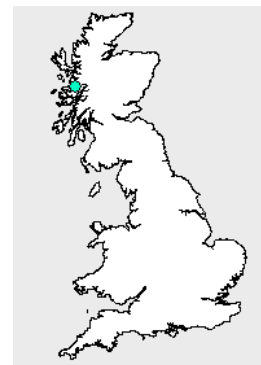


## General Information

River Name	Allt Coire nan Con	Catchment Area (km <sup>2</sup> )	8
Station Name	Polloch	SAAR (mm) 61-90	2520
Station Number	92002	Mean Annual Rain (mm) 62-91	2520
Grid Reference	NM793688	Mean Annual PE (mm) 62-91	470
EA Region	SEPA-NW	Observed flow record	1986 to 2005



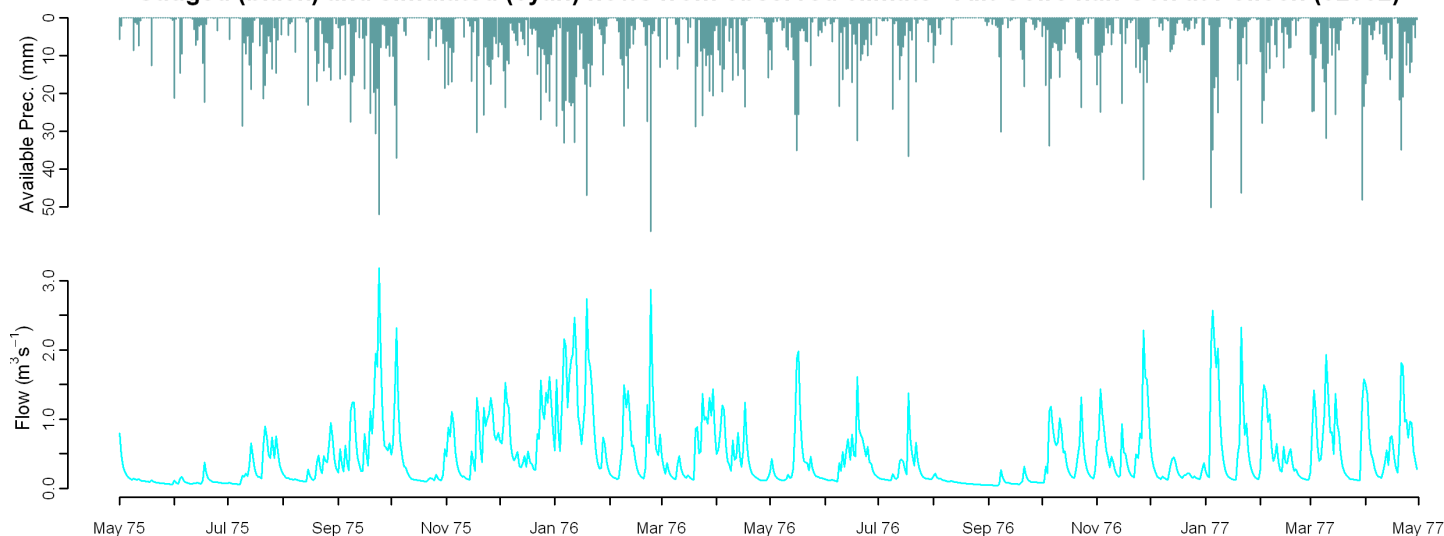
## Observed Data

## Comparison of gauged and simulated flow

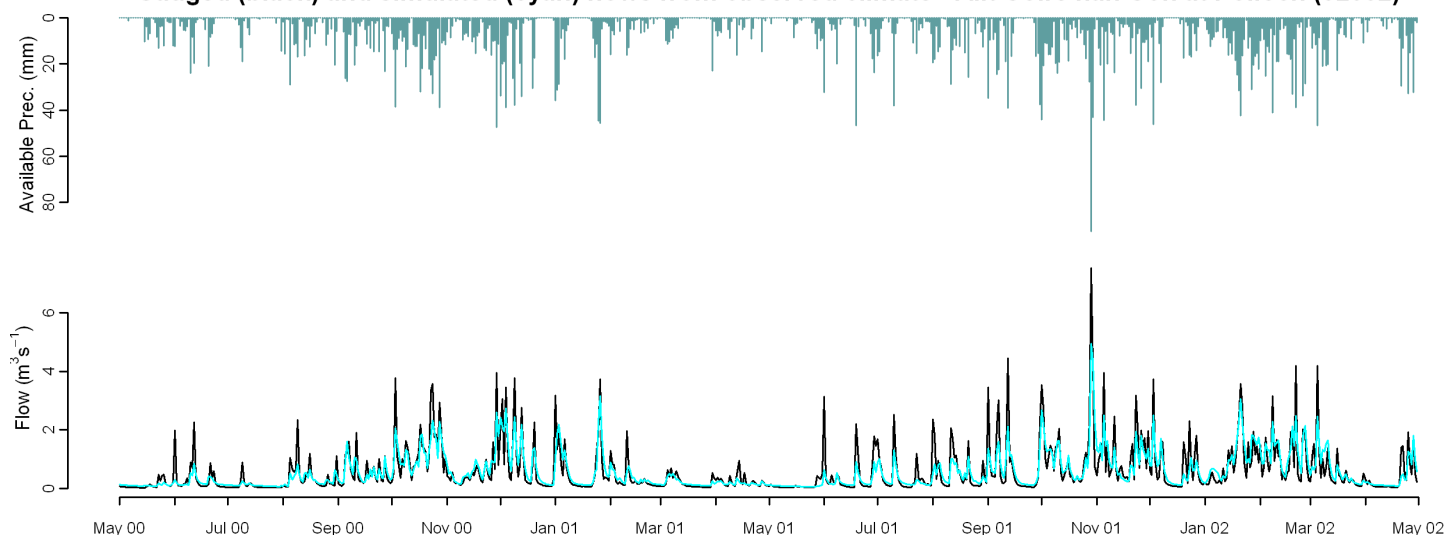
## Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	2.0	13.1	-0.2	1.2	-0.4	-8.6	-24.1	-22.6	-11.3	-2.6	2.2	9.2	9.4	0.69
Performance Band	1	2	2	2	2	2	3	2	1	1	1	1	2	1
MORECS (1962-1991)	4.7	16.8	-19.6	1.3	2.7	-15.1	-18.1	-23.0	-15.0	-4.0	4.8	9.7	0.7	0.72
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	114.0	42.3	19.1	14.9	-13.5									
Performance Band	1	1	1	1	2									
MORECS (1962-1991)	126.5	39.9	10.2	14.1	-14.0									

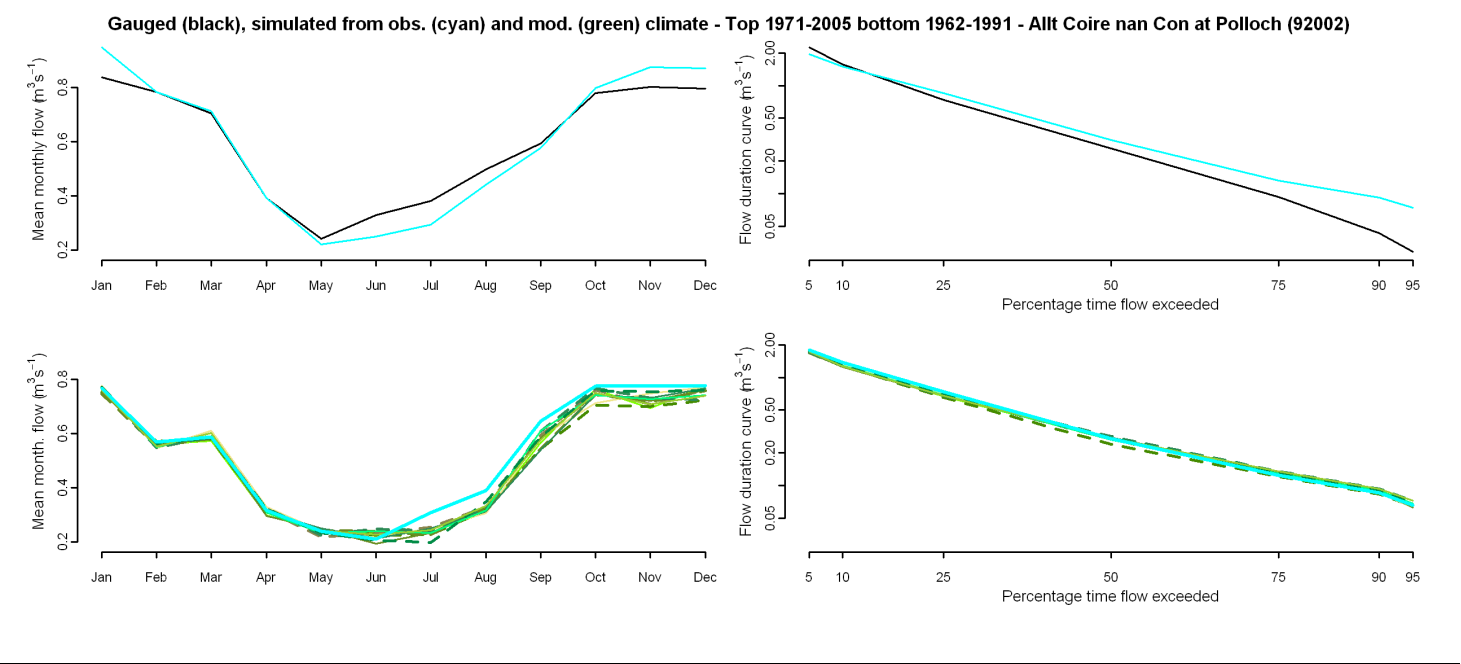
Gauged (black) and simulated (cyan) flows from observed climate - Allt Coire nan Con at Polloch (92002)



Gauged (black) and simulated (cyan) flows from observed climate - Allt Coire nan Con at Polloch (92002)



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	-5	-4	-4	-1	-3	-5	-4	-2	-3	-3	-3
January	-2	4	0	-1	0	0	-3	-1	-2	-1	4
April	-4	2	-3	0	-5	0	-5	-3	-7	0	-2
July	-24	-25	-20	-11	-23	-25	-16	-19	-26	-28	-21
October	1	-3	-7	1	-4	-5	-2	0	-4	-2	1
Q90	0	-1	-5	7	1	0	0	8	4	6	8
Q75	3	-2	1	5	5	1	4	7	3	6	9
Q50	-3	-10	-4	1	2	-3	2	3	-3	0	2
Q25	-11	-10	-8	-7	-7	-7	-9	-9	-8	-8	-8
Q5	-4	-2	-5	-3	-5	-6	-4	-5	-2	-2	-2
RP2	15	24	18	13	14	15	13	17	12	13	12
RP10	18	26	15	19	17	16	11	20	16	18	12

Climate change graphs for 2050s

