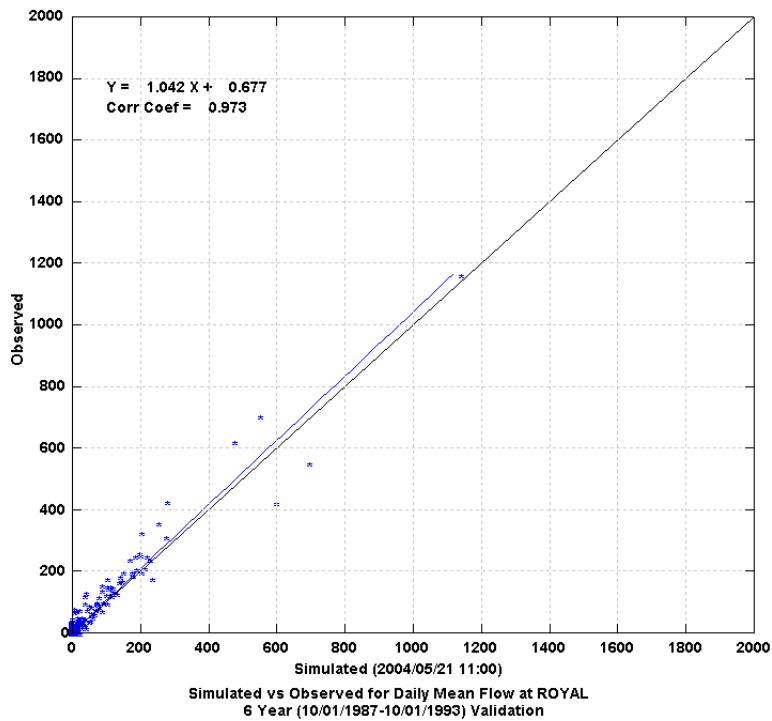


Figure 22 Daily Scatter Plot of Simulated versus Observed Flow at Royal

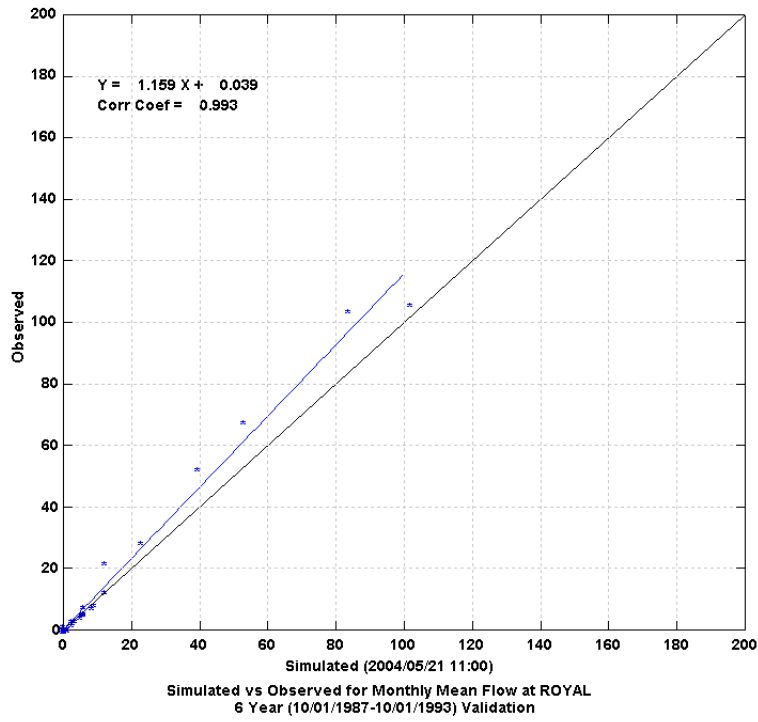


Figure 23 Monthly Scatter Plot of Simulated versus Observed Flow at Royal

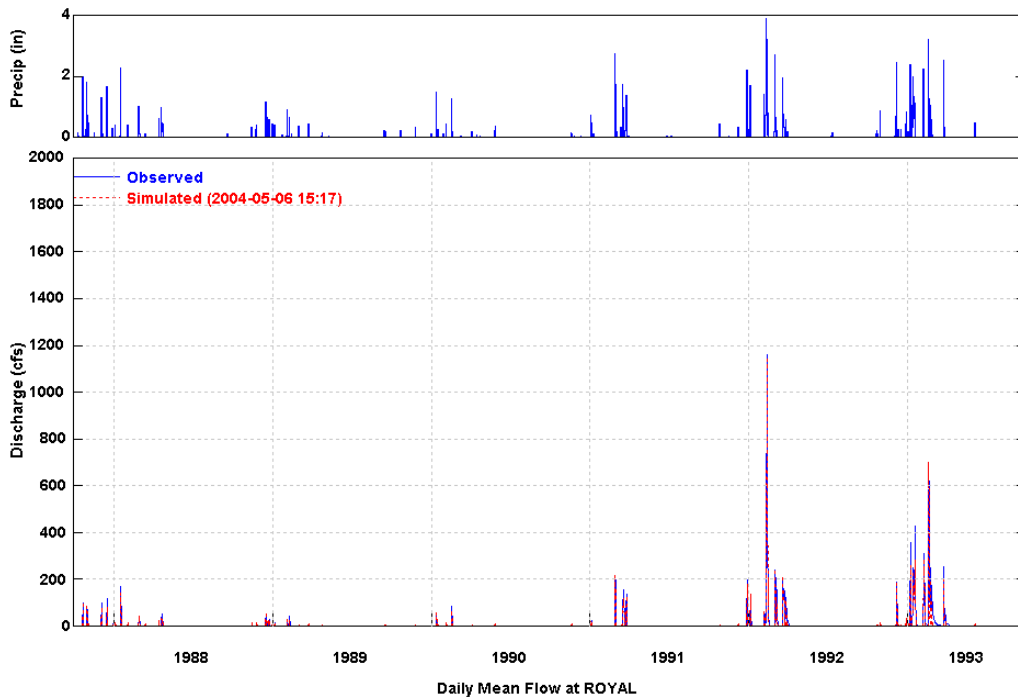


Figure 24 Simulated and Observed Daily Flow at Royal (WY 1988-1993)

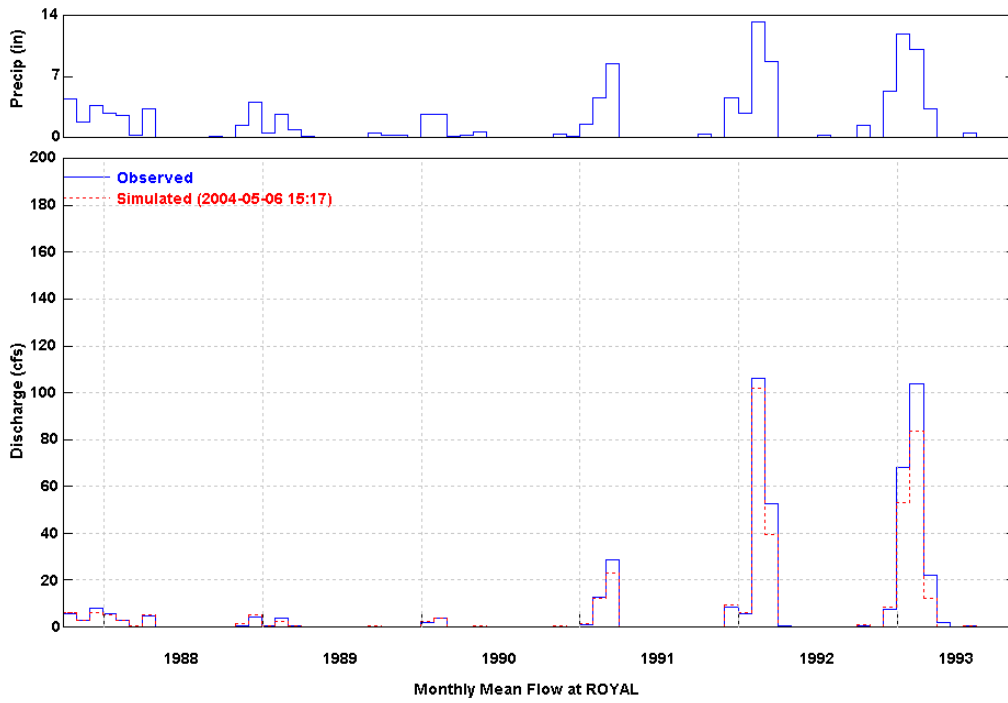


Figure 25 Simulated and Observed Daily Flow at Royal (WY 1988-1993)

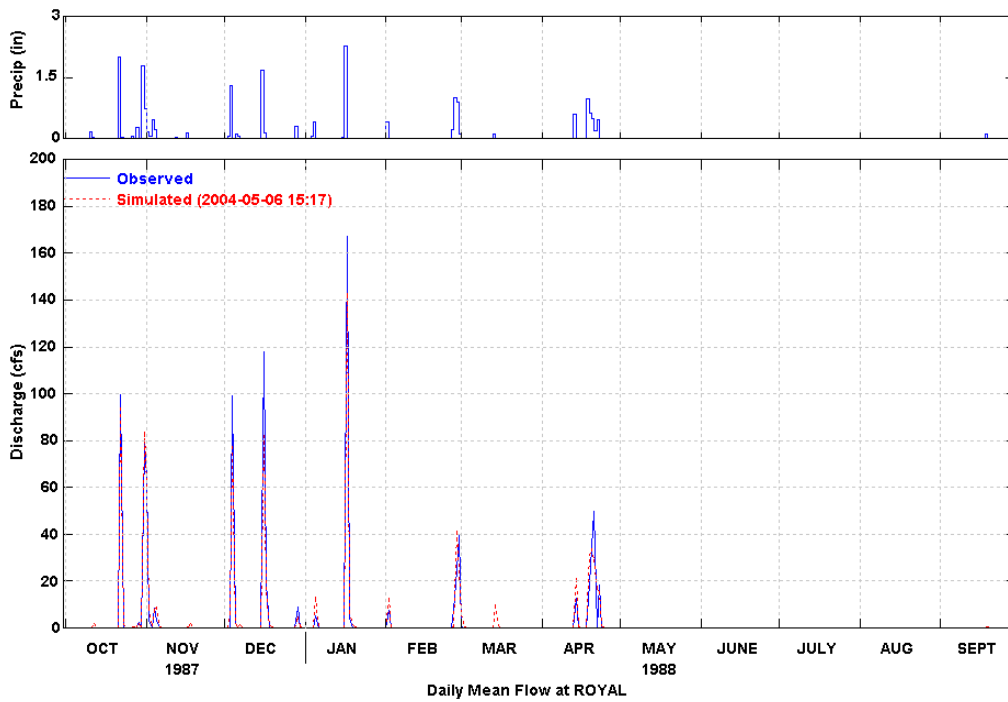


Figure 26 Simulated and Observed Daily Flow at Royal (WY 1988)

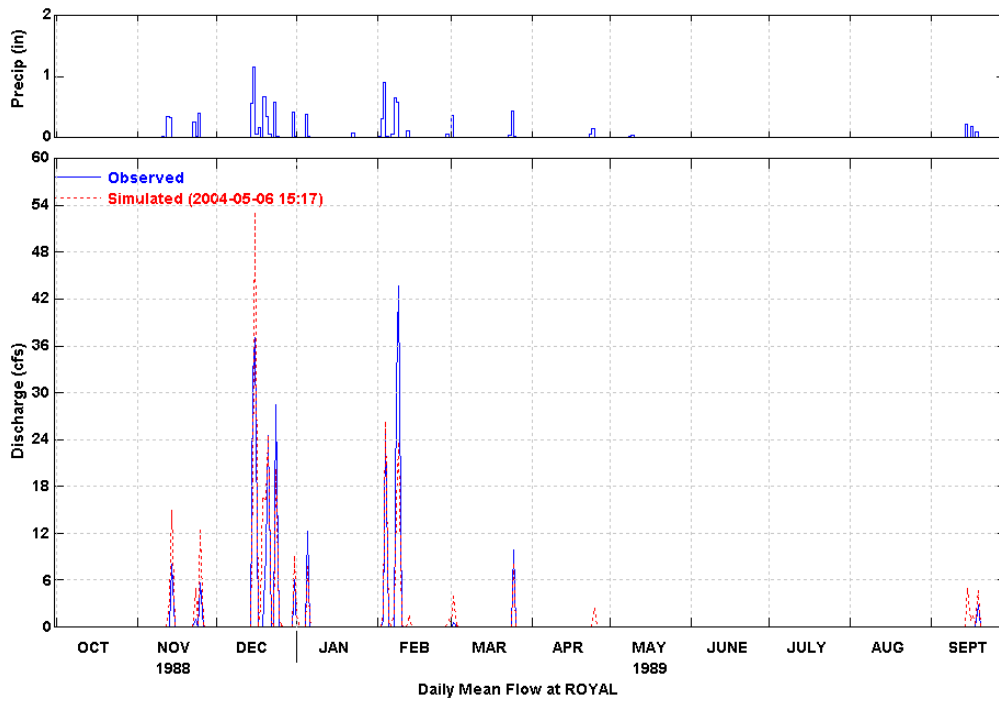


Figure 27 Simulated and Observed Daily Flow at Royal (WY 1989)

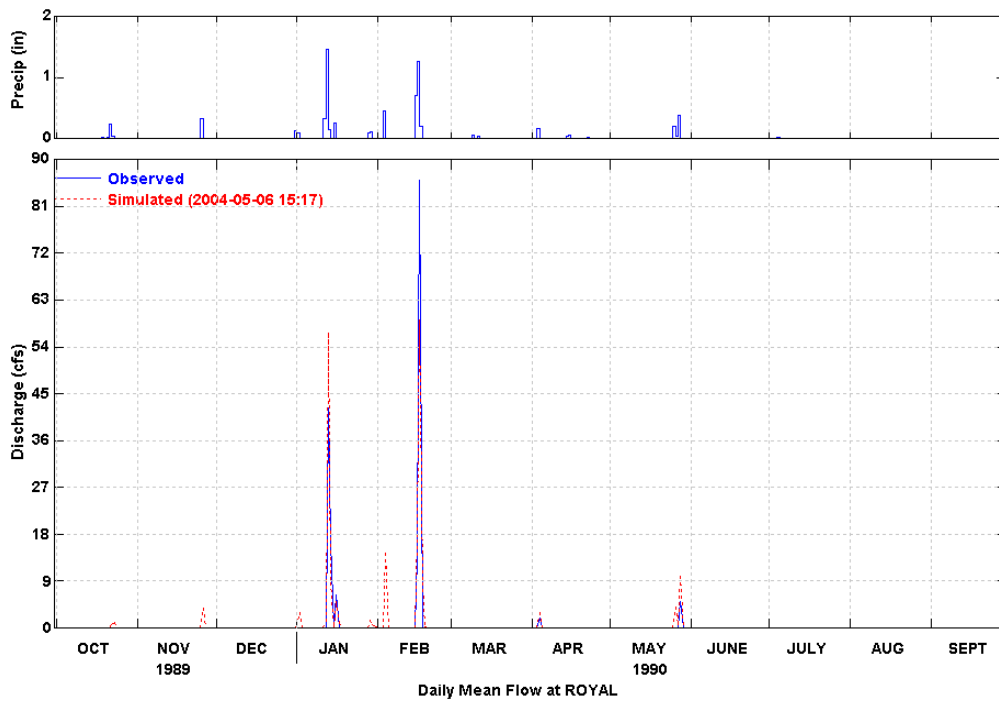


Figure 28 Simulated and Observed Daily Flow at Royal (WY 1990)

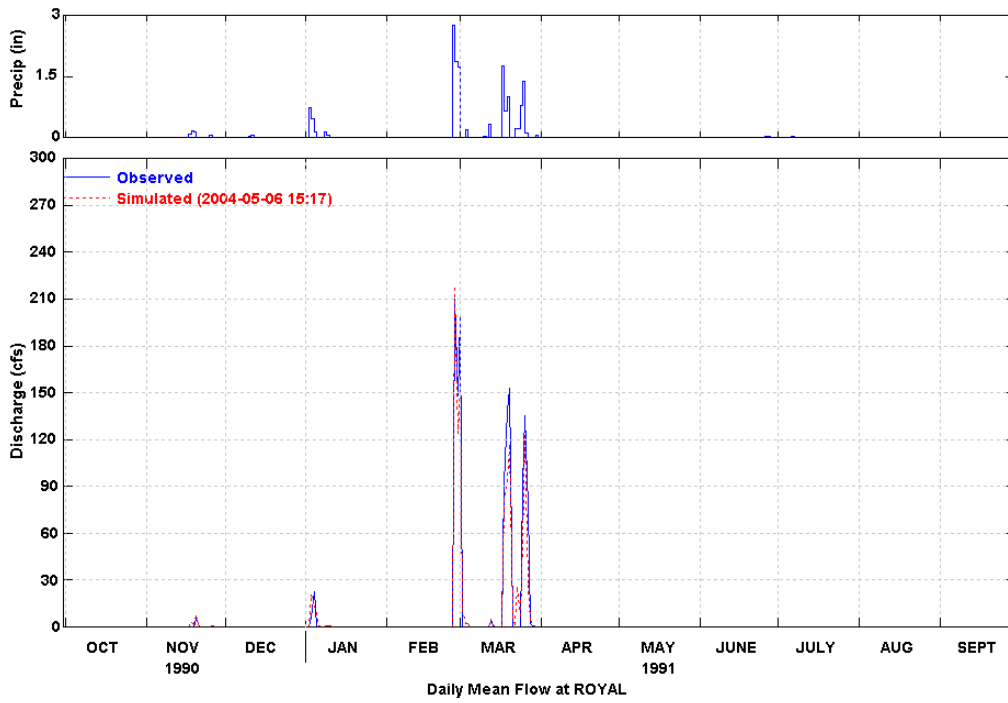


Figure 29 Simulated and Observed Daily Flow at Royal (WY 1991)

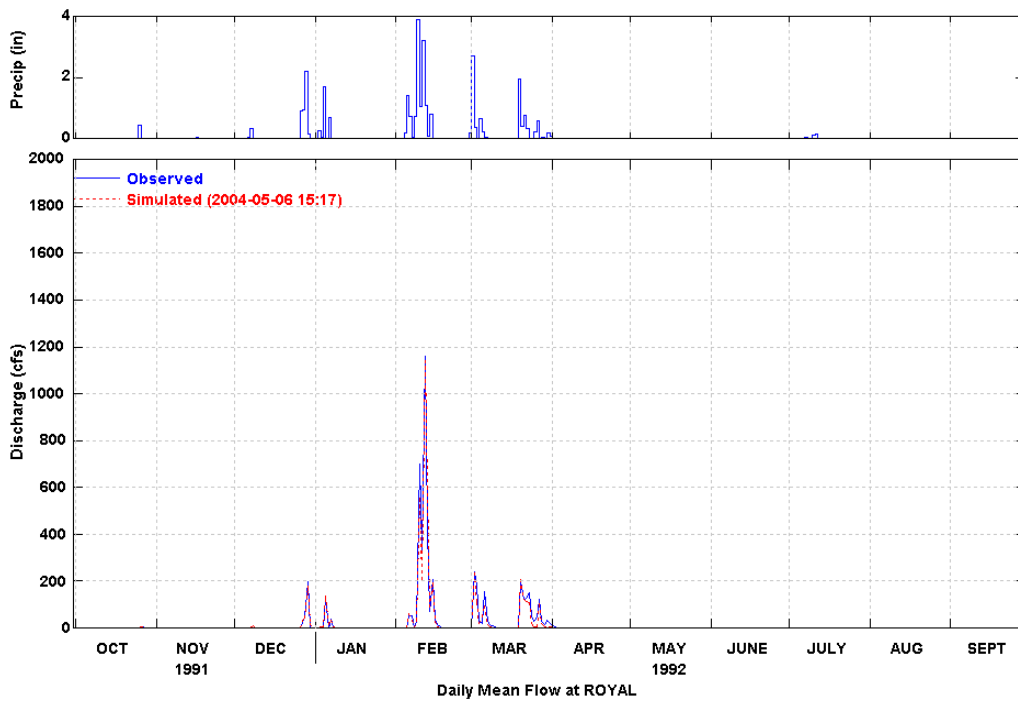


Figure 30 Simulated and Observed Daily Flow at Royal (WY 1992)

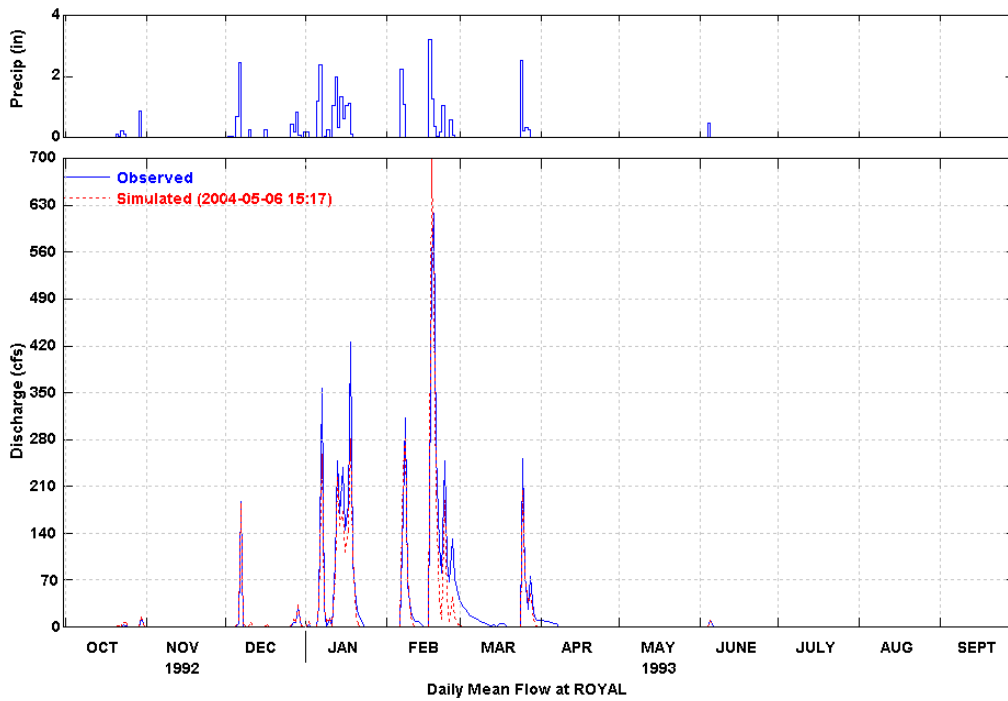


Figure 31 Simulated and Observed Daily Flow at Royal (WY 1993)

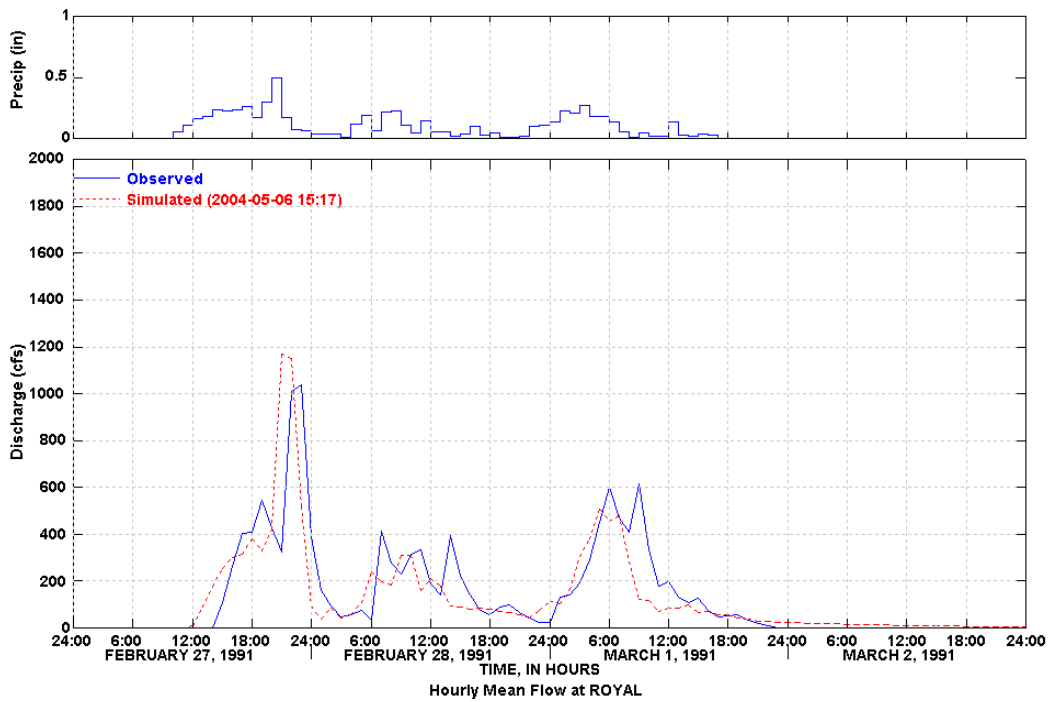


Figure 32 Simulated and Observed February 27 - March 2, 1991 Storm Event

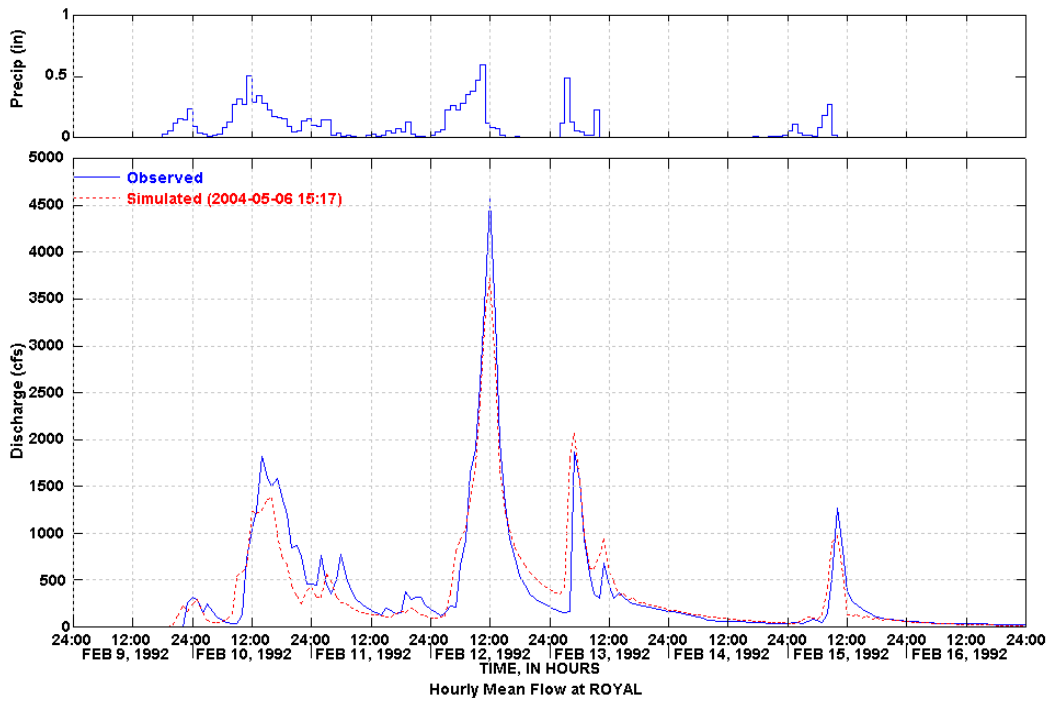


Figure 33 Simulated and Observed February 9-16, 1992 Storm Event

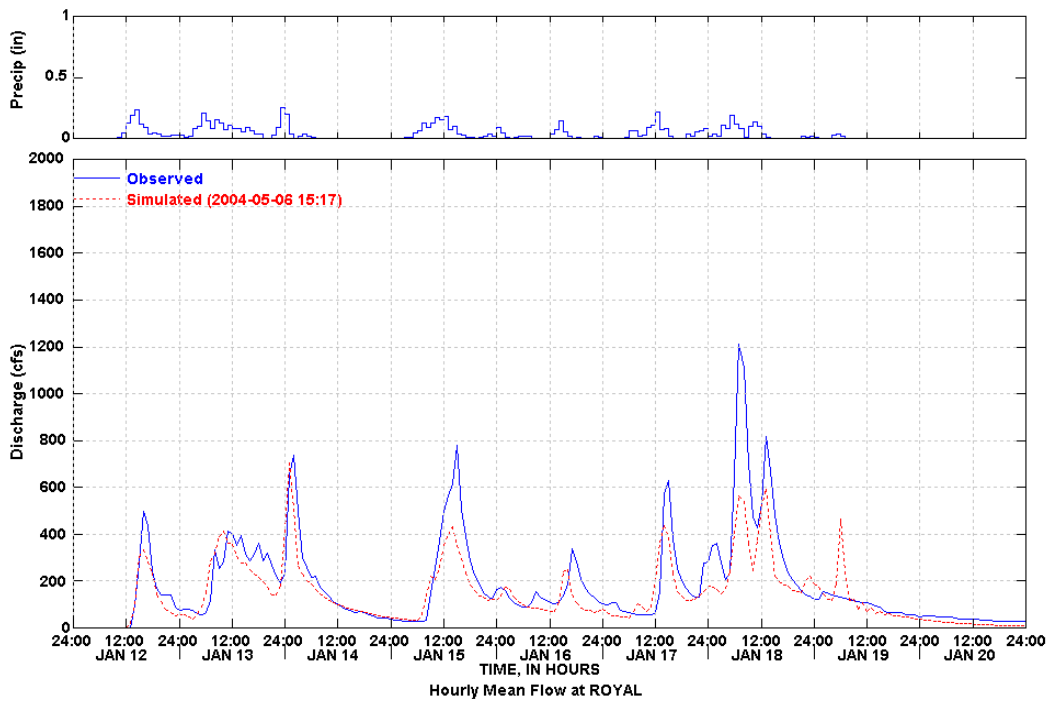


Figure 34 Simulated and Observed January 12-20, 1993 Storm Event

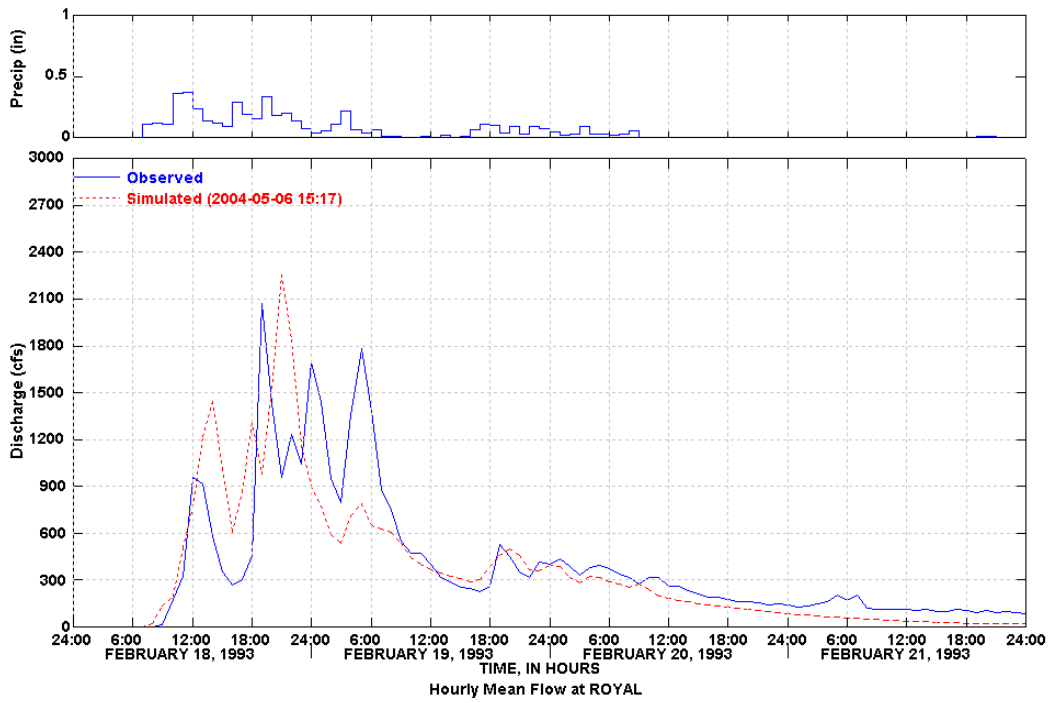


Figure 35 Simulated and Observed February 18-21, 1993 Storm Event