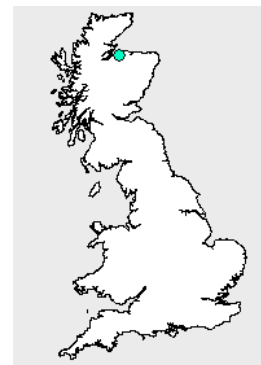


General Information

River Name	Mosset Burn	Catchment Area (km2)	28
Station Name	Wardend Bridge	SAAR (mm) 61-90	806
Station Number	7009	Mean Annual Rain (mm) 62-91	820
Grid Reference	NJ039558	Mean Annual PE (mm) 62-91	553
EA Region	SEPA-NW	Observed flow record	1998 to 2005



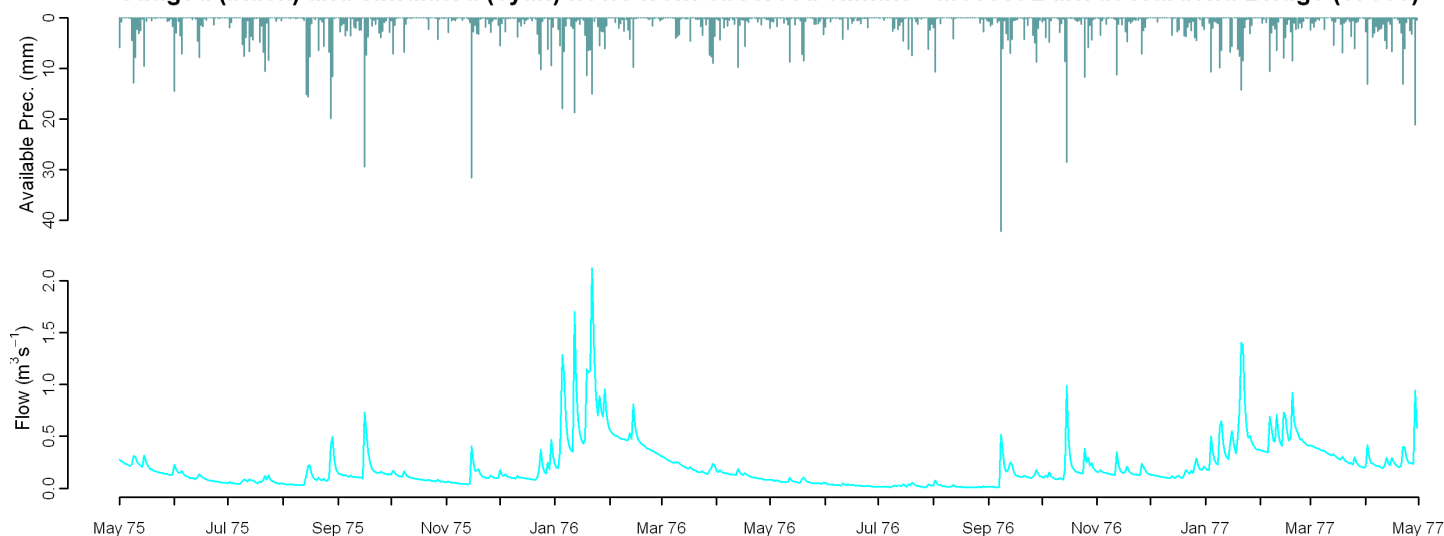
Observed Data

Comparison of gauged and simulated flow

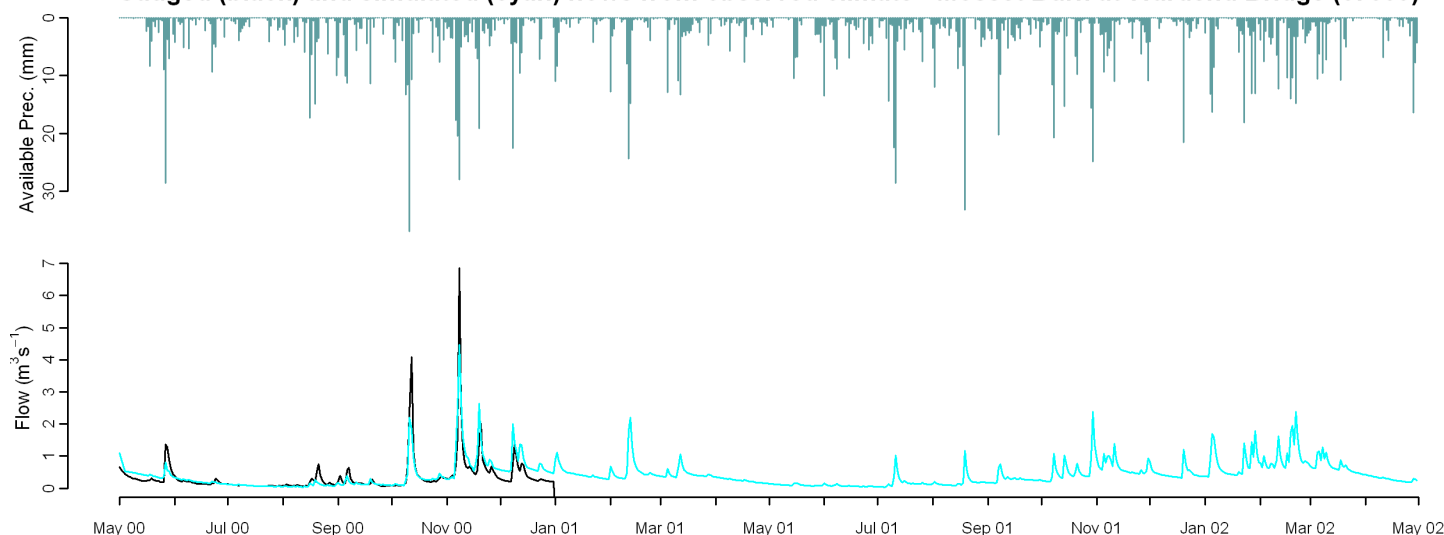
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	6.1	13.5	12.5	17.9	-9.1	-1.0	-3.5	49.8	-4.5	-7.0	-23.2	5.7	38.4	0.68
Performance Band	1	2	2	1	3	2	3	3	3	2	3	1	3	1
MORECS (1962-1991)														
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	5.3	24.6	34.7	18.8	-11.7									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)														

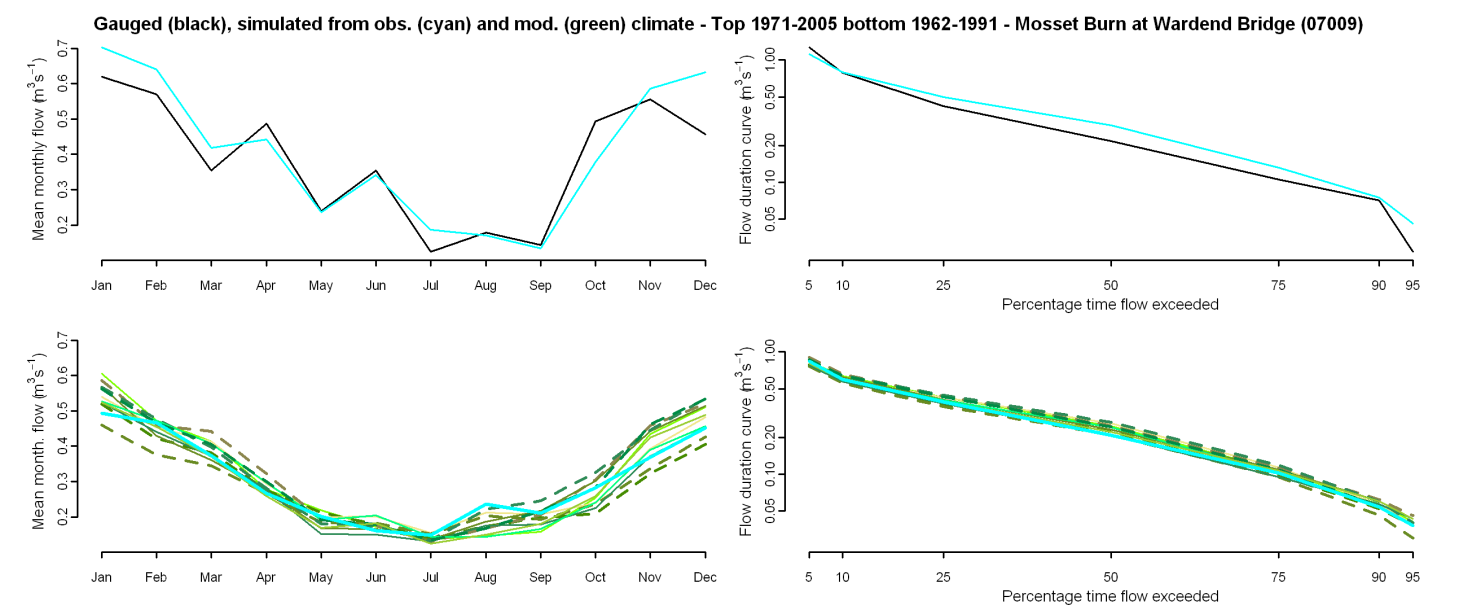
Gauged (black) and simulated (cyan) flows from observed climate - Mosset Burn at Wardend Bridge (07009)



Gauged (black) and simulated (cyan) flows from observed climate - Mosset Burn at Wardend Bridge (07009)



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	-1	8	9	0	-8	-5	10	0	9	1
January	22	9	10	19	14	-3	5	13	7	13	9
April	6	8	10	21	4	-1	2	15	8	12	-5
July	-7	-3	9	-11	-8	-11	-7	-8	-9	-11	-16
October	-7	-21	-12	17	-4	-19	-18	11	-13	-2	2
Q90	7	1	5	15	5	-16	4	8	-4	-4	12
Q75	6	4	15	9	3	-9	-6	15	-3	1	4
Q50	19	10	29	21	10	-1	2	28	12	15	7
Q25	9	-3	9	10	1	-9	-2	13	2	8	2
Q5	-1	-4	-2	8	-3	-10	-7	3	-3	3	-3
RP2	-16	-23	-13	-7	-6	-11	-17	-20	-14	-10	-16
RP10	-17	-25	-23	-18	-11	-16	-12	-8	-17	-3	-15

Climate change graphs for 2050s

