

General Information

River Name	Allander Water	Catchment Area (km ²)	33
Station Name	Milngavie	SAAR (mm) 61-90	1418
Station Number	84026	Mean Annual Rain (mm) 62-91	1472
Grid Reference	NS558738	Mean Annual PE (mm) 62-91	526
EA Region	SEPA-SW	Observed flow record	1974 to 2005



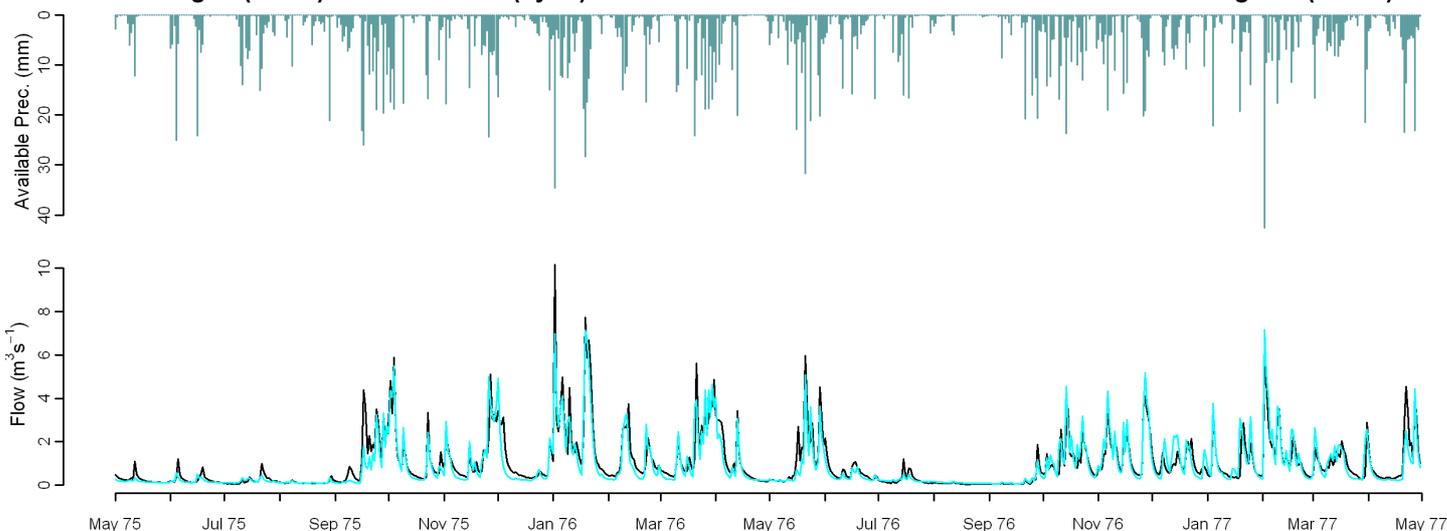
Observed Data

Comparison of gauged and simulated flow

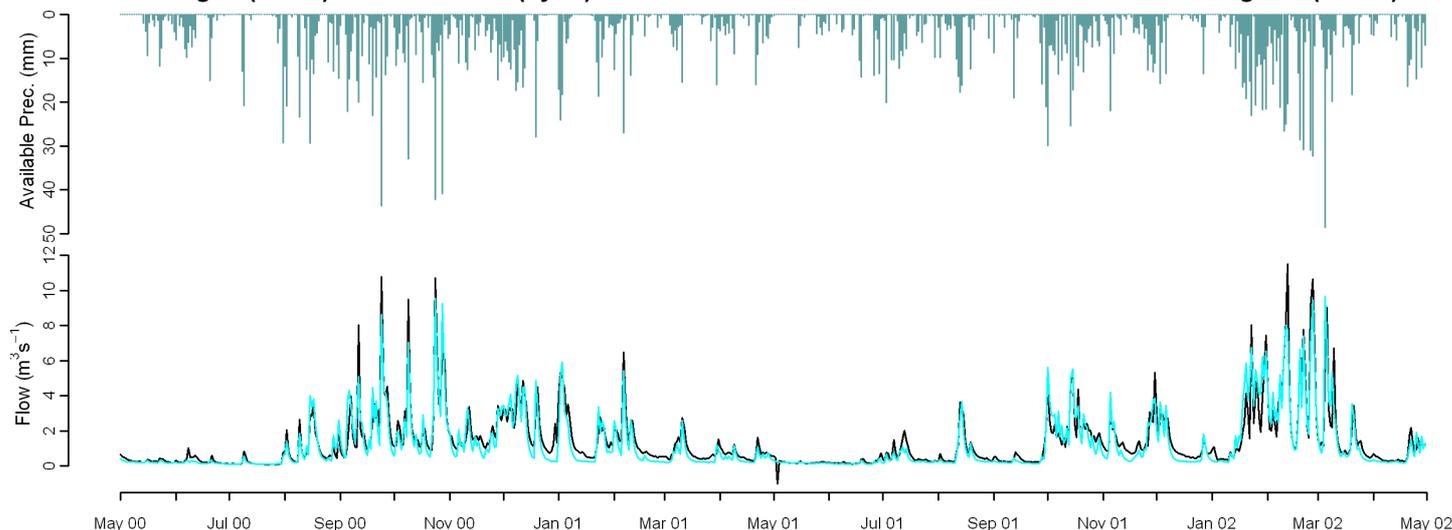
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-8.0	-2.6	-4.3	-10.6	-19.3	-23.6	-27.8	-30.8	-19.8	-12.4	-3.4	-3.9	-3.6	0.81
Performance Band	1	1	2	1	2	2	3	3	2	2	1	1	1	1
MORECS (1962-1991)	-10.8	-3.8	-5.1	-13.0	-23.3	-29.8	-37.6	-40.4	-25.2	-16.8	-6.1	-5.9	-2.2	0.79
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	-15.4	-27.1	-36.4	-5.8	2.4									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-17.2	-28.8	-39.4	-9.0	0.4									

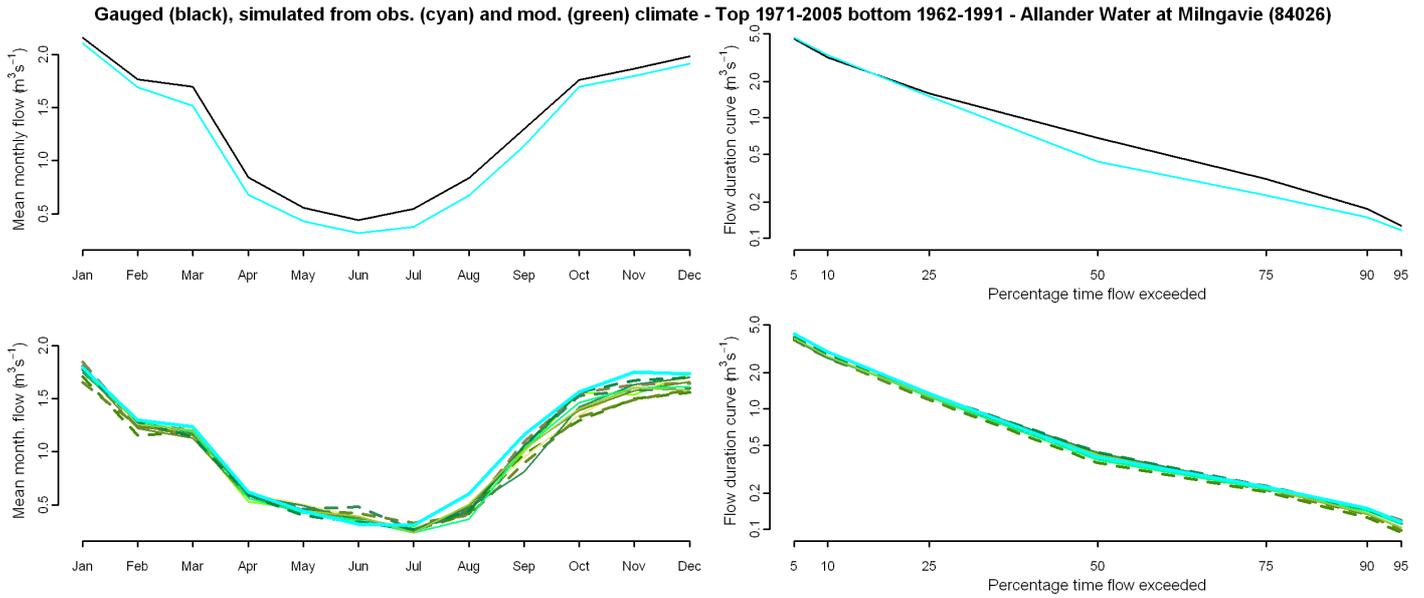
Gauged (black) and simulated (cyan) flows from observed climate - Allander Water at Milngavie (84026)



Gauged (black) and simulated (cyan) flows from observed climate - Allander Water at Milngavie (84026)



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	-8	-5	0	-6	-9	-5	-2	-6	-4	-5
January	0	-2	1	1	-1	-3	-5	2	-1	-3	4
April	-13	-6	-4	6	-8	-3	-3	-6	-10	-3	-2
July	-7	-12	-13	-13	-17	-9	-10	-14	-21	-14	-23
October	-1	-12	-16	3	-10	-14	-2	-3	-5	1	-6
Q90	-2	-14	-13	0	-13	-13	-5	-4	-4	-4	-9
Q75	0	-9	-5	2	-4	-7	-2	1	-4	-2	-3
Q50	6	-9	2	8	0	-2	10	7	-3	8	5
Q25	-3	-9	-1	0	-6	-9	0	-1	-6	-2	-4
Q5	-8	-8	-9	-7	-9	-11	-11	-6	-8	-9	-8
RP2	-2	-2	-7	3	-2	-3	-5	8	4	-2	0
RP10	-4	-2	-2	6	-2	2	-2	9	10	9	1

Climate change graphs for 2050s

