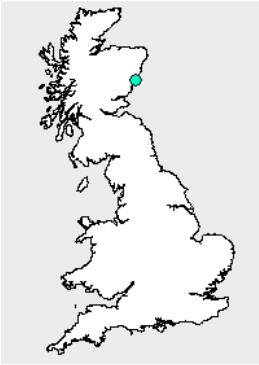


General Information

River Name	Bervie	Catchment Area (km2)	123
Station Name	Inverbervie	SAAR (mm) 61-90	889
Station Number	13001	Mean Annual Rain (mm) 62-91	888
Grid Reference	NO826733	Mean Annual PE (mm) 62-91	509
EA Region	SEPA-NE	Observed flow record	1979 to 2005



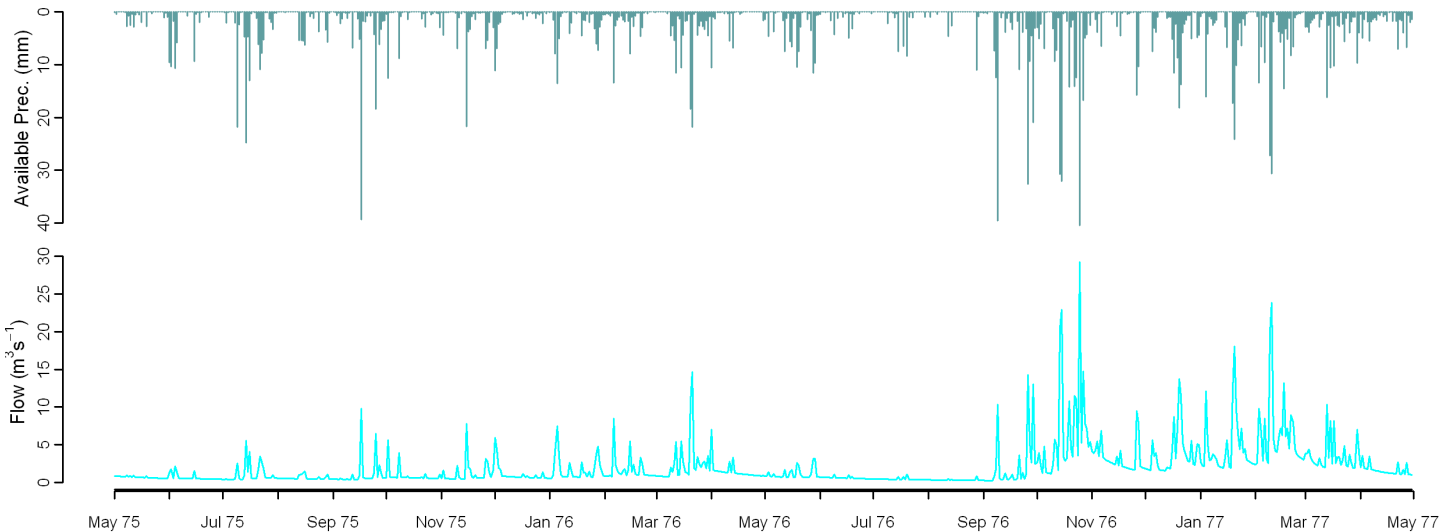
Observed Data

Comparison of gauged and simulated flow

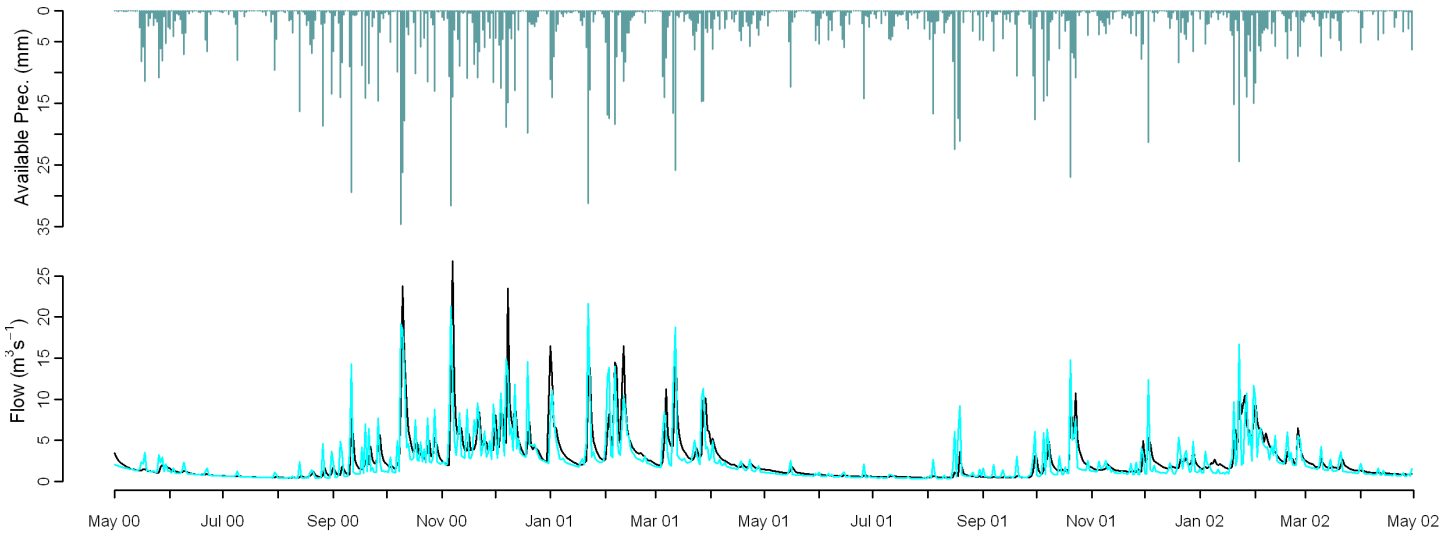
Model used: PDM

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-8.6	-9.9	-10.1	-14.7	-20.1	-13.4	-3.5	-2.2	4.3	6.8	-7.3	-5.9	-8.5	0.49
Performance Band	1	1	2	2	2	2	1	1	1	1	1	1	1	2
FAO (1962-1991)	-2.1	-3.6	-6.9	-10.5	-13.5	-5.0	2.5	1.5	6.7	13.6	2.4	-0.4	-0.2	0.44
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	-6.6	-14.5	-18.2	-15.9	1.9	-7.2		-13.0		-15.5		-17.3		
Performance Band	1	1	2	2	1									
FAO (1962-1991)	4.6	-4.9	-8.8	-13.0	11.7	2.1		-4.2		-7.8		-10.8		

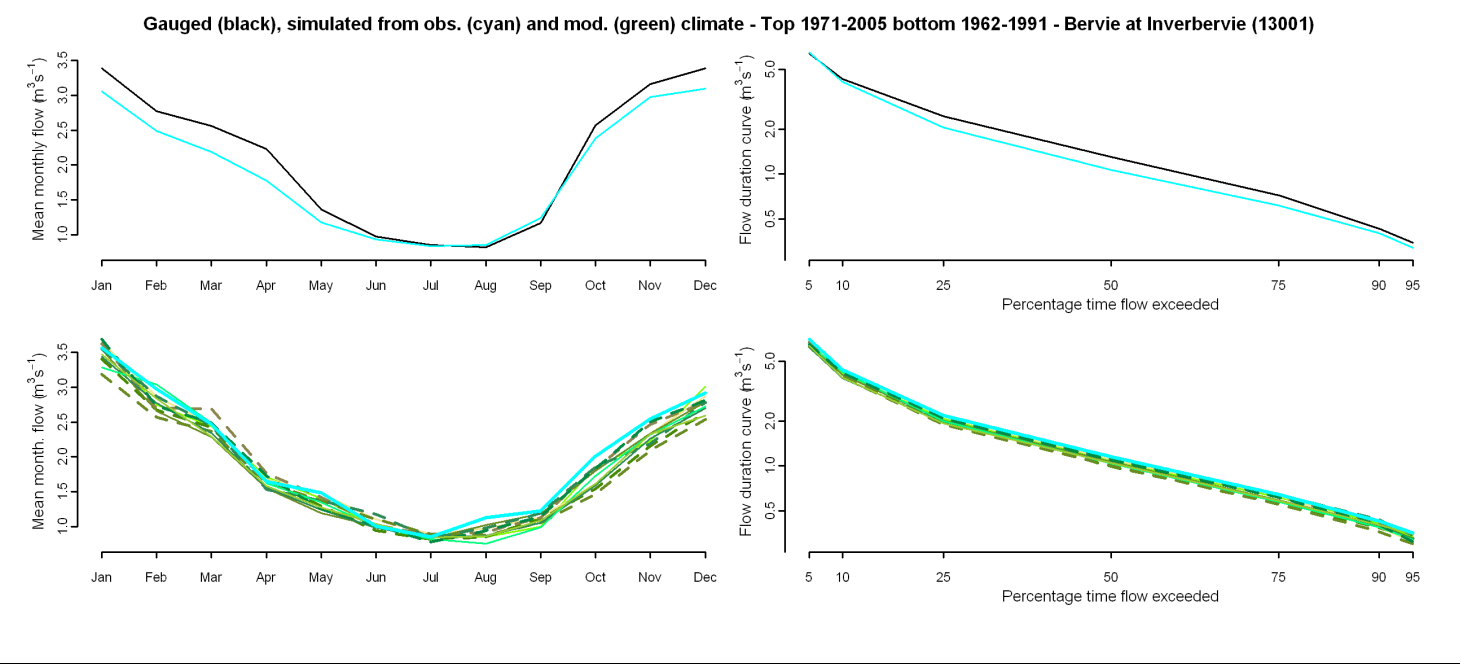
Gauged (black) and simulated (cyan) flows from observed climate - Bervie at Inverbervie (13001)



Gauged (black) and simulated (cyan) flows from observed climate - Bervie at Inverbervie (13001)



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

Climate change graphs for 2050s

