

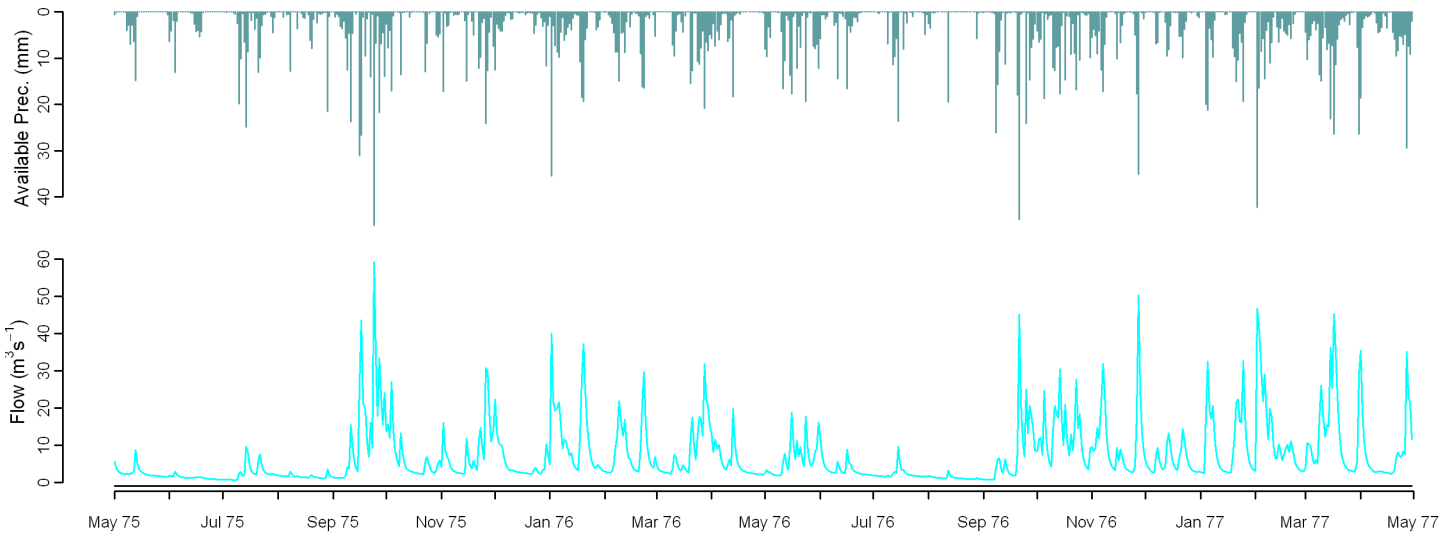
General Information

River Name	Annan	Catchment Area (km2)	217
Station Name	Woodfoot	SAAR (mm) 61-90	1592
Station Number	78006	Mean Annual Rain (mm) 62-91	1612
Grid Reference	NT099010	Mean Annual PE (mm) 62-91	429
EA Region	SEPA-SW	Observed flow record	1983 to 2005

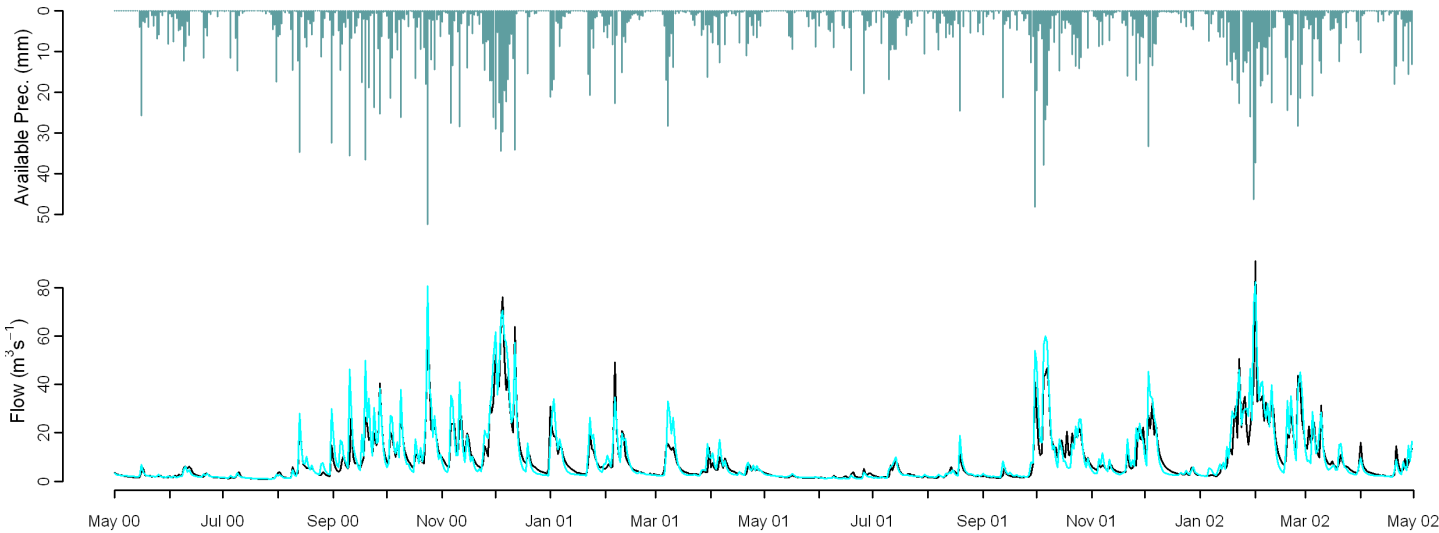


Observed Data	Comparison of gauged and simulated flow													Model used: CERF
	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	5.5	3.1	4.5	4.4	-0.6	-3.2	-8.0	2.0	8.2	10.0	15.1	8.0	7.5	0.77
Performance Band	1	1	1	2	1	1	1	2	1	1	1	2	2	1
MORECS (1962-1991)	3.2	-0.9	2.3	5.9	-11.3	-4.0	-4.2	6.9	2.1	2.0	11.9	6.5	8.6	0.80
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	7.9	-6.1	-20.3	2.1	21.3									
Performance Band	1	1	2	2	2									
MORECS (1962-1991)	4.2	-9.2	-23.2	0.9	14.2									

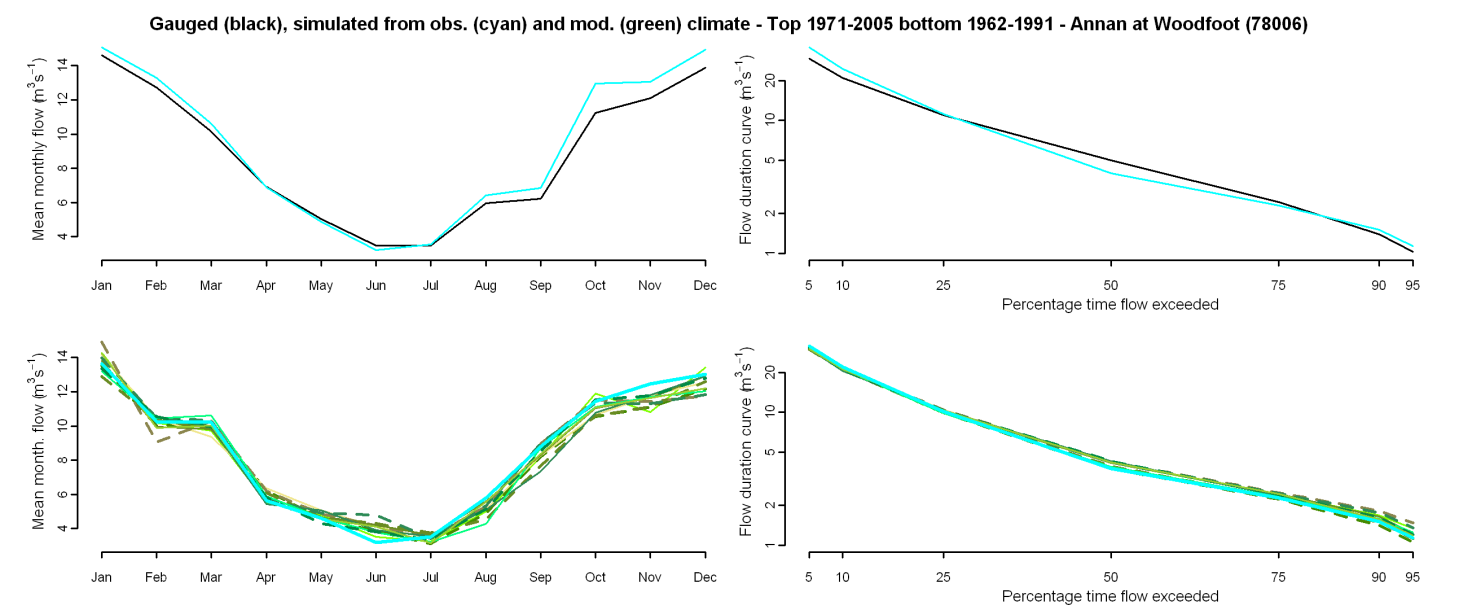
Gauged (black) and simulated (cyan) flows from observed climate - Annan at Woodfoot (78006)



Gauged (black) and simulated (cyan) flows from observed climate - Annan at Woodfoot (78006)



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	0	-1	0	4	0	-2	-1	2	-1	0	0
January	5	0	5	6	1	-1	-3	2	-4	-5	9
April	0	5	14	15	0	8	-2	4	2	5	-2
July	-6	-2	-6	3	3	0	2	-2	-8	-8	-11
October	4	-1	-10	4	-3	-5	4	-4	-2	4	-2
Q90	12	-3	3	22	5	-1	2	16	6	2	4
Q75	6	-1	4	10	5	-2	3	8	2	4	5
Q50	11	2	12	14	10	4	13	12	4	11	11
Q25	1	-1	2	3	-1	-1	3	2	-2	1	2
Q5	-4	-3	-5	-1	-3	-5	-4	0	-1	-4	-6
RP2	-1	1	1	0	4	3	-2	4	4	-1	0
RP10	-7	-2	-1	-2	15	-7	-10	4	-2	7	2

Climate change graphs for 2050s

