

## General Information

River Name	Nevis	Catchment Area (km <sup>2</sup> )	69
Station Name	Claggan	SAAR (mm) 61-90	2930
Station Number	90003	Mean Annual Rain (mm) 62-91	2873
Grid Reference	NN116742	Mean Annual PE (mm) 62-91	467
EA Region	SEPA-NW	Observed flow record	1982 to 2005



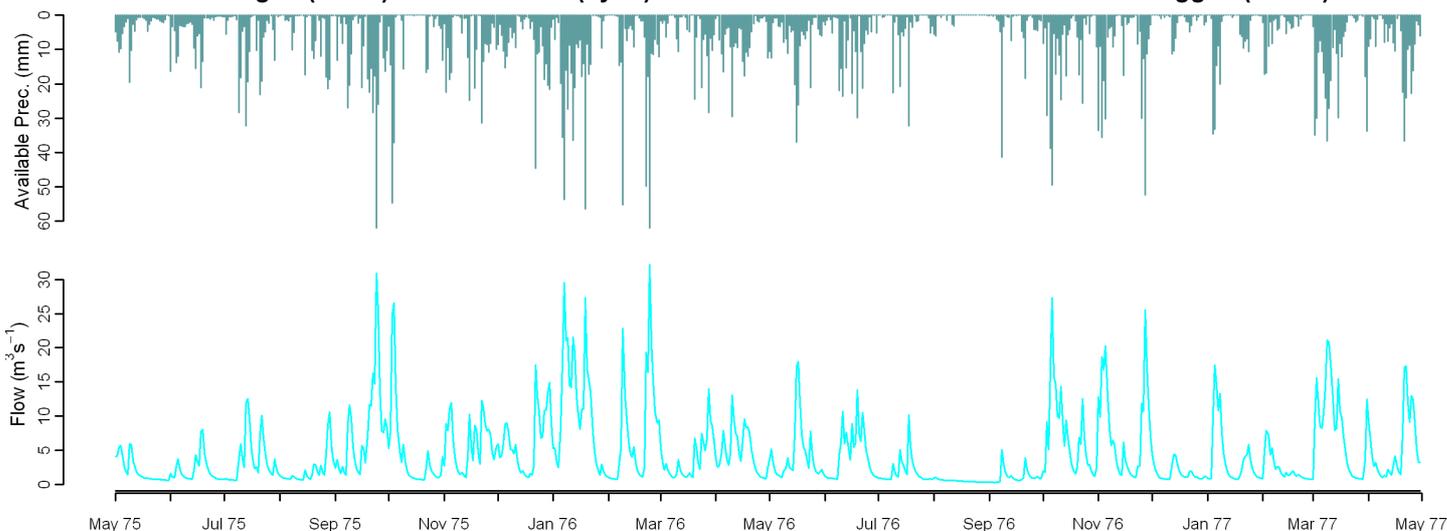
## Observed Data

## Comparison of gauged and simulated flow

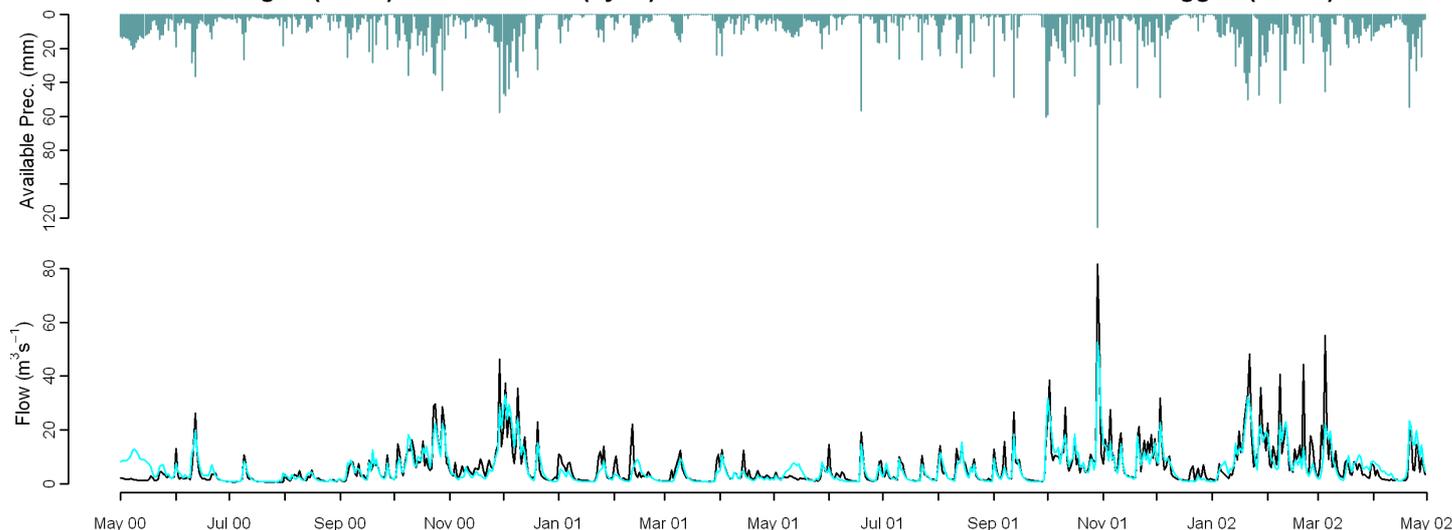
## Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-7.3	-13.8	-15.6	-15.3	8.0	27.2	9.9	-4.9	-12.2	-8.0	-4.1	-8.8	-14.4	0.69
Performance Band	1	2	2	2	2	2	1	1	1	1	1	1	2	1
MORECS (1962-1991)	-7.7	-7.9	-8.4	-13.9	-1.6	1.3	-4.6	-3.9	-14.2	-9.6	-3.8	-5.3	-11.1	0.72
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	-13.4	-17.3	4.3	6.7	-15.3									
Performance Band	1	1	1	1	2									
MORECS (1962-1991)	-17.5	-25.9	-5.8	2.2	-11.7									

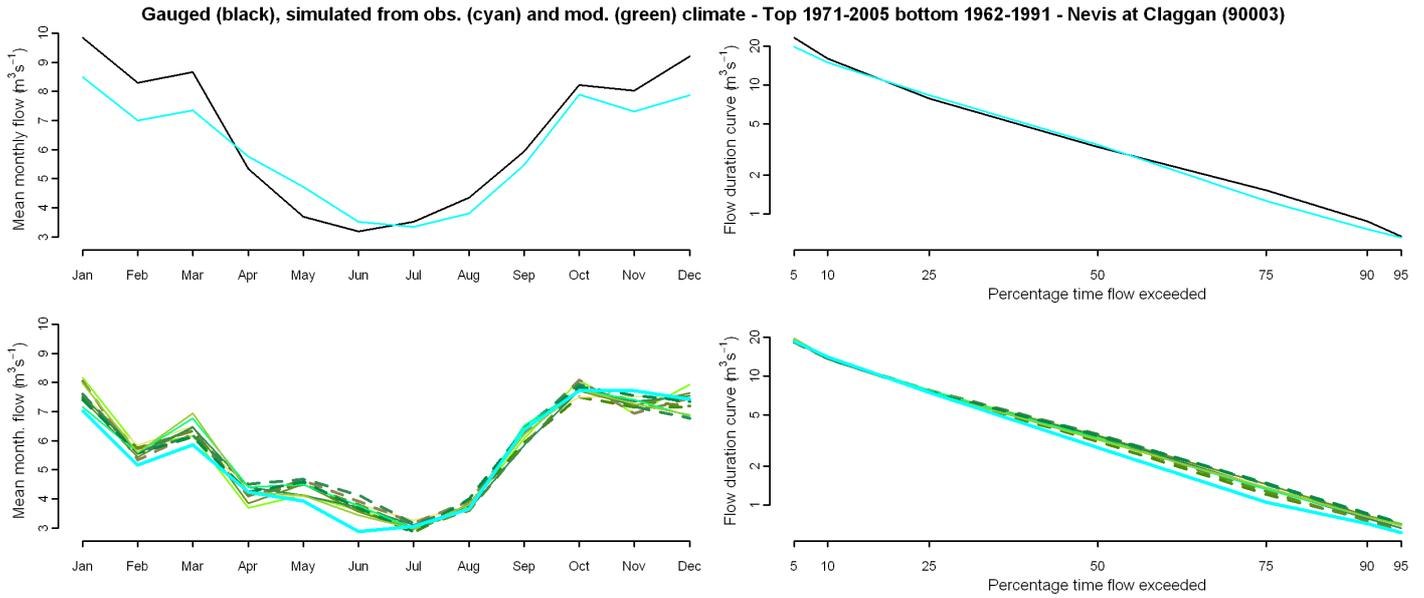
Gauged (black) and simulated (cyan) flows from observed climate - Nevis at Claggan (90003)



Gauged (black) and simulated (cyan) flows from observed climate - Nevis at Claggan (90003)



Comparison of gauged and simulated flow (observed and modelled climate)



Percentage difference between flow simulated from observed climate and Future Flows Climate

	afgcx	afixa	afixc	afixh	afixi	afixj	afixk	afixl	afixm	afixo	afixq
Annual	4	4	5	8	5	3	4	6	5	5	5
January	14	13	7	12	7	9	6	6	-1	4	20
April	-13	-1	-5	-2	-7	-2	2	4	4	1	-1
July	1	-3	6	14	-1	-1	8	5	-2	0	-1
October	6	4	-2	7	1	1	4	4	1	2	5
Q90	15	8	12	18	13	5	9	16	14	19	13
Q75	29	17	28	41	35	21	28	37	28	39	31
Q50	20	13	23	29	23	18	23	25	19	24	16
Q25	0	0	3	4	1	1	1	2	3	0	0
Q5	-1	1	-2	-2	-2	0	0	-2	1	-3	4
RP2	8	16	10	-1	6	4	3	7	6	3	7
RP10	-6	-6	-8	-11	-3	-10	-13	-4	-9	-7	-7

Climate change graphs for 2050s

