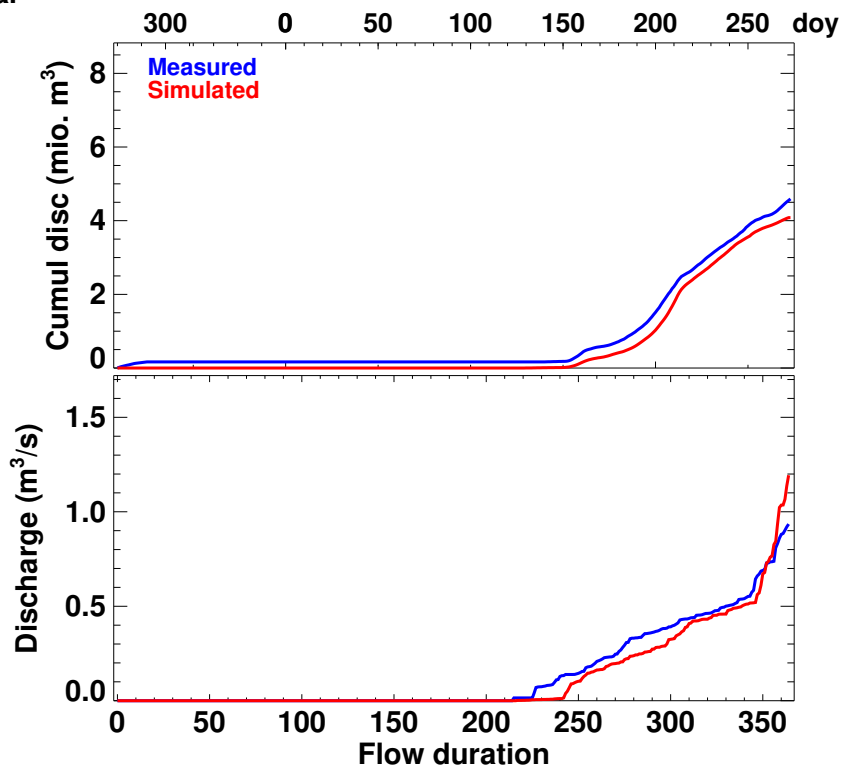
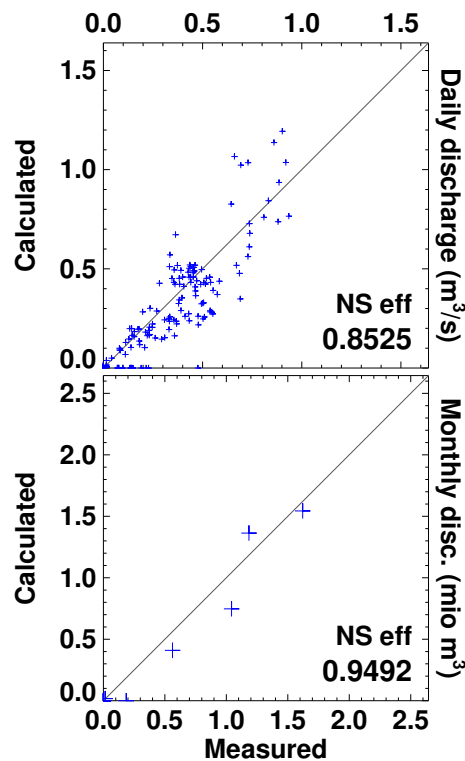
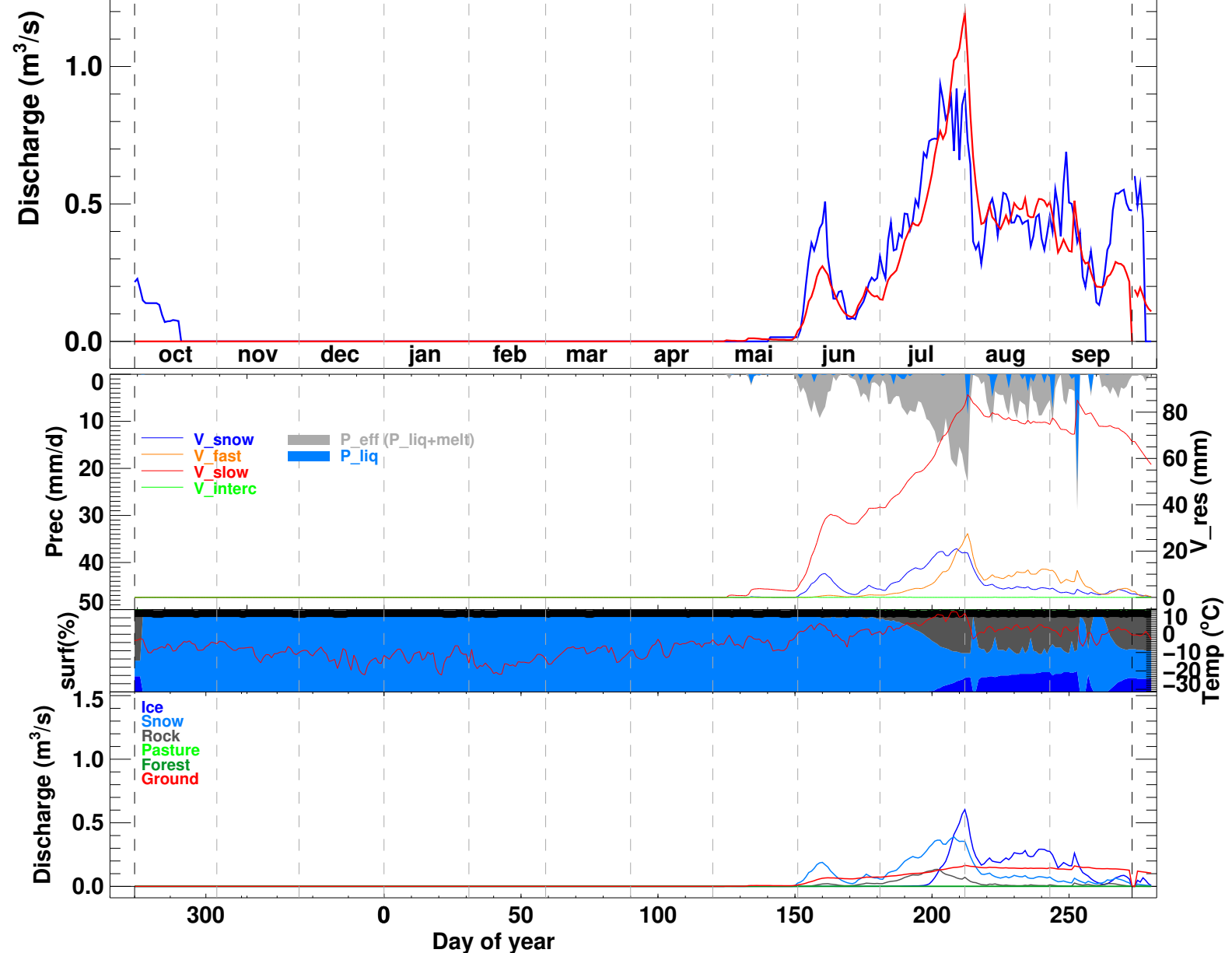


Weingartengletscher (Rotbach)

1982

1983

Measured runoff volume: 4.6 mio. m³
 Simulated runoff volume: 4.1 mio. m³
 Misfit: -11.25 %

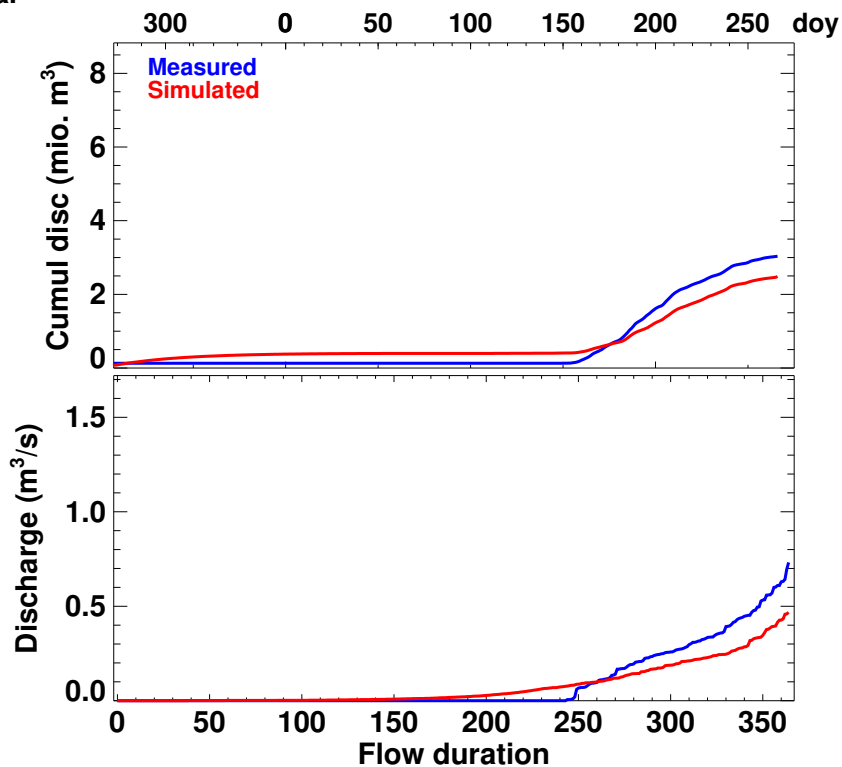
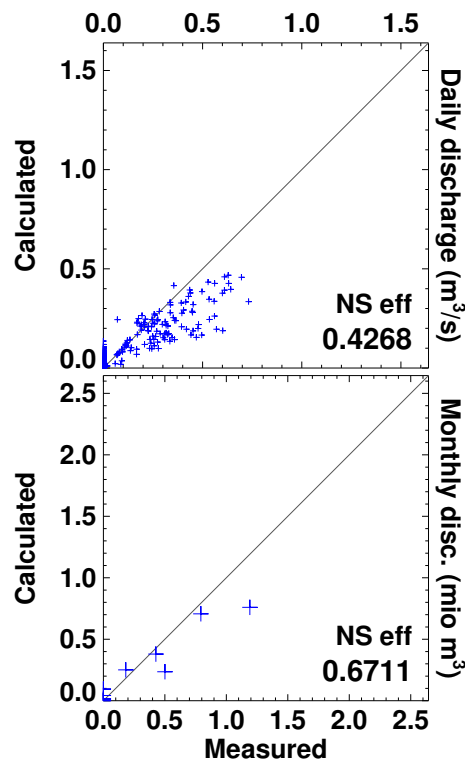
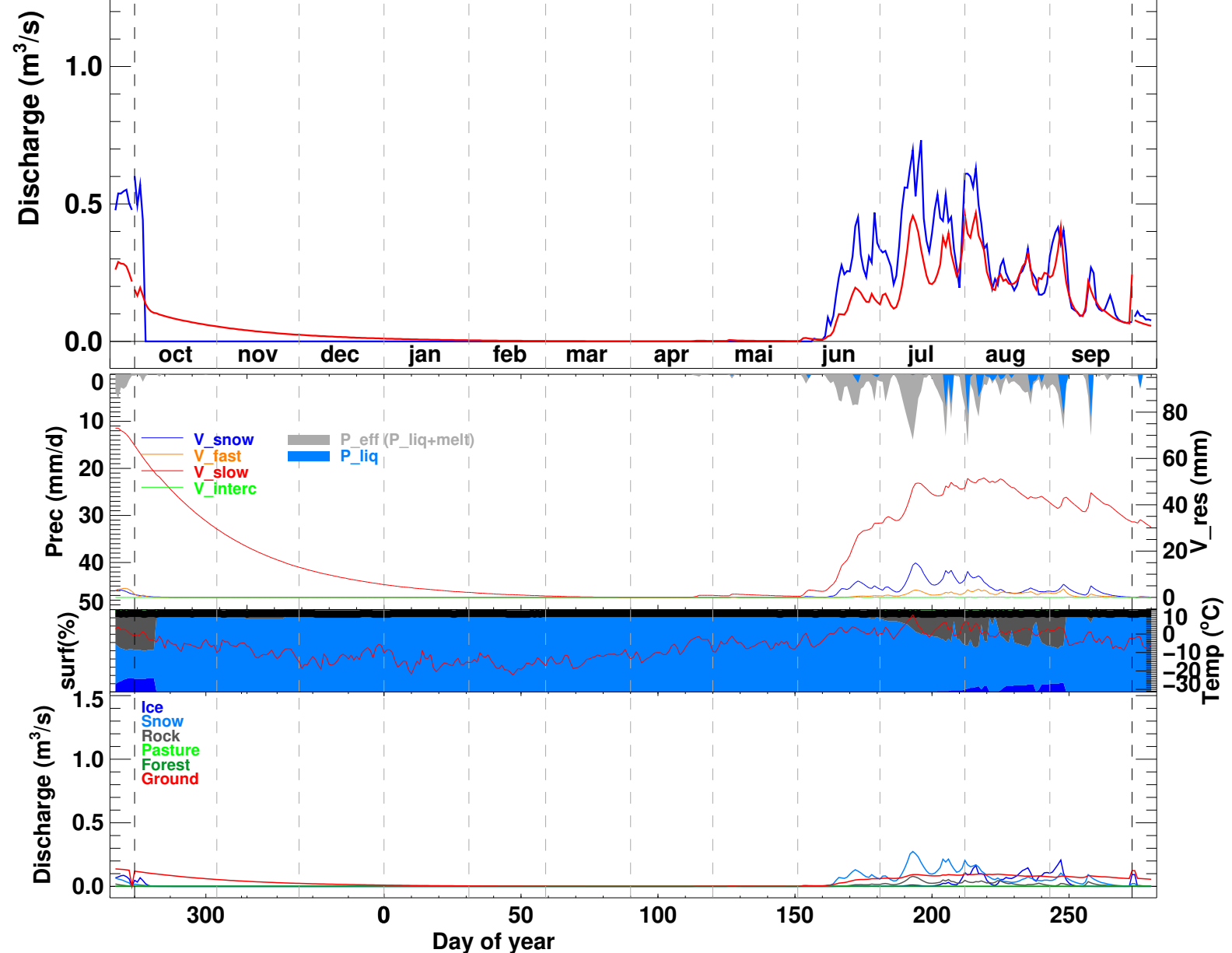


Weingartengletscher (Rotbach)

1983

1984

Measured runoff volume: 3.1 mio. m³
 Simulated runoff volume: 2.5 mio. m³
 Misfit: -19.35 %



Weingartengletscher (Rotbach)

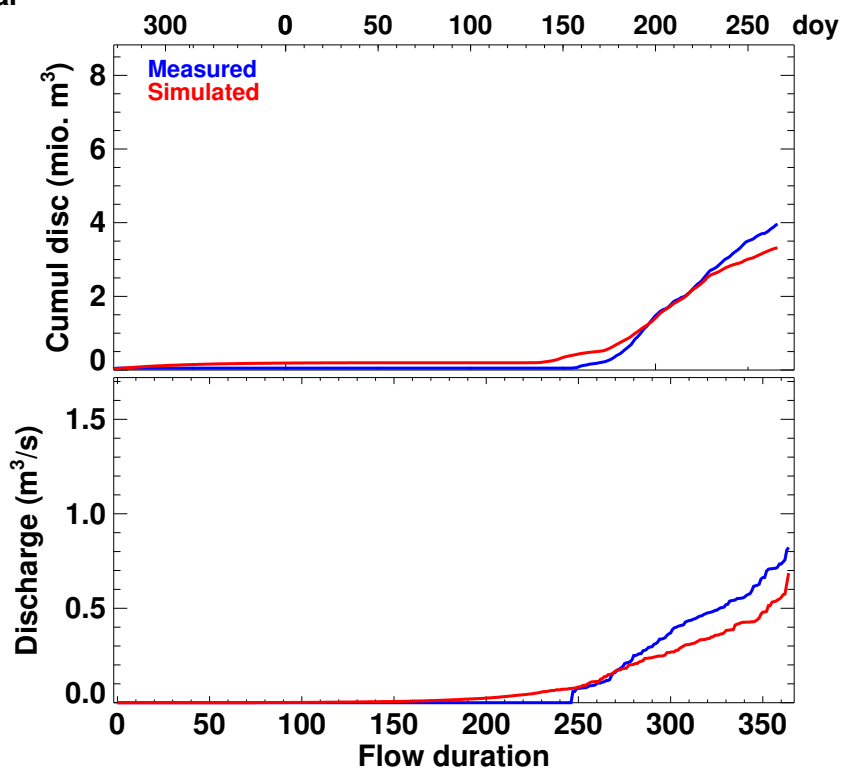
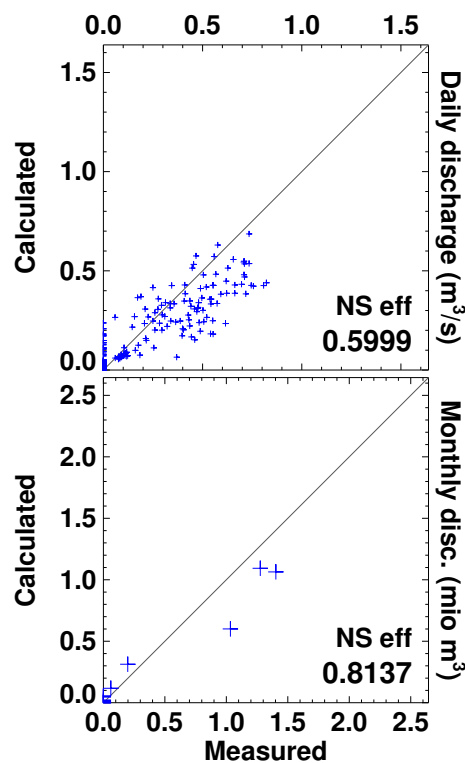
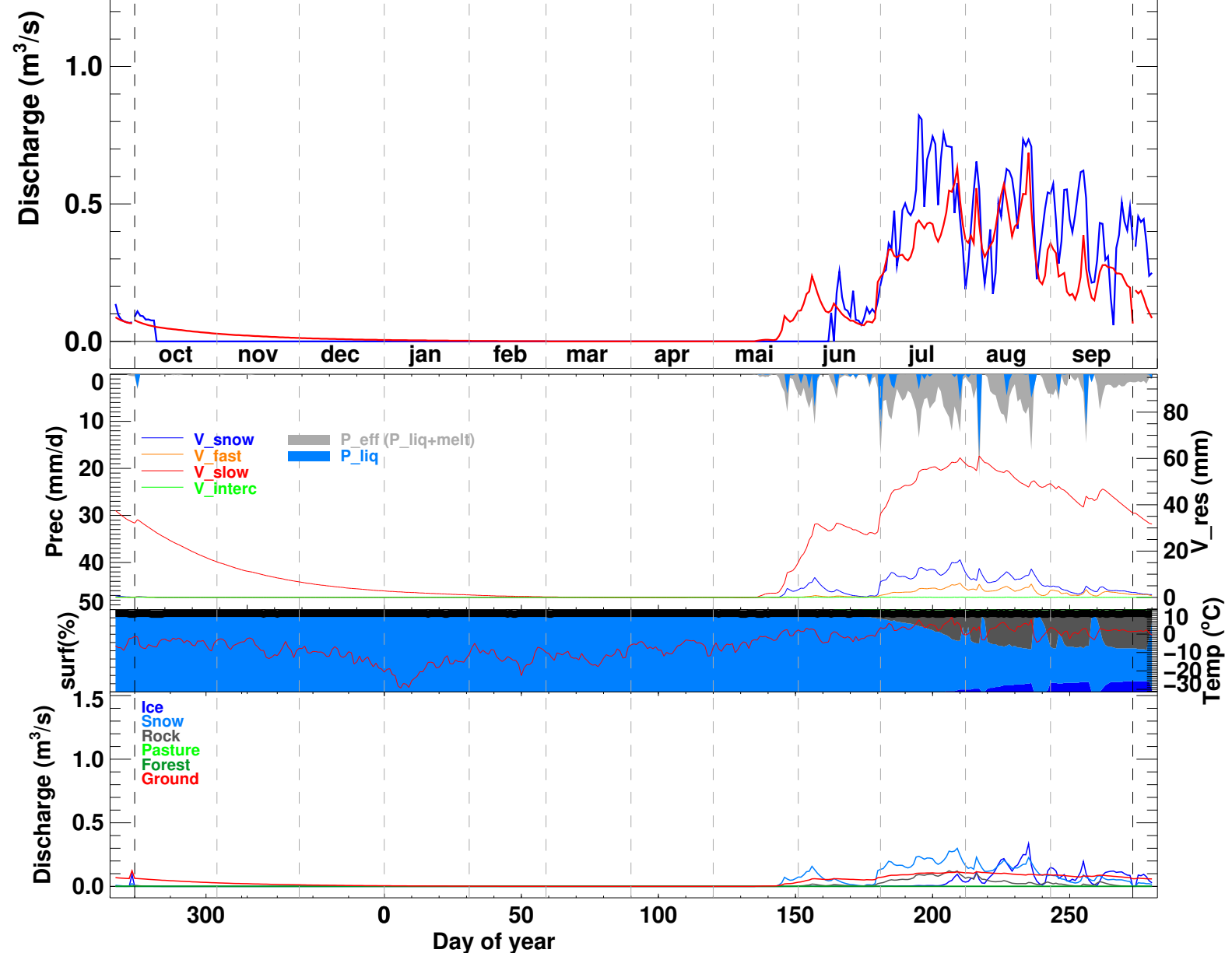
1984

1985

Measured runoff volume: 4.0 mio. m³

Simulated runoff volume: 3.3 mio. m³

Misfit: -16.95 %

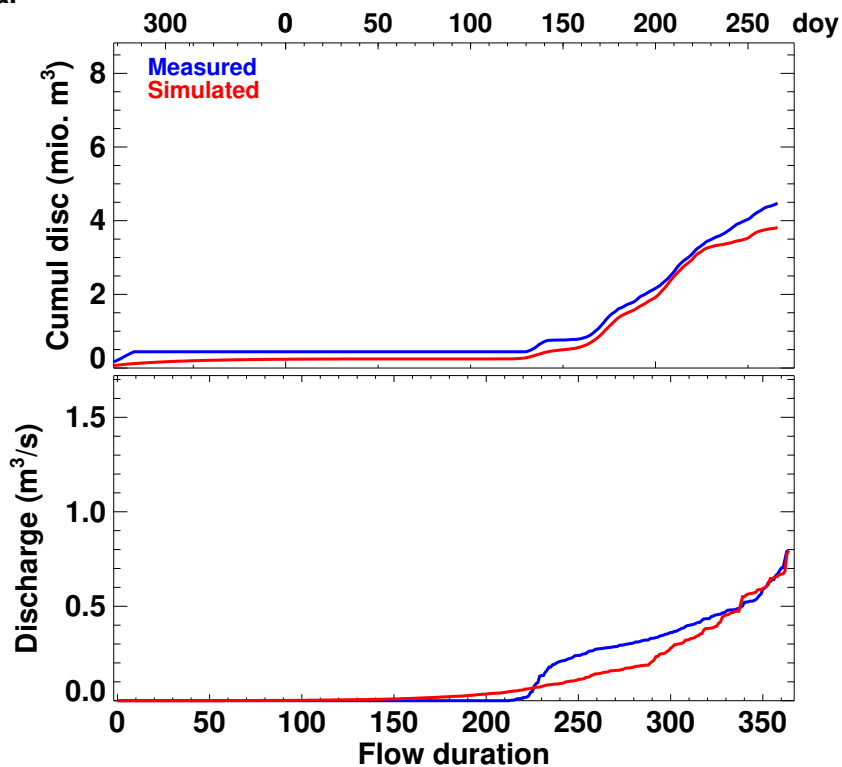
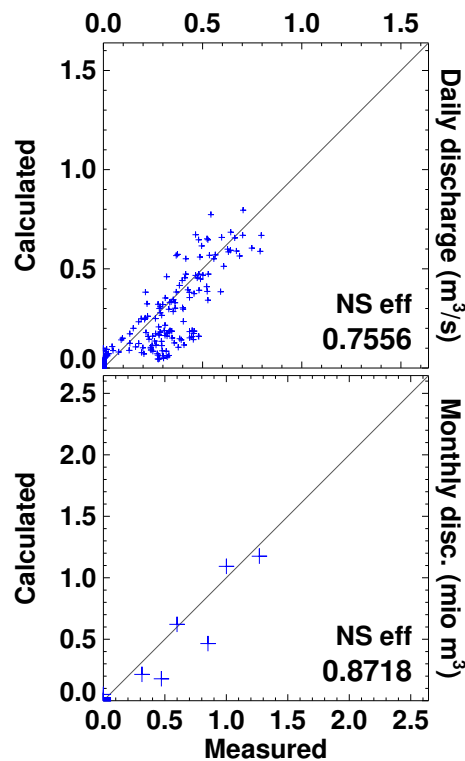
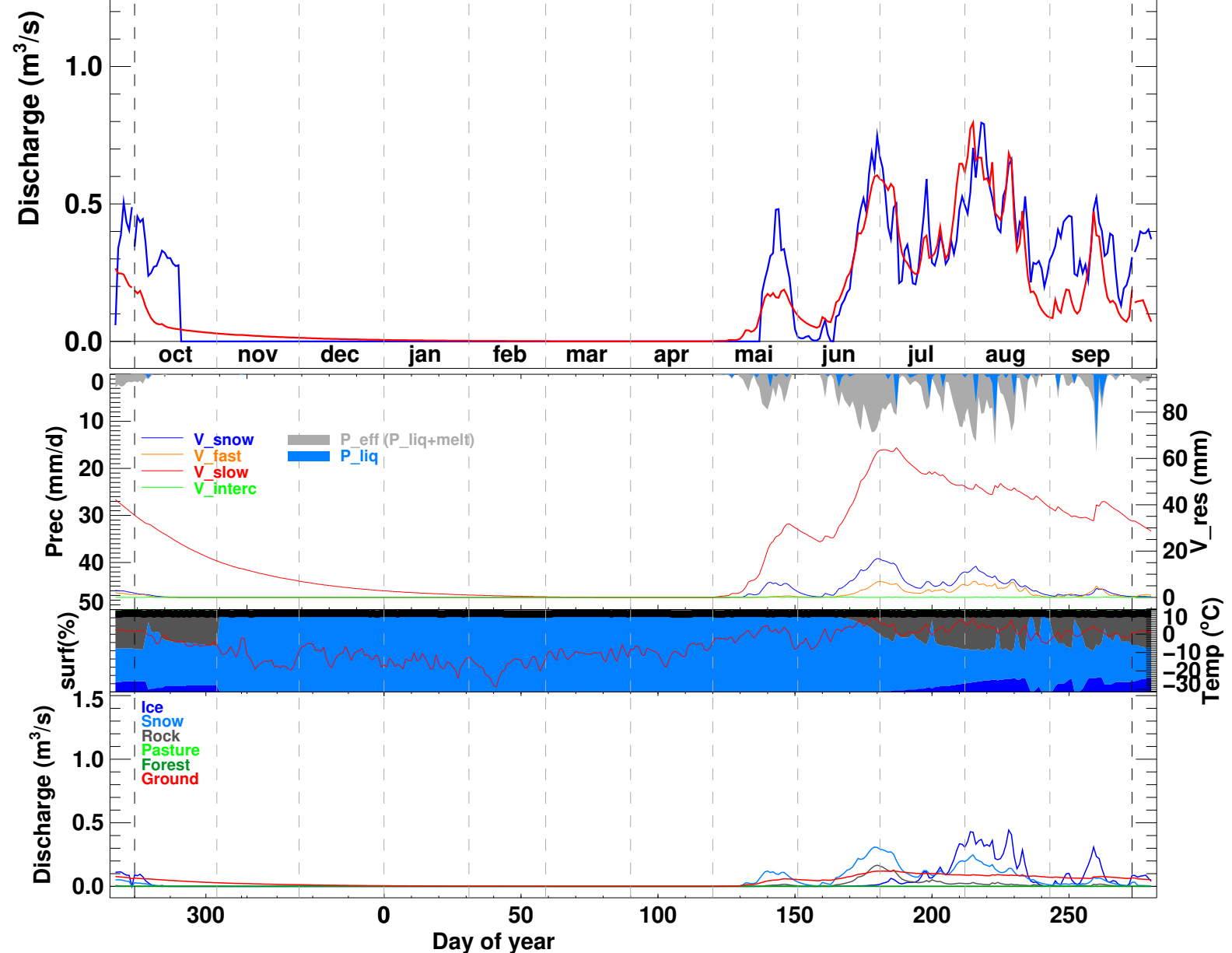


Weingartengletscher (Rotbach)

1985

1986

Measured runoff volume: 4.5 mio. m³
 Simulated runoff volume: 3.8 mio. m³
 Misfit: -14.84 %

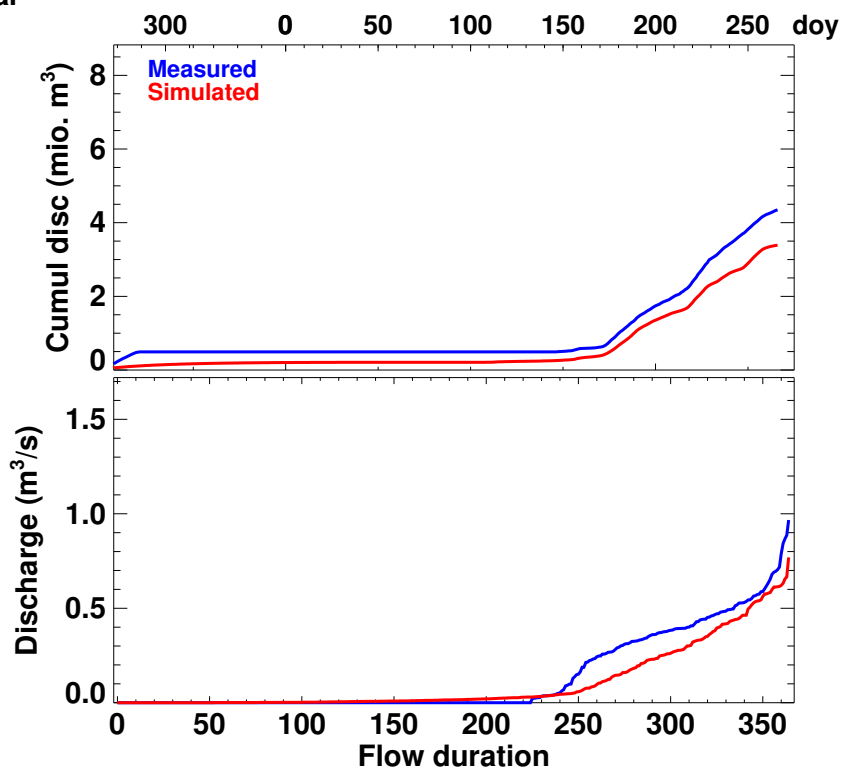
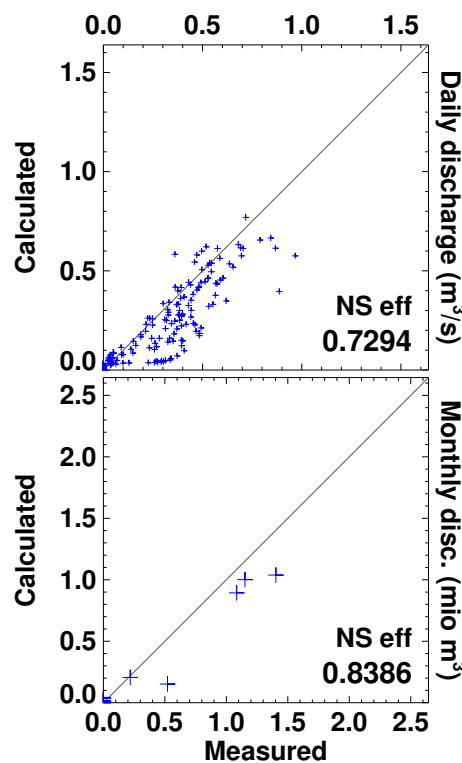
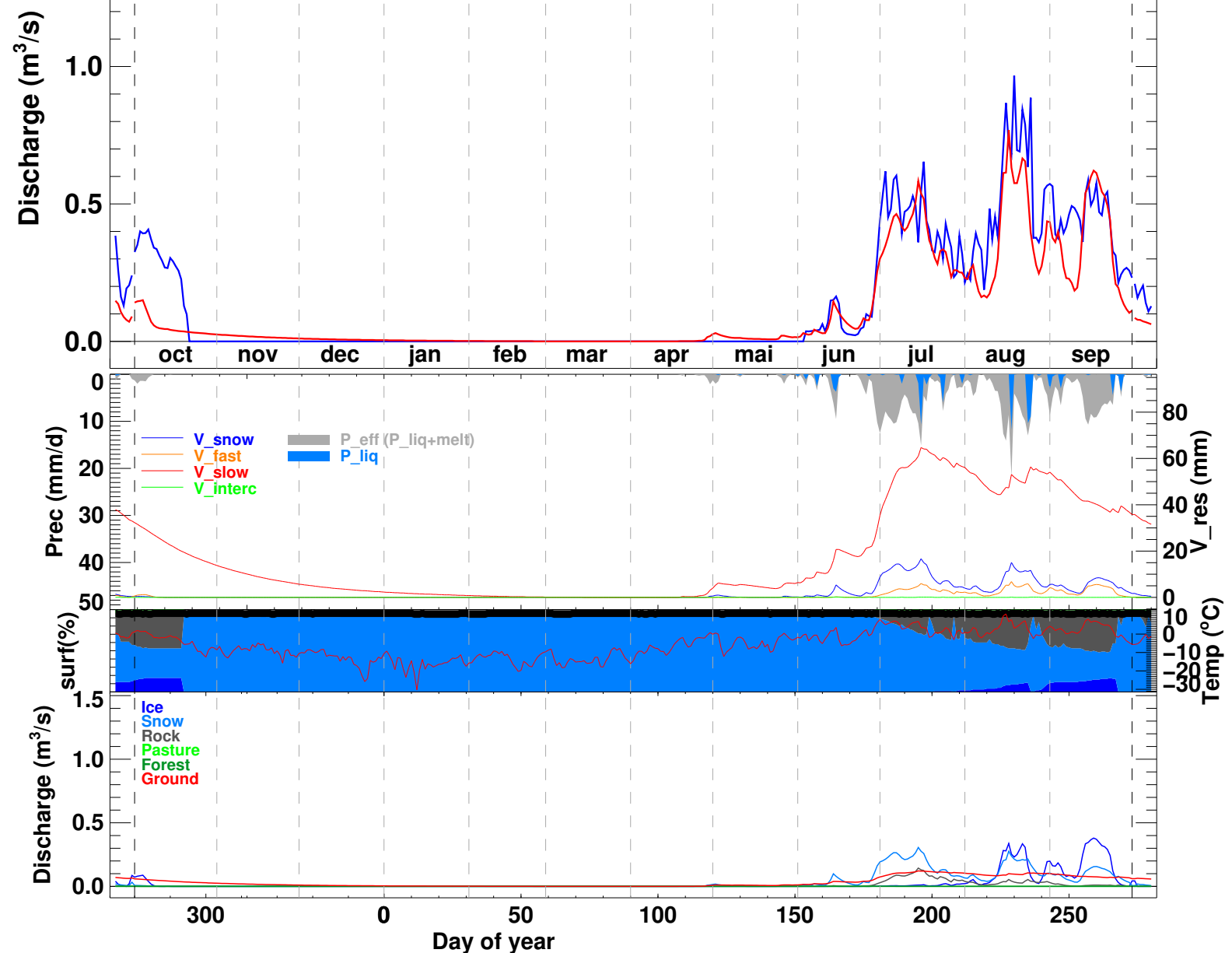


Weingartengletscher (Rotbach)

1986

1987

Measured runoff volume: 4.4 mio. m³
 Simulated runoff volume: 3.4 mio. m³
 Misfit: -22.64 %

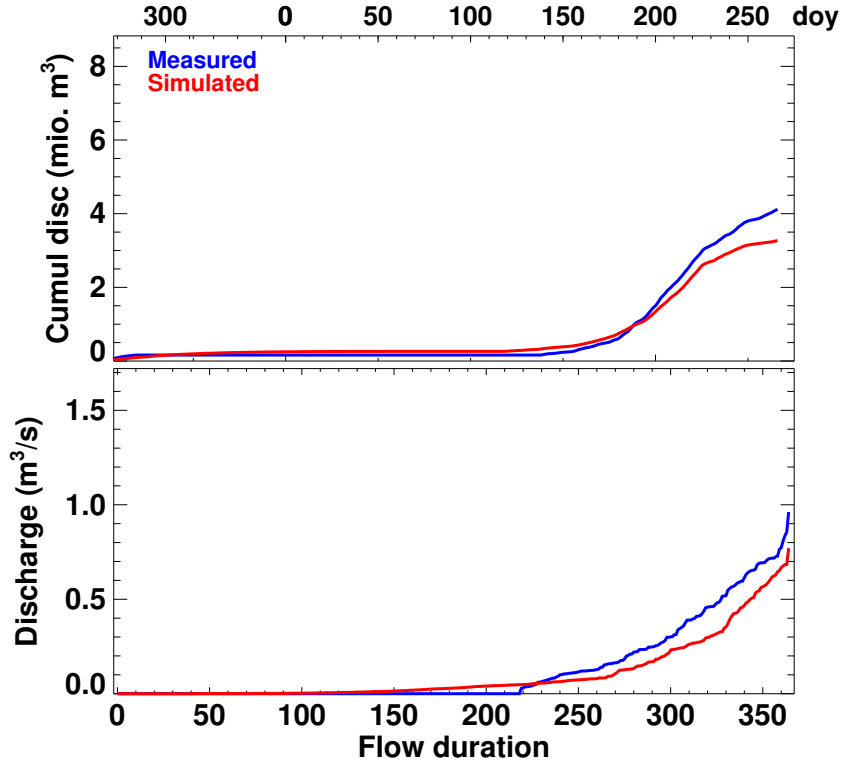
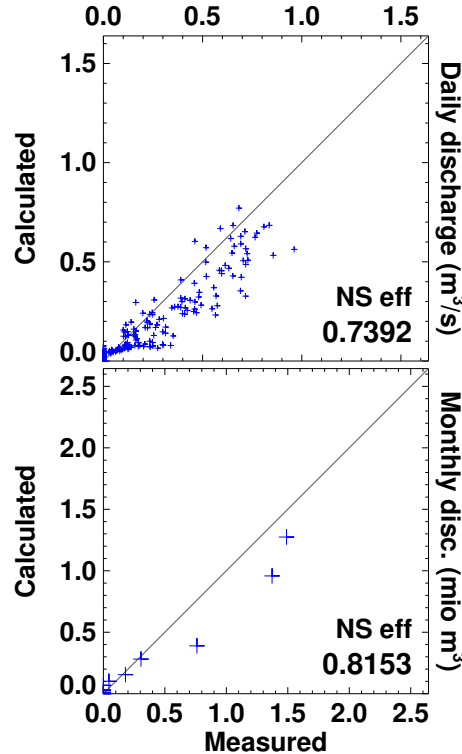
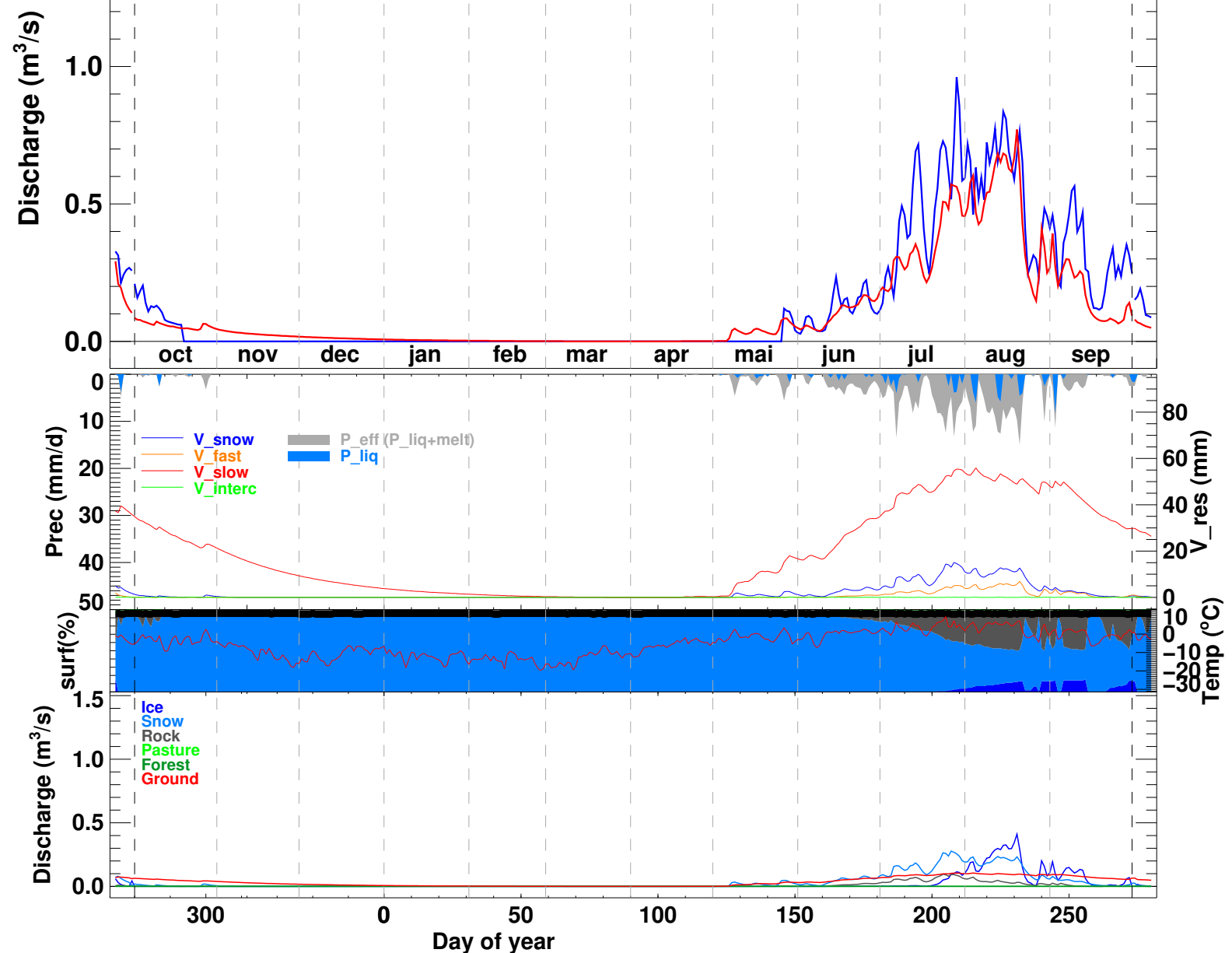


Weingartengletscher (Rotbach)

1987

1988

Measured runoff volume: 4.1 mio. m³
 Simulated runoff volume: 3.3 mio. m³
 Misfit: -20.11 %

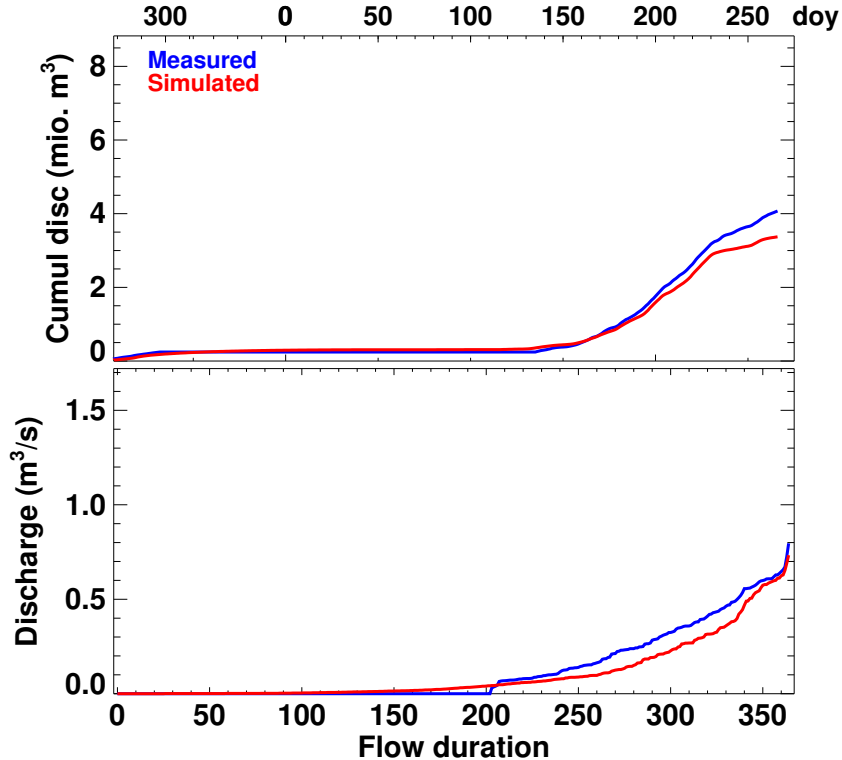
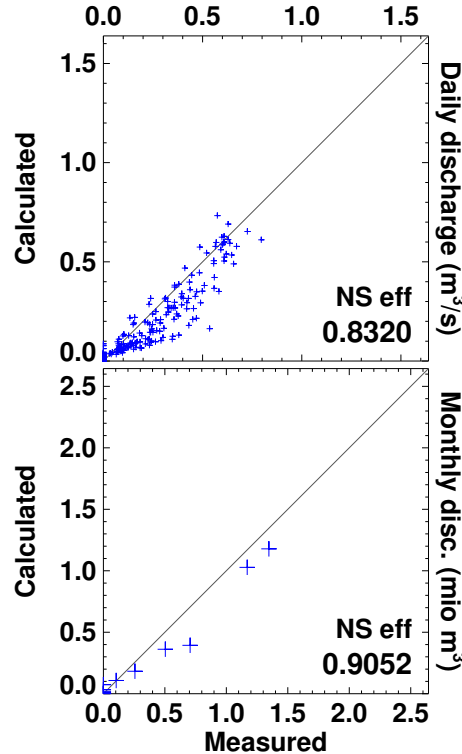
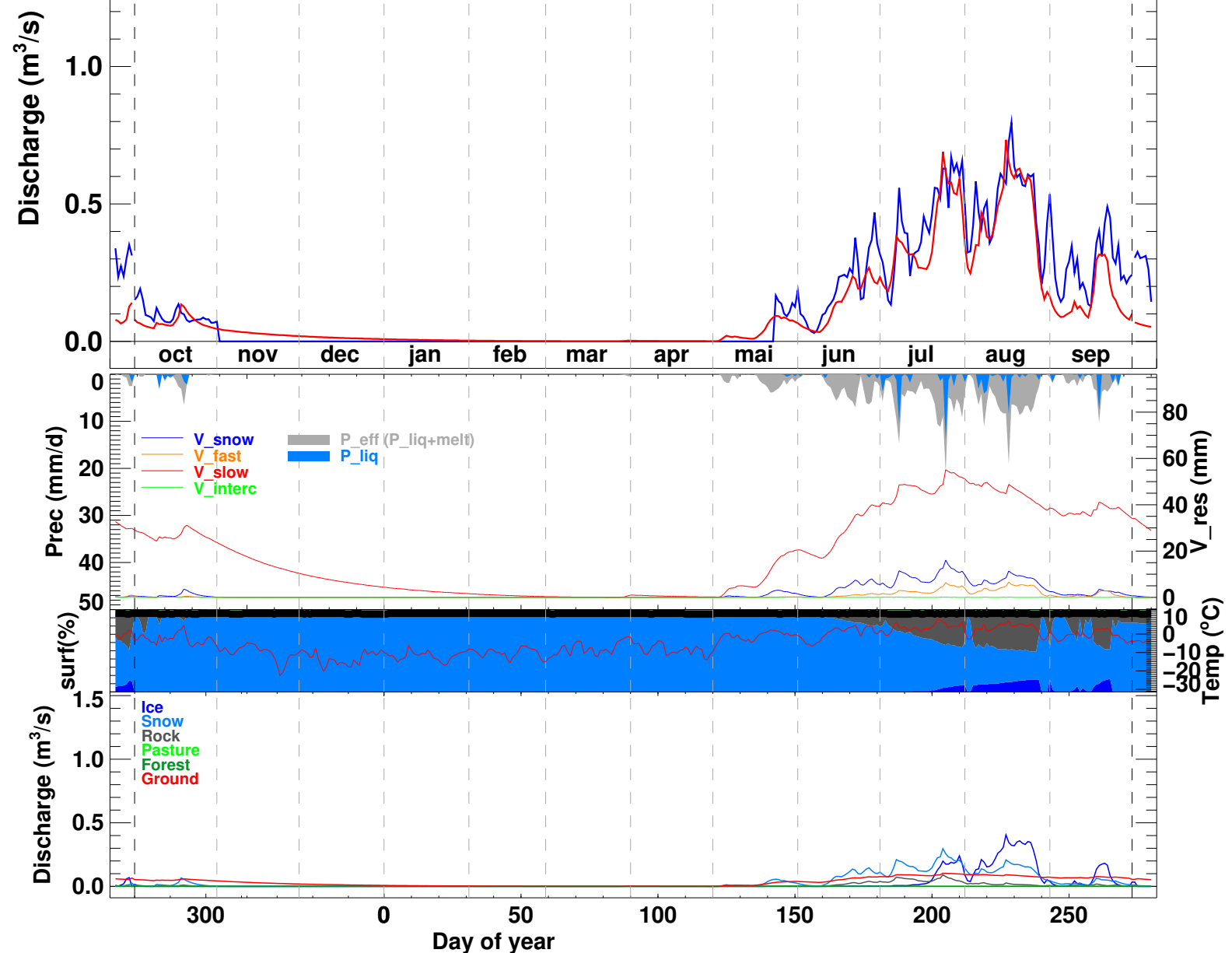


Weingartengletscher (Rotbach)

1988

1989

Measured runoff volume: 4.1 mio. m³
 Simulated runoff volume: 3.4 mio. m³
 Misfit: -17.57 %

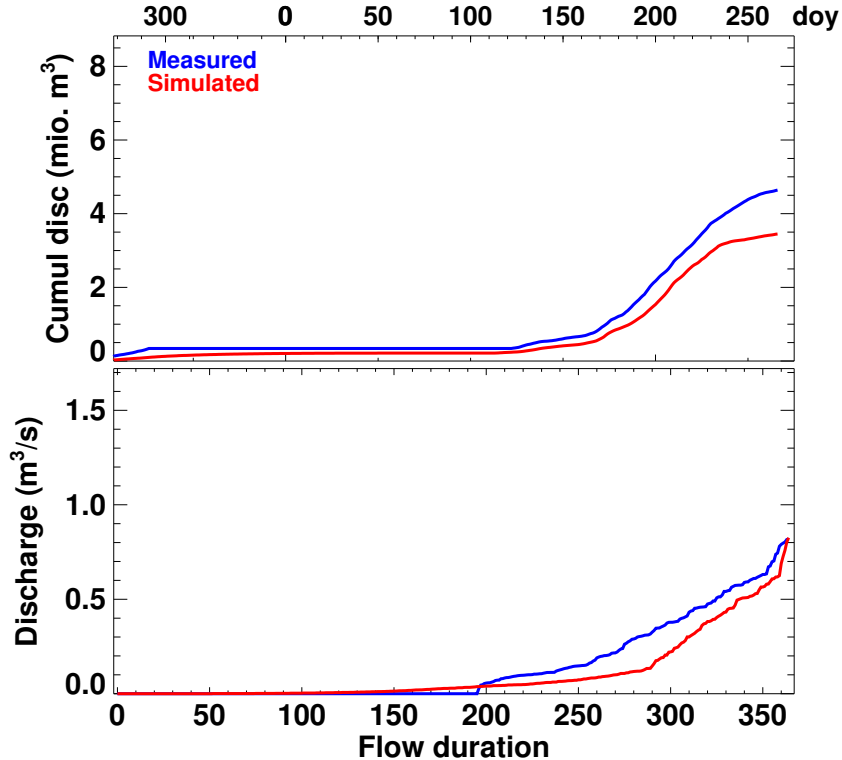
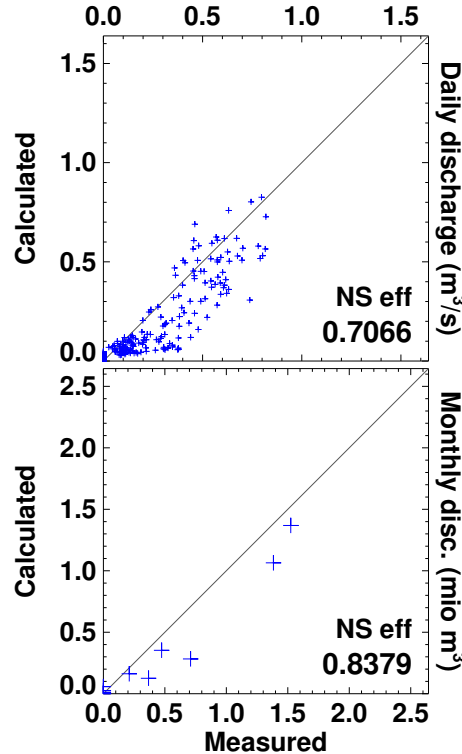
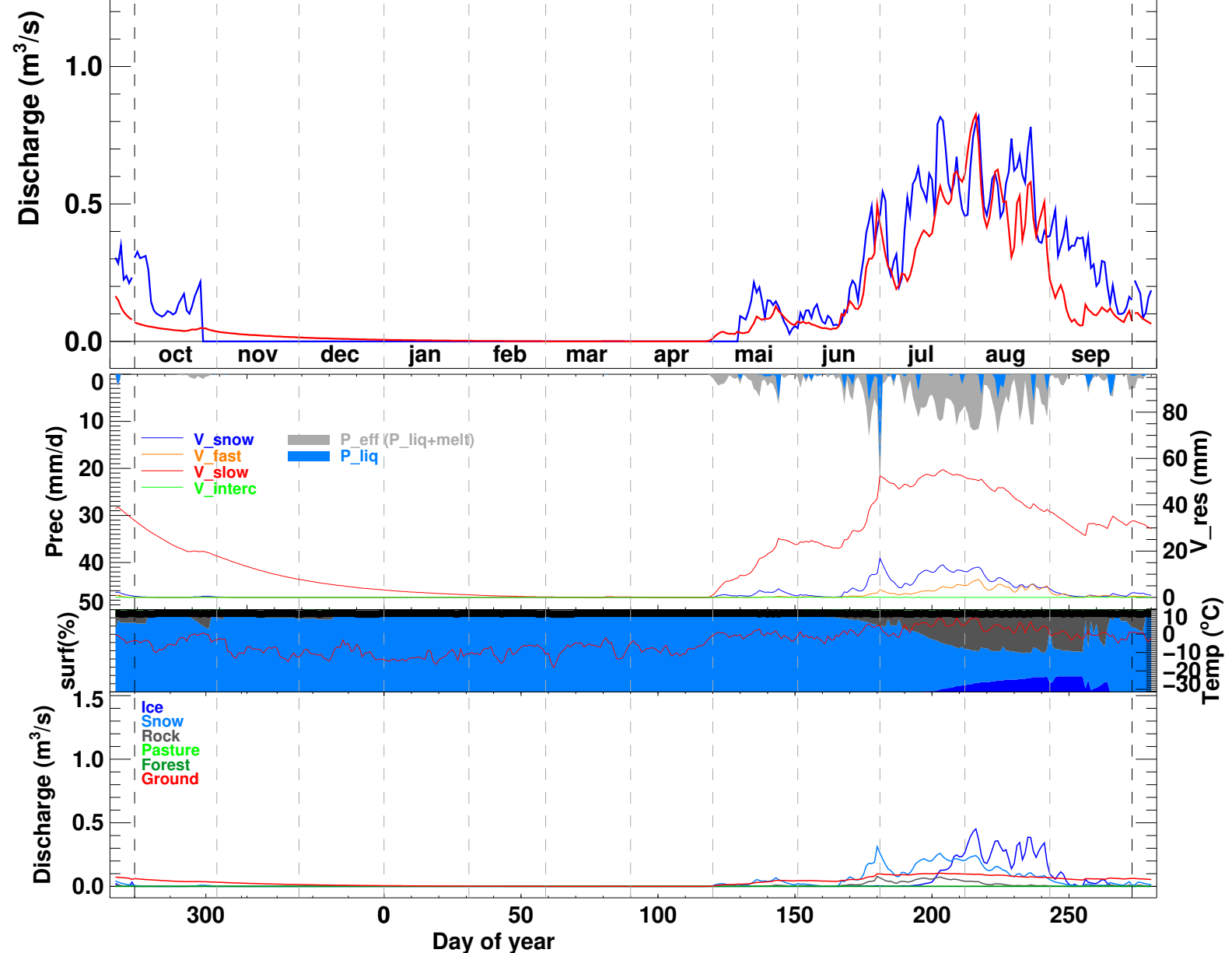


Weingartengletscher (Rotbach)

1989

1990

Measured runoff volume: 4.7 mio. m³
 Simulated runoff volume: 3.5 mio. m³
 Misfit: -26.51 %

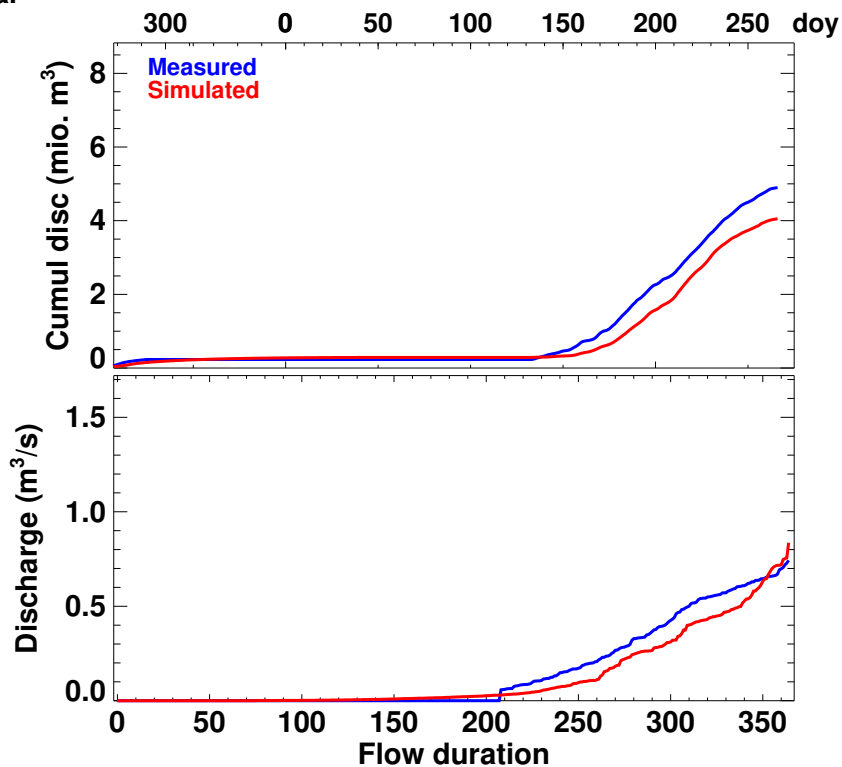
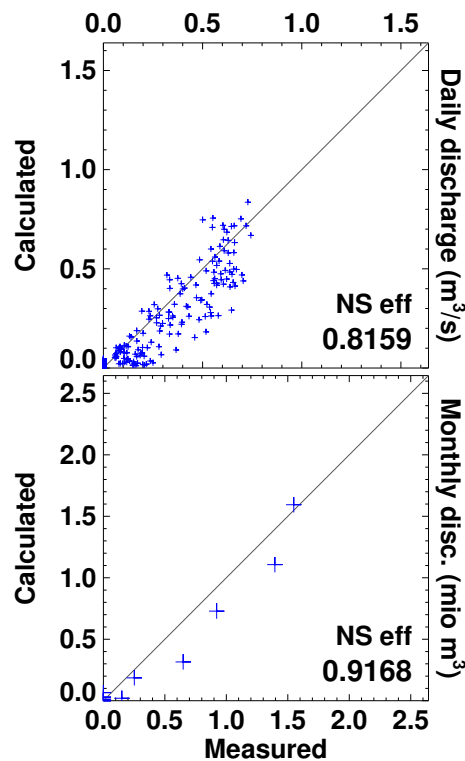
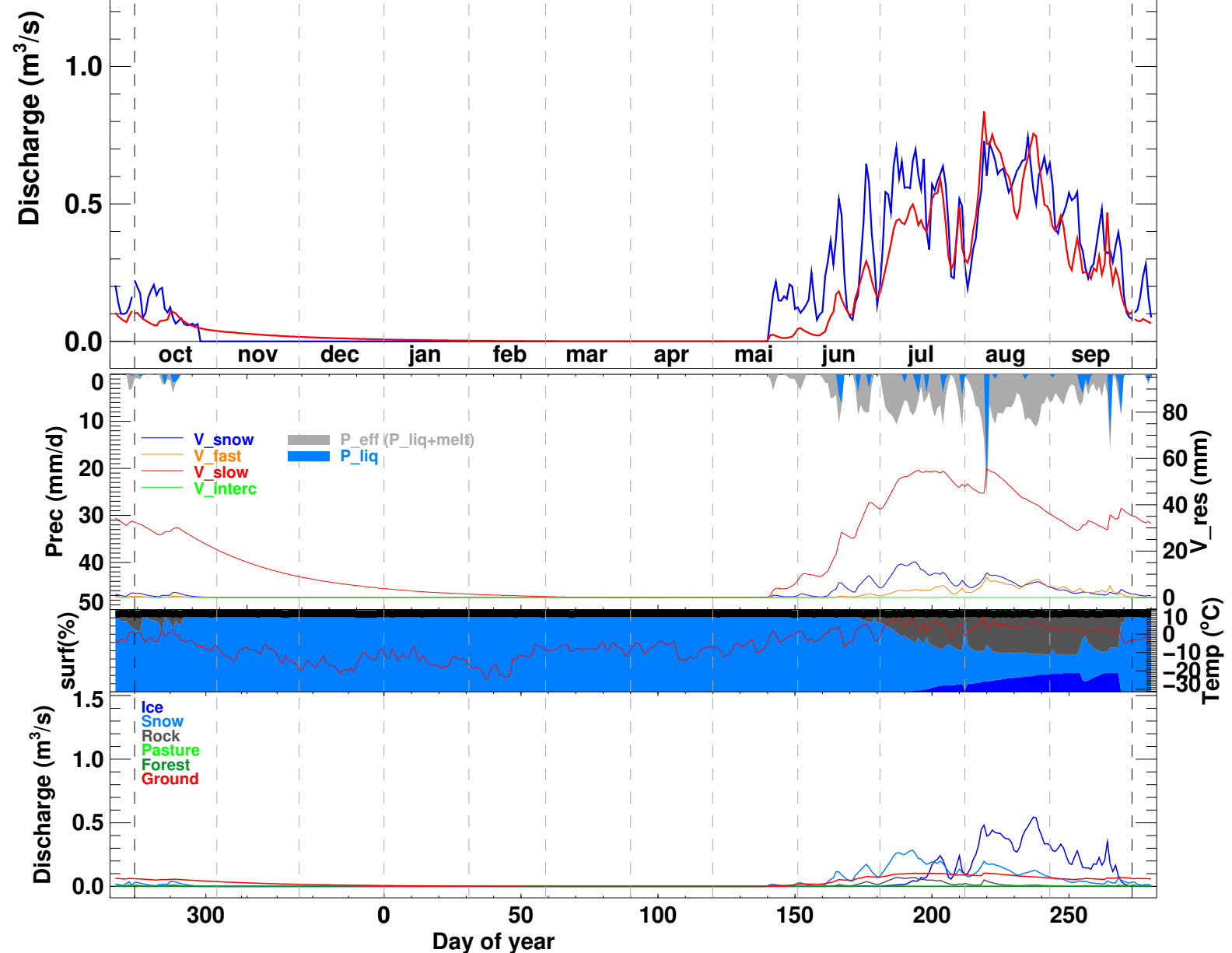


Weingartengletscher (Rotbach)

1990

1991

Measured runoff volume: 4.9 mio. m³
 Simulated runoff volume: 4.1 mio. m³
 Misfit: -17.09 %

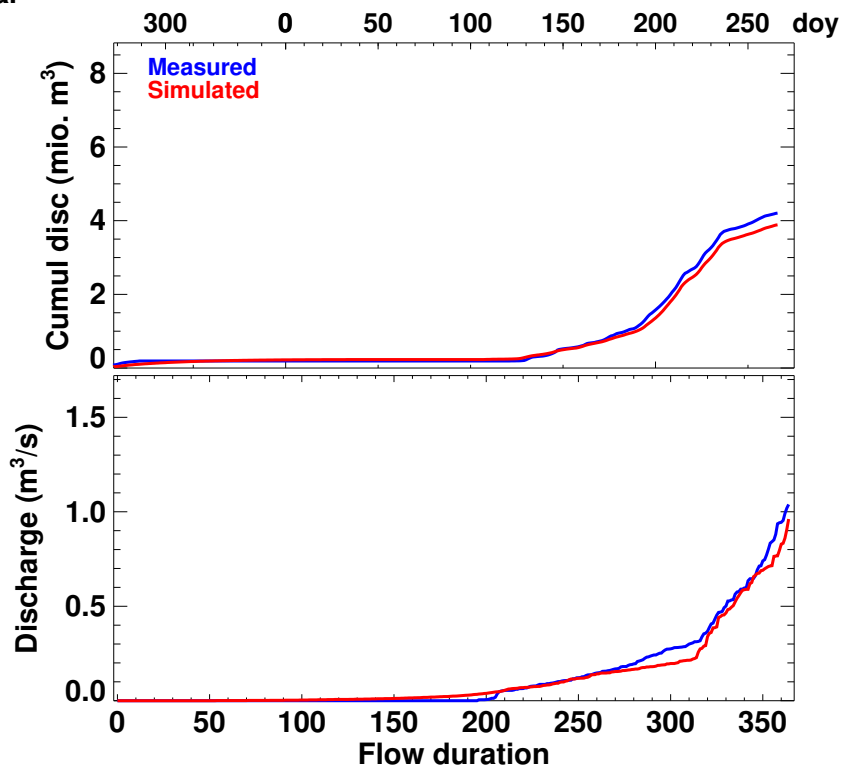
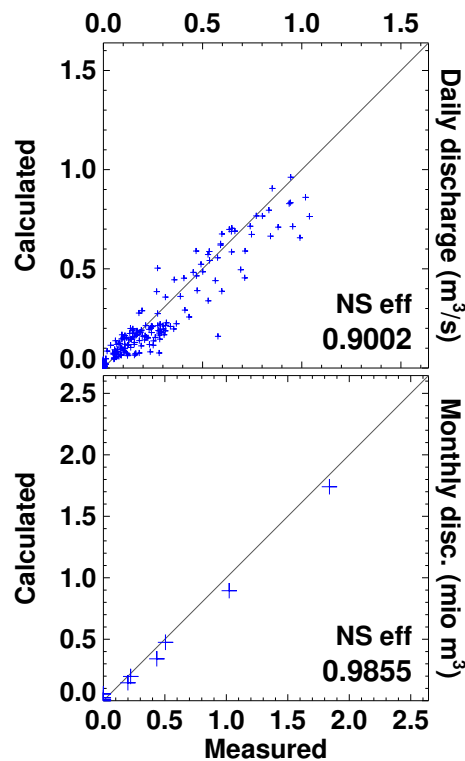
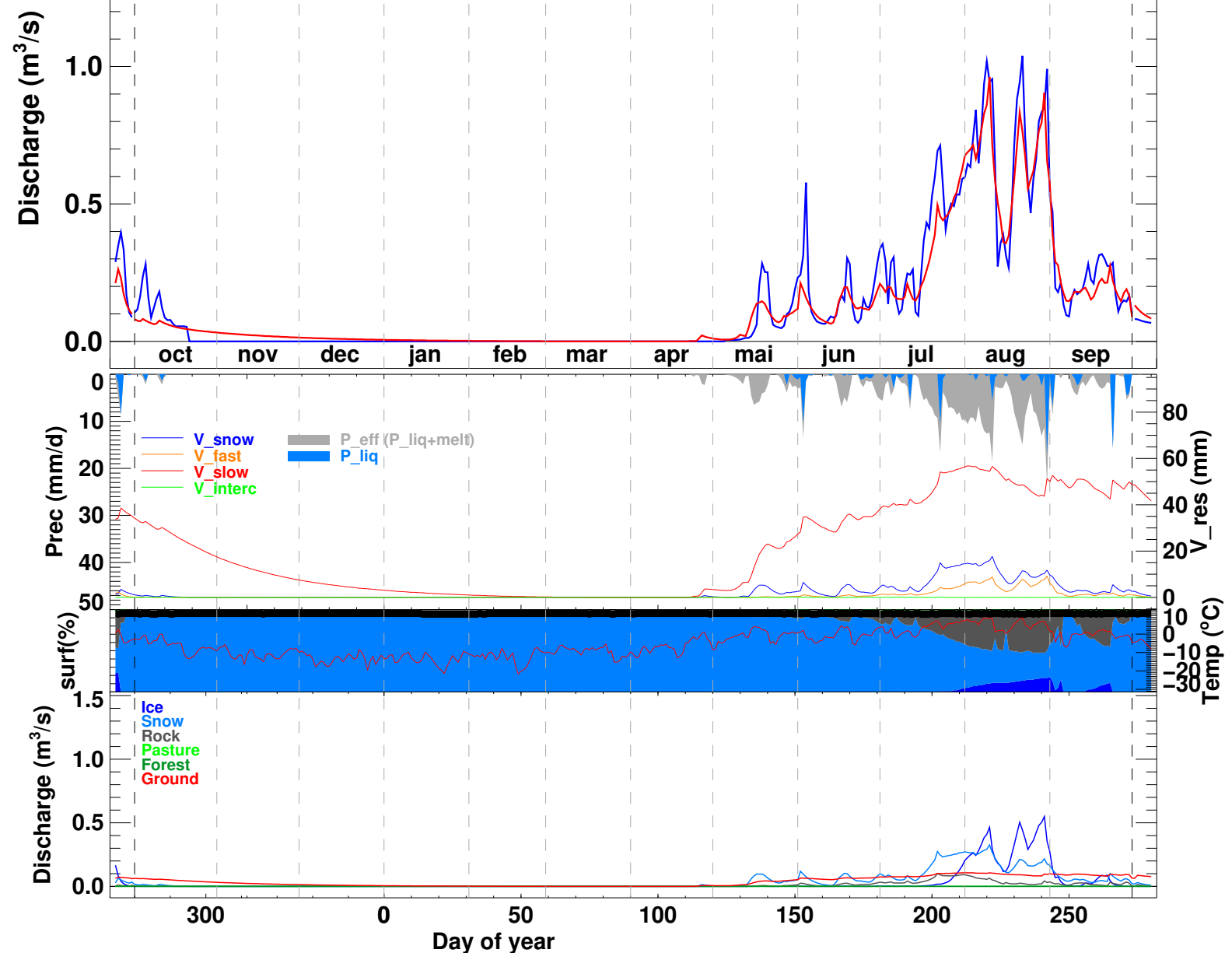


Weingartengletscher (Rotbach)

1991

1992

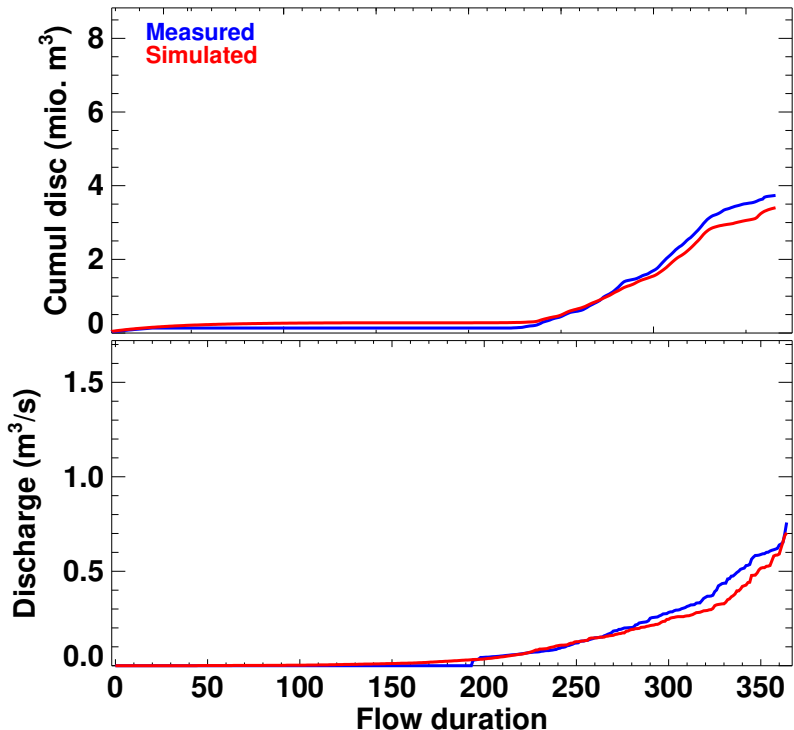
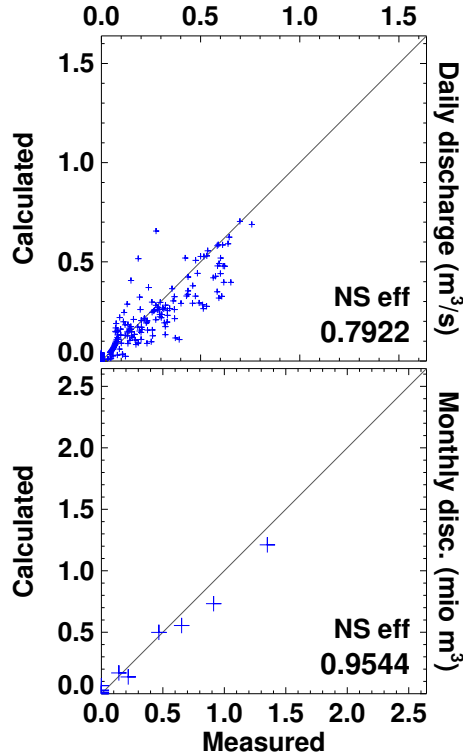
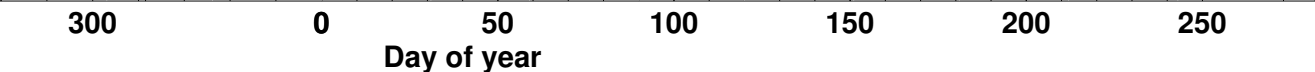
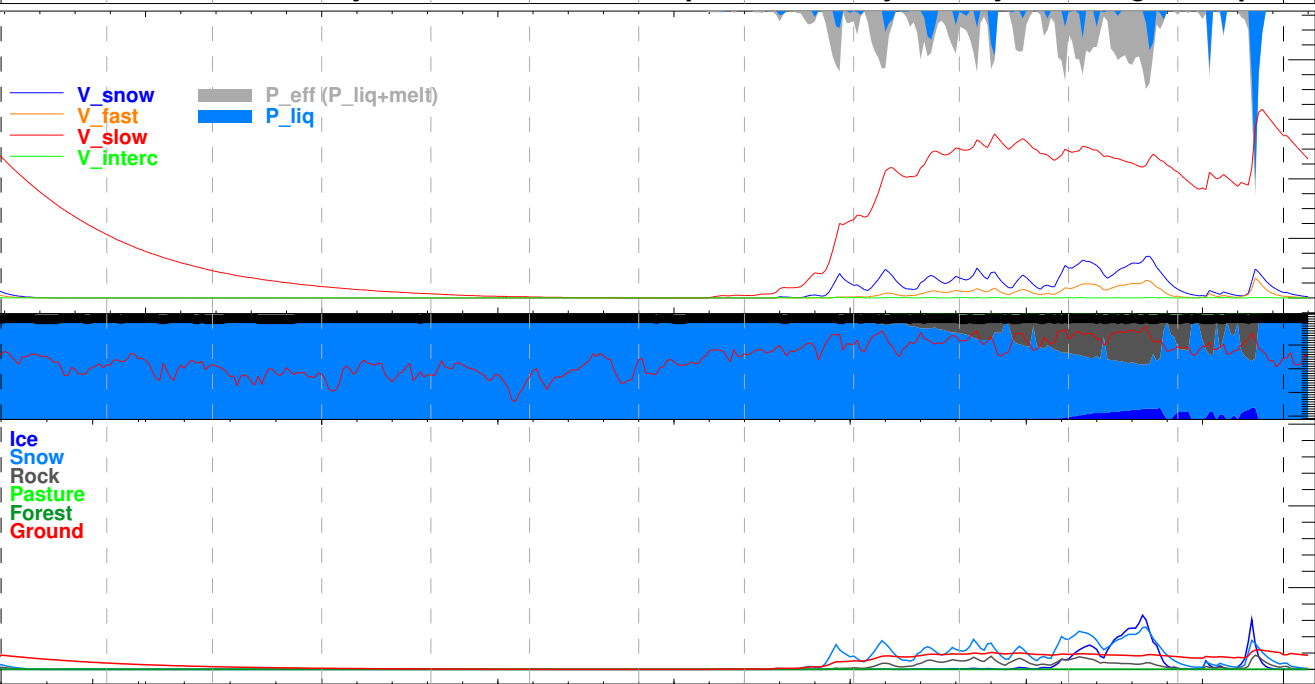
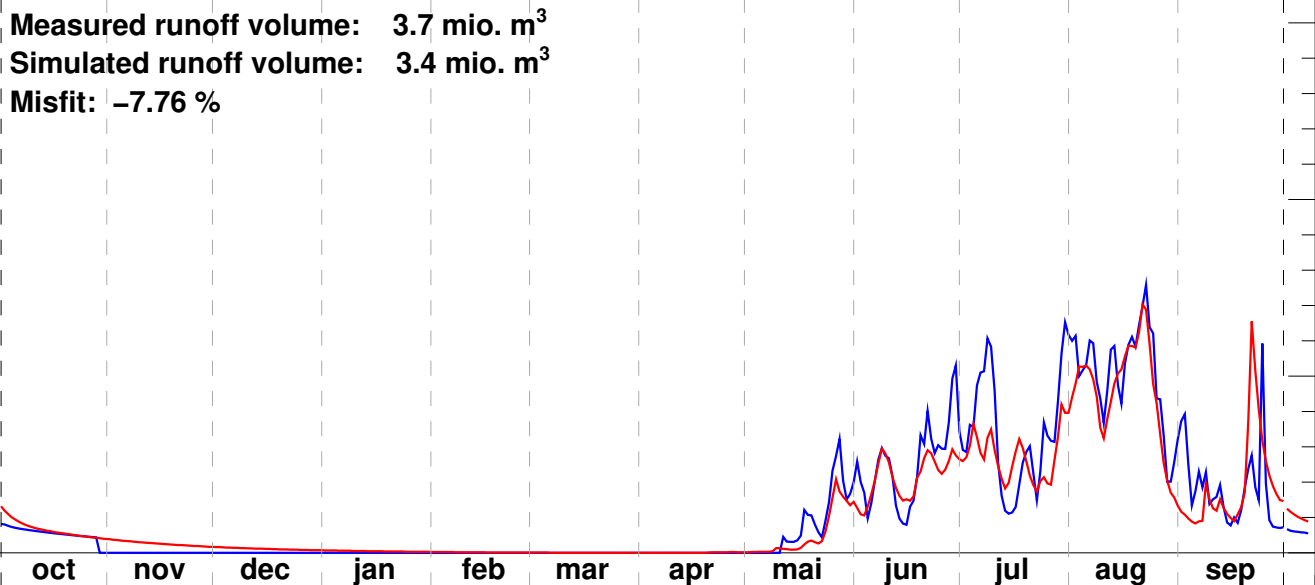
Measured runoff volume: 4.2 mio. m³
 Simulated runoff volume: 3.9 mio. m³
 Misfit: -7.28 %



1992

1993

Measured runoff volume: 3.7 mio. m³
Simulated runoff volume: 3.4 mio. m³
Misfit: -7.76 %

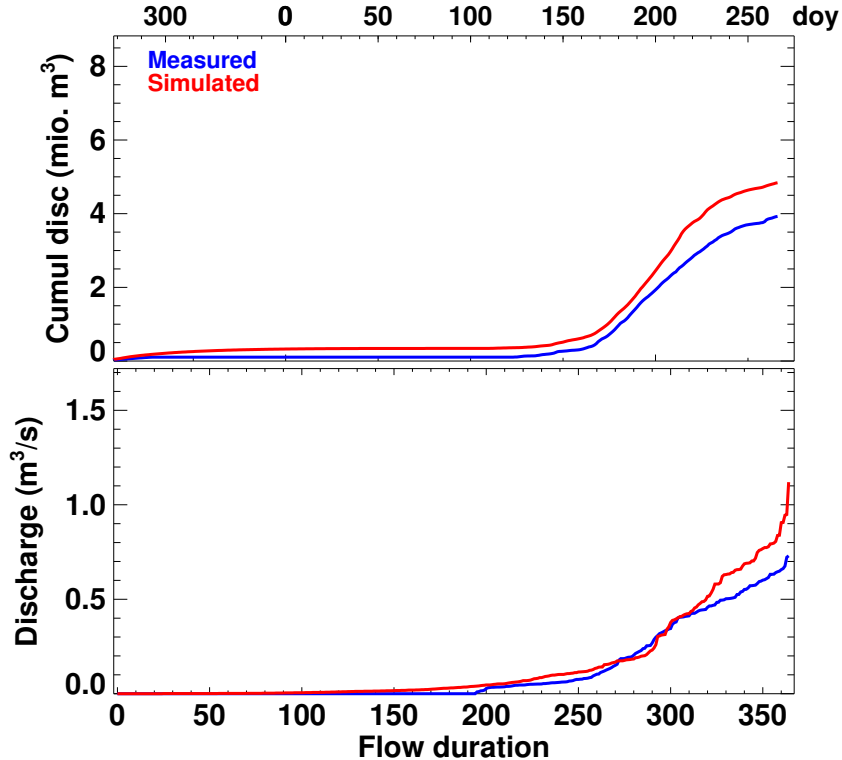
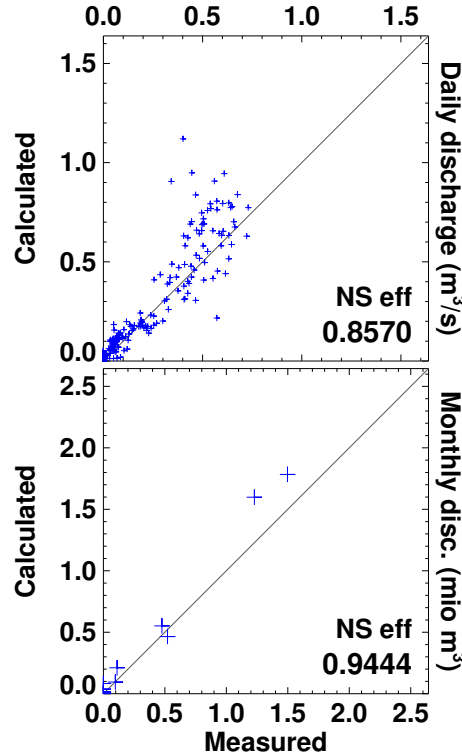
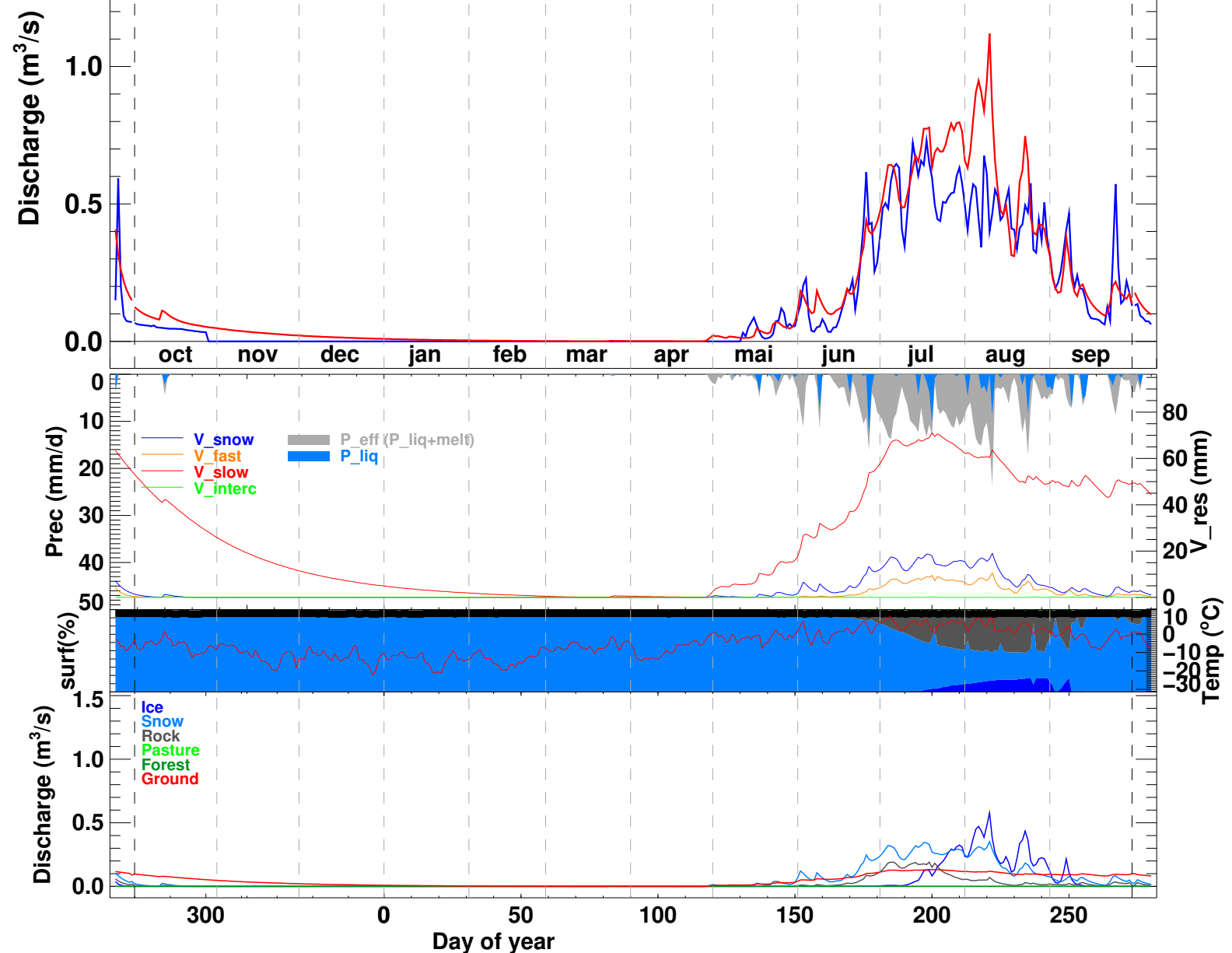


Weingartengletscher (Rotbach)

1993

1994

Measured runoff volume: 3.9 mio. m³
 Simulated runoff volume: 4.9 mio. m³
 Misfit: 24.41 %



Weingartengletscher (Rotbach)

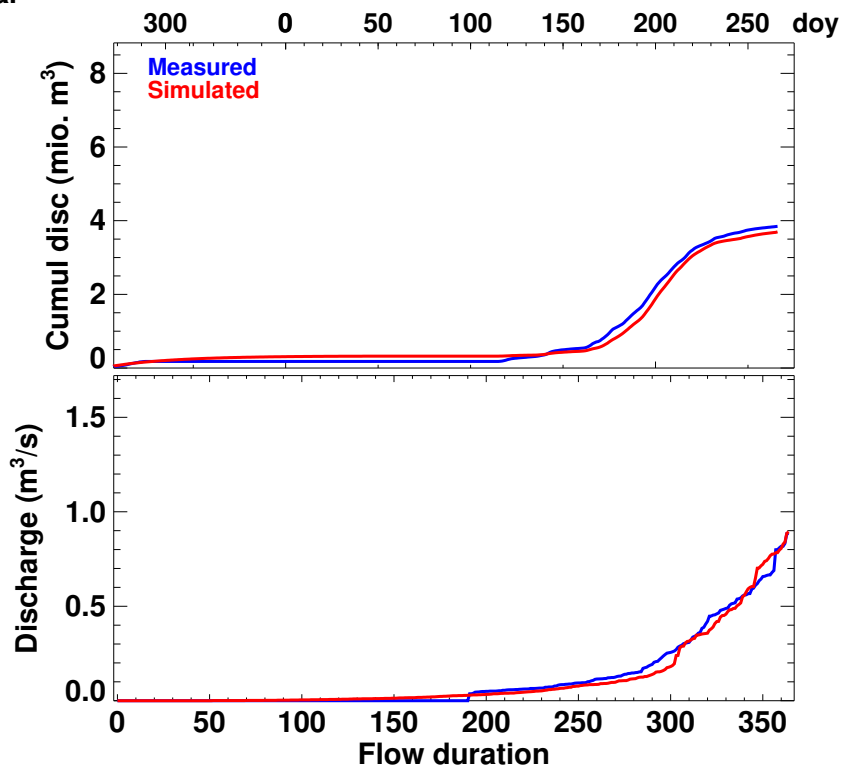
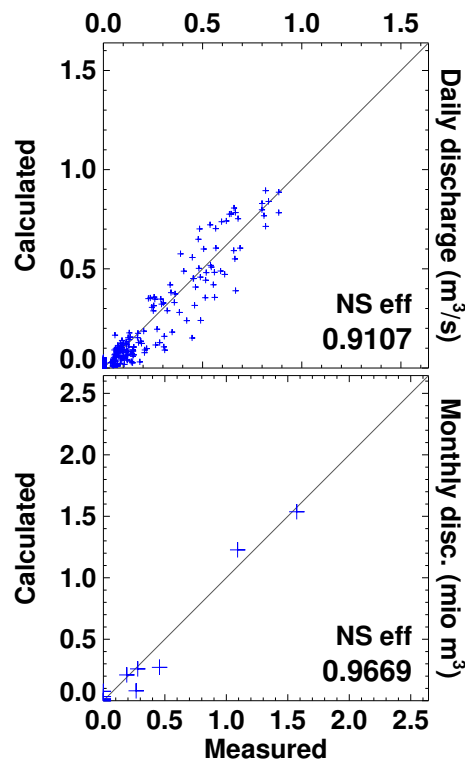
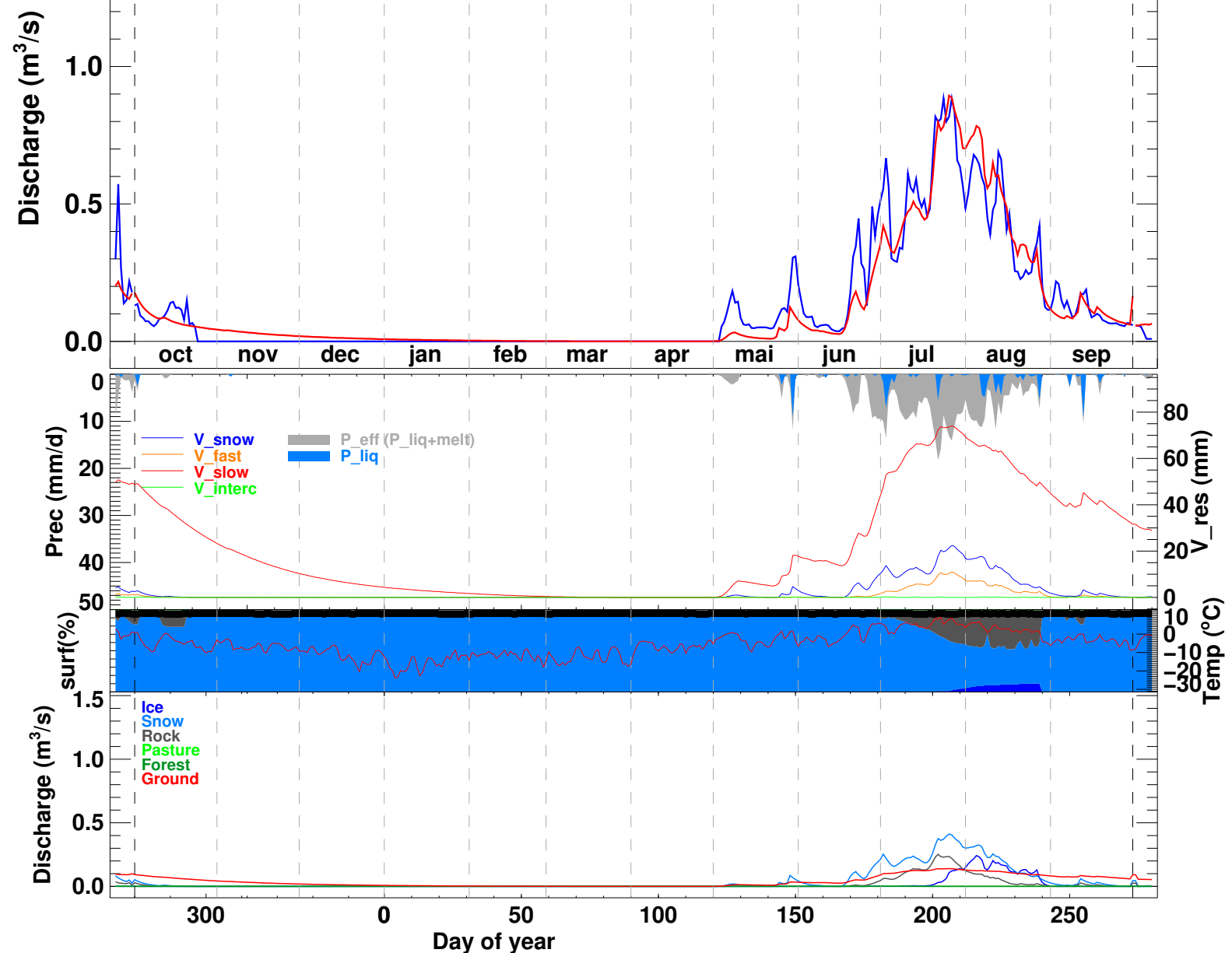
1994

1995

Measured runoff volume: 3.9 mio. m³

Simulated runoff volume: 3.7 mio. m³

Misfit: -4.80 %

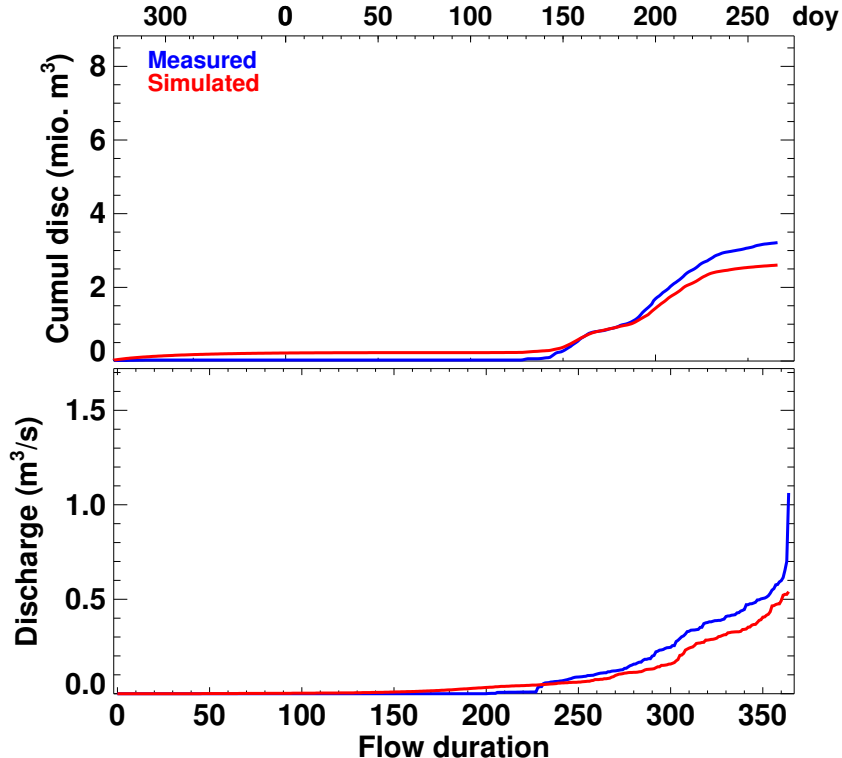
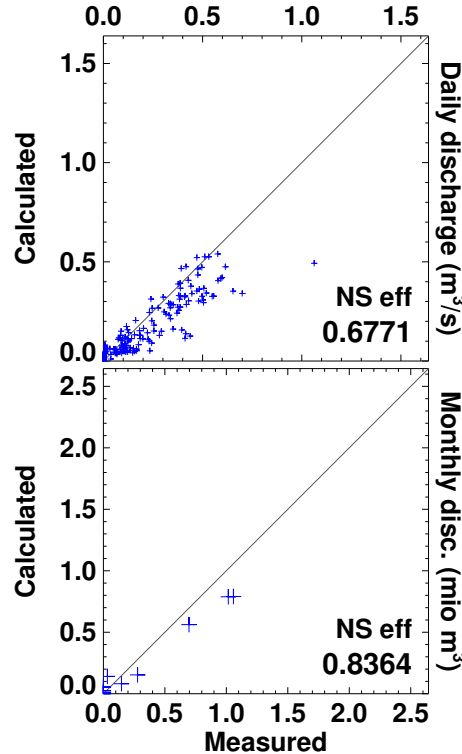
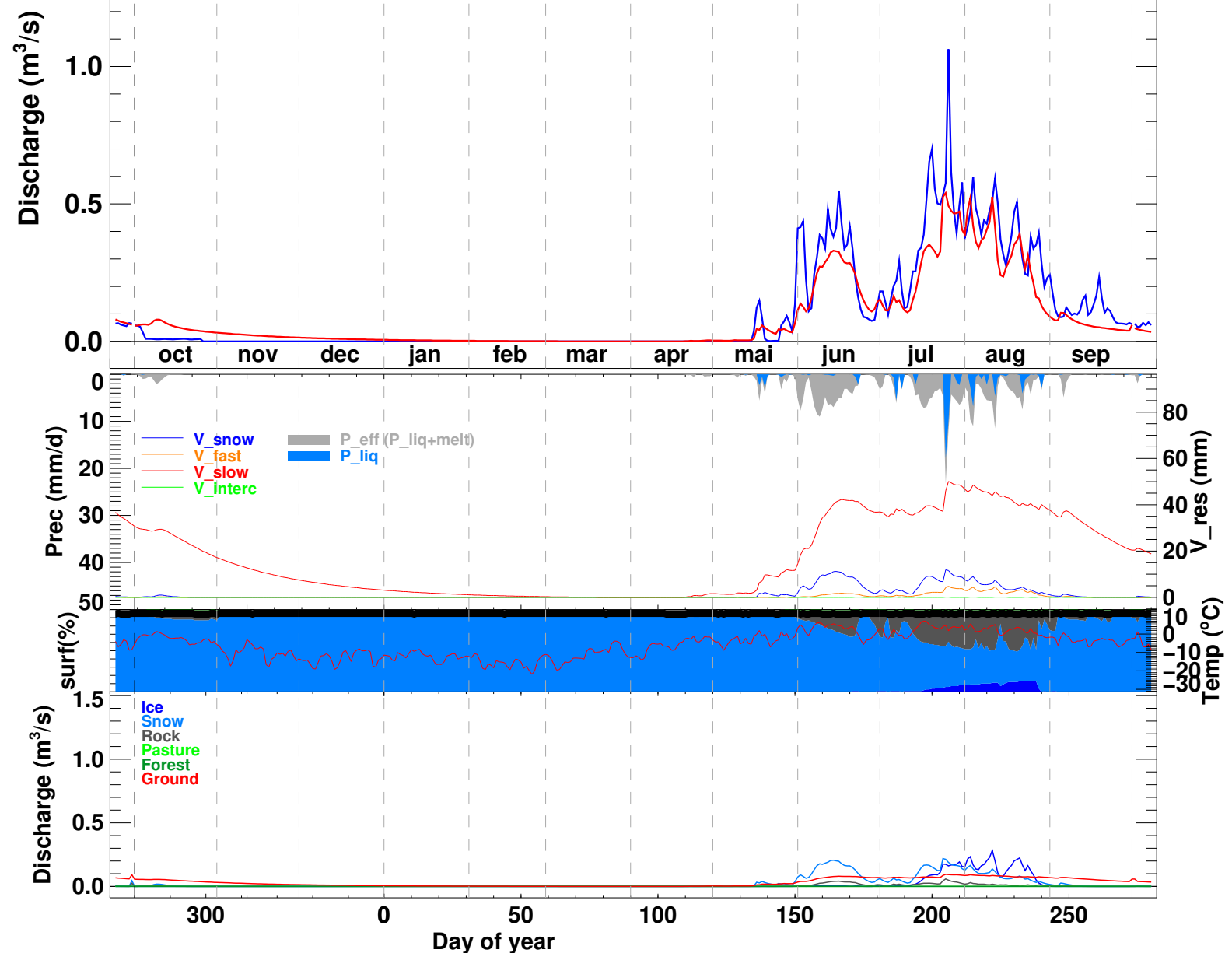


Weingartengletscher (Rotbach)

1995

1996

Measured runoff volume: 3.2 mio. m³
 Simulated runoff volume: 2.6 mio. m³
 Misfit: -18.42 %

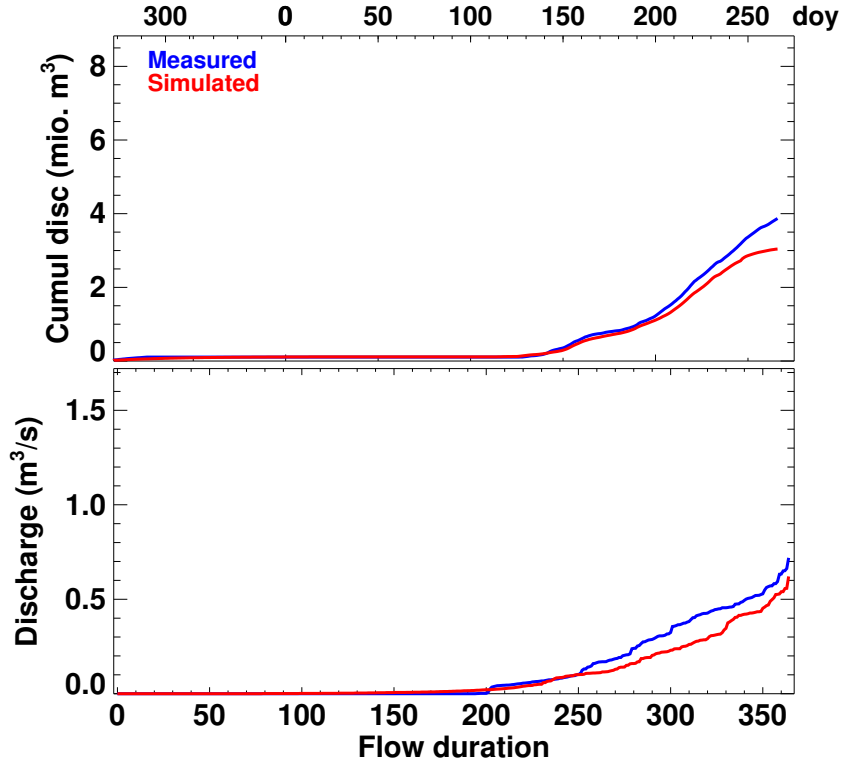
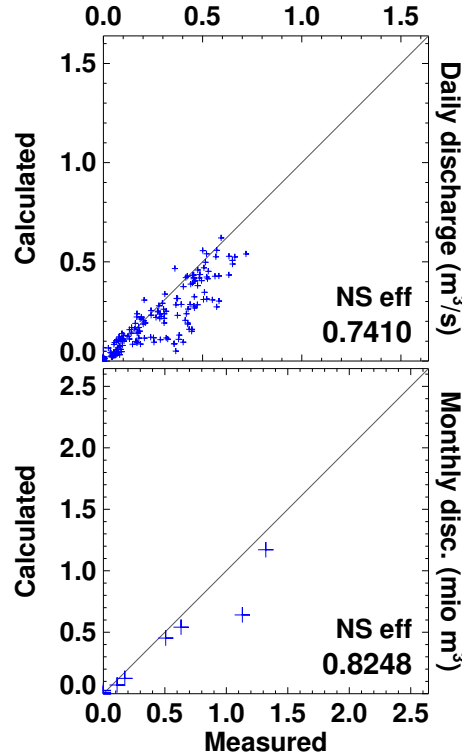
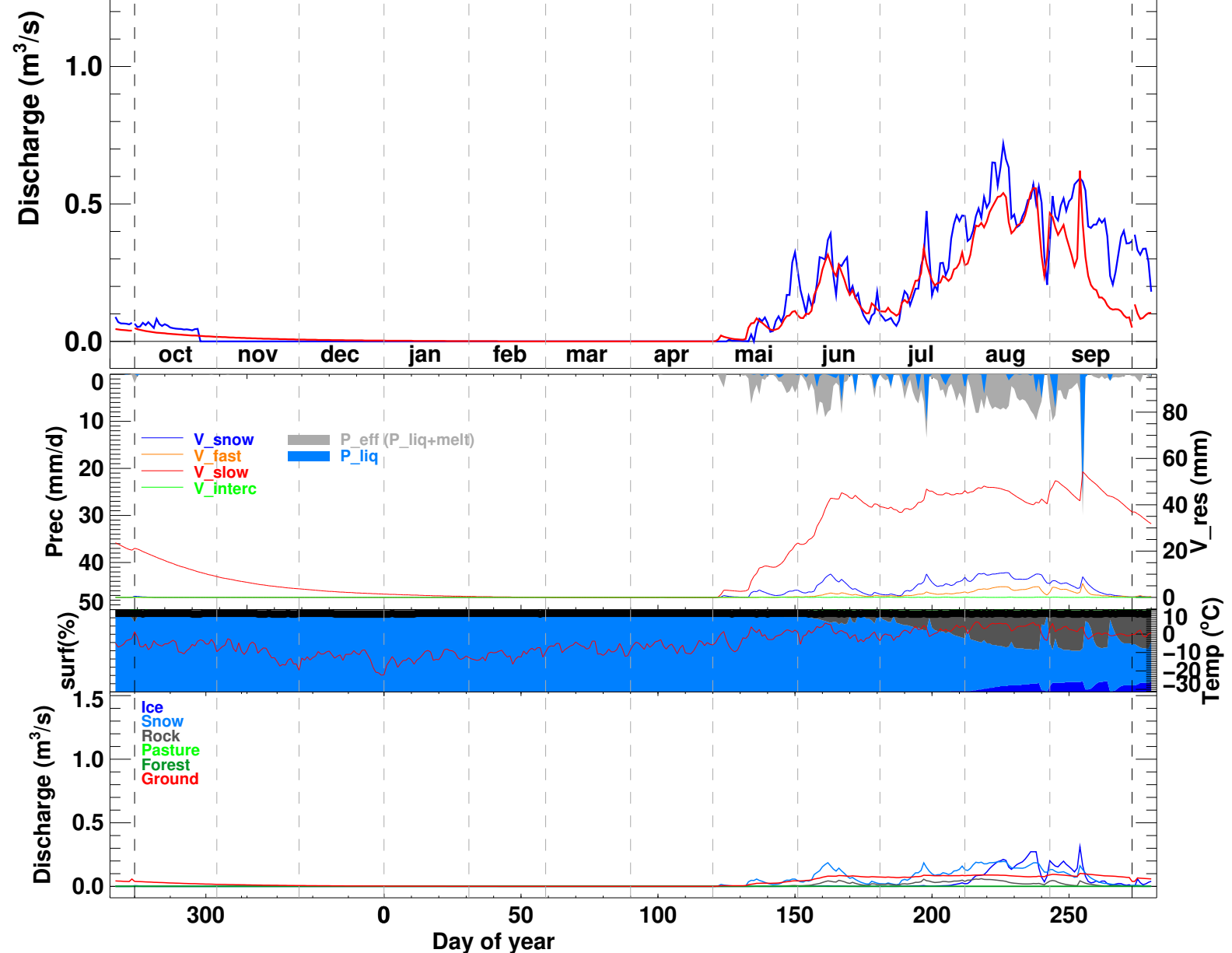


Weingartengletscher (Rotbach)

1996

1997

Measured runoff volume: 3.9 mio. m³
 Simulated runoff volume: 3.0 mio. m³
 Misfit: -21.94 %



Weingartengletscher (Rotbach)

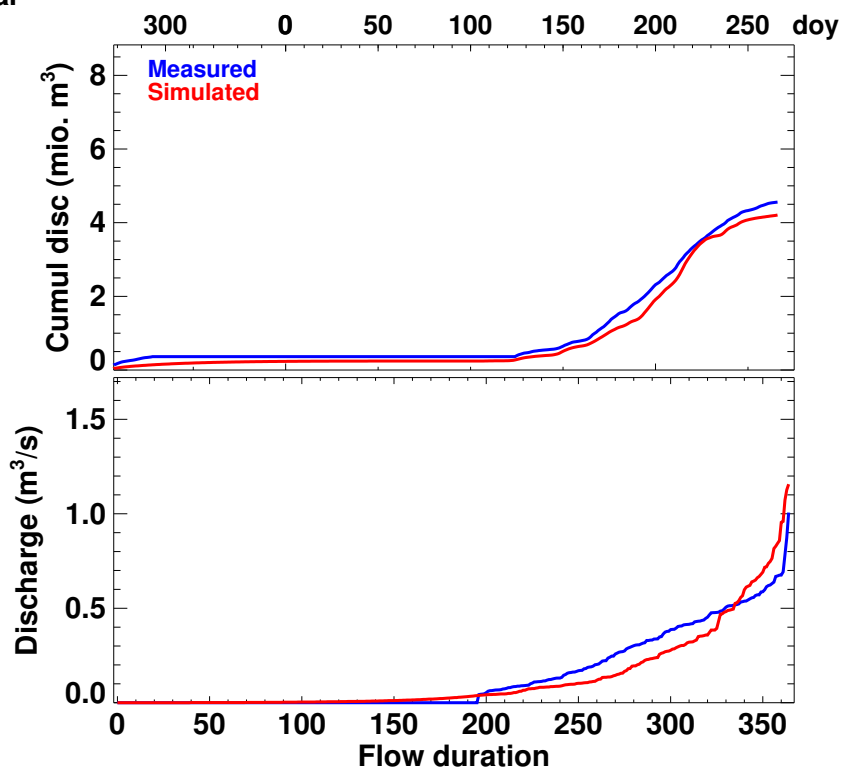
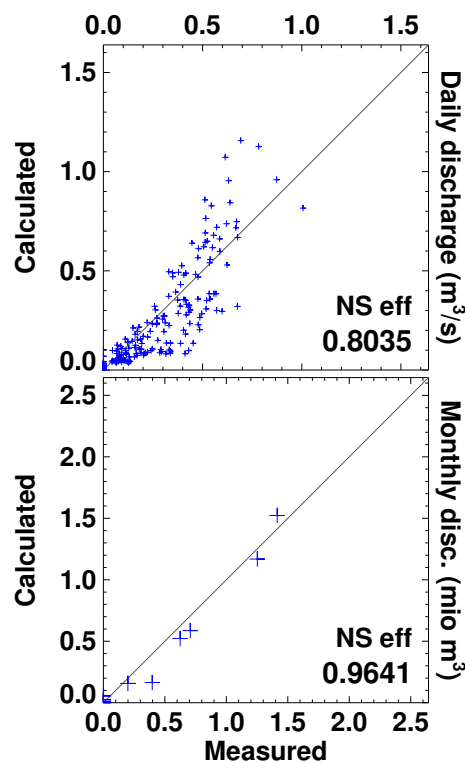
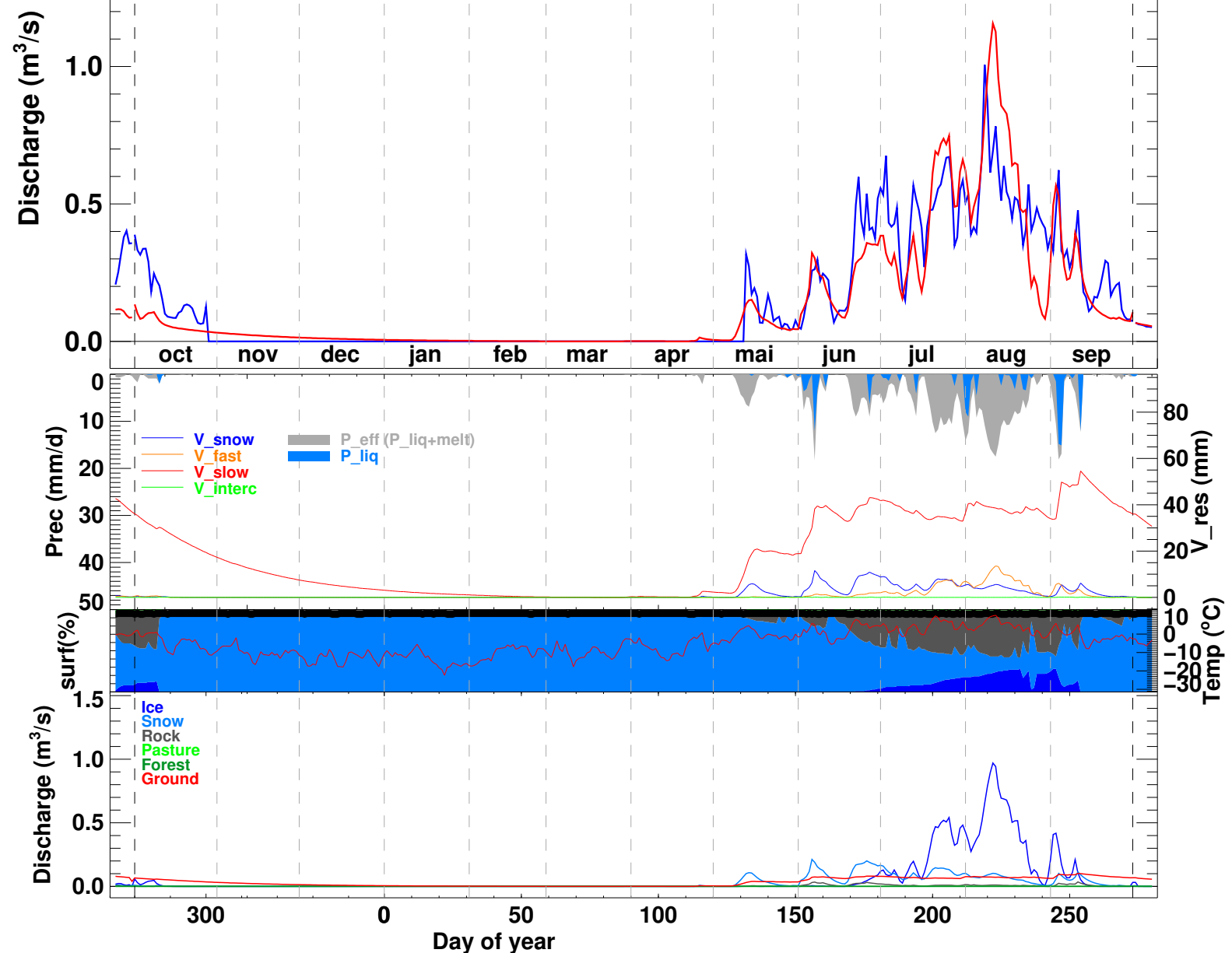
1997

1998

Measured runoff volume: 4.6 mio. m³

Simulated runoff volume: 4.2 mio. m³

Misfit: -8.27 %



Weingartengletscher (Rotbach)

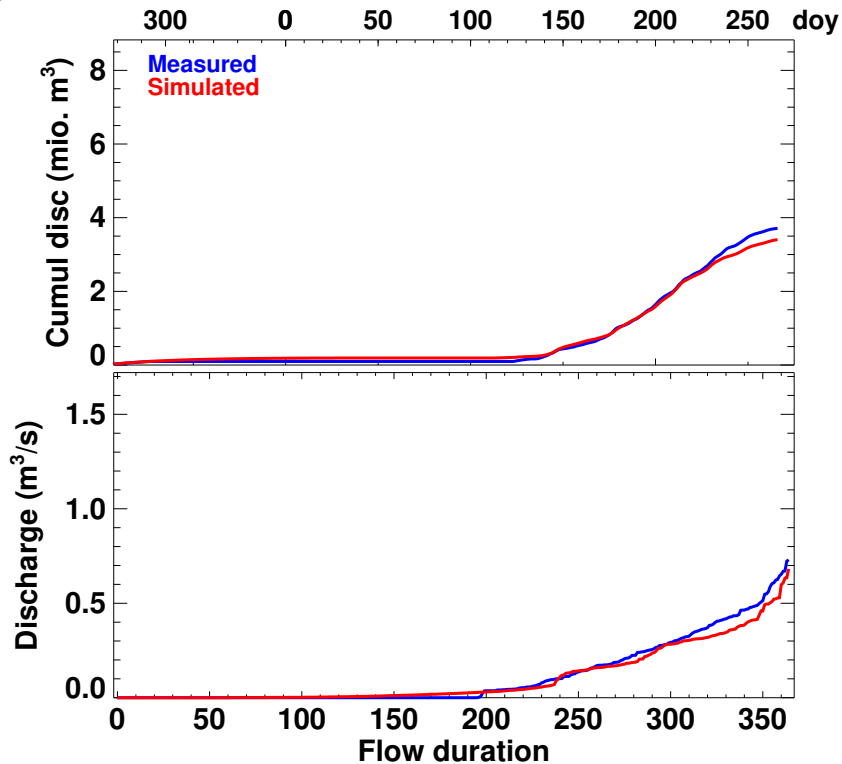
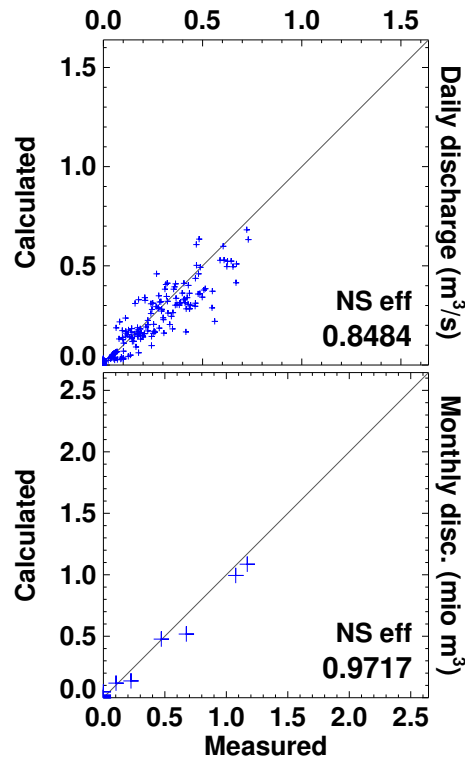
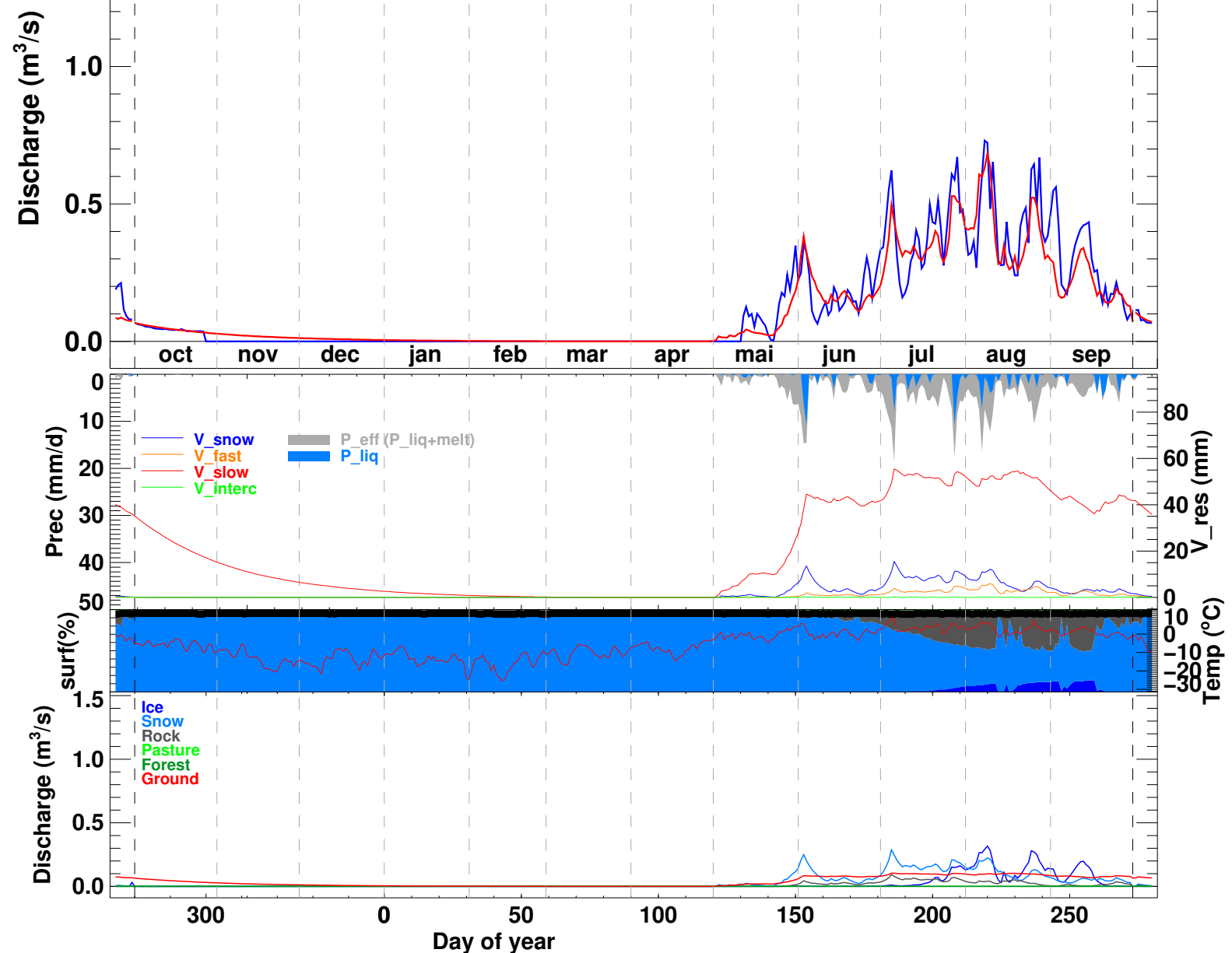
1998

1999

Measured runoff volume: 3.7 mio. m³

Simulated runoff volume: 3.4 mio. m³

Misfit: -7.84 %

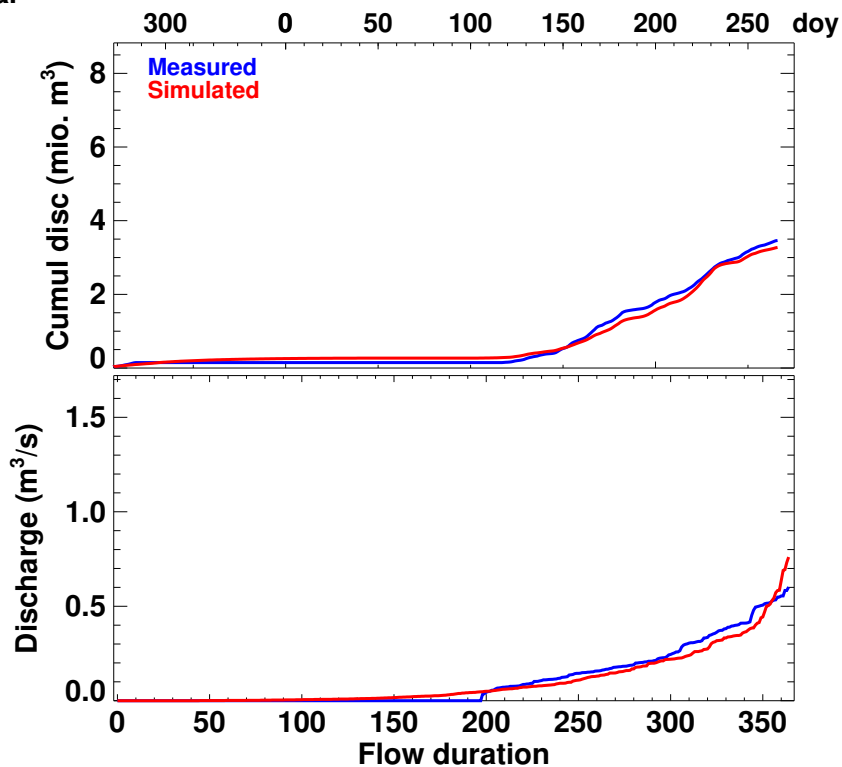
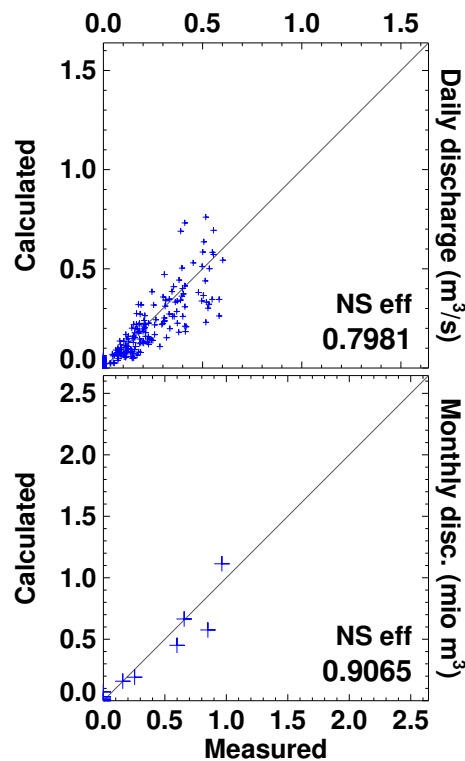
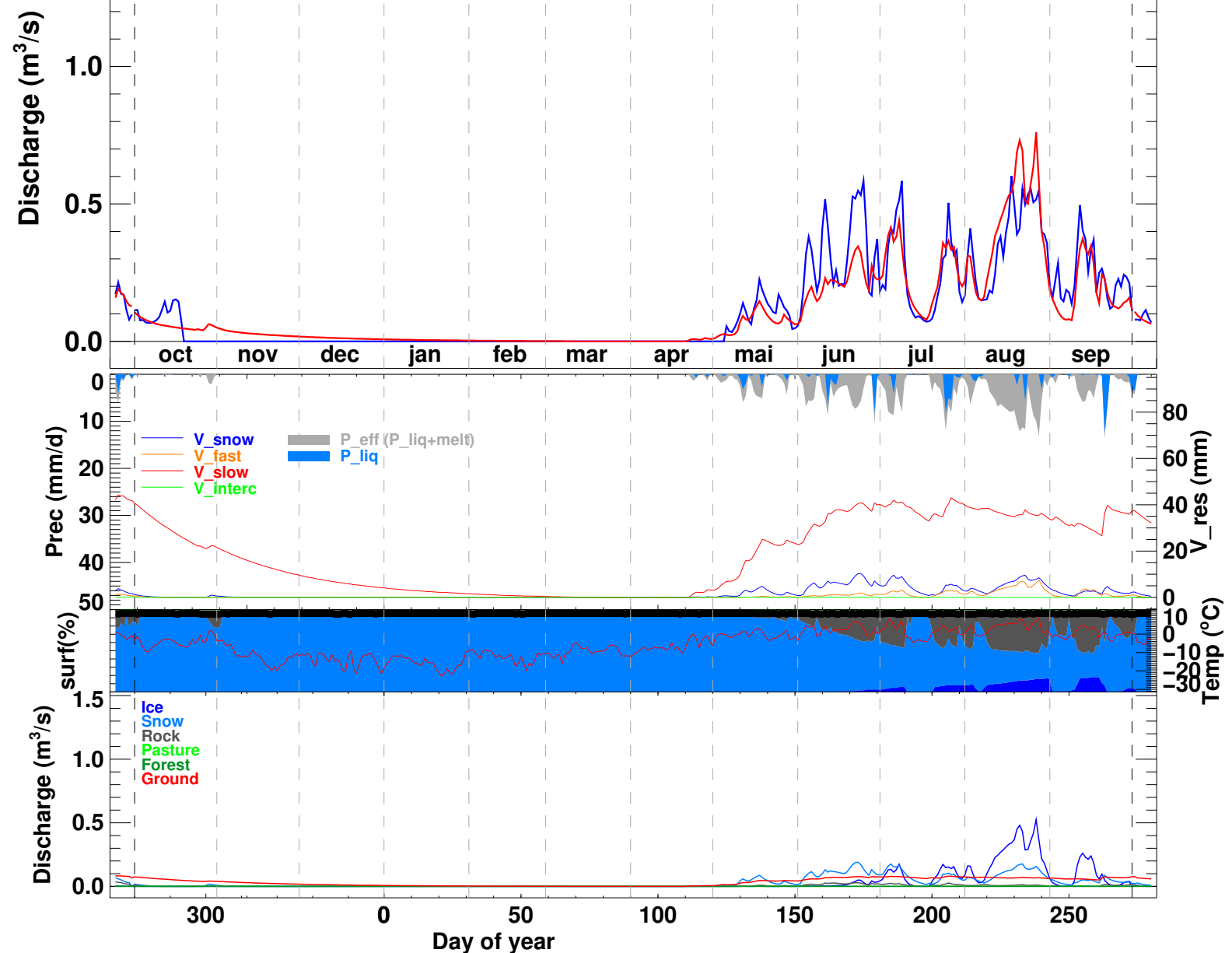


Weingartengletscher (Rotbach)

1999

2000

Measured runoff volume: 3.5 mio. m³
 Simulated runoff volume: 3.3 mio. m³
 Misfit: -6.21 %

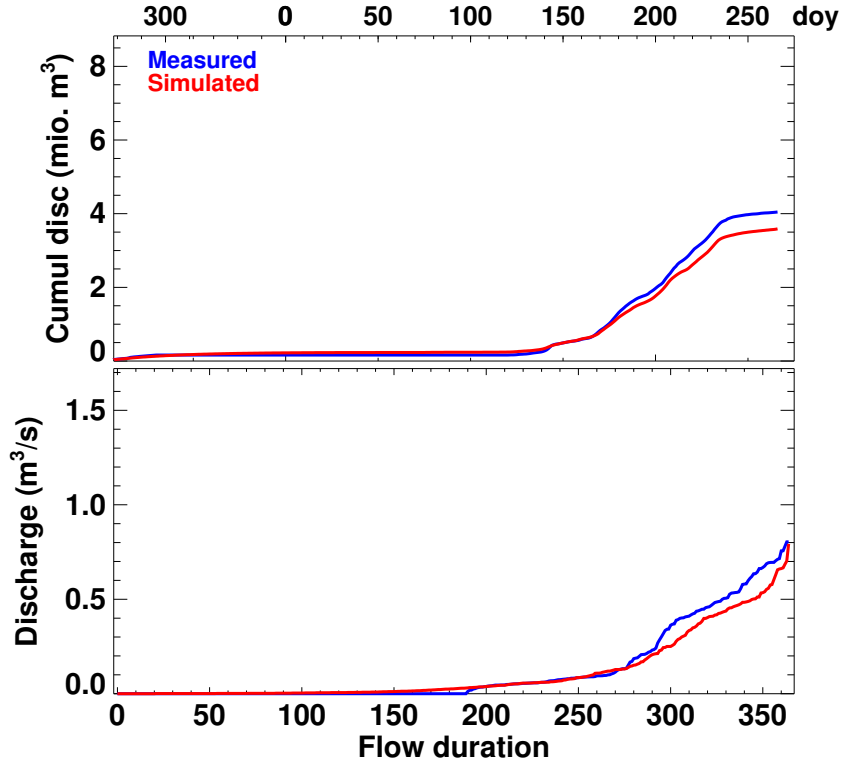
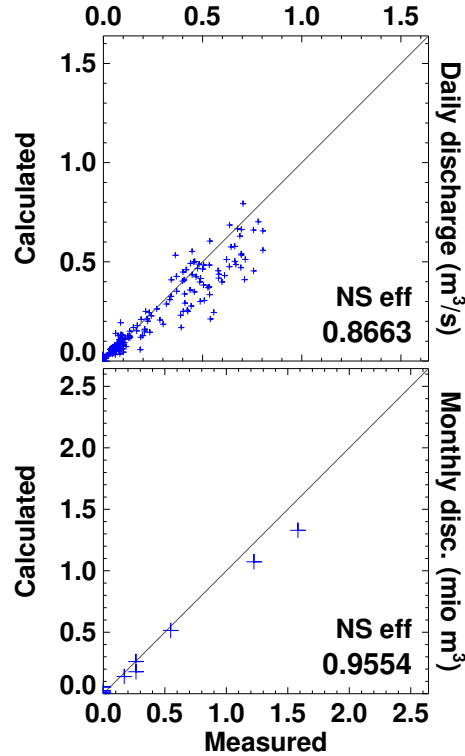
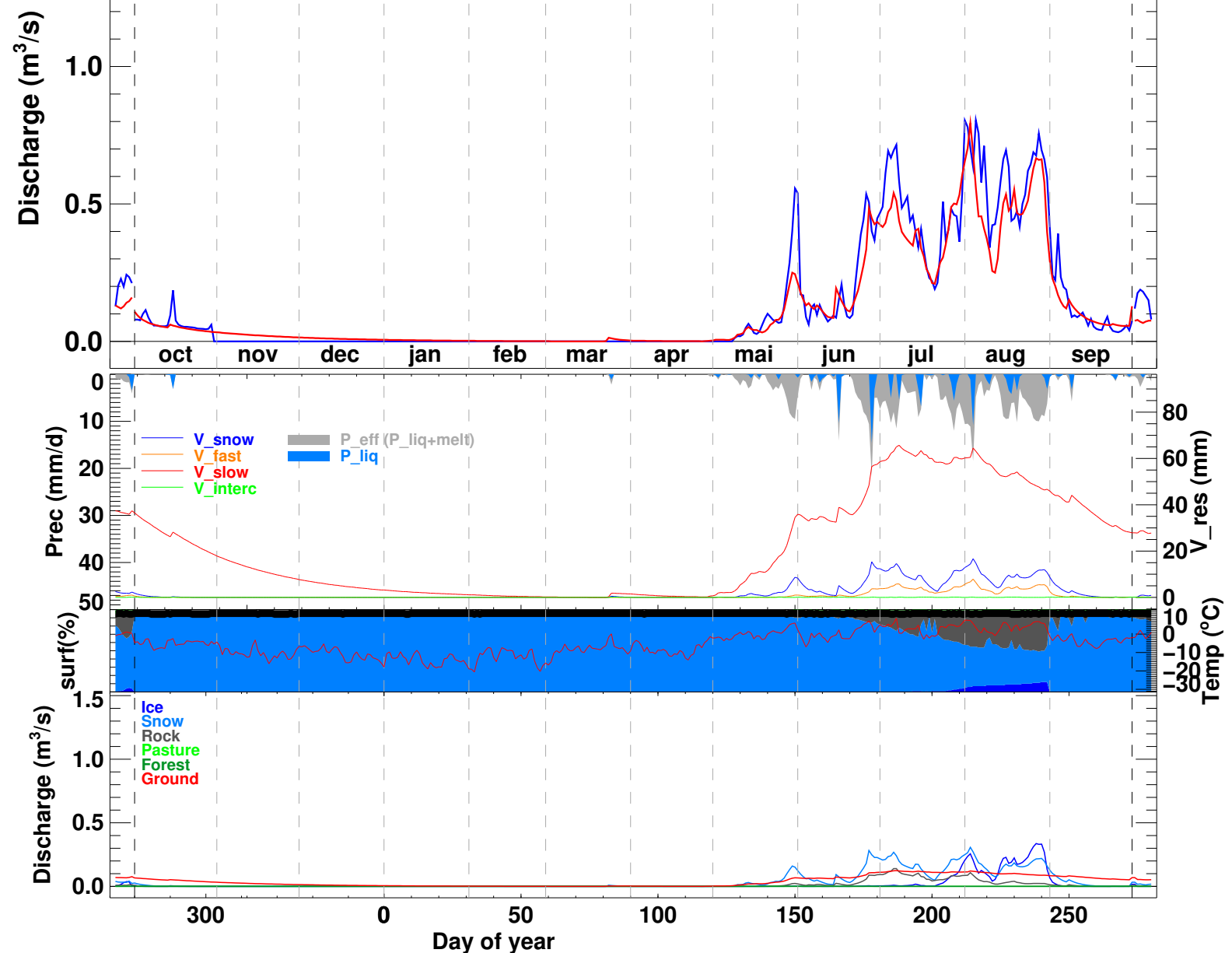


Weingartengletscher (Rotbach)

2000

2001

Measured runoff volume: 4.1 mio. m³
 Simulated runoff volume: 3.6 mio. m³
 Misfit: -12.25 %

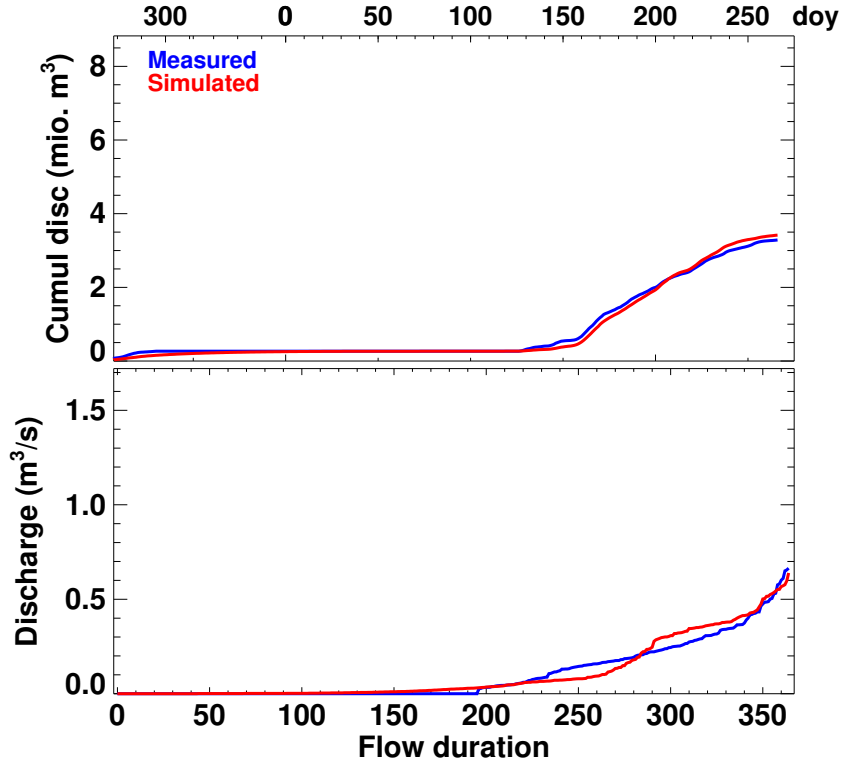
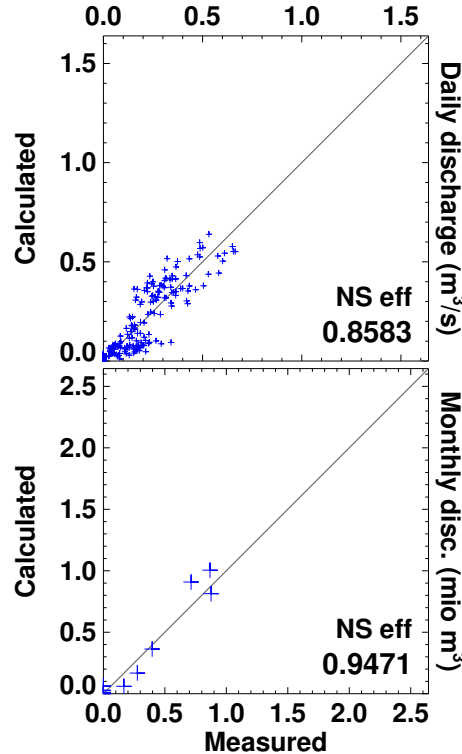
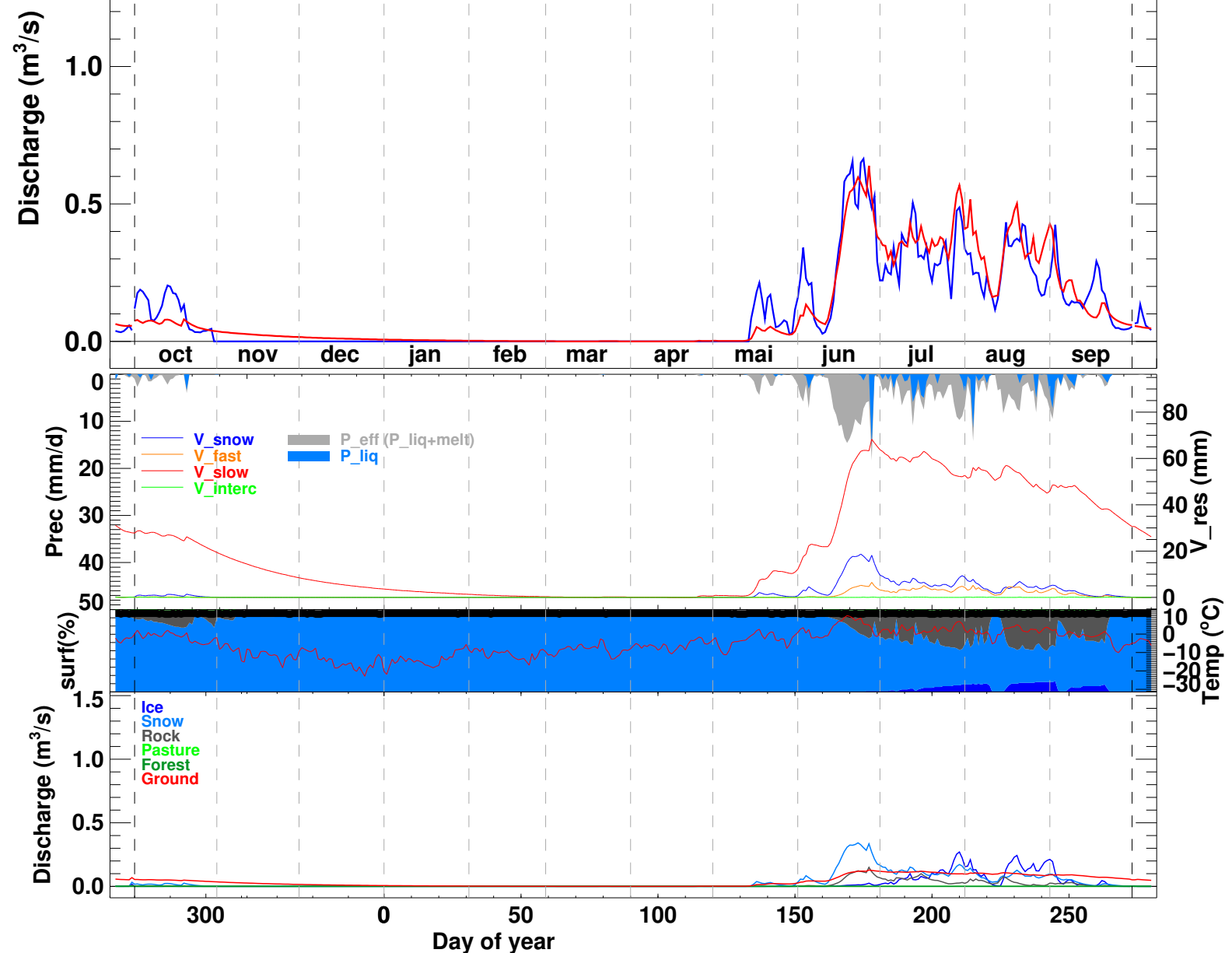


Weingartengletscher (Rotbach)

2001

2002

Measured runoff volume: 3.3 mio. m³
 Simulated runoff volume: 3.4 mio. m³
 Misfit: 3.77 %

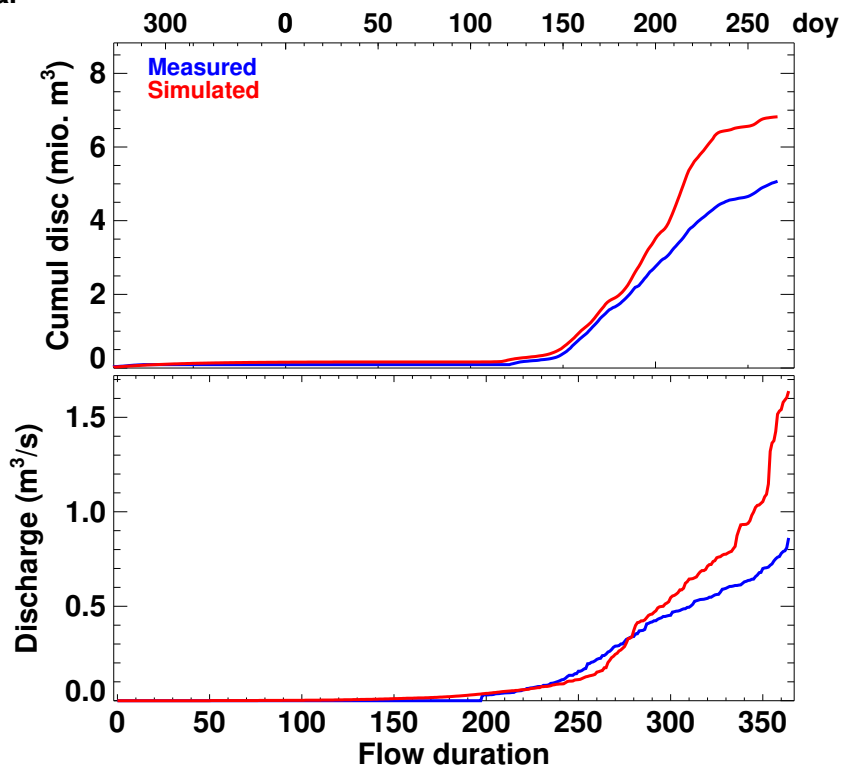
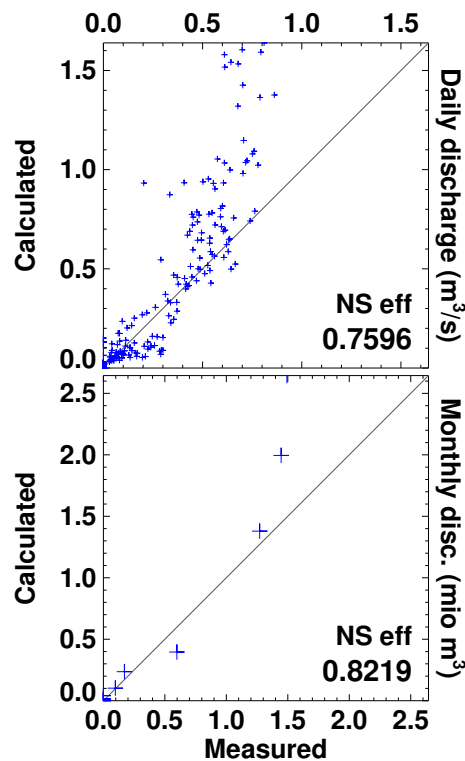
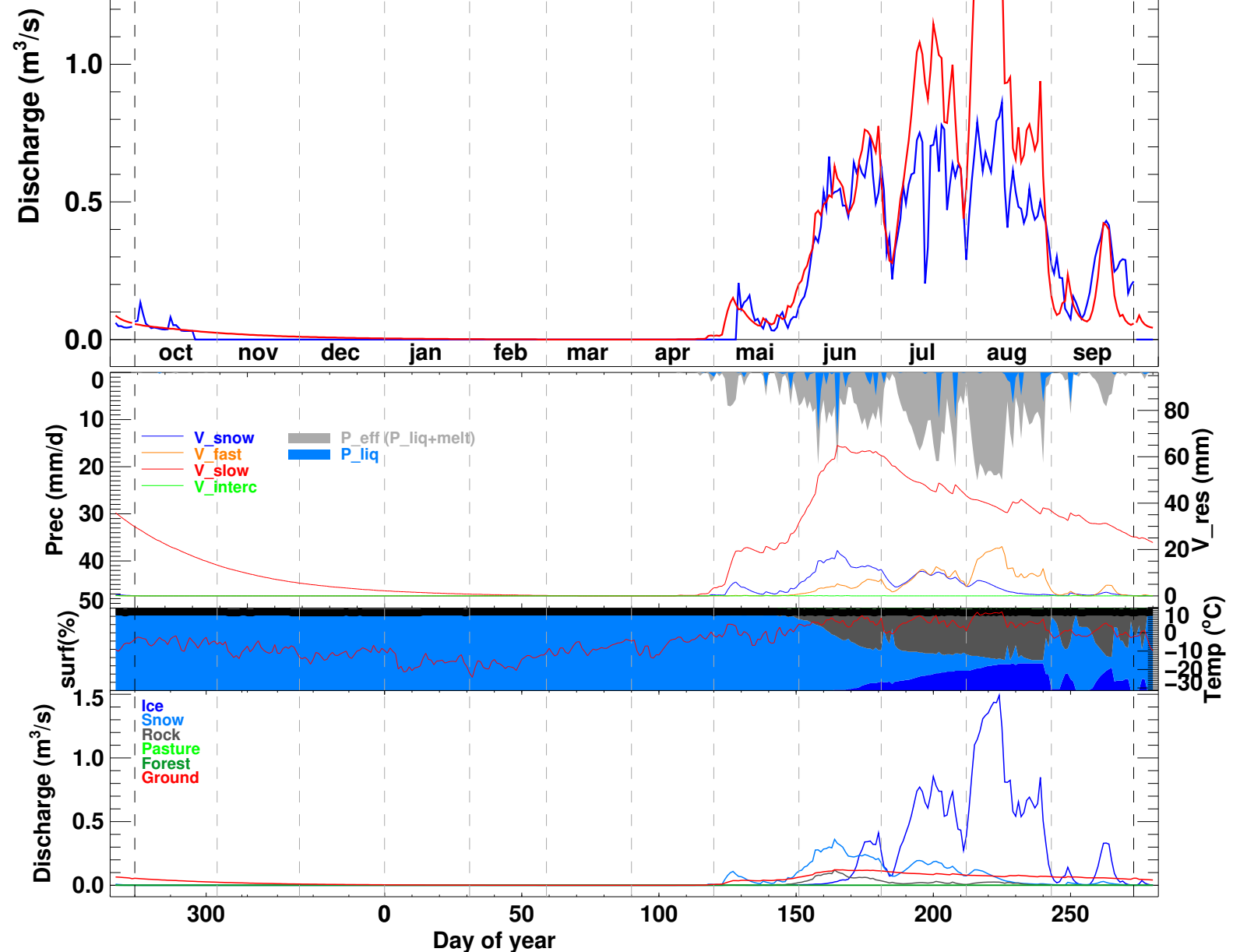


Weingartengletscher (Rotbach)

2002

2003

Measured runoff volume: 5.1 mio. m³
 Simulated runoff volume: 6.8 mio. m³
 Misfit: 33.85 %

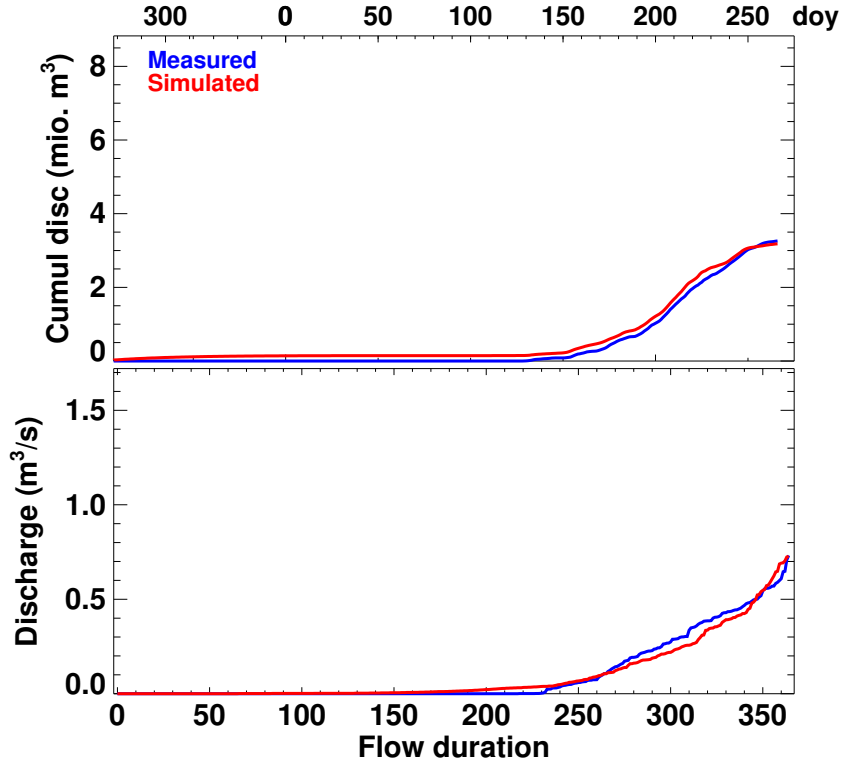
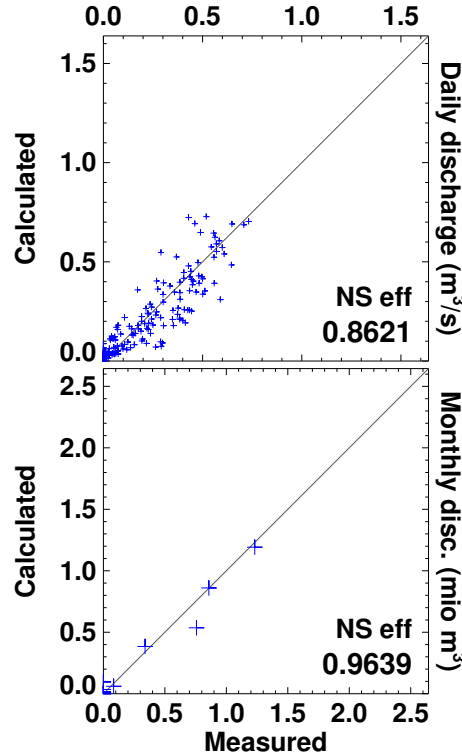
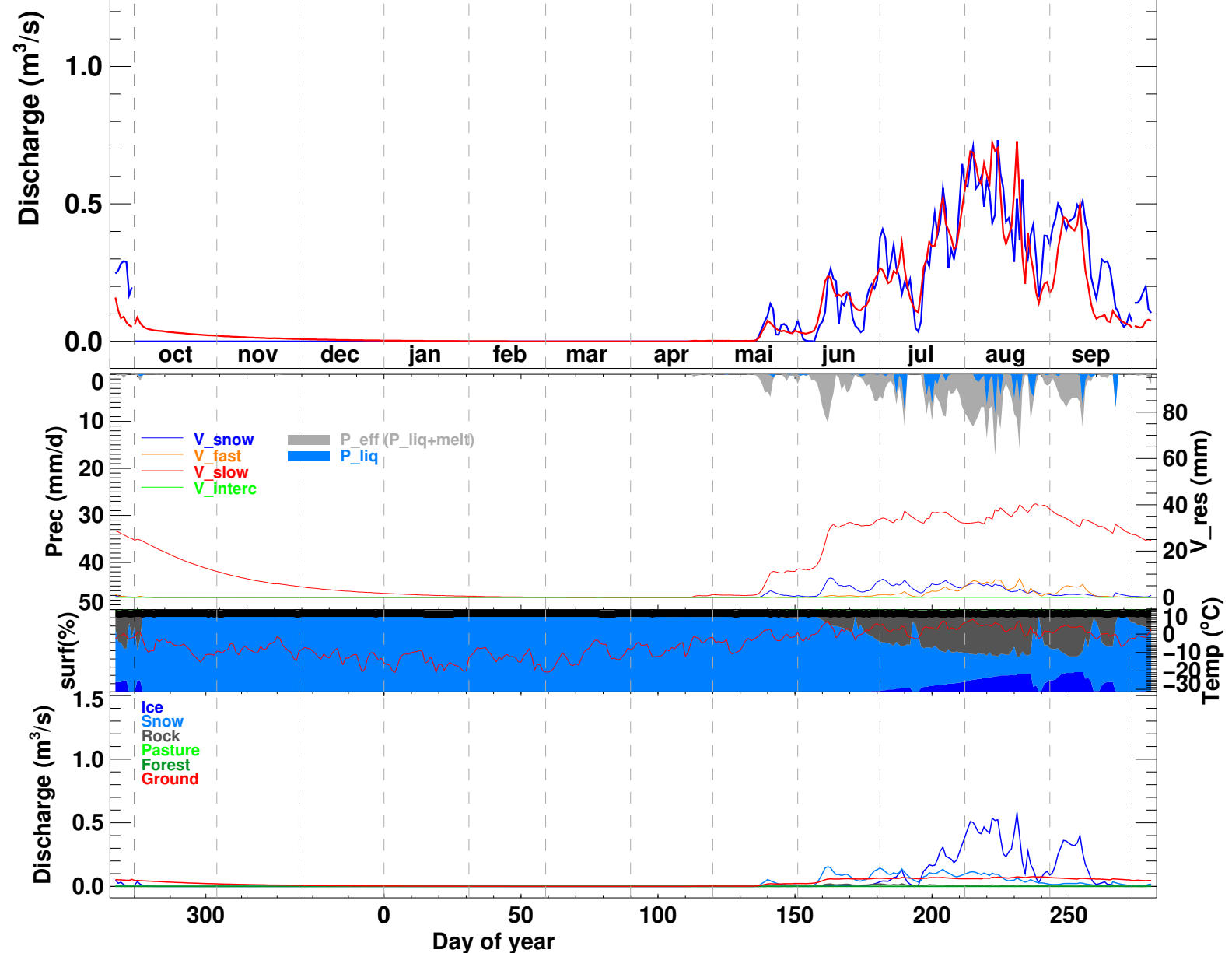


Weingartengletscher (Rotbach)

2003

2004

Measured runoff volume: 3.3 mio. m³
 Simulated runoff volume: 3.2 mio. m³
 Misfit: -3.44 %



Weingartengletscher (Rotbach)

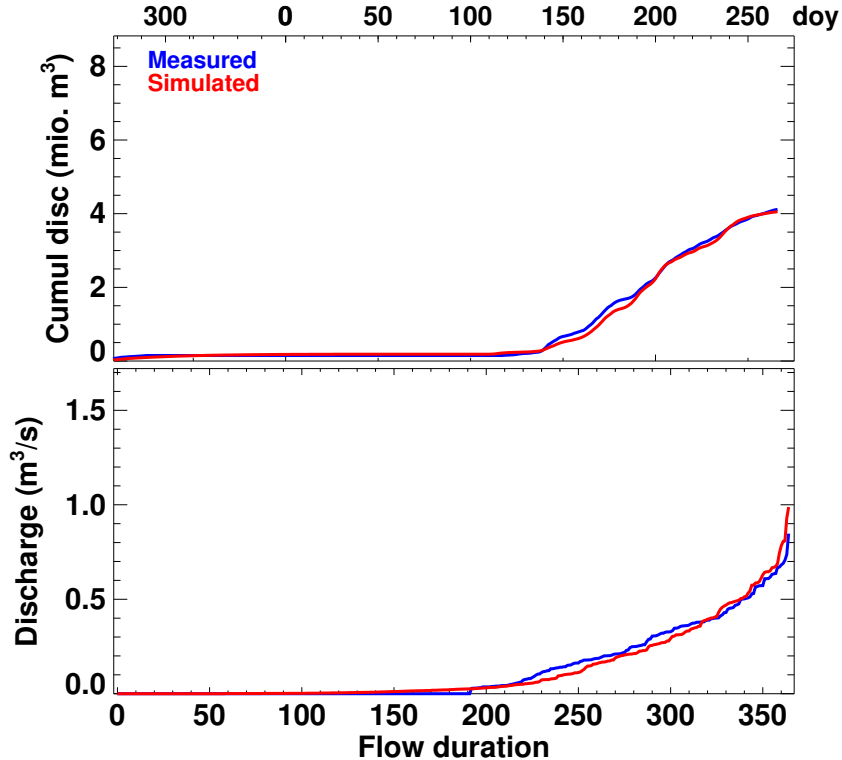
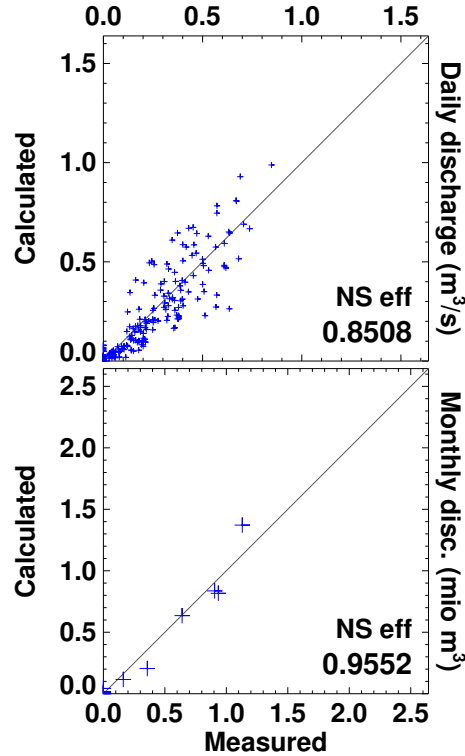
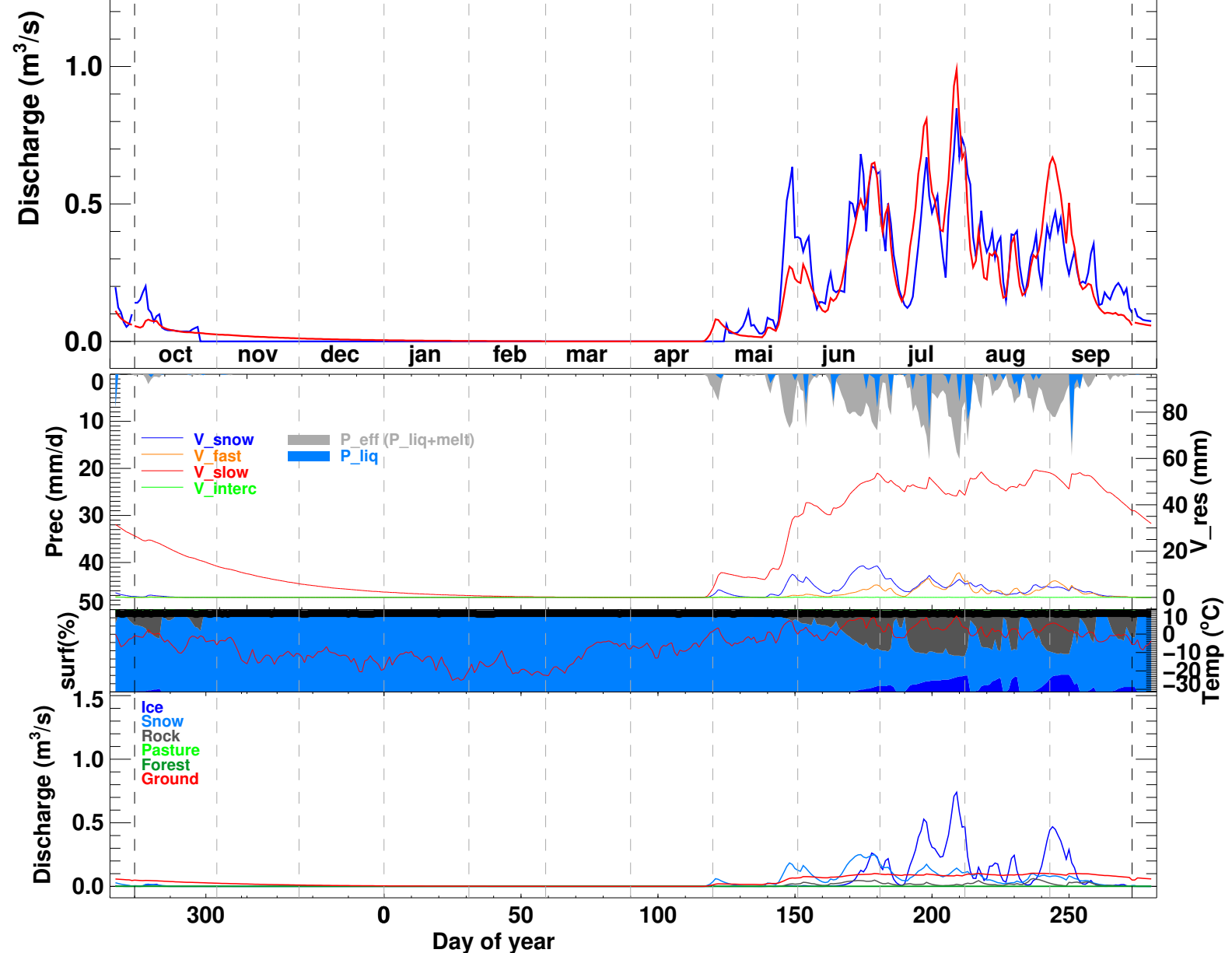
2004

2005

Measured runoff volume: 4.1 mio. m³

Simulated runoff volume: 4.1 mio. m³

Misfit: -1.02 %

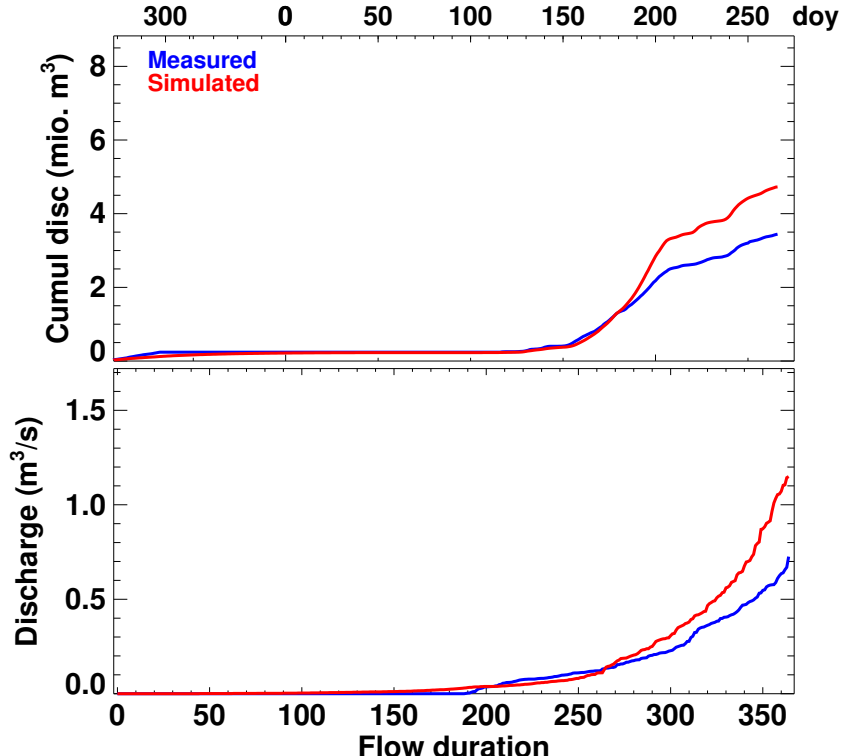
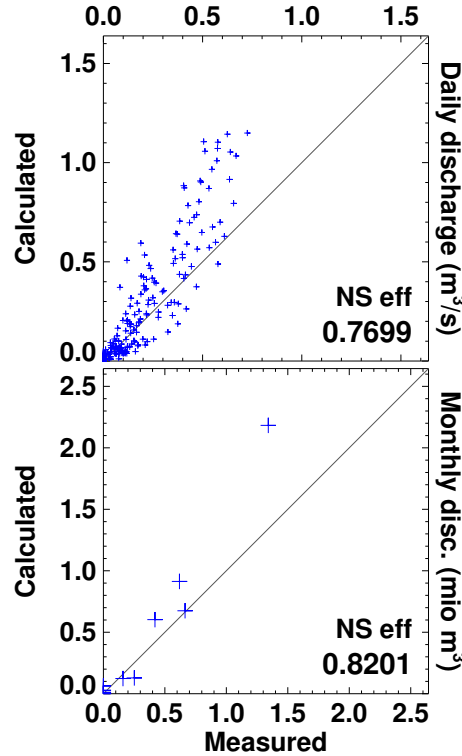
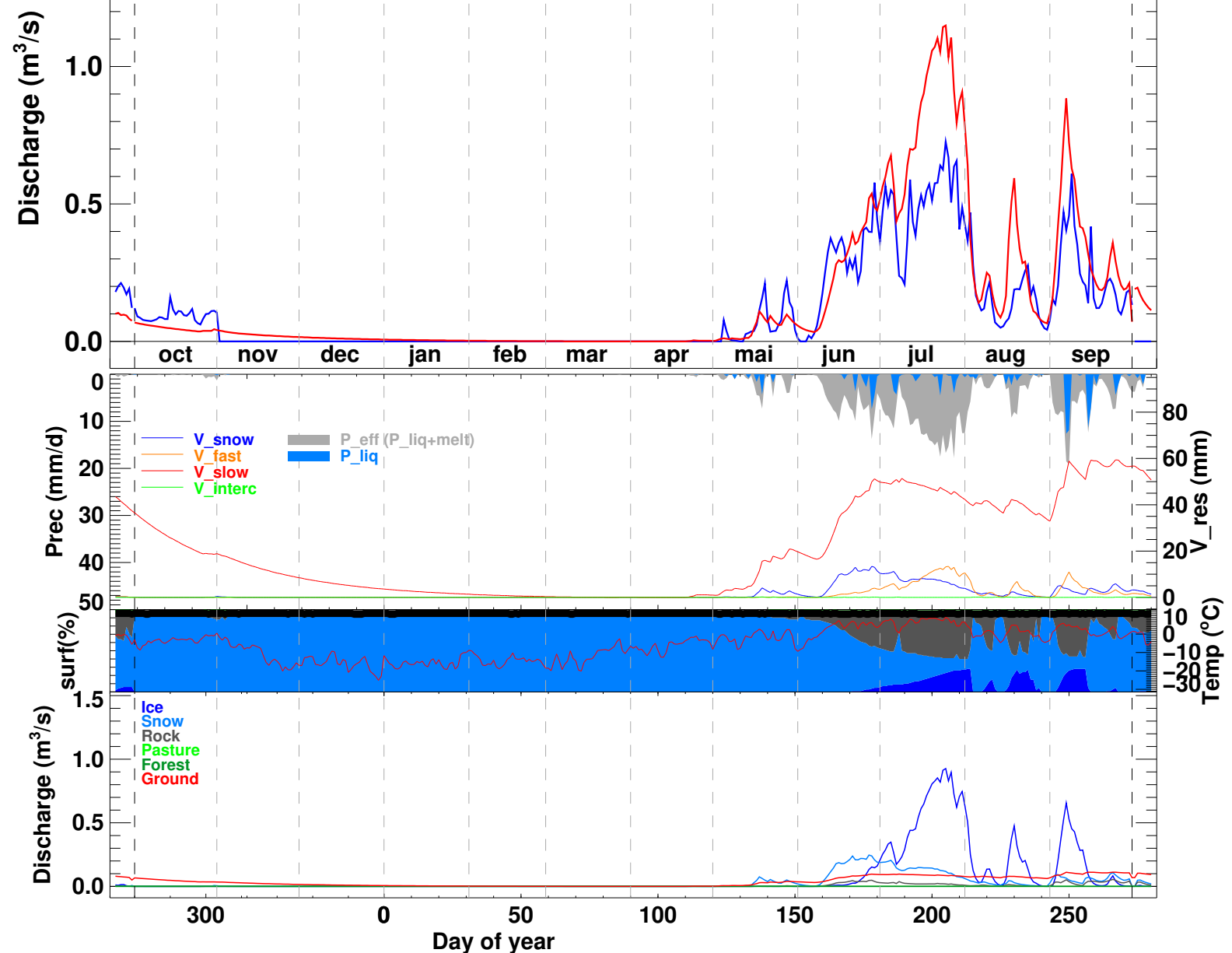


Weingartengletscher (Rotbach)

2005

2006

Measured runoff volume: 3.5 mio. m³
 Simulated runoff volume: 4.7 mio. m³
 Misfit: 35.23 %

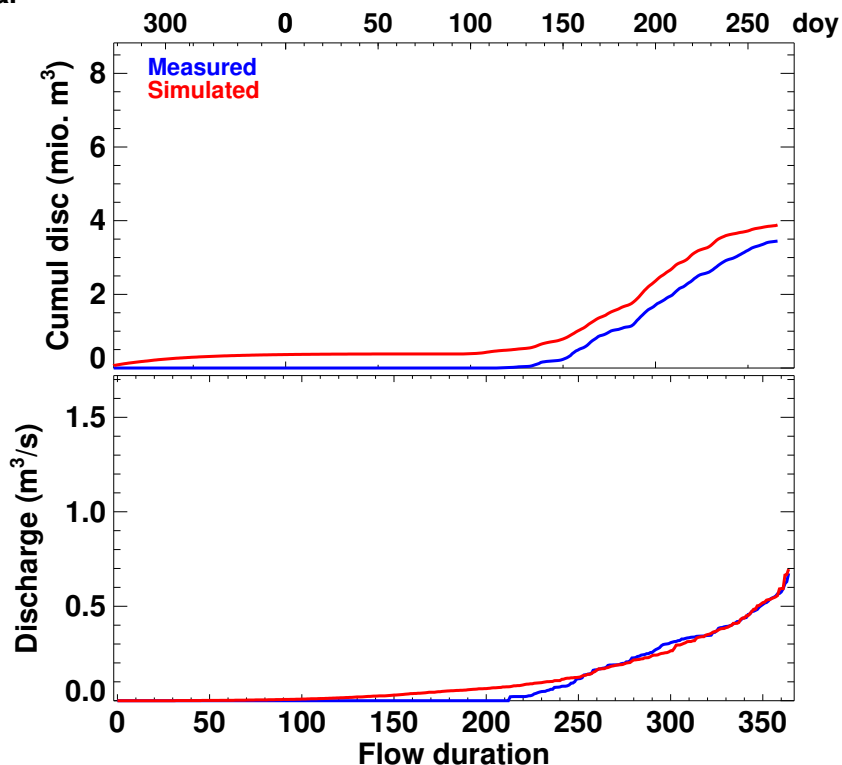
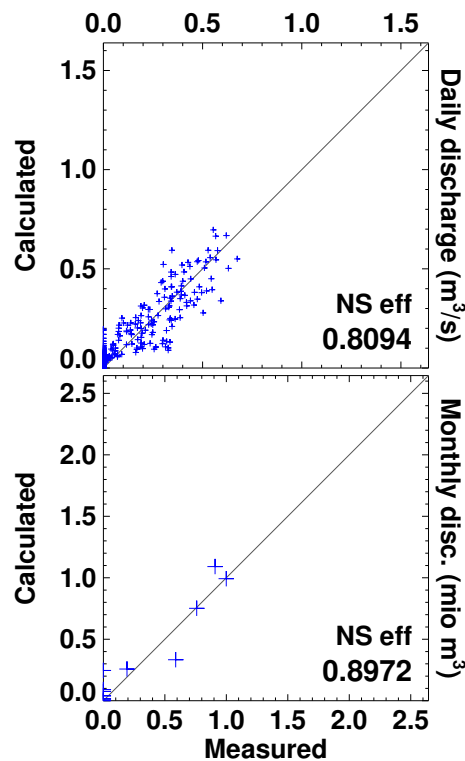
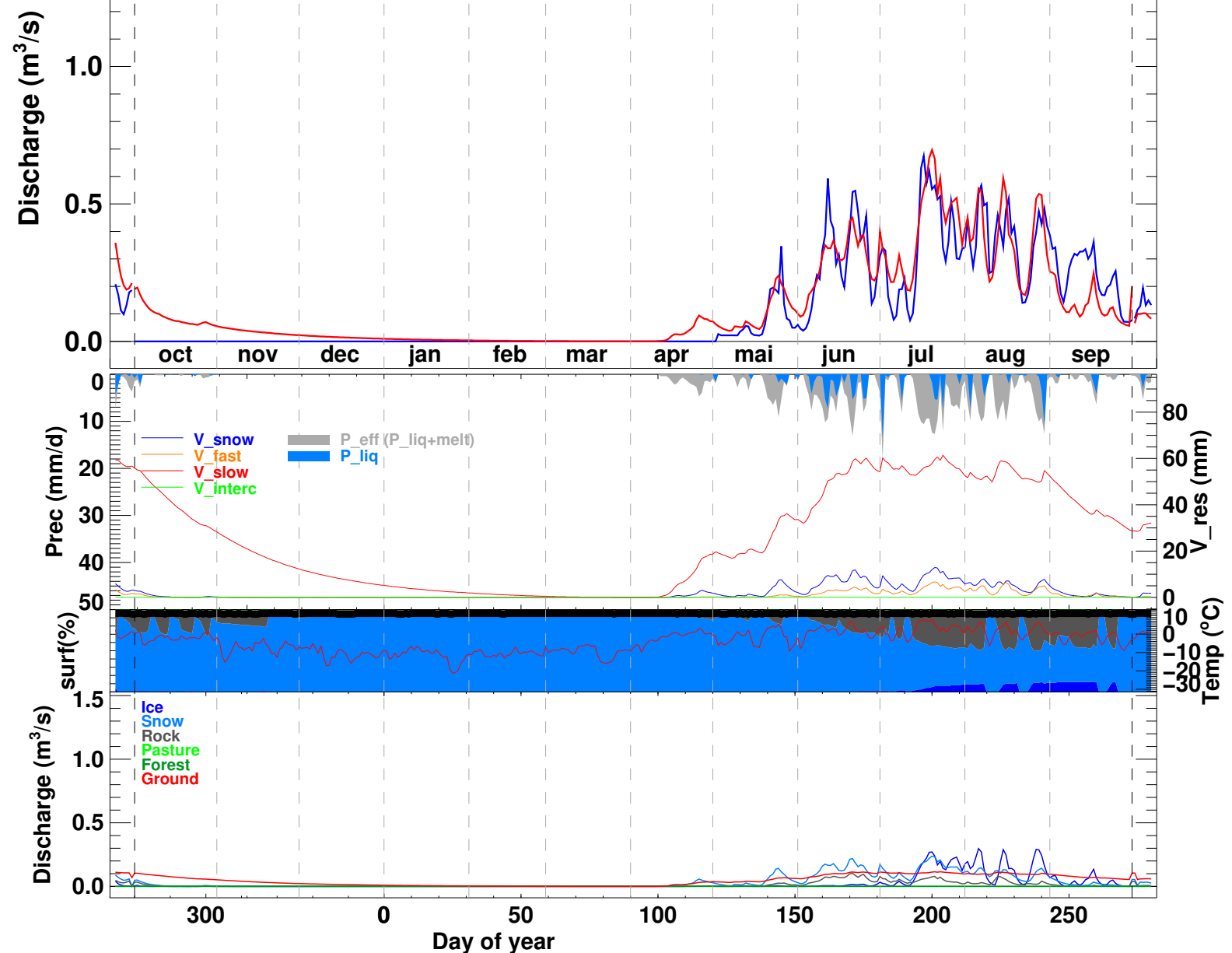


Weingartengletscher (Rotbach)

2006

2007

Measured runoff volume: 3.4 mio. m³
 Simulated runoff volume: 3.9 mio. m³
 Misfit: 14.74 %

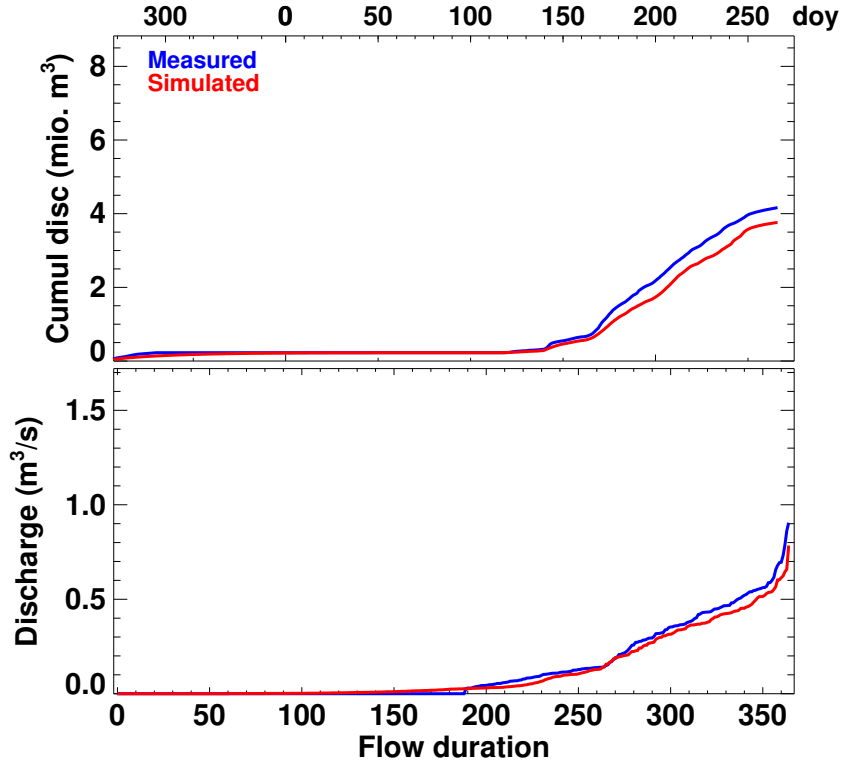
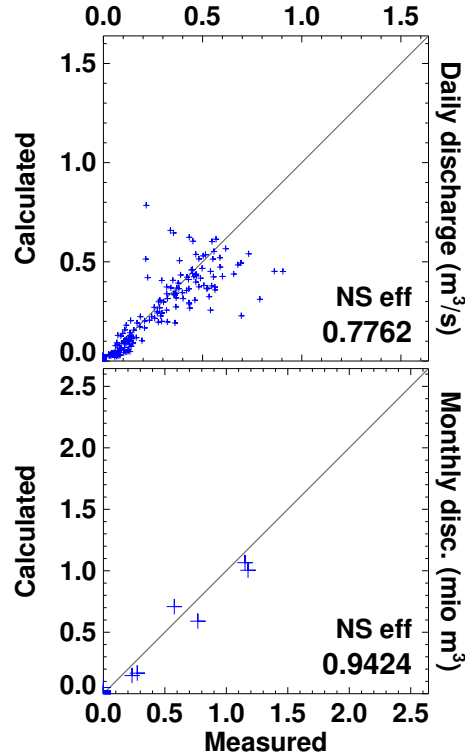
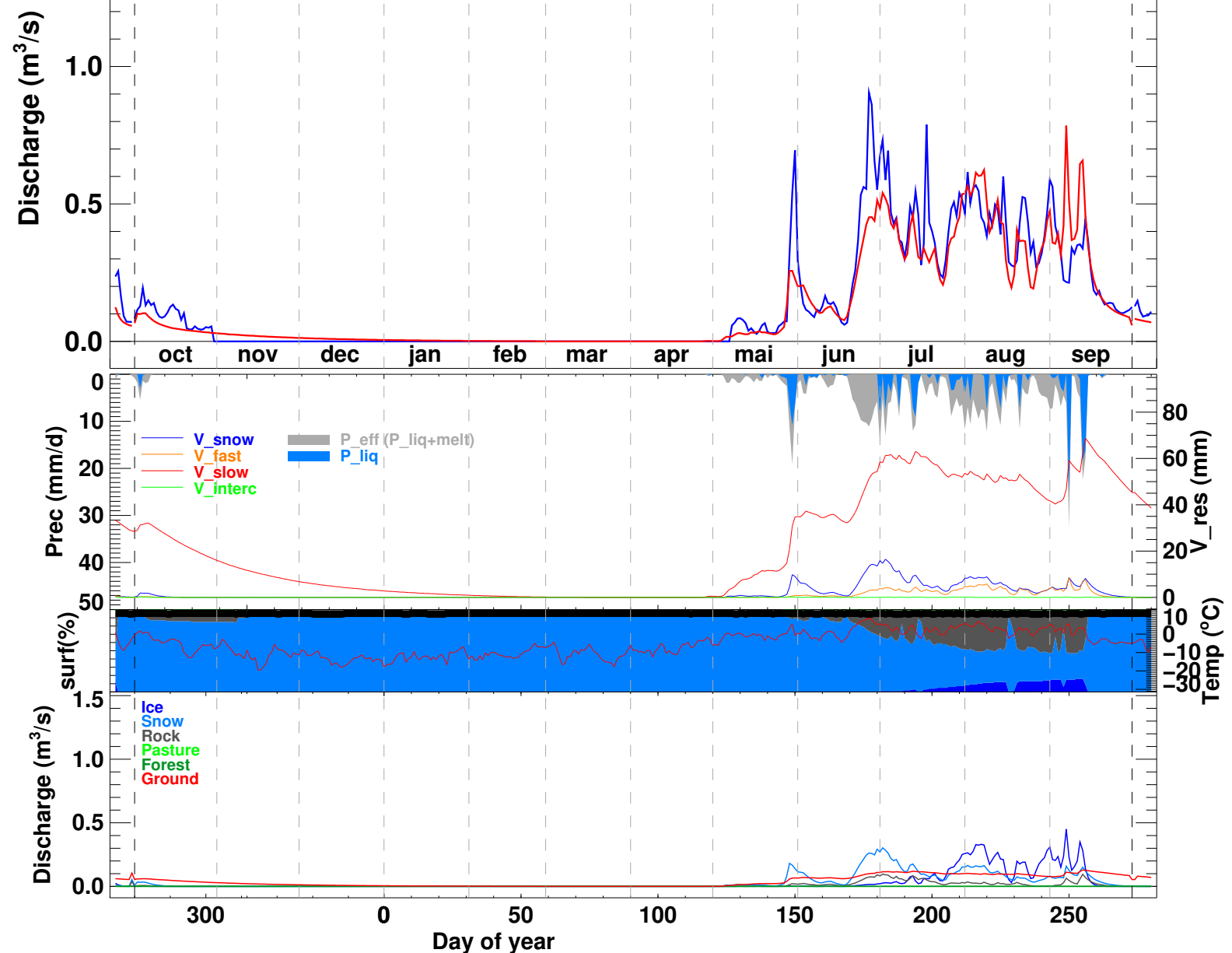


Weingartengletscher (Rotbach)

2007

2008

Measured runoff volume: 4.2 mio. m³
 Simulated runoff volume: 3.8 mio. m³
 Misfit: -10.30 %

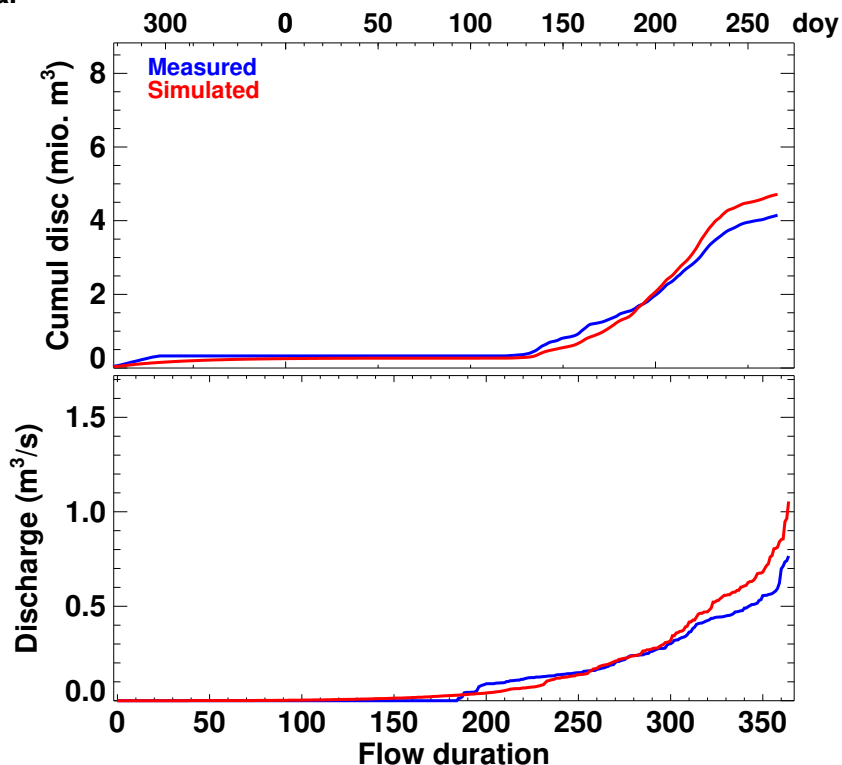
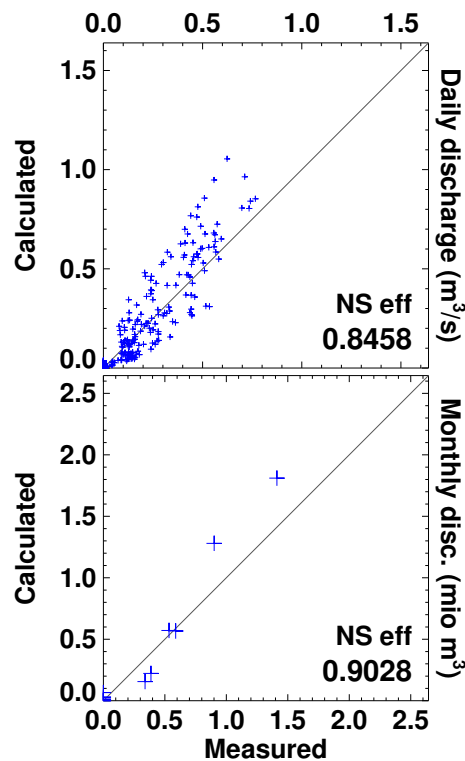
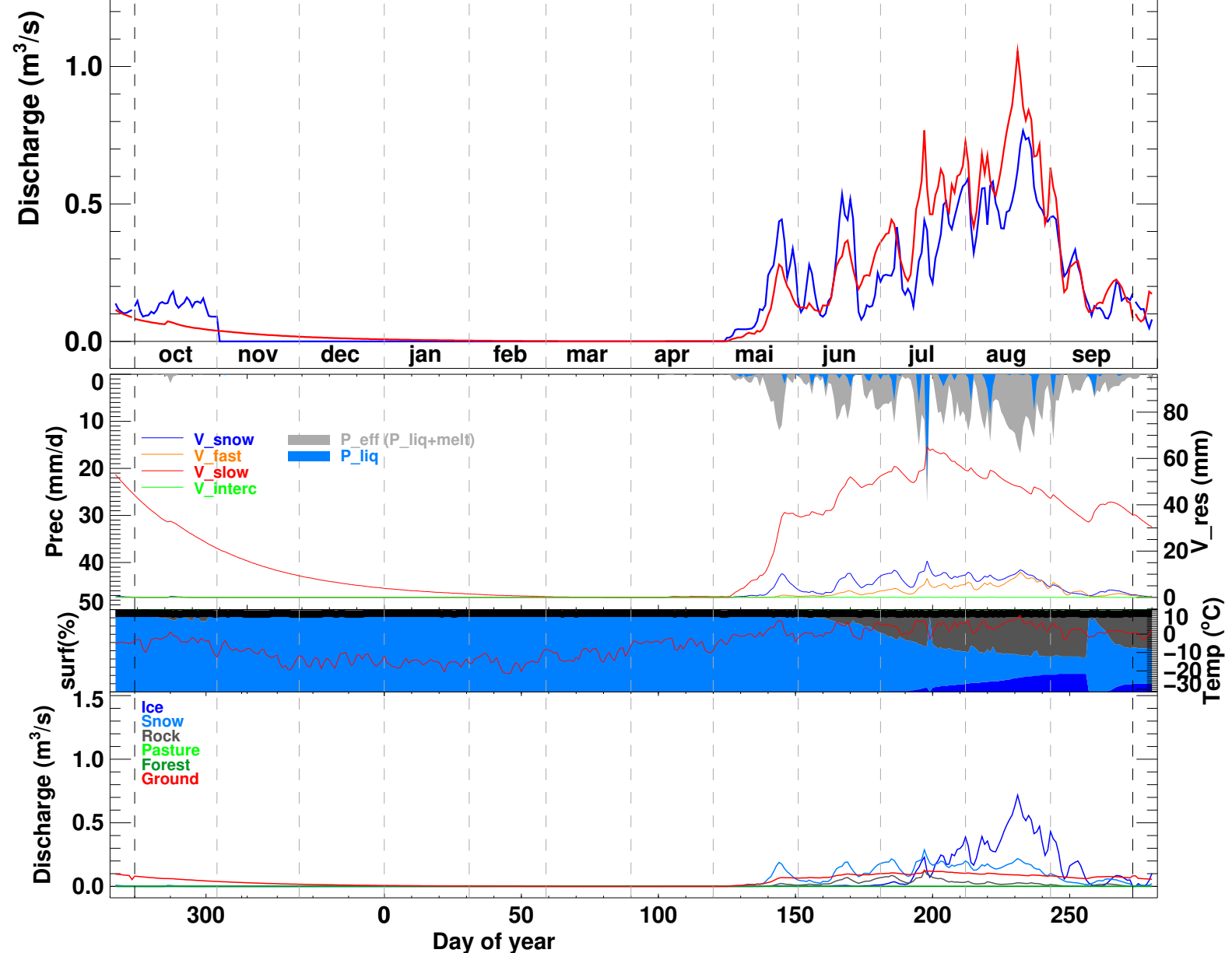


Weingartengletscher (Rotbach)

2008

2009

Measured runoff volume: 4.2 mio. m³
 Simulated runoff volume: 4.7 mio. m³
 Misfit: 12.38 %

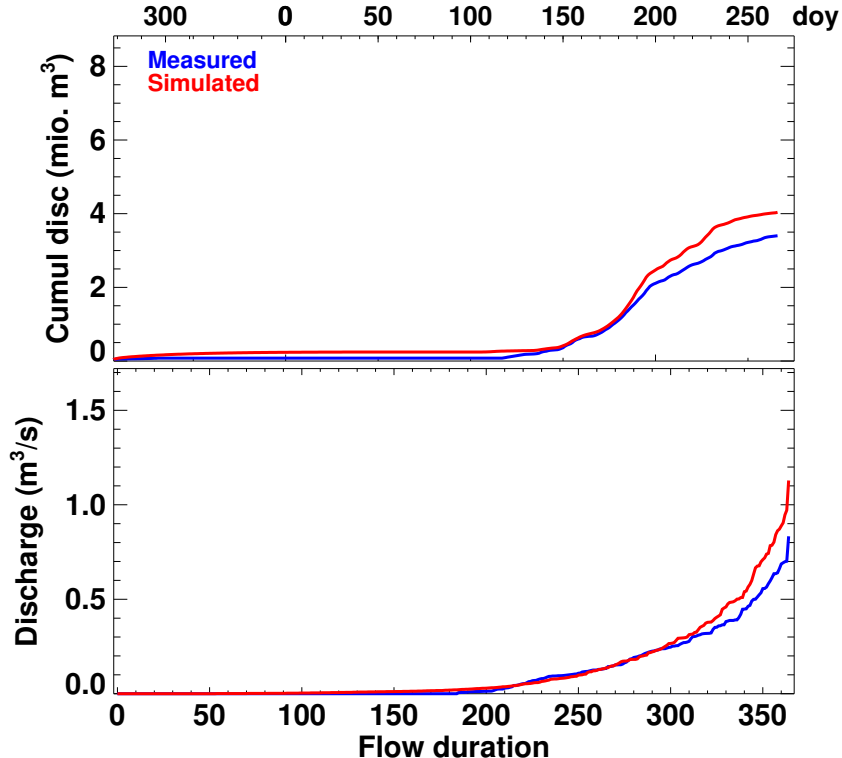
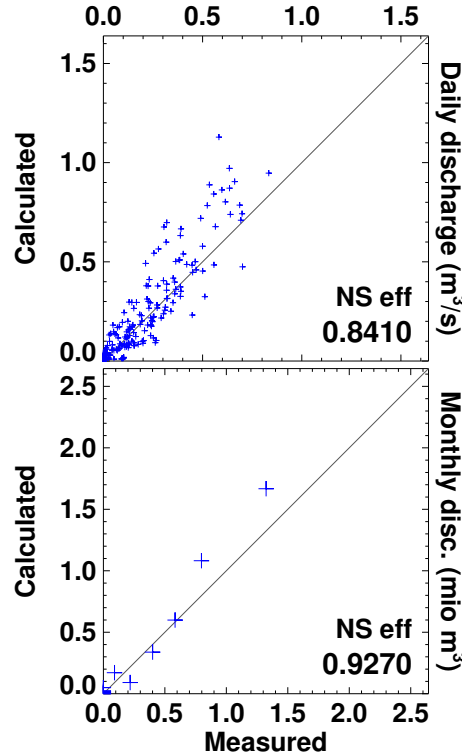
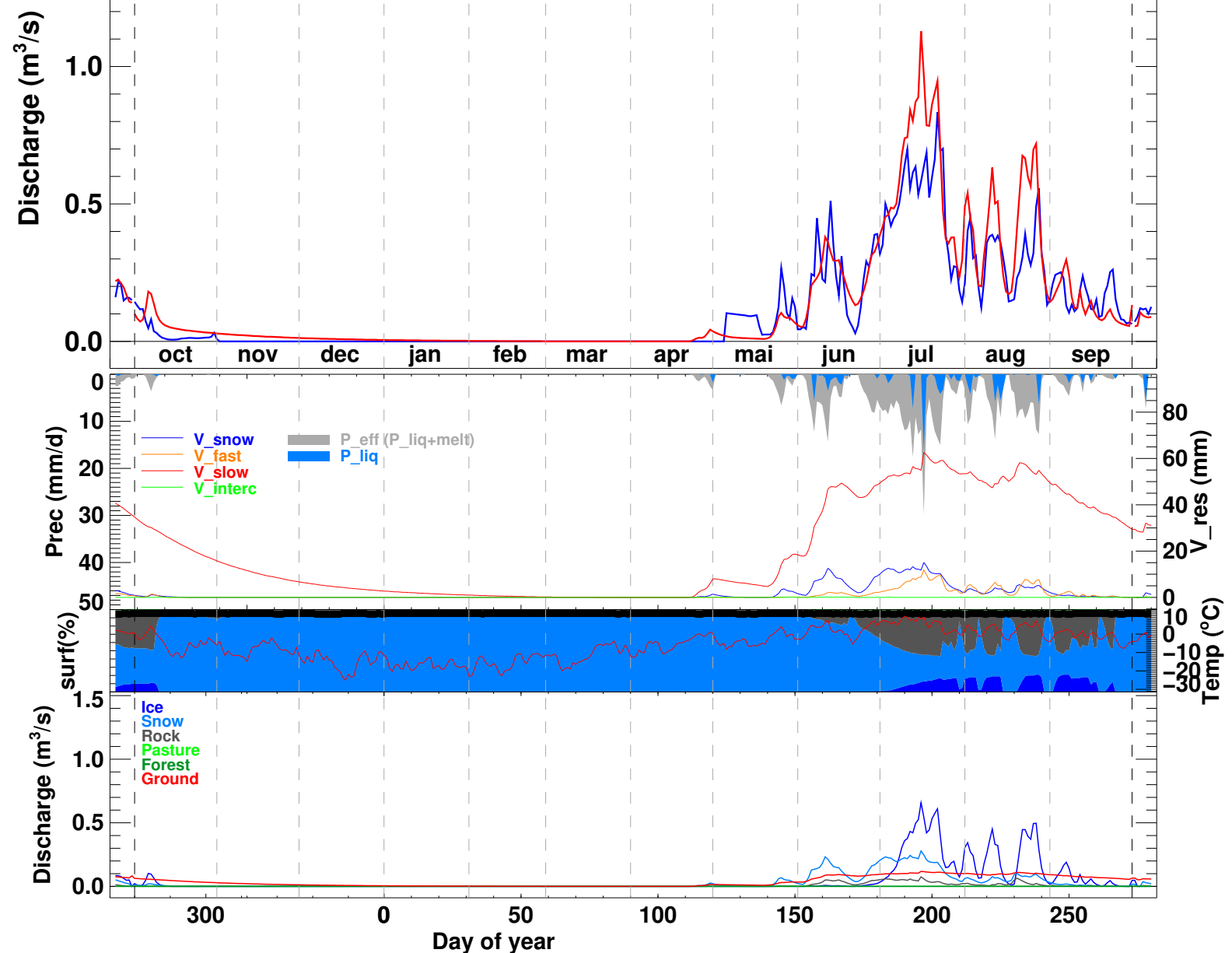


Weingartengletscher (Rotbach)

2009

2010

Measured runoff volume: 3.4 mio. m³
 Simulated runoff volume: 4.0 mio. m³
 Misfit: 19.01 %

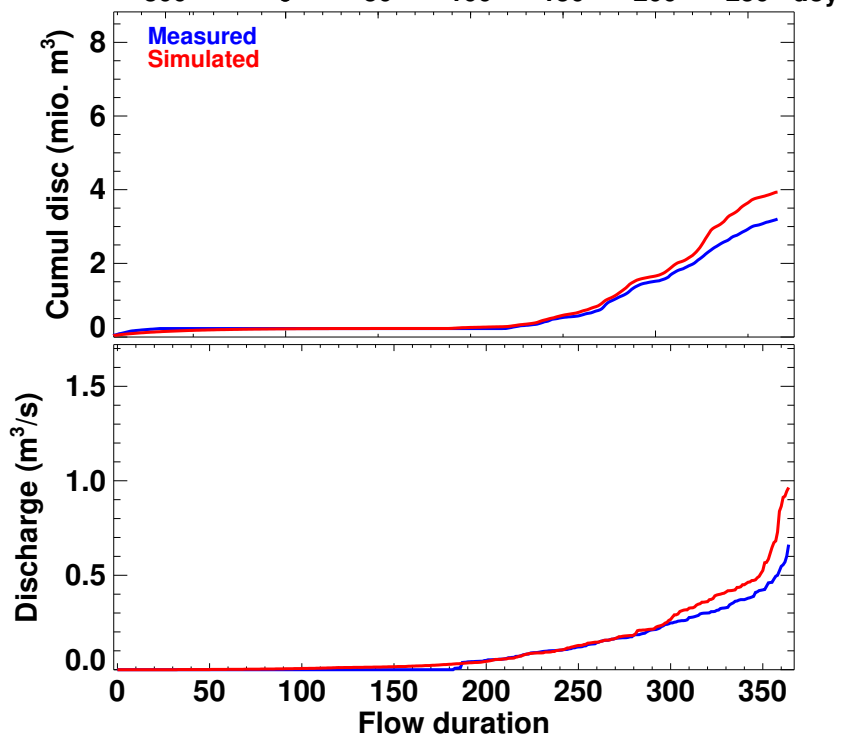
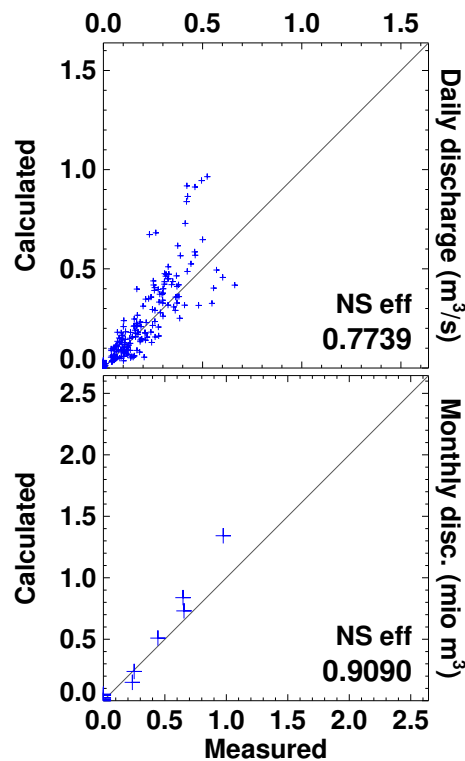
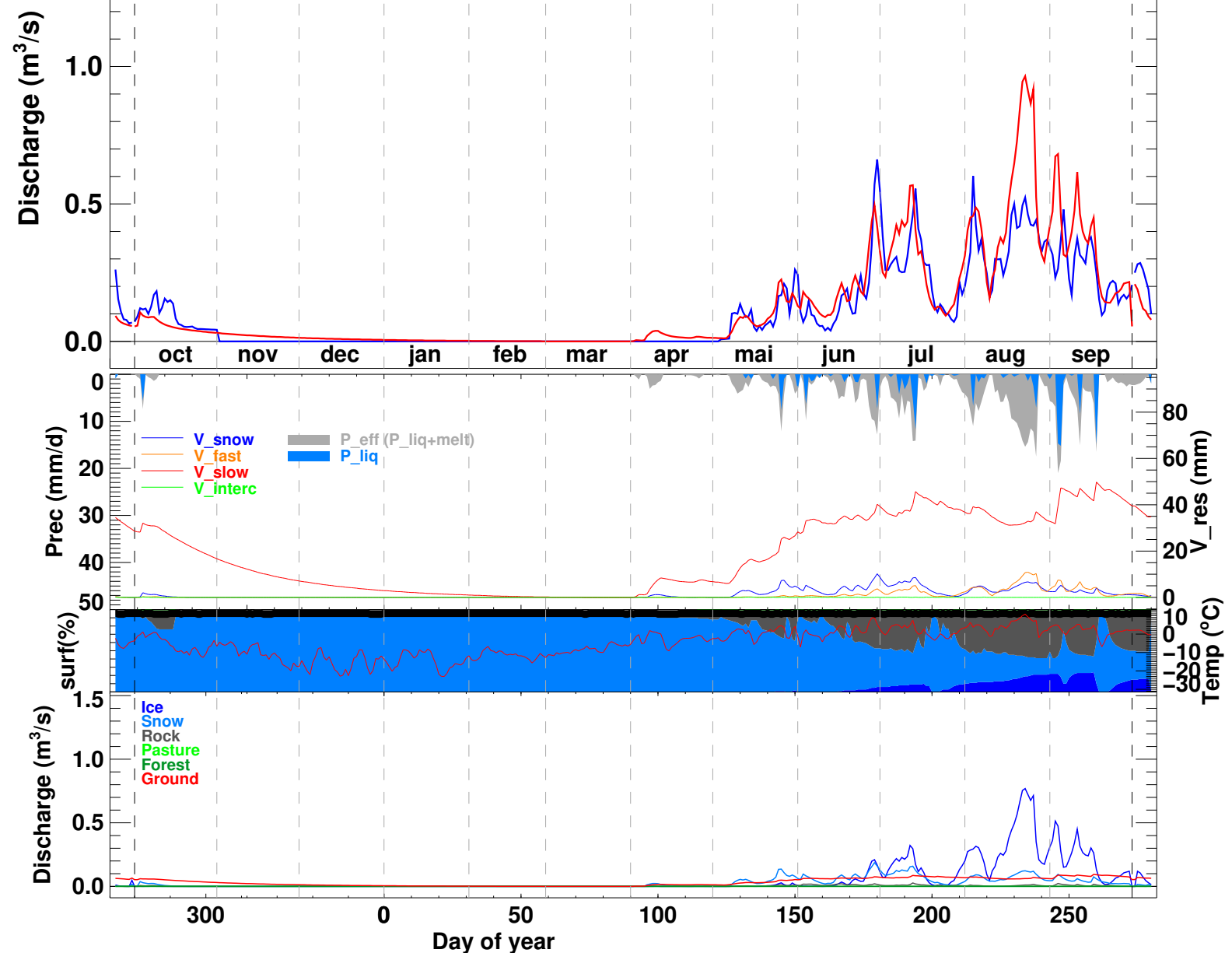


Weingartengletscher (Rotbach)

2010

2011

Measured runoff volume: 3.2 mio. m³
 Simulated runoff volume: 3.9 mio. m³
 Misfit: 23.09 %

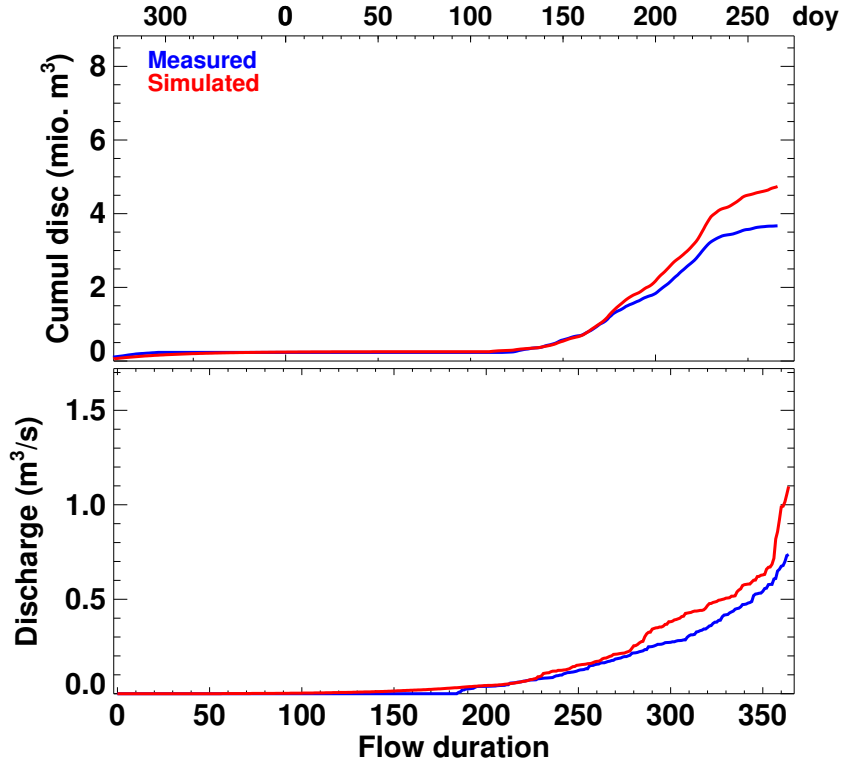
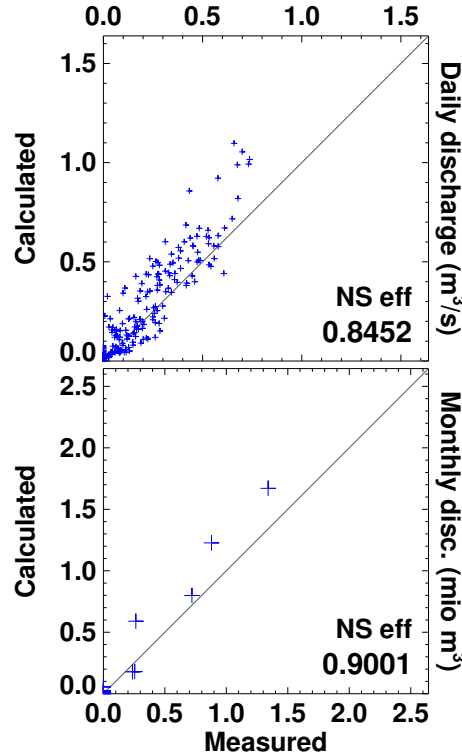
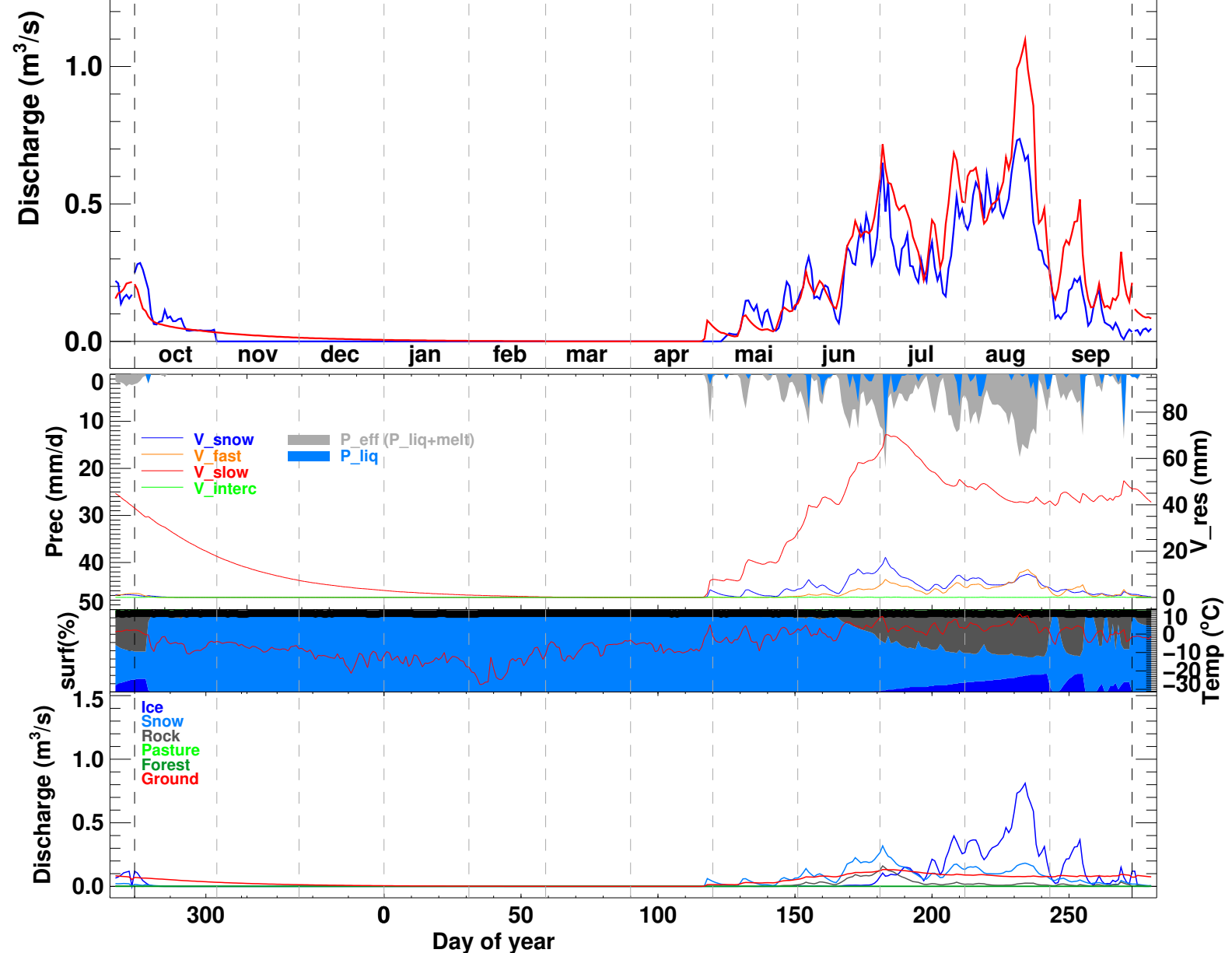


Weingartengletscher (Rotbach)

2011

2012

Measured runoff volume: 3.7 mio. m³
 Simulated runoff volume: 4.8 mio. m³
 Misfit: 28.54 %

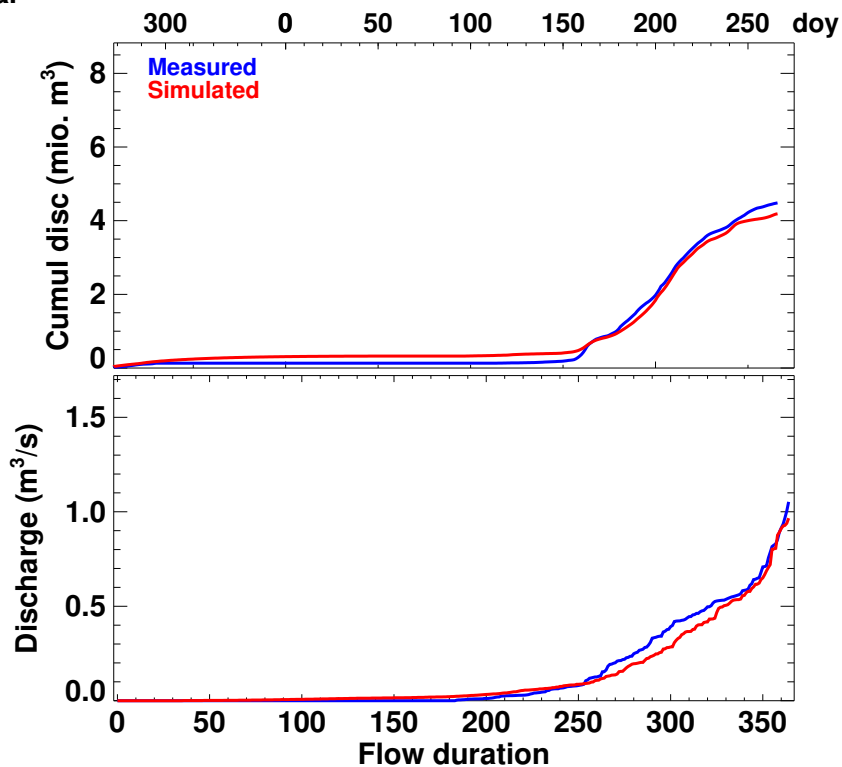
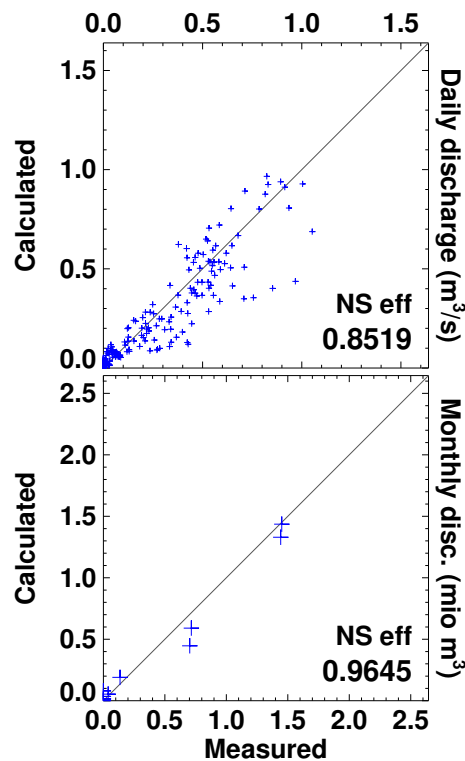
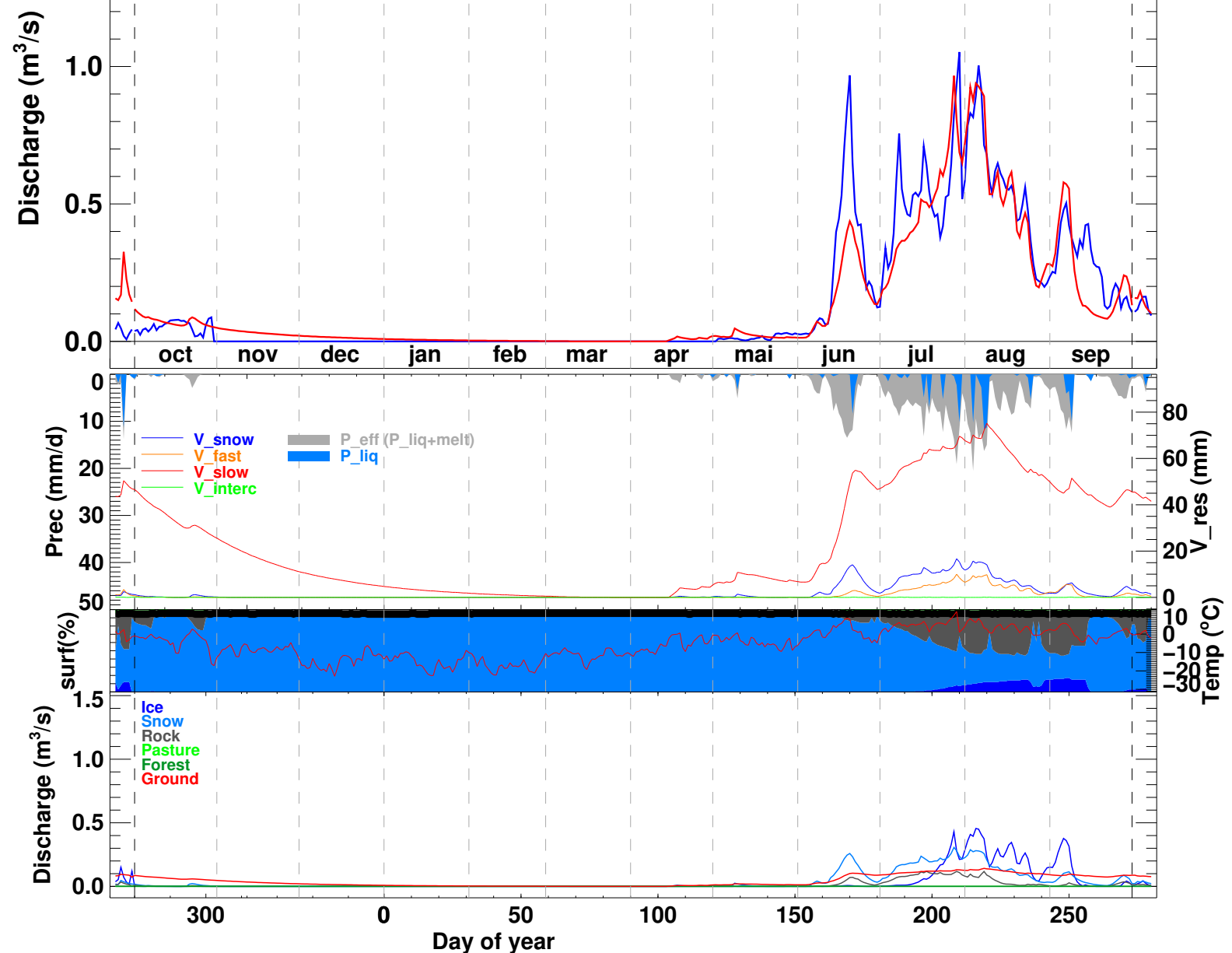


Weingartengletscher (Rotbach)

2012

2013

Measured runoff volume: 4.5 mio. m³
 Simulated runoff volume: 4.2 mio. m³
 Misfit: -6.71 %



Weingartengletscher (Rotbach)

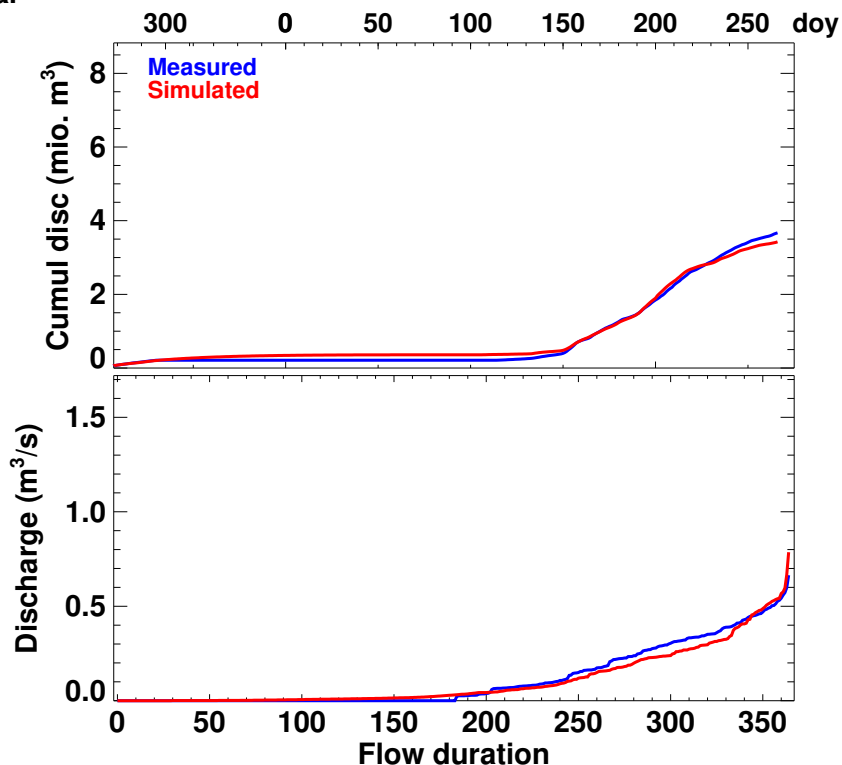
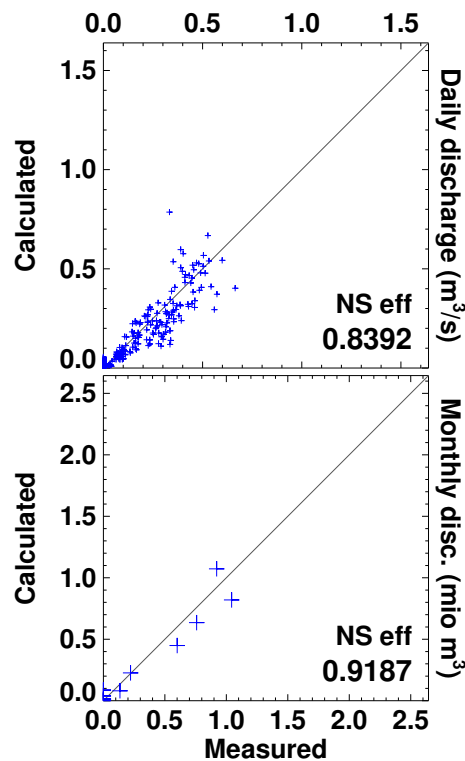
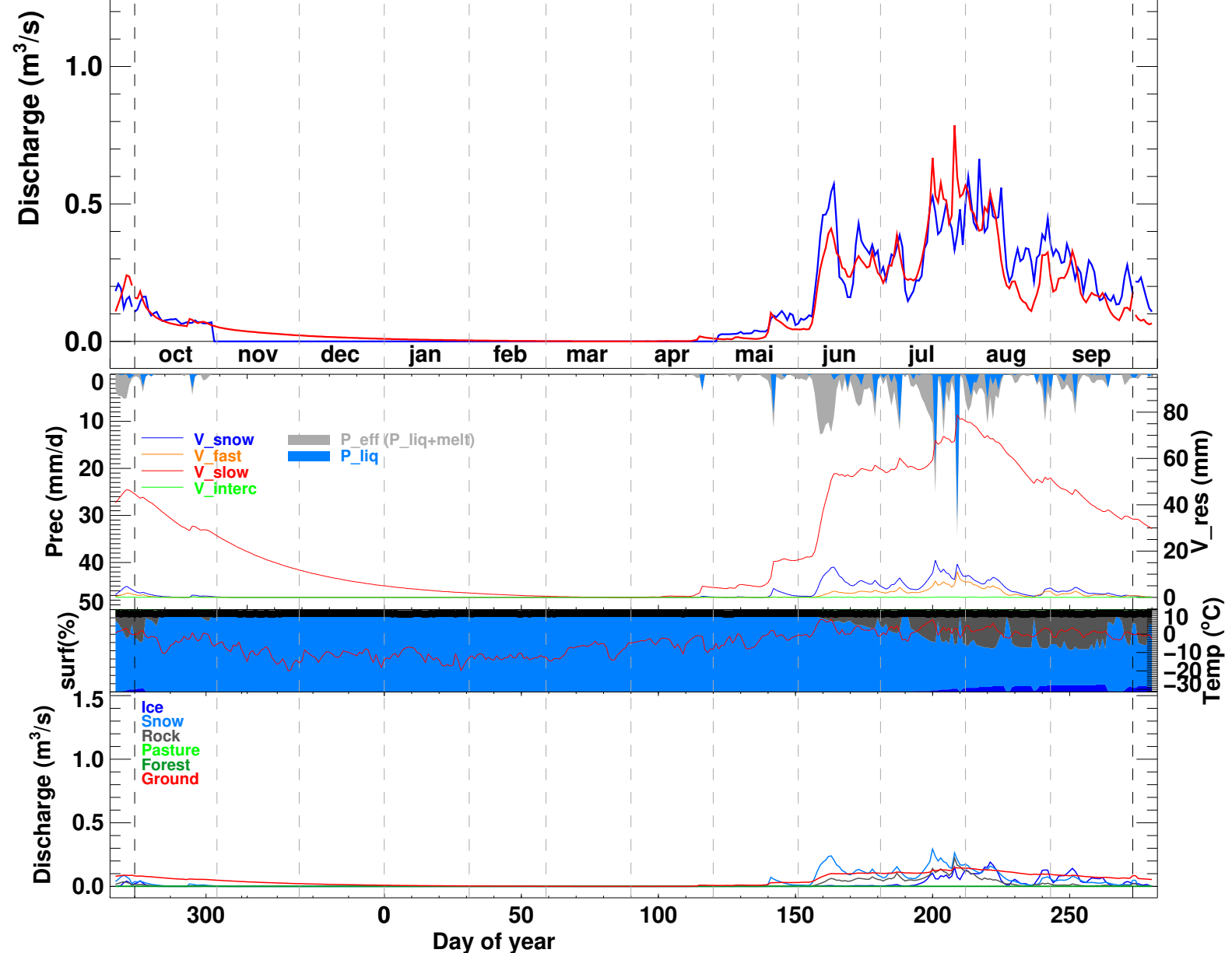
2013

2014

Measured runoff volume: 3.7 mio. m³

Simulated runoff volume: 3.4 mio. m³

Misfit: -7.06 %



Weingartengletscher (Rotbach)

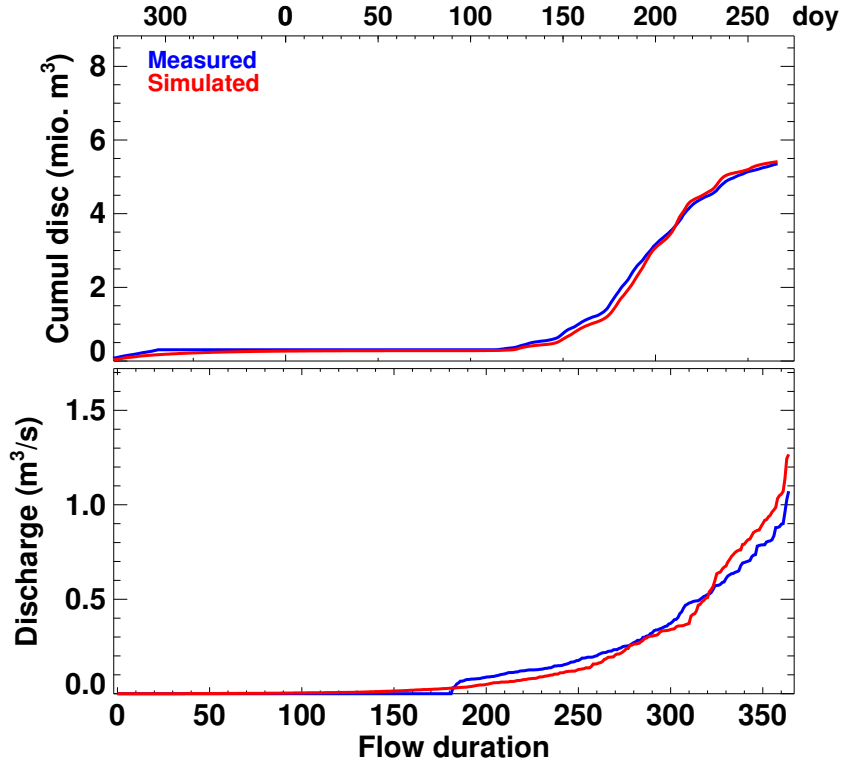
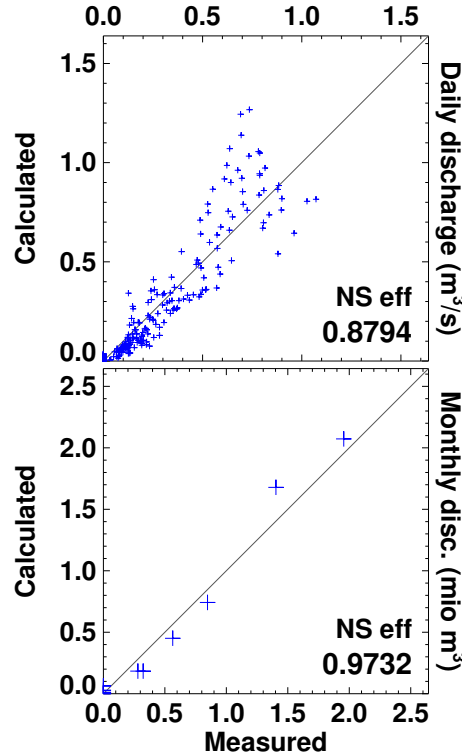
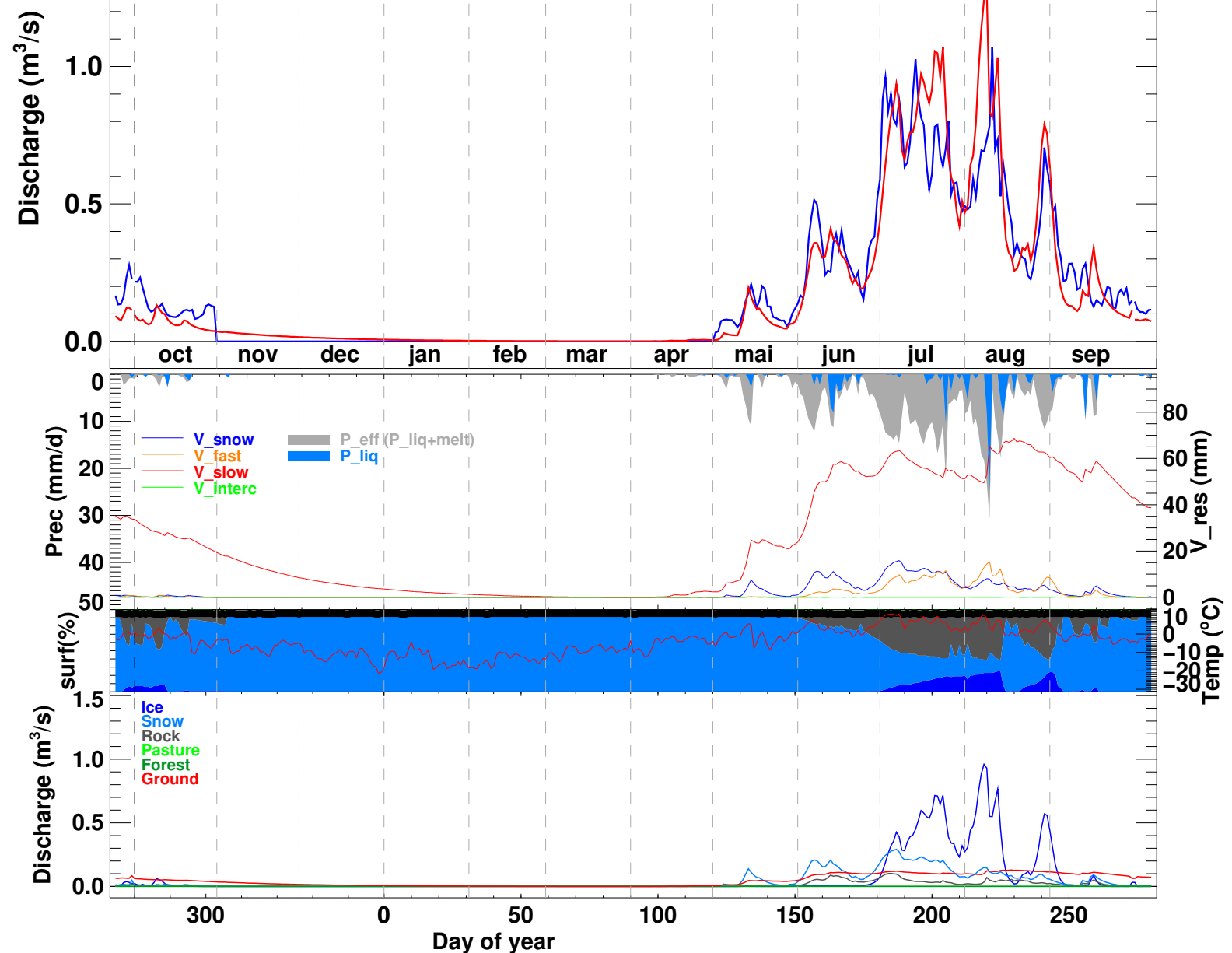
2014

2015

Measured runoff volume: 5.4 mio. m³

Simulated runoff volume: 5.4 mio. m³

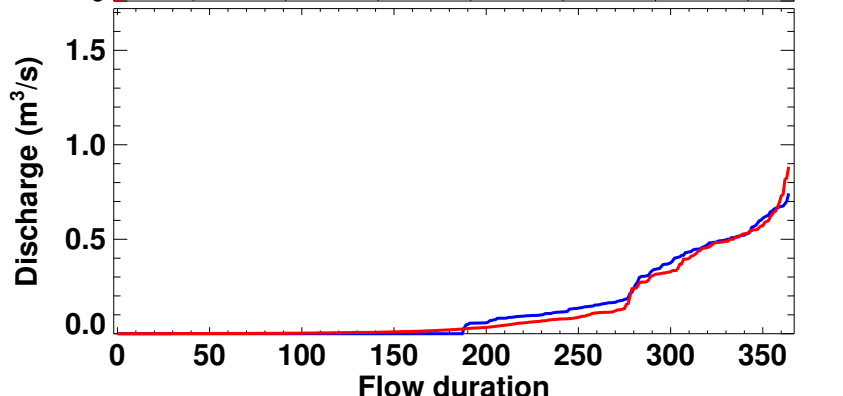
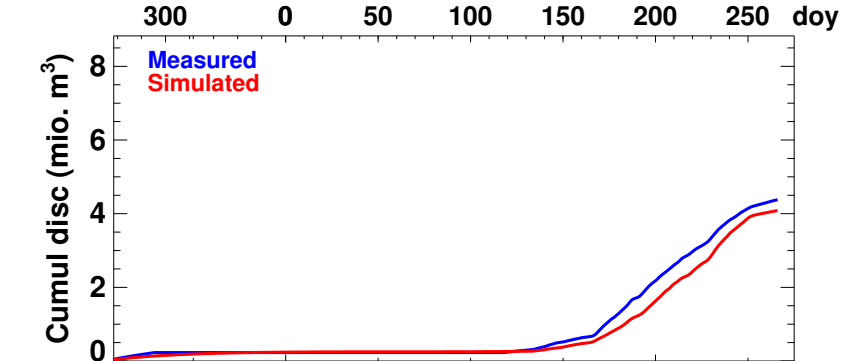
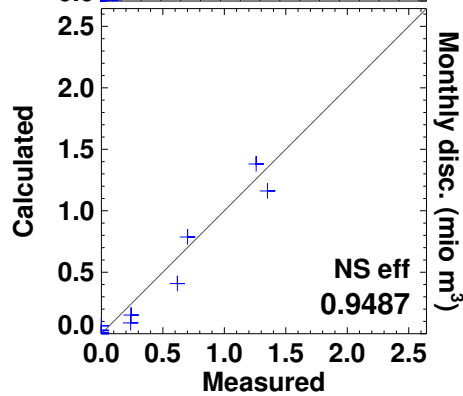
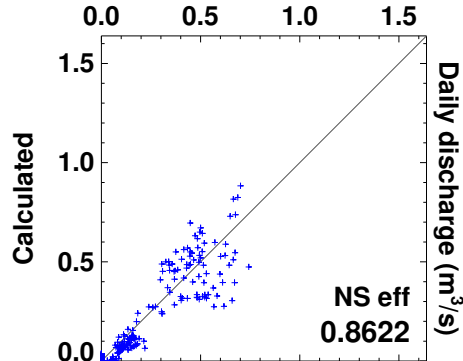
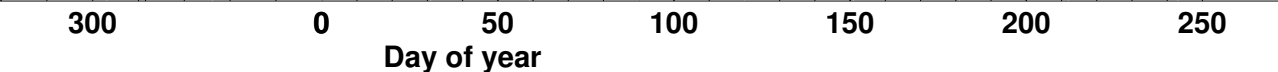
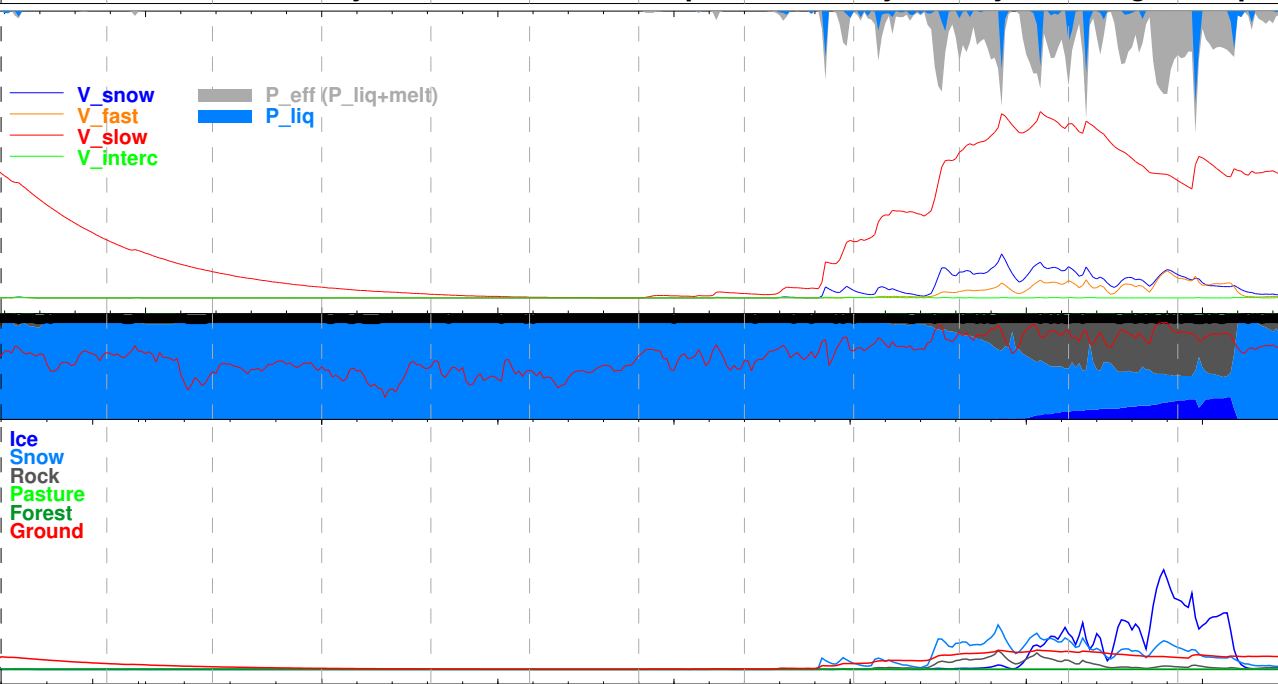
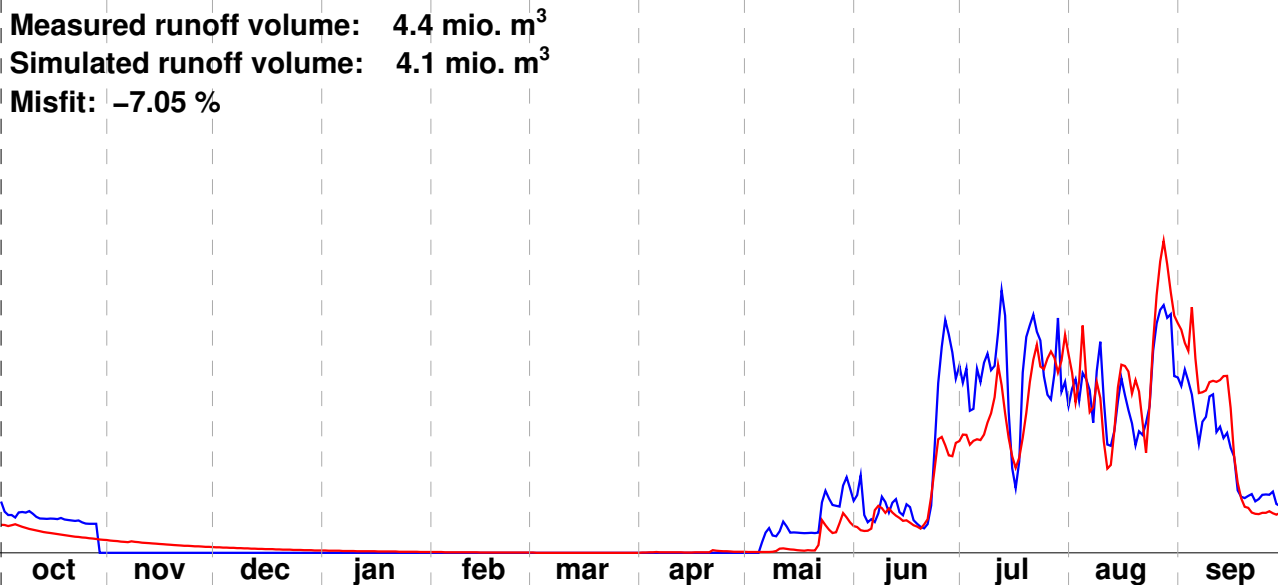
Misfit: 0.43 %



2015

2016

Measured runoff volume:	4.4 mio. m ³
Simulated runoff volume:	4.1 mio. m ³
Misfit:	-7.05 %

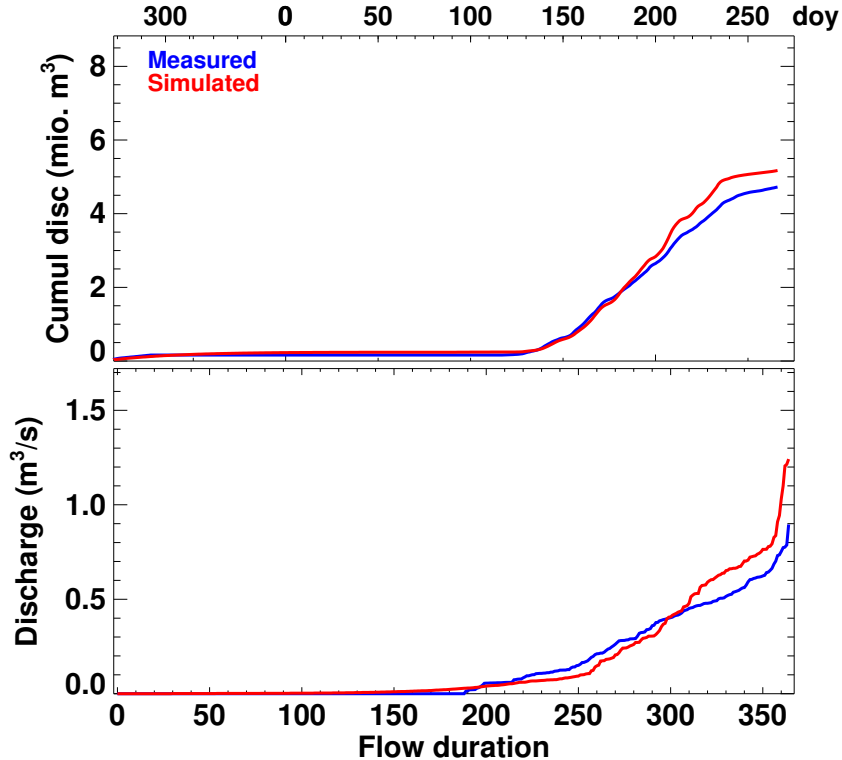
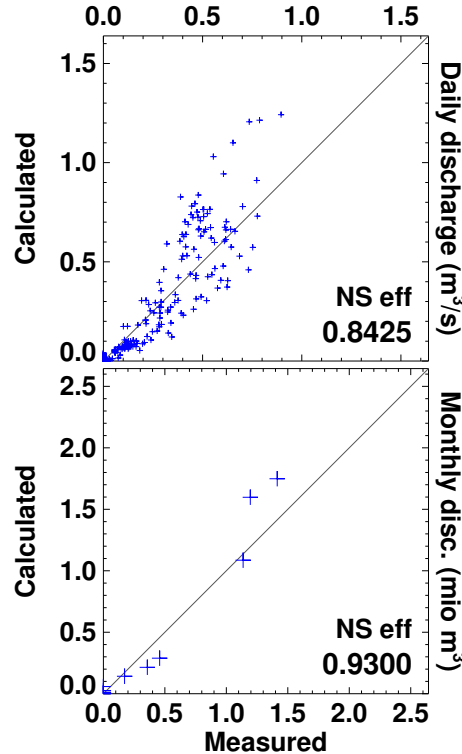
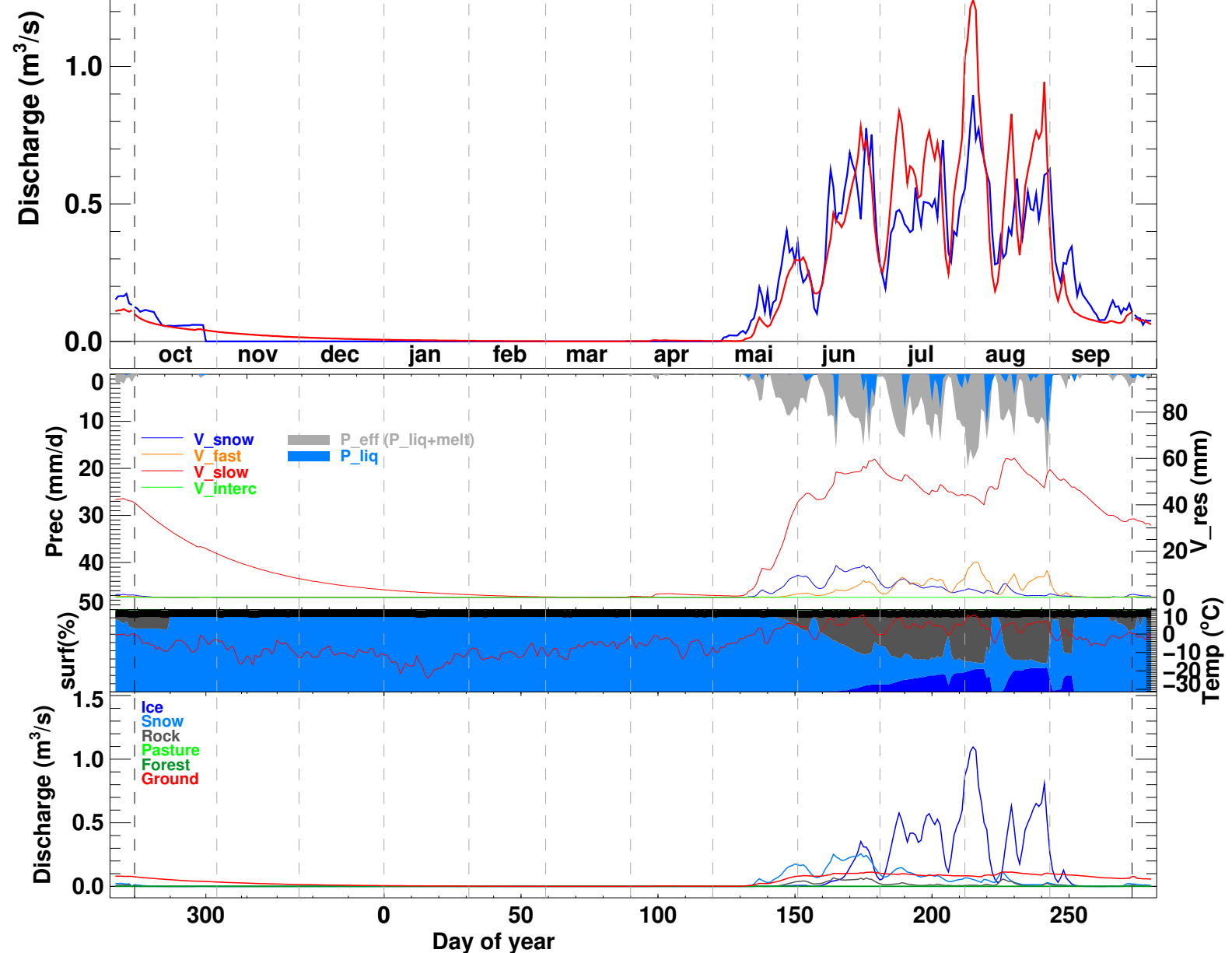


Weingartengletscher (Rotbach)

2016

2017

Measured runoff volume: 4.7 mio. m³
 Simulated runoff volume: 5.2 mio. m³
 Misfit: 10.22 %

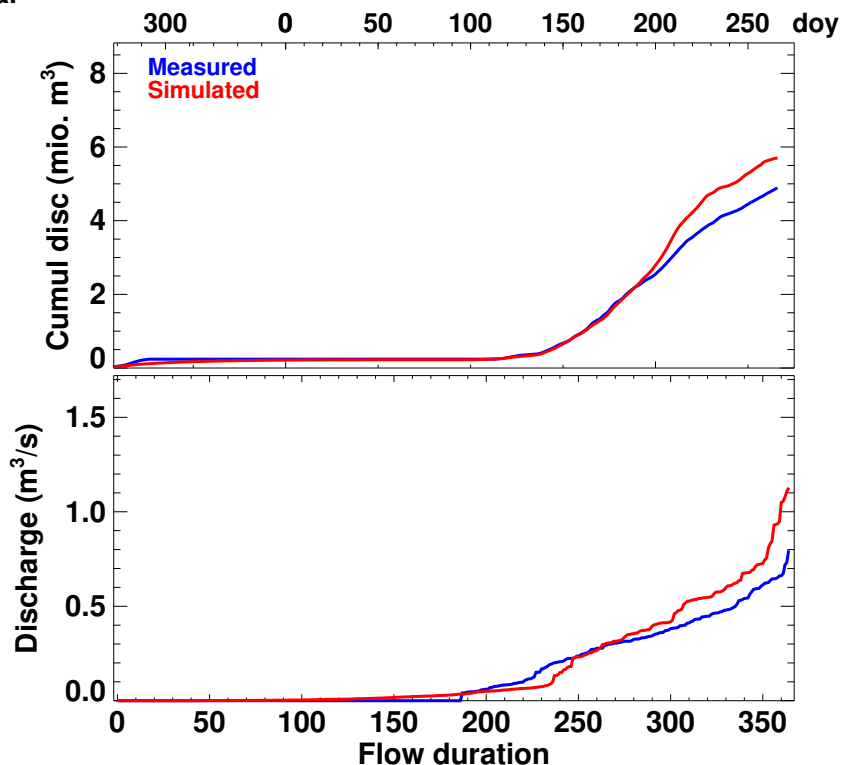
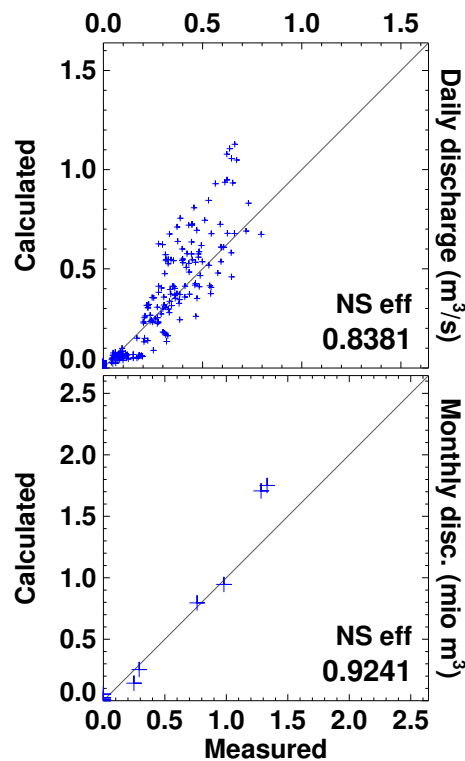
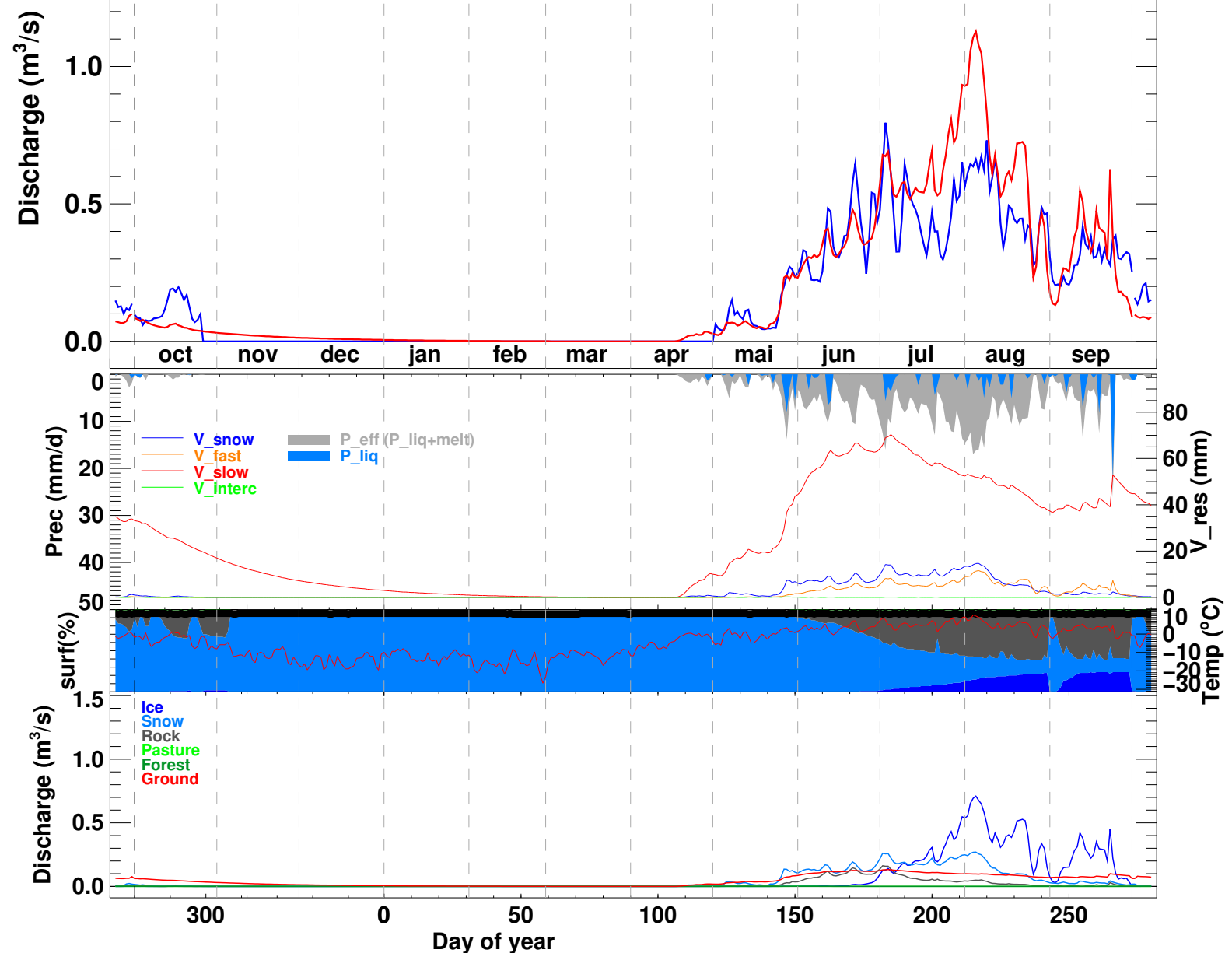


Weingartengletscher (Rotbach)

2017

2018

Measured runoff volume: 4.9 mio. m³
 Simulated runoff volume: 5.7 mio. m³
 Misfit: 16.51 %



Weingartengletscher (Rotbach)

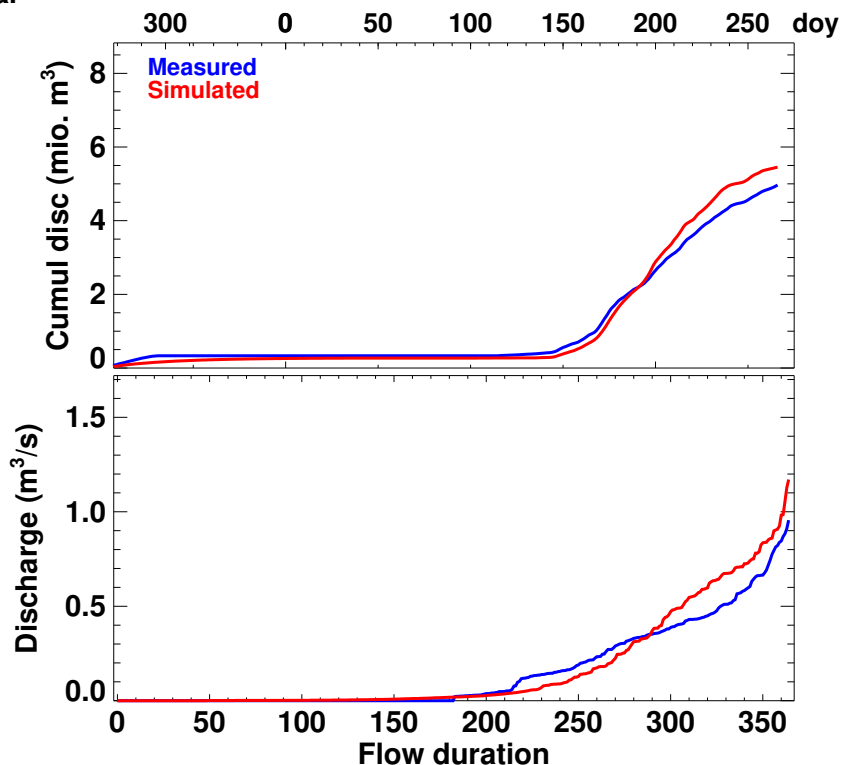
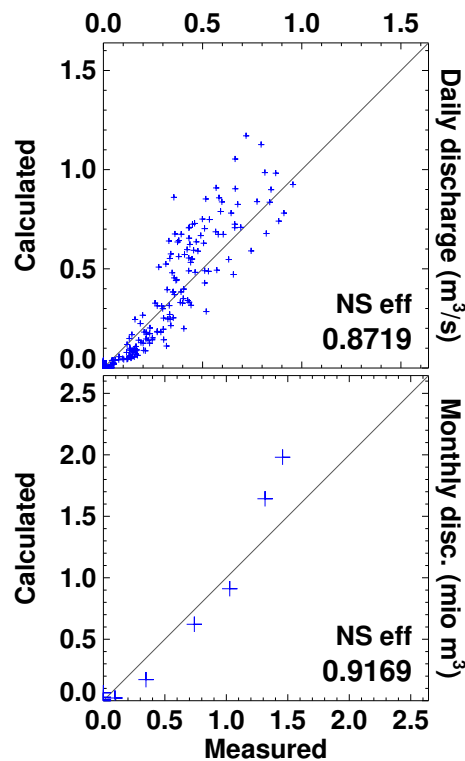
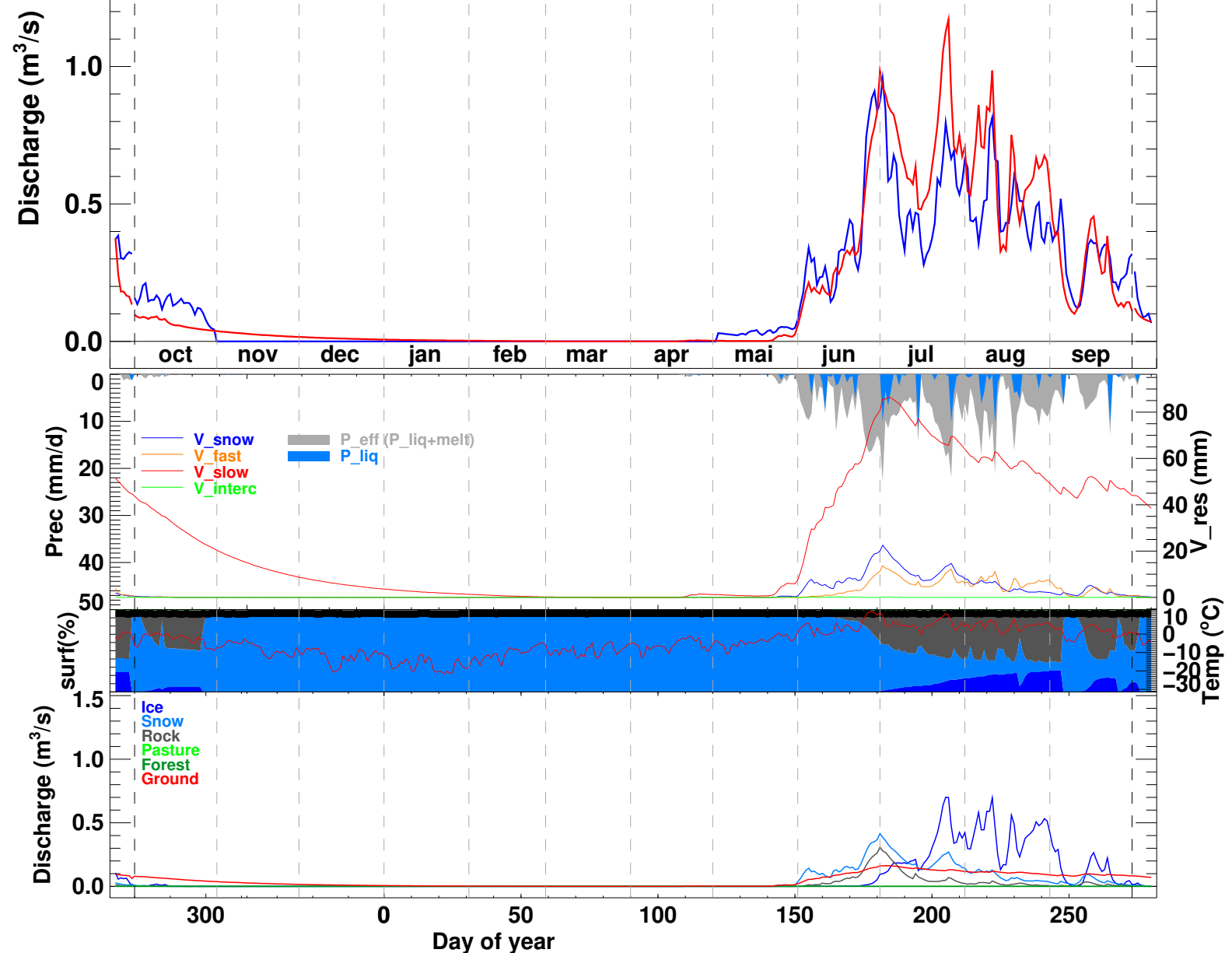
2018

2019

Measured runoff volume: 5.0 mio. m³

Simulated runoff volume: 5.5 mio. m³

Misfit: 9.19 %



Weingartengletscher (Rotbach)

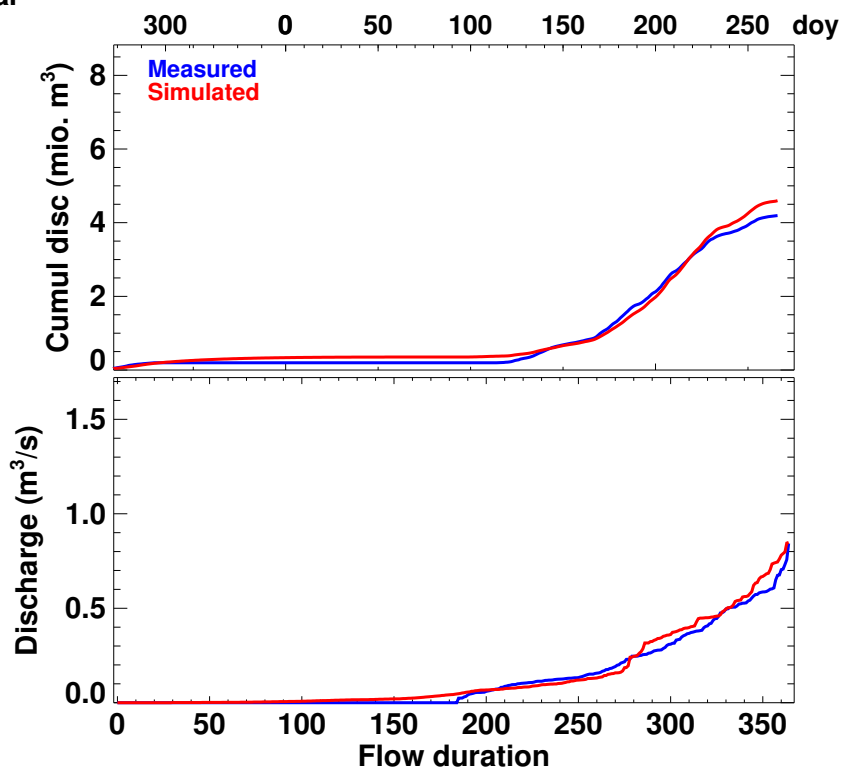
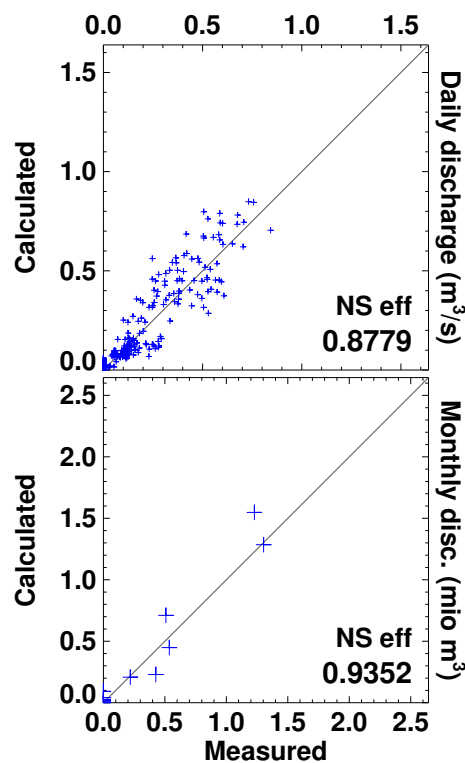
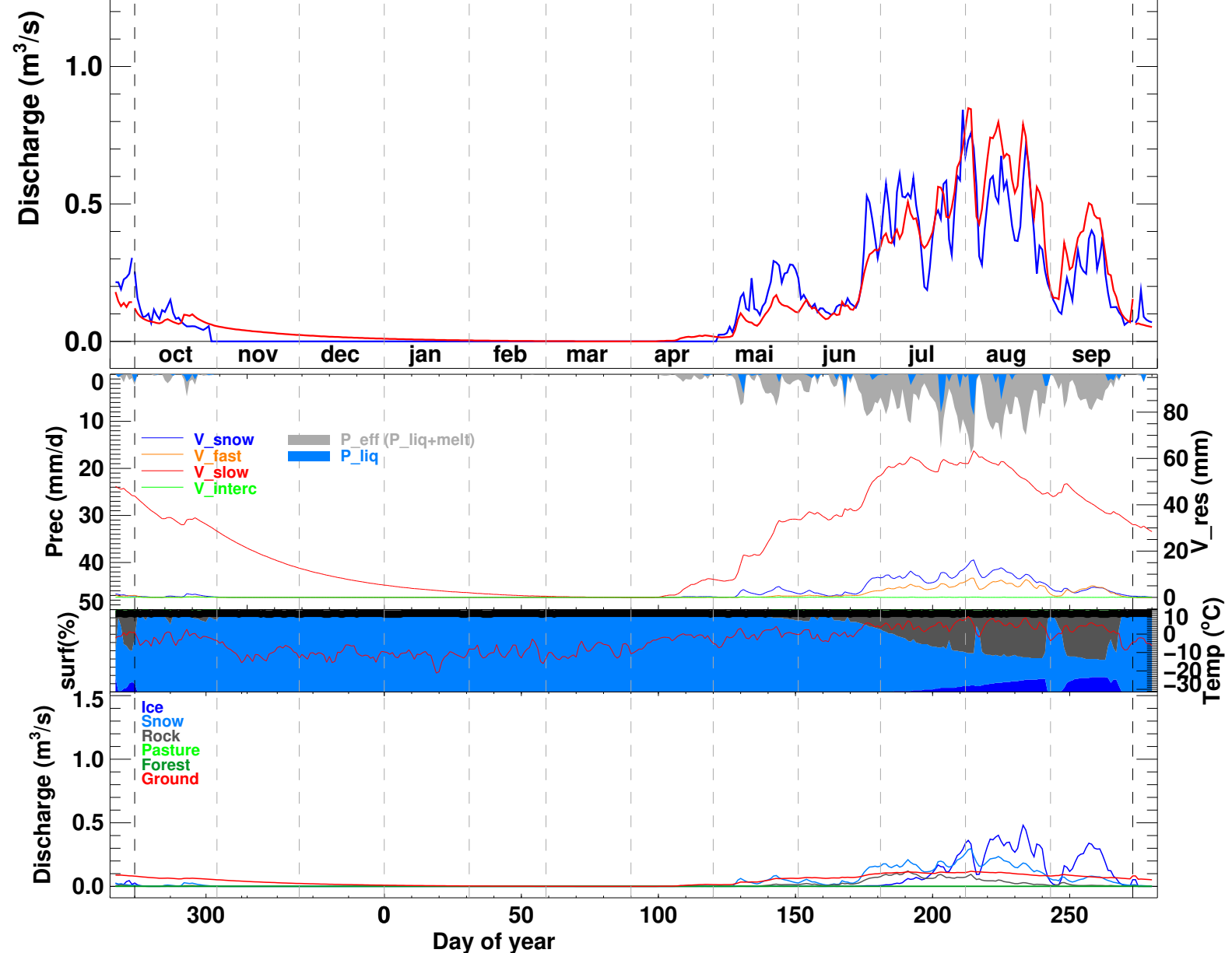
2019

2020

Measured runoff volume: 4.2 mio. m³

Simulated runoff volume: 4.6 mio. m³

Misfit: 9.72 %

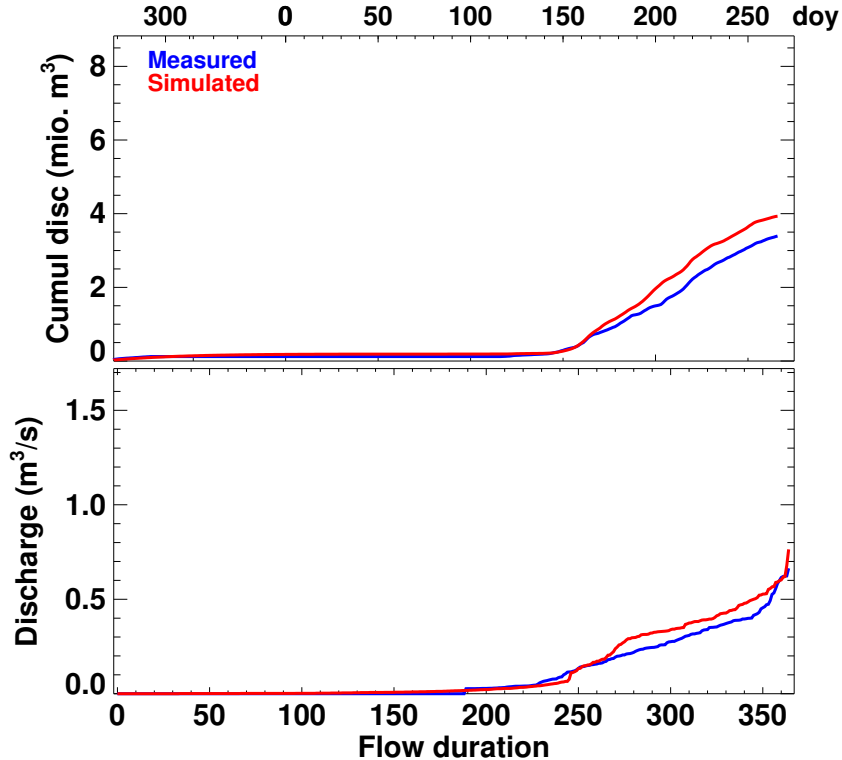
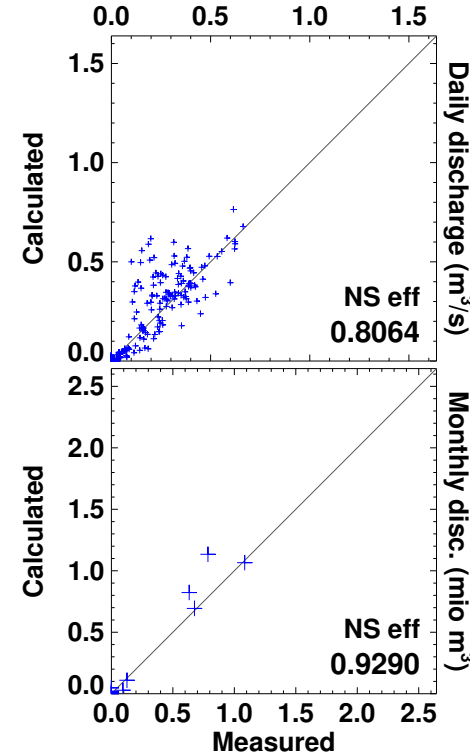
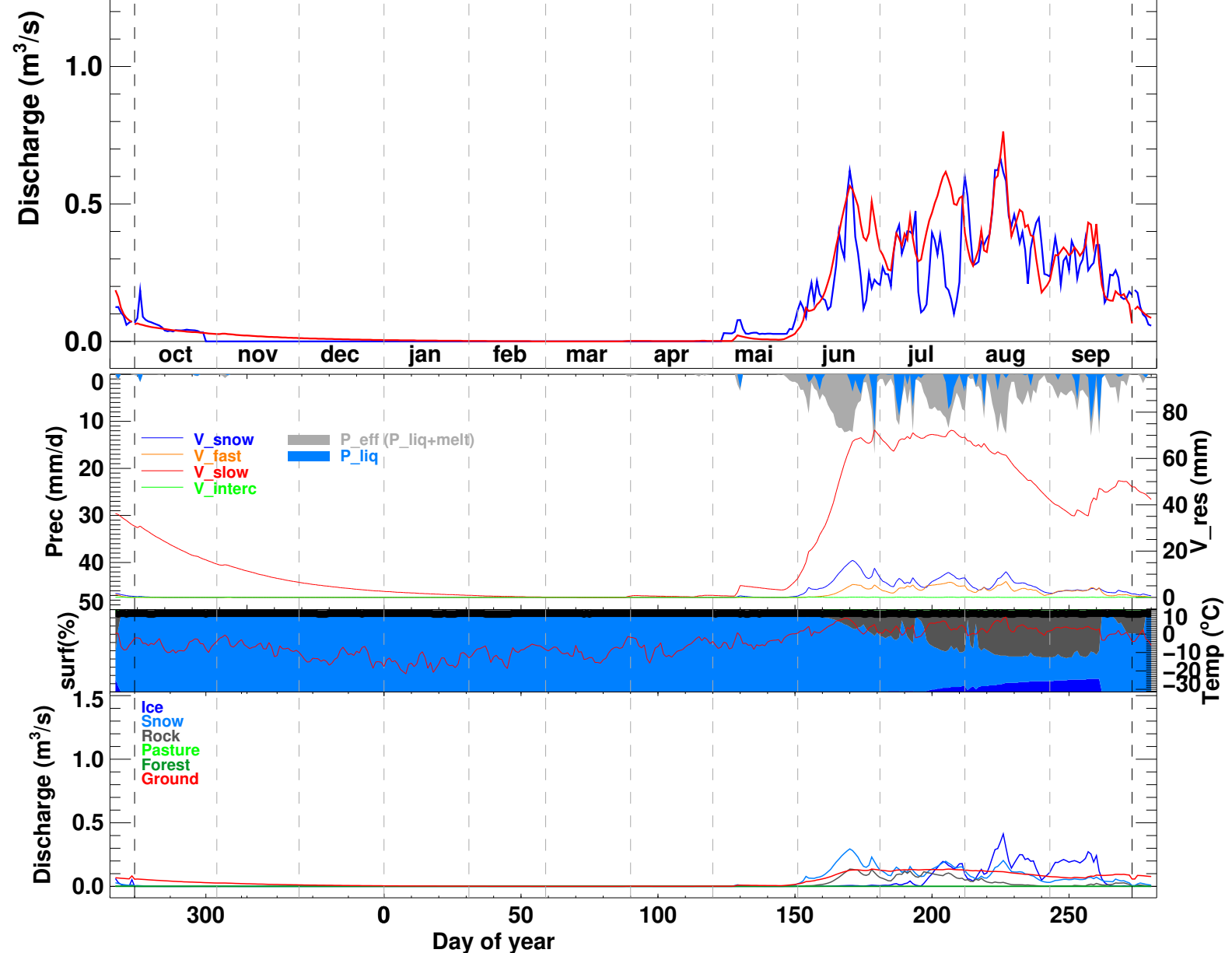


Weingartengletscher (Rotbach)

2020

2021

Measured runoff volume: 3.4 mio. m³
 Simulated runoff volume: 3.9 mio. m³
 Misfit: 15.75 %

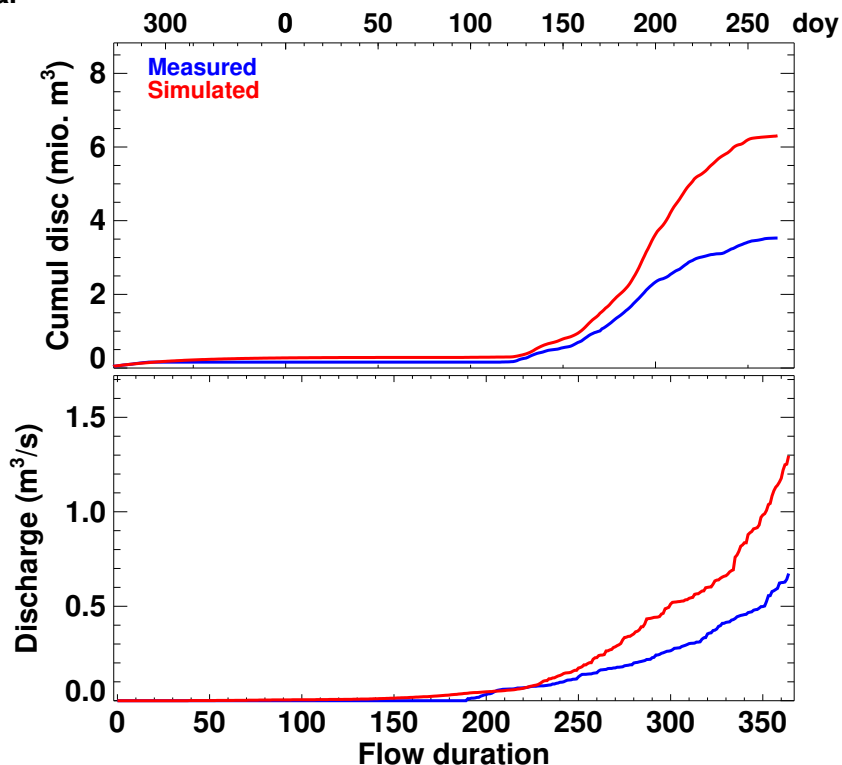
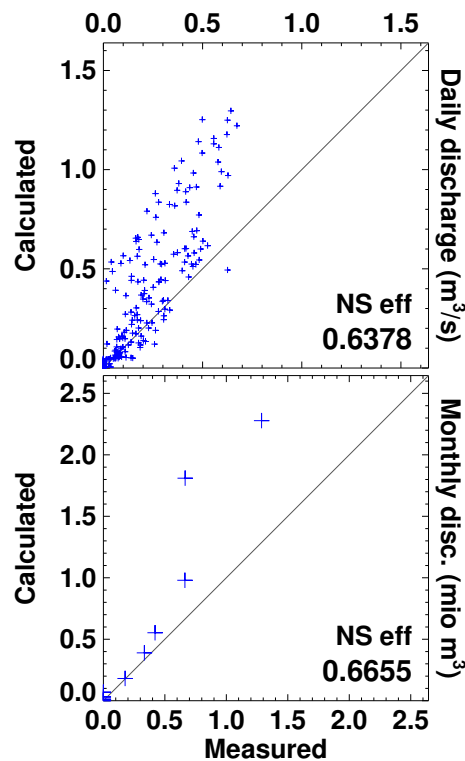
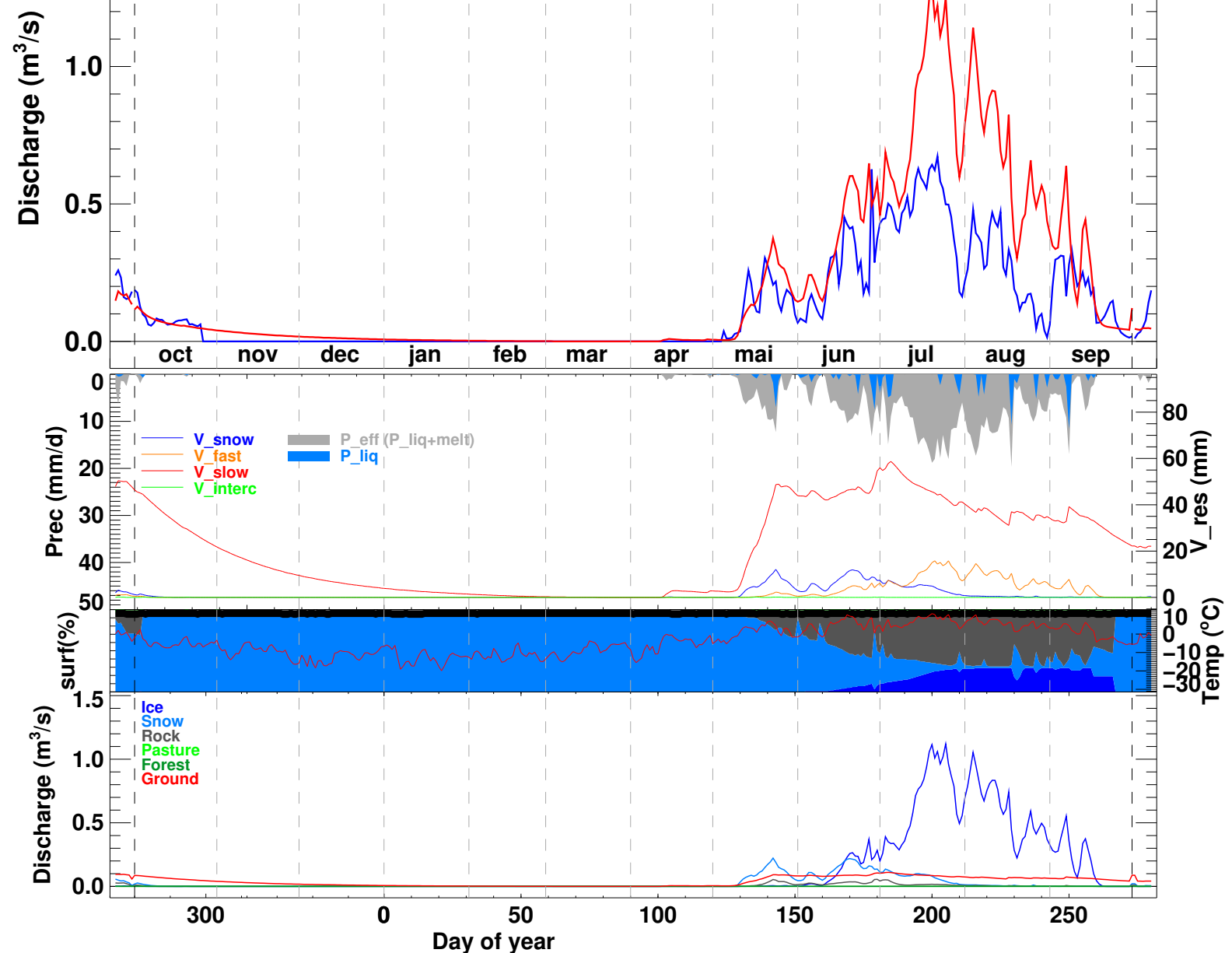


Weingartengletscher (Rotbach)

2021

2022

Measured runoff volume: 3.5 mio. m³
 Simulated runoff volume: 6.3 mio. m³
 Misfit: 80.48 %

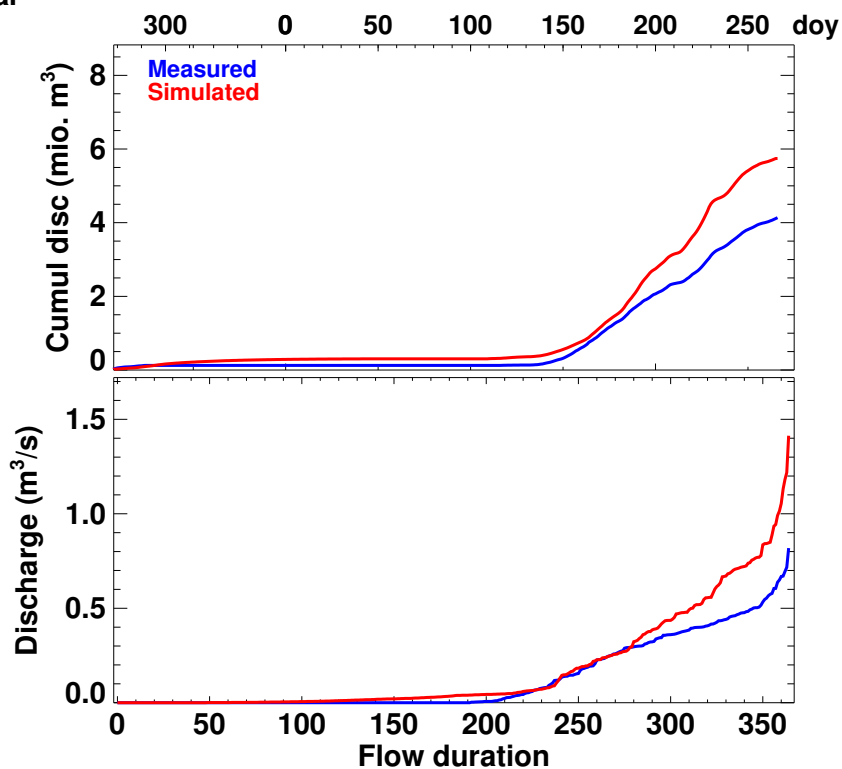
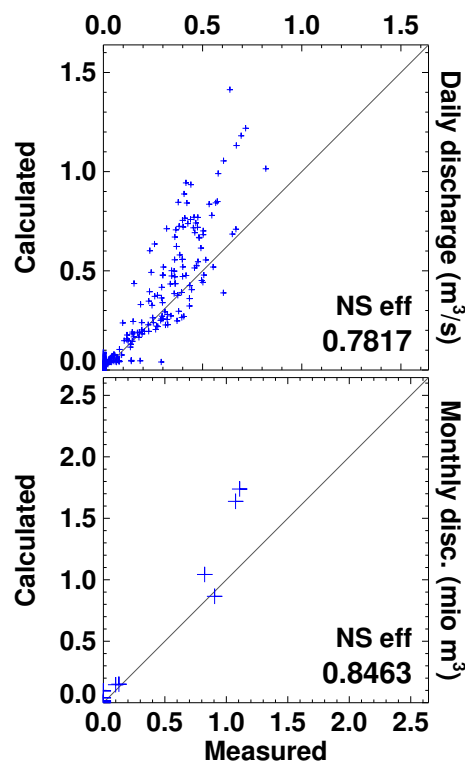
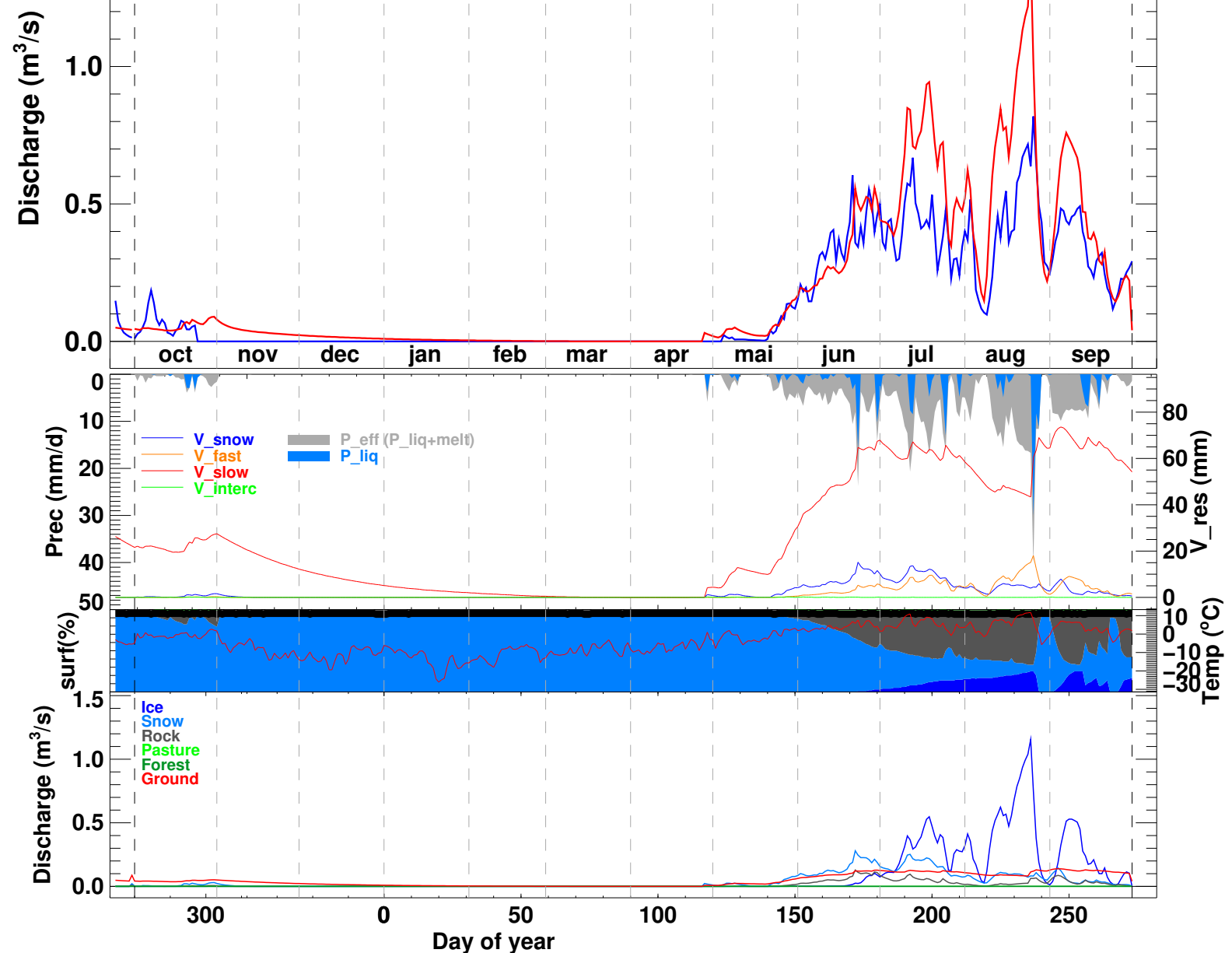


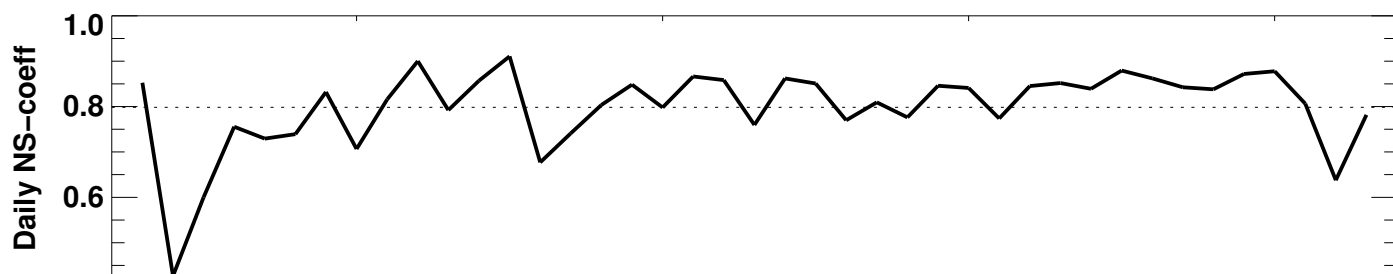
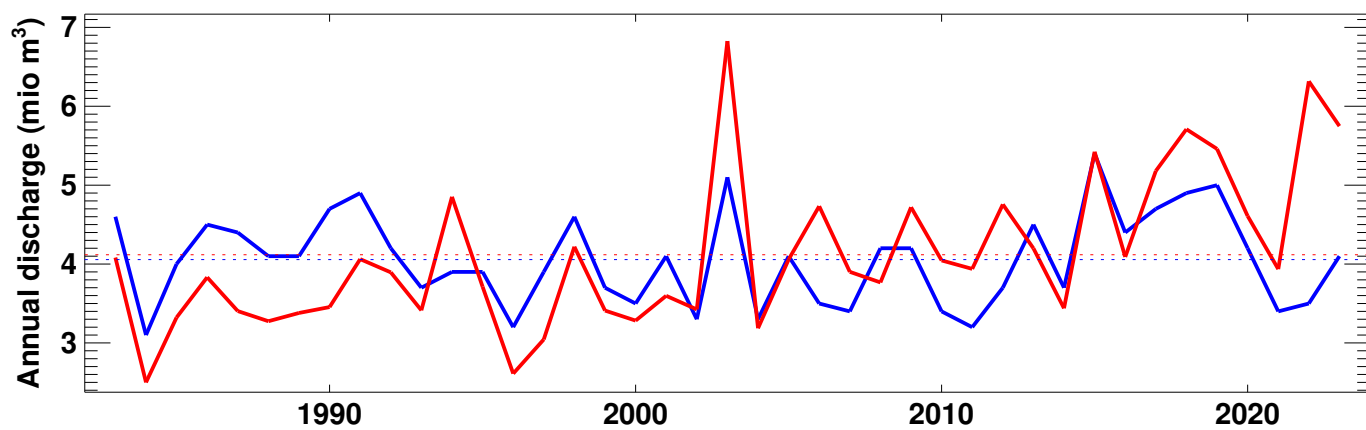
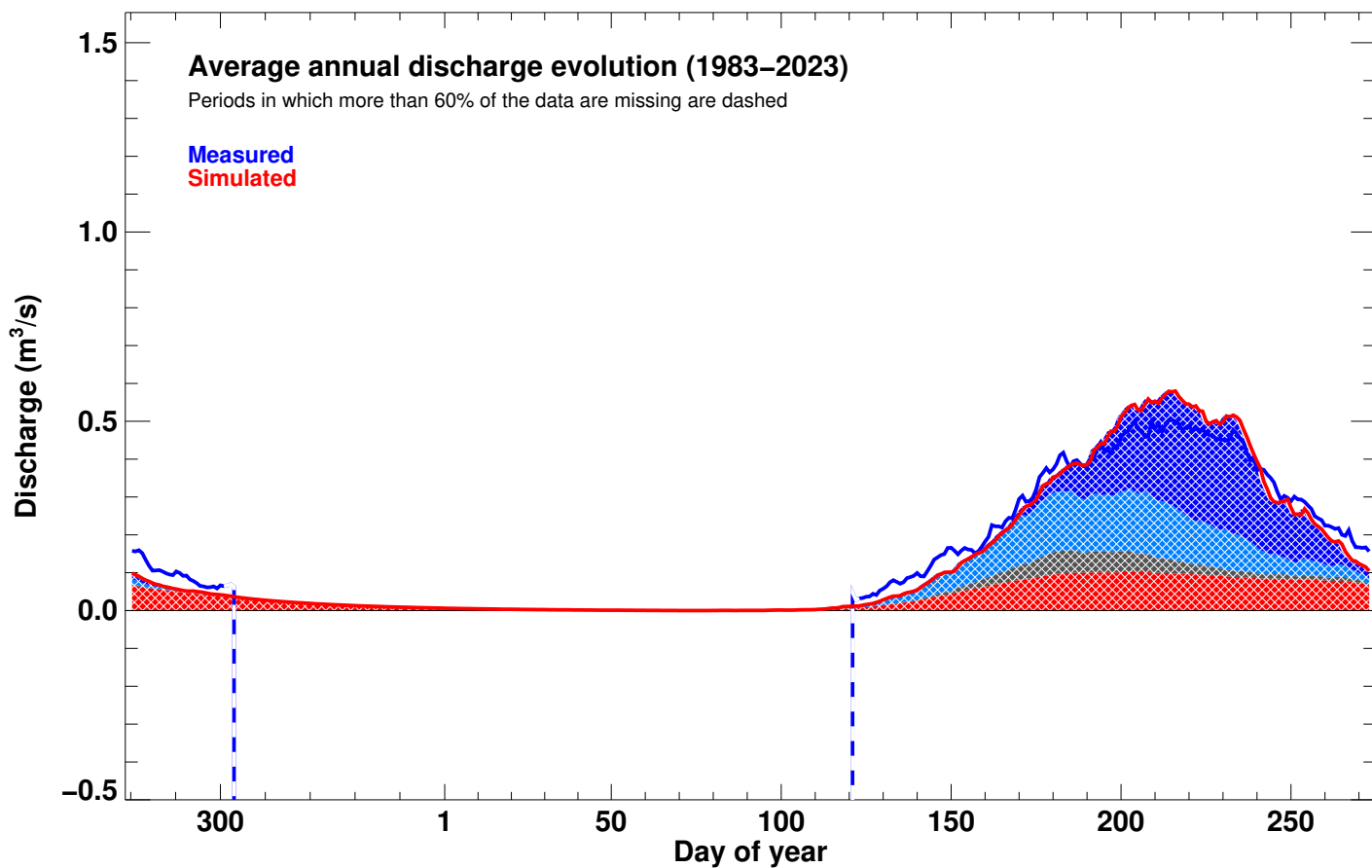
Weingartengletscher (Rotbach)

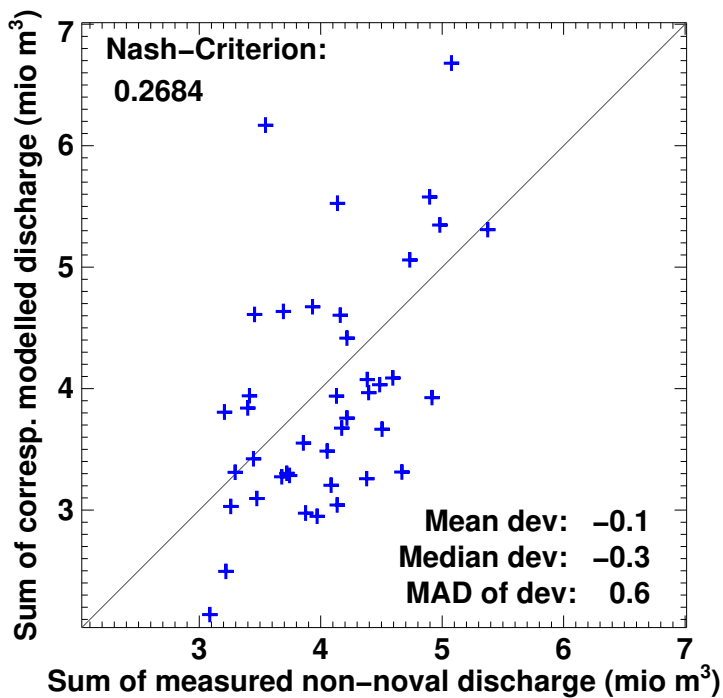
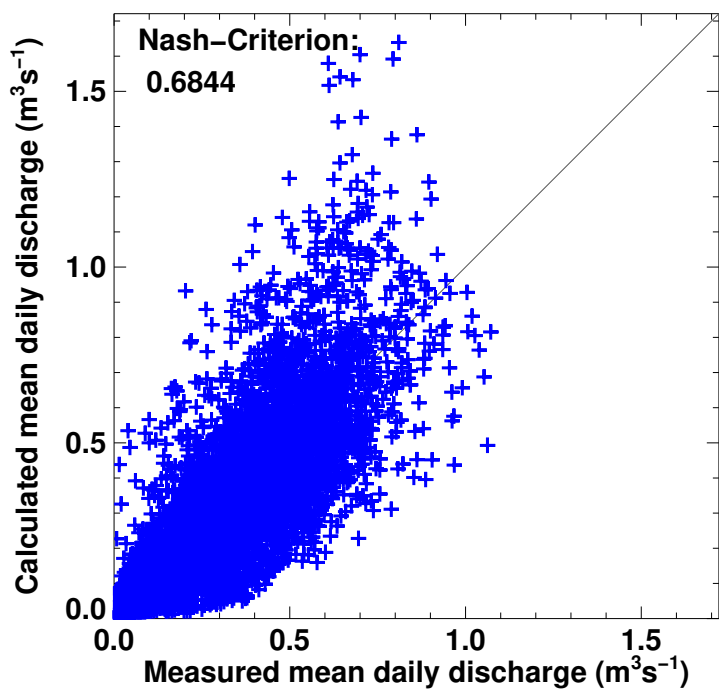
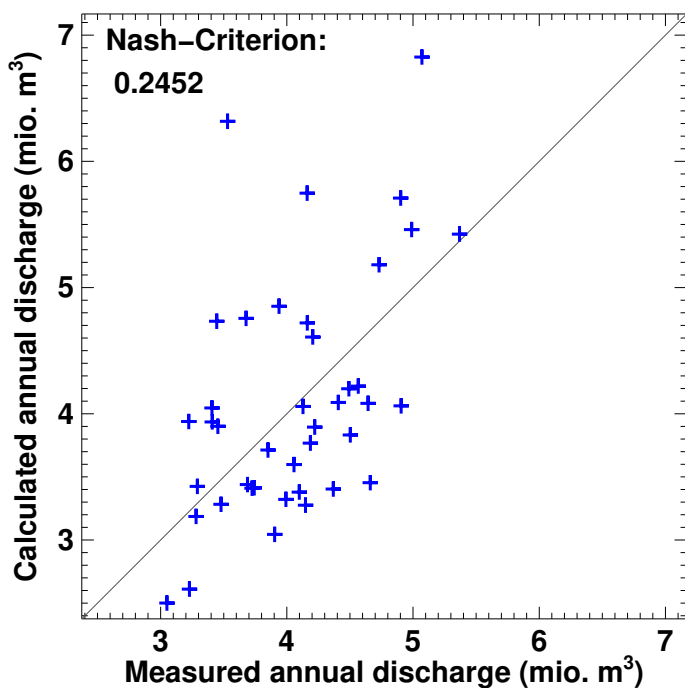
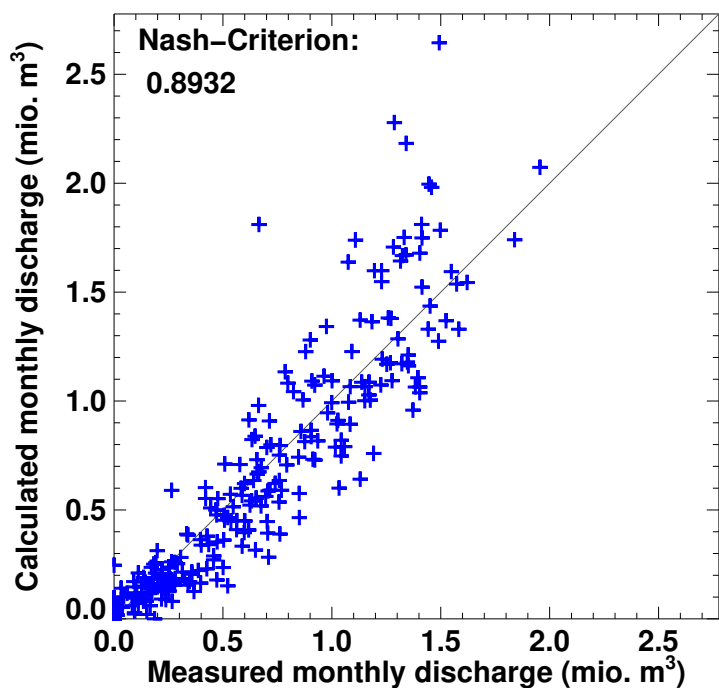
2022

2023

Measured runoff volume: 4.1 mio. m³
 Simulated runoff volume: 5.7 mio. m³
 Misfit: 40.19 %







dev = modelled - measured