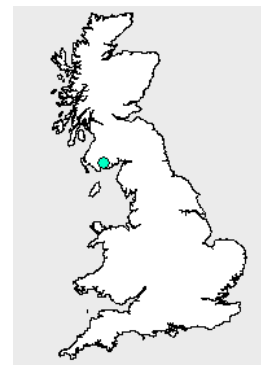


General Information

River Name	Water of Fleet	Catchment Area (km2)	77
Station Name	Rusko	SAAR (mm) 61-90	1813
Station Number	81007	Mean Annual Rain (mm) 62-91	1813
Grid Reference	NX592590	Mean Annual PE (mm) 62-91	491
EA Region	SEPA-SW	Observed flow record	1988 to 2005



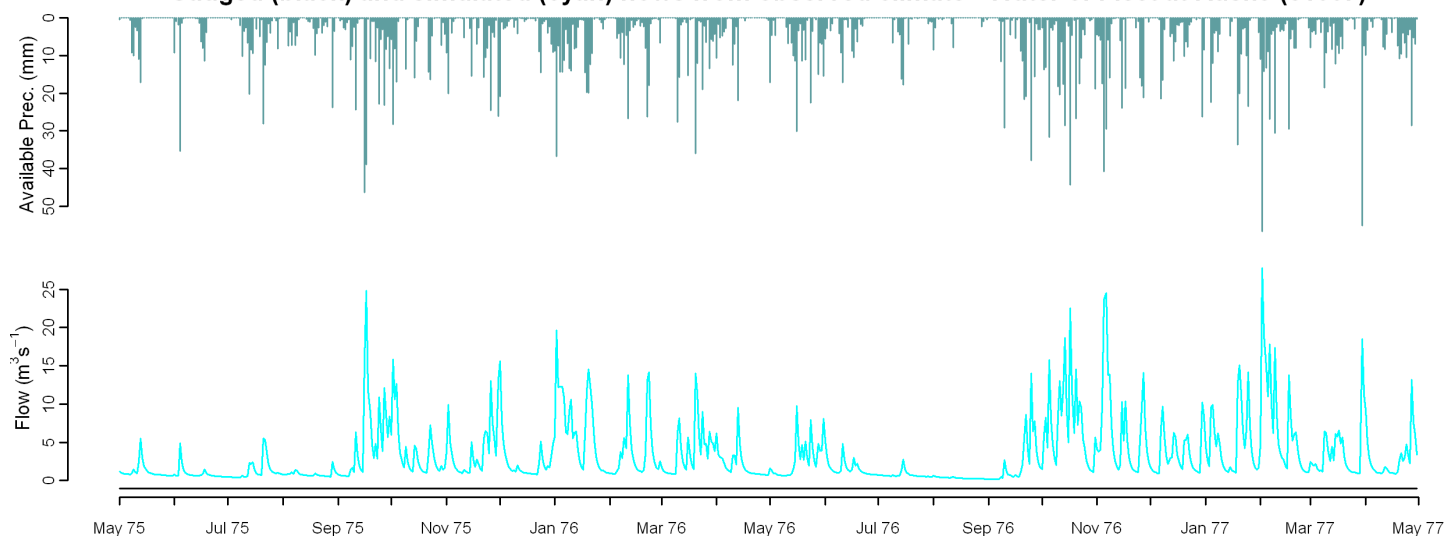
Observed Data

Comparison of gauged and simulated flow

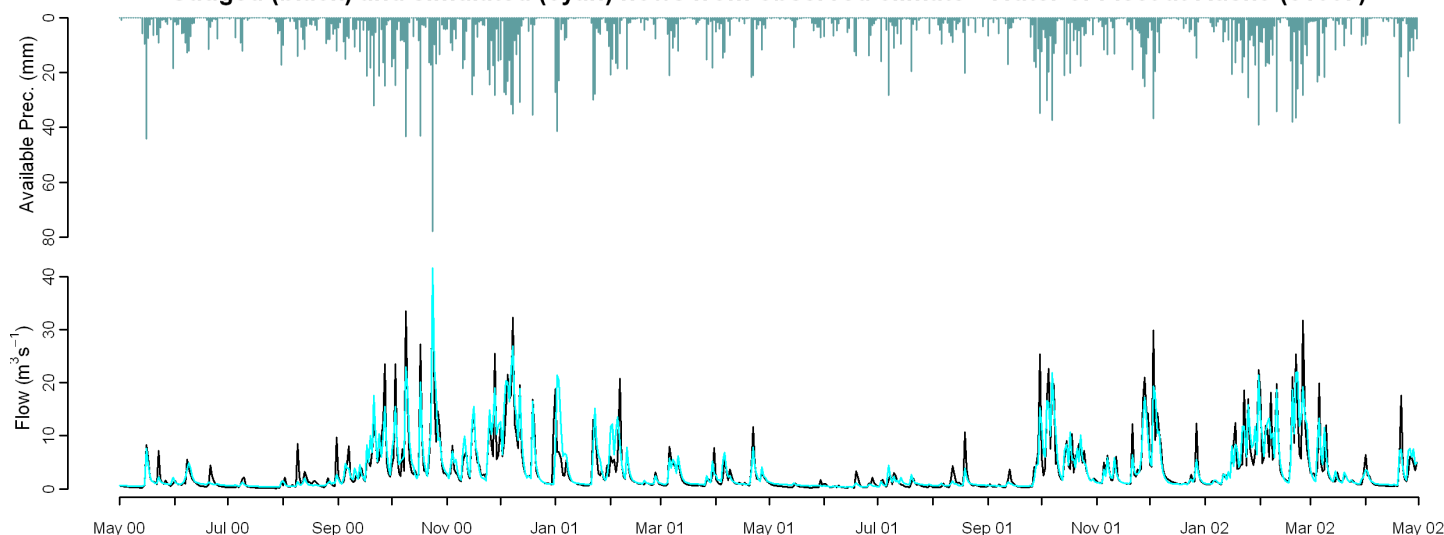
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	5.0	13.7	9.9	5.1	-2.6	-5.0	-7.6	-2.5	3.9	10.7	5.9	2.9	3.8	0.74
Performance Band	1	2	2	2	2	2	2	1	2	1	1	1	1	1
MORECS (1962-1991)	3.6	16.6	15.1	2.7	-4.4	-3.6	-13.1	-0.6	2.3	9.9	-4.4	0.5	4.3	0.79
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	73.8	26.5	-1.2	15.5	2.8									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	60.0	22.6	0.6	16.4	7.8									

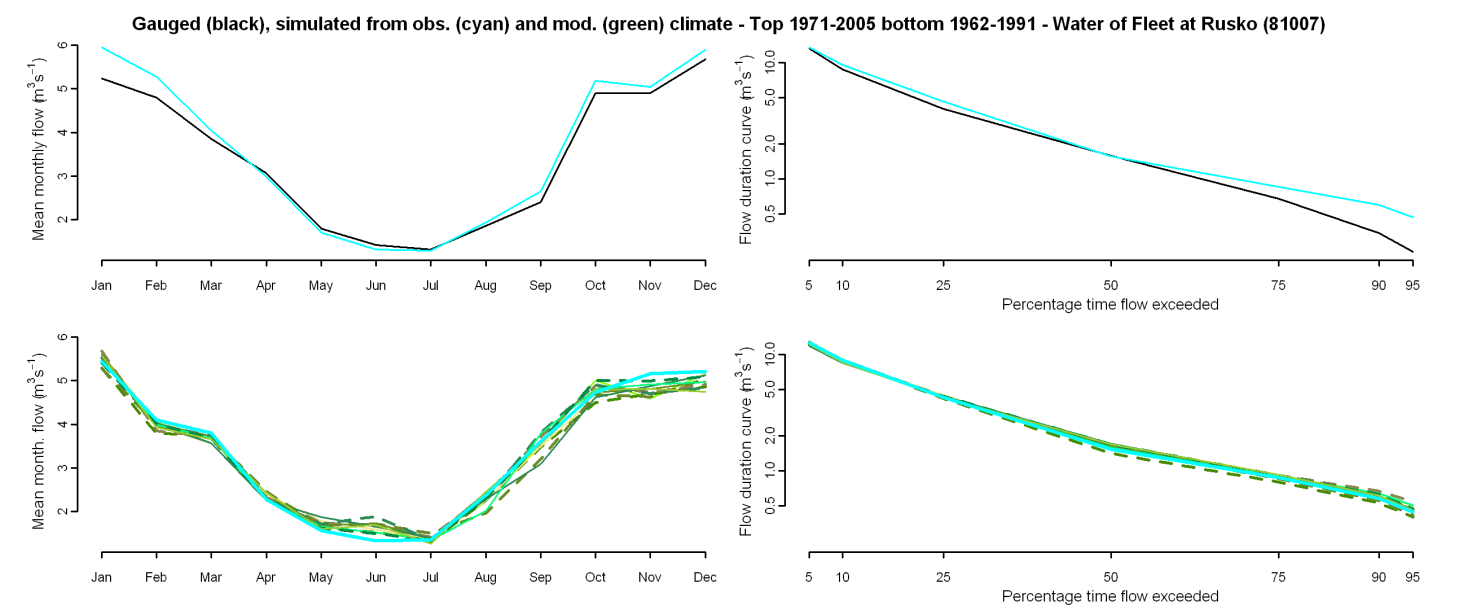
Gauged (black) and simulated (cyan) flows from observed climate - Water of Fleet at Rusko (81007)



Gauged (black) and simulated (cyan) flows from observed climate - Water of Fleet at Rusko (81007)



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	1	-2	2	4	0	-1	0	2	0	0	0
January	3	-1	5	2	2	1	-2	1	1	-3	6
April	-1	0	4	8	2	7	1	0	-2	2	5
July	3	0	2	12	1	4	5	1	-1	-4	-8
October	7	2	-4	8	0	2	6	2	5	8	3
Q90	9	-8	2	17	2	-6	3	8	12	5	5
Q75	3	-8	0	6	1	-3	4	4	2	3	5
Q50	9	-6	5	9	5	3	13	10	5	10	11
Q25	2	-2	4	4	-1	1	2	1	0	1	1
Q5	-4	1	-4	-4	-1	-4	-6	-1	-2	-4	-3
RP2	1	4	3	9	-3	-3	3	3	-1	-2	3
RP10	0	0	3	18	-2	-1	6	5	2	2	9

Climate change graphs for 2050s

