

## General Information

River Name	Spey	Catchment Area (km <sup>2</sup> )	2861
Station Name	Boat o Brig	SAAR (mm) 61-90	1118
Station Number	8006	Mean Annual Rain (mm) 62-91	1090
Grid Reference	NJ318518	Mean Annual PE (mm) 62-91	478
EA Region	SEPA-NW	Observed flow record	1961 to 2005



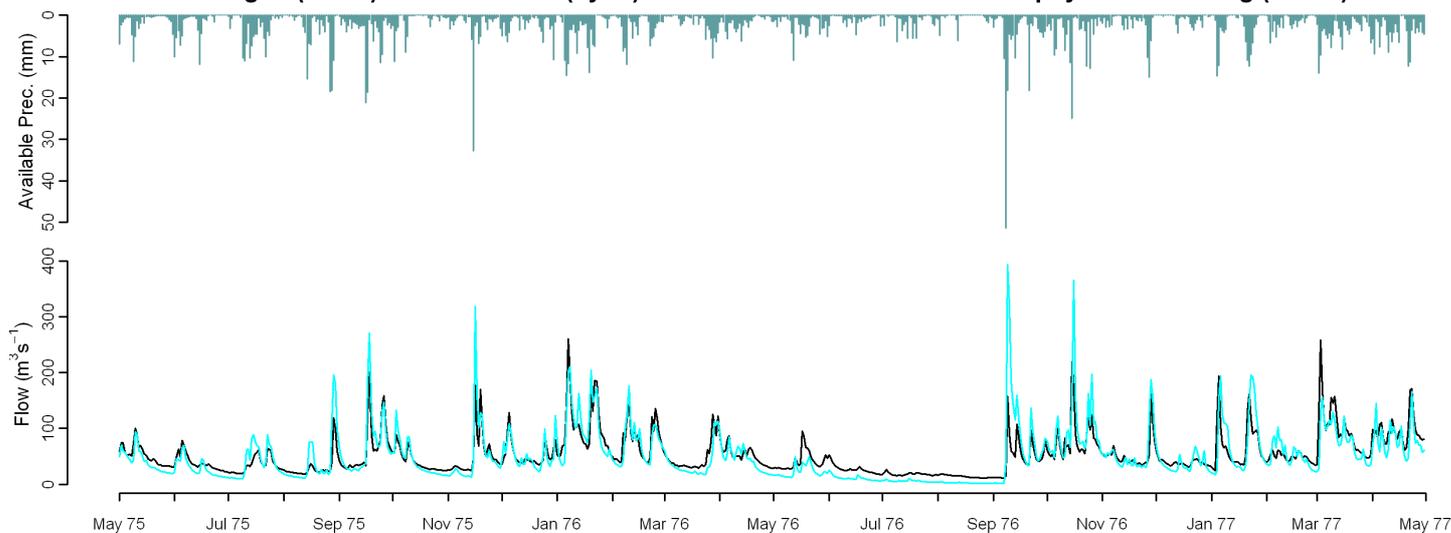
## Observed Data

## Comparison of gauged and simulated flow

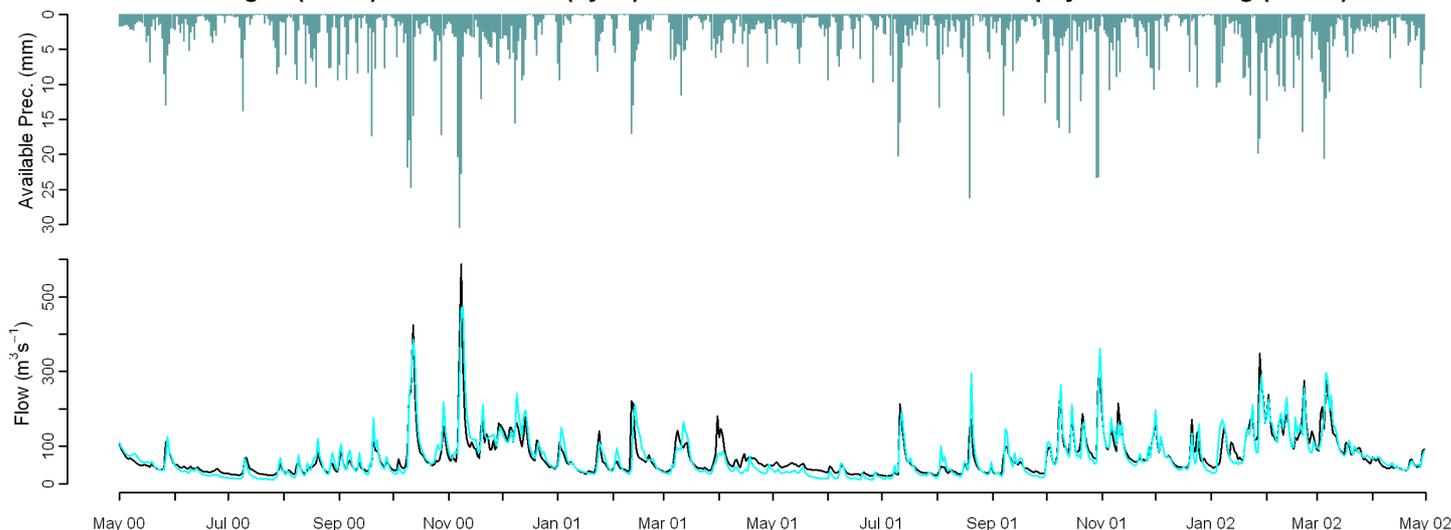
## Model used: CLASSIC

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	0.2	2.9	3.8	-4.9	-9.8	-13.3	-14.6	-11.6	0.2	10.5	8.9	7.5	8.7	0.72
Performance Band	1	1	1	1	1	2	2	2	1	2	1	1	1	1
FAO (1962-1991)	3.5	7.3	8.8	-3.9	-7.3	-10.7	-12.5	-8.7	3.1	12.5	14.4	17.7	11.6	0.68
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-39.1	-21.5	-2.4	8.3	6.9	5.5	1.6	-2.8	-7.9					
Performance Band	2	1	1	1	1									
FAO (1962-1991)	-36.3	-18.6	1.1	13.8	11.5	1.9	-6.2	-12.6	-19.0					

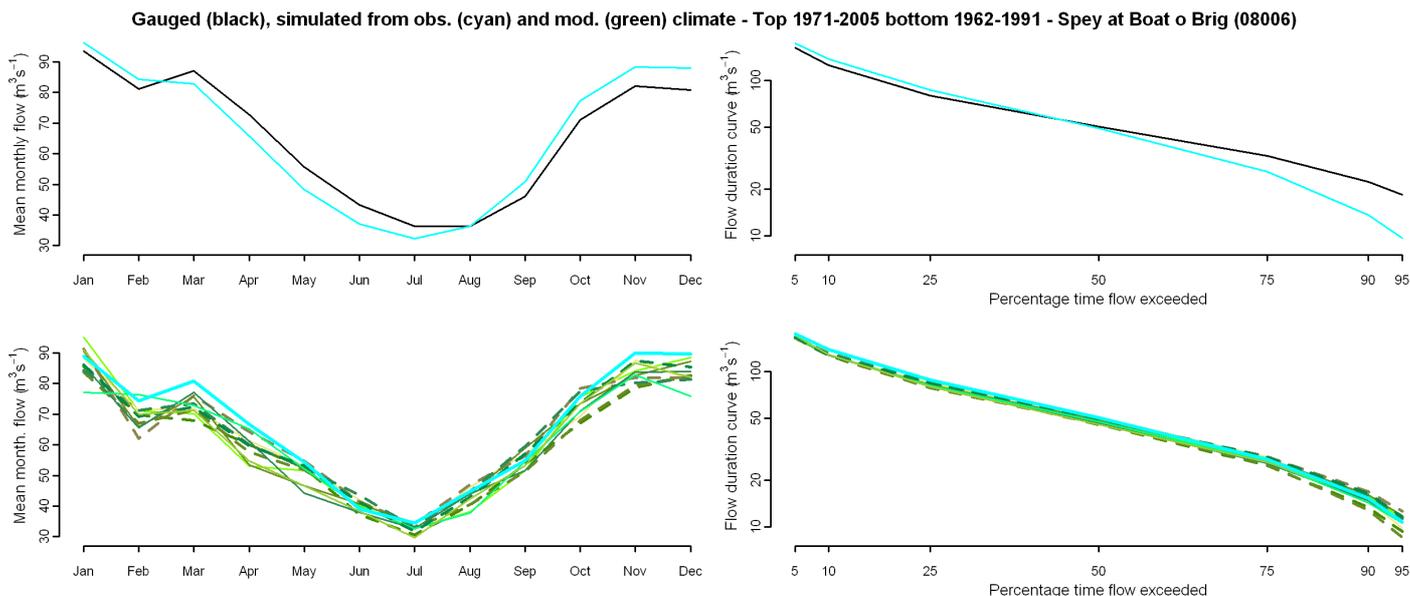
Gauged (black) and simulated (cyan) flows from observed climate - Spey at Boat o Brig (08006)



Gauged (black) and simulated (cyan) flows from observed climate - Spey at Boat o Brig (08006)



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	-7	-3	-2	-5	-8	-5	-3	-6	-4	-6
January	7	-3	-1	2	-1	-3	-5	-4	-12	-2	2
April	-22	-10	-6	-4	-19	-14	-9	-7	-2	-7	-20
July	-5	-9	0	3	1	-8	-1	-5	-4	-7	-13
October	1	-8	-7	10	-1	-10	-1	1	-4	-2	4
Q90	2	-12	-3	12	2	-16	-5	4	-8	4	0
Q75	-1	-8	5	6	-1	-8	-6	1	-4	2	-4
Q50	-5	-8	2	-1	-5	-8	-7	-1	-6	-2	-9
Q25	-5	-8	-4	-4	-8	-11	-8	-5	-9	-5	-9
Q5	-6	-6	-8	-5	-7	-7	-5	-6	-6	-6	-3
RP2	6	2	5	11	10	7	11	-2	8	0	10
RP10	17	11	6	12	28	6	25	19	18	14	24

Climate change graphs for 2050s

