

General Information

River Name	Clyde	Catchment Area (km ²)	1704
Station Name	Blairston	SAAR (mm) 61-90	1138
Station Number	84005	Mean Annual Rain (mm) 62-91	1153
Grid Reference	NS704579	Mean Annual PE (mm) 62-91	474
EA Region	SEPA-SW	Observed flow record	1961 to 2006



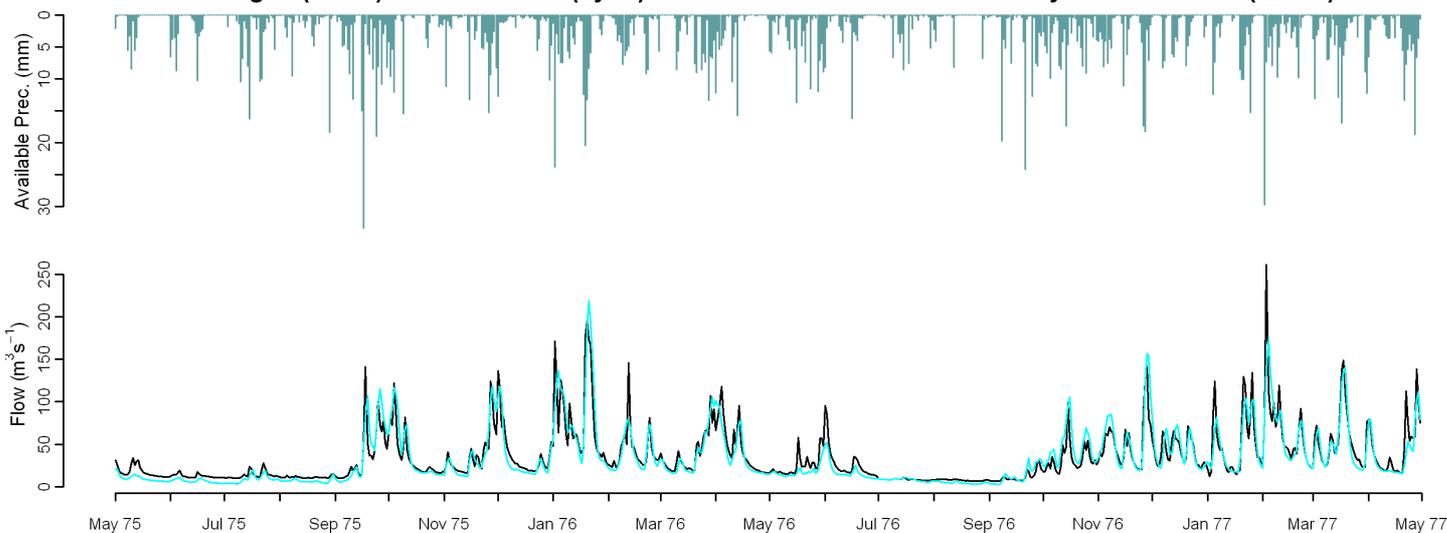
Observed Data

Comparison of gauged and simulated flow

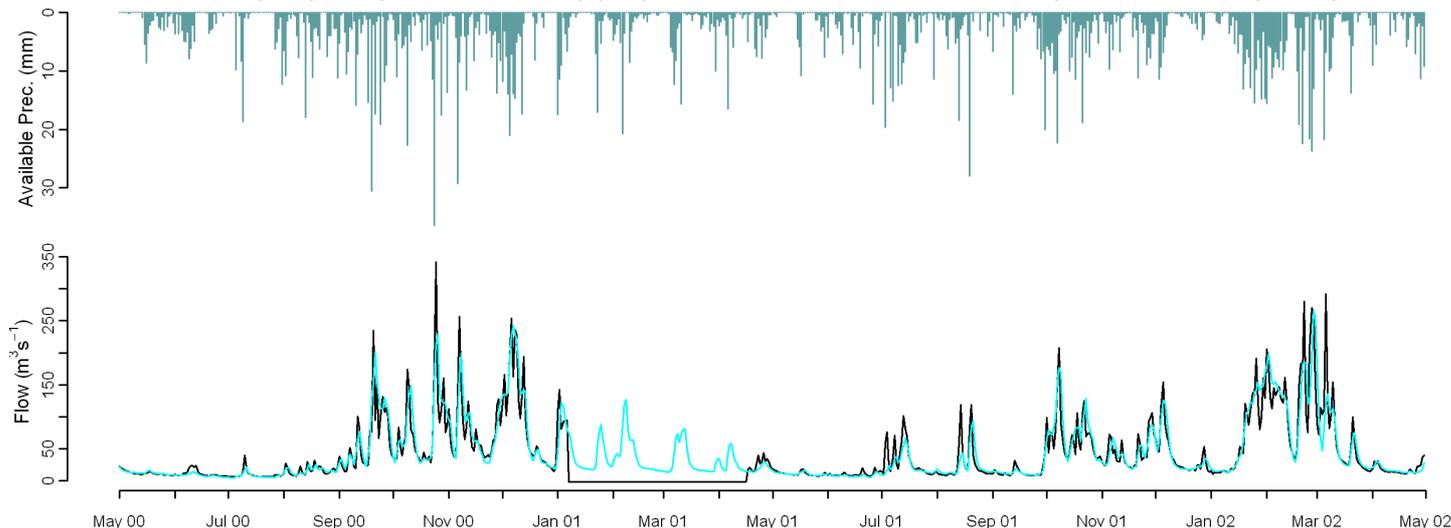
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-3.0	-1.6	-0.9	-5.2	-11.3	-21.3	-21.7	-20.2	-8.2	-1.1	6.0	3.1	1.9	0.79
Performance Band	1	1	1	1	1	2	2	2	2	1	1	1	1	1
MORECS (1962-1991)	-3.5	-0.6	-1.2	-5.5	-10.4	-20.5	-22.0	-18.0	-8.2	0.0	2.2	4.0	0.8	0.77
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-13.1	-4.1	-12.5	-2.0	1.6									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-14.3	-4.7	-11.9	0.2	0.4									

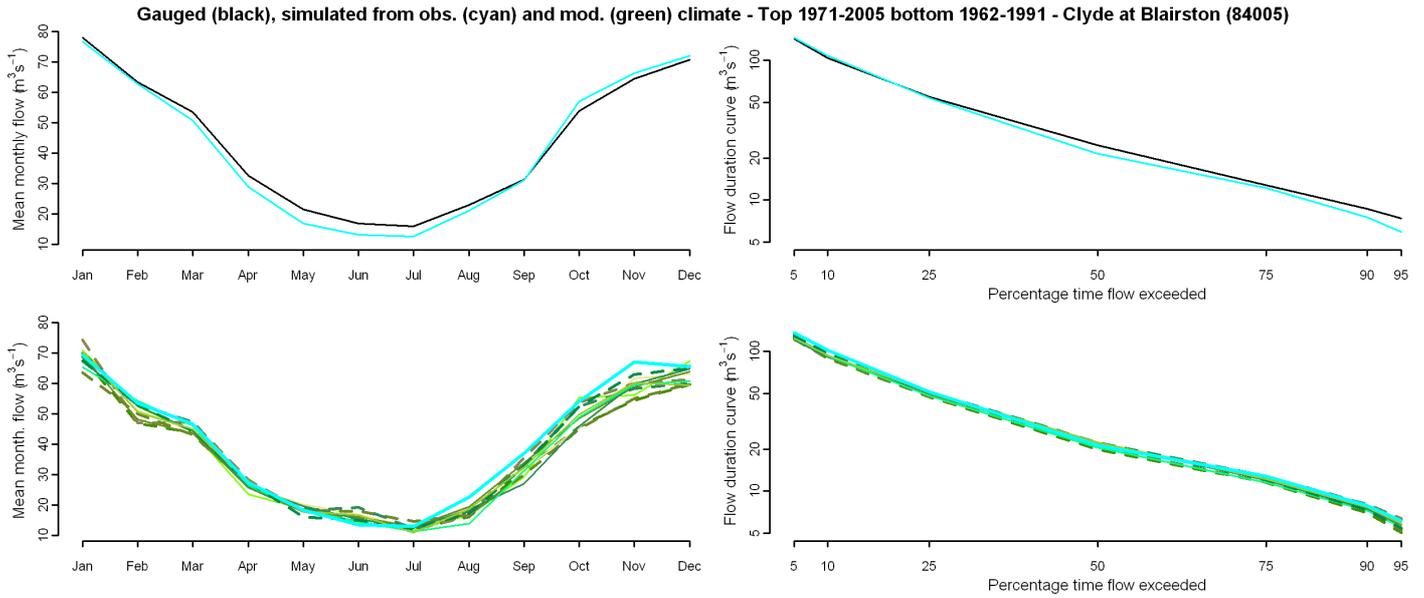
Gauged (black) and simulated (cyan) flows from observed climate - Clyde at Blairston (84005)



Gauged (black) and simulated (cyan) flows from observed climate - Clyde at Blairston (84005)



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	-6	-3	0	-5	-7	-5	-2	-6	-3	-5
January	3	1	3	5	0	-4	-5	2	-5	-6	5
April	-11	-4	-2	10	-6	-2	-2	0	-4	3	-1
July	-8	0	-5	-8	-2	-2	-3	-7	-13	-8	-16
October	1	-11	-18	3	-9	-16	-6	-6	-10	-2	-5
Q90	-1	-9	-4	3	-10	-9	-7	1	-8	-12	-5
Q75	-2	-8	-3	0	-5	-11	-6	0	-9	-6	-4
Q50	2	-5	4	4	1	-2	5	6	-4	4	5
Q25	-2	-6	0	1	-4	-7	0	1	-6	-1	-1
Q5	-7	-8	-9	-2	-9	-9	-11	-4	-6	-8	-9
RP2	-9	-5	-6	-3	-2	2	-6	-6	-2	-8	-3
RP10	-15	-1	-9	-10	9	-6	-4	-1	-3	-1	0

Climate change graphs for 2050s

