

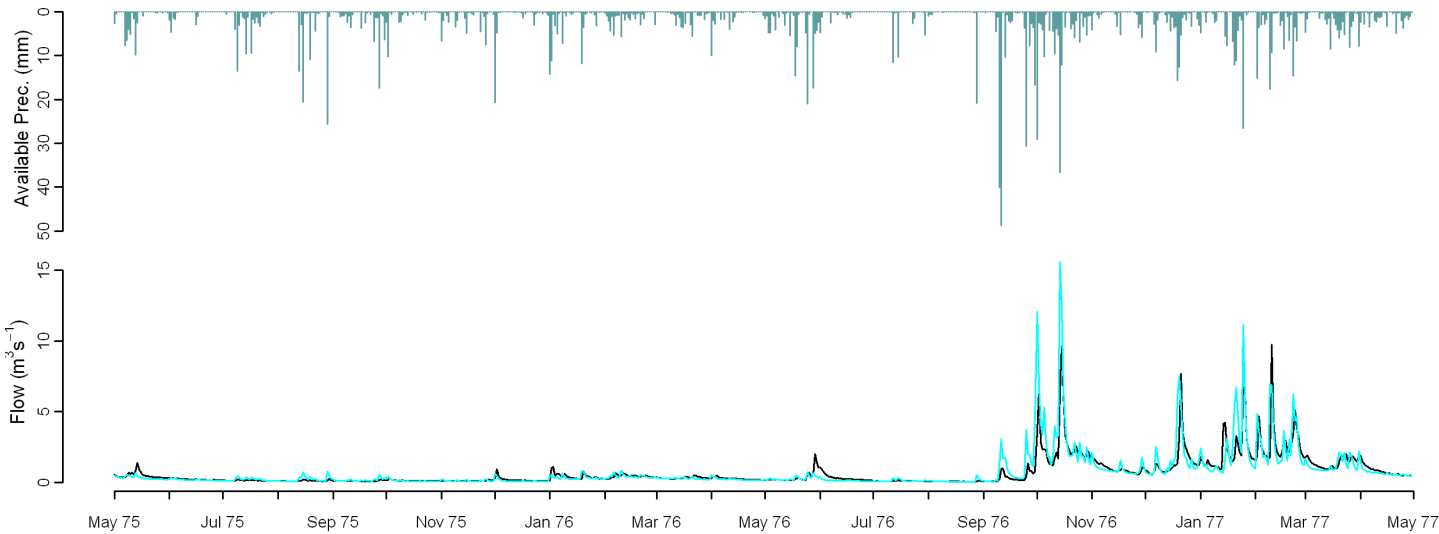
General Information

River Name	Clow Beck	Catchment Area (km2)	78
Station Name	Croft	SAAR (mm) 61-90	718
Station Number	25007	Mean Annual Rain (mm) 62-91	725
Grid Reference	NZ282101	Mean Annual PE (mm) 62-91	536
EA Region	EA-NE	Observed flow record	1961 to 1980

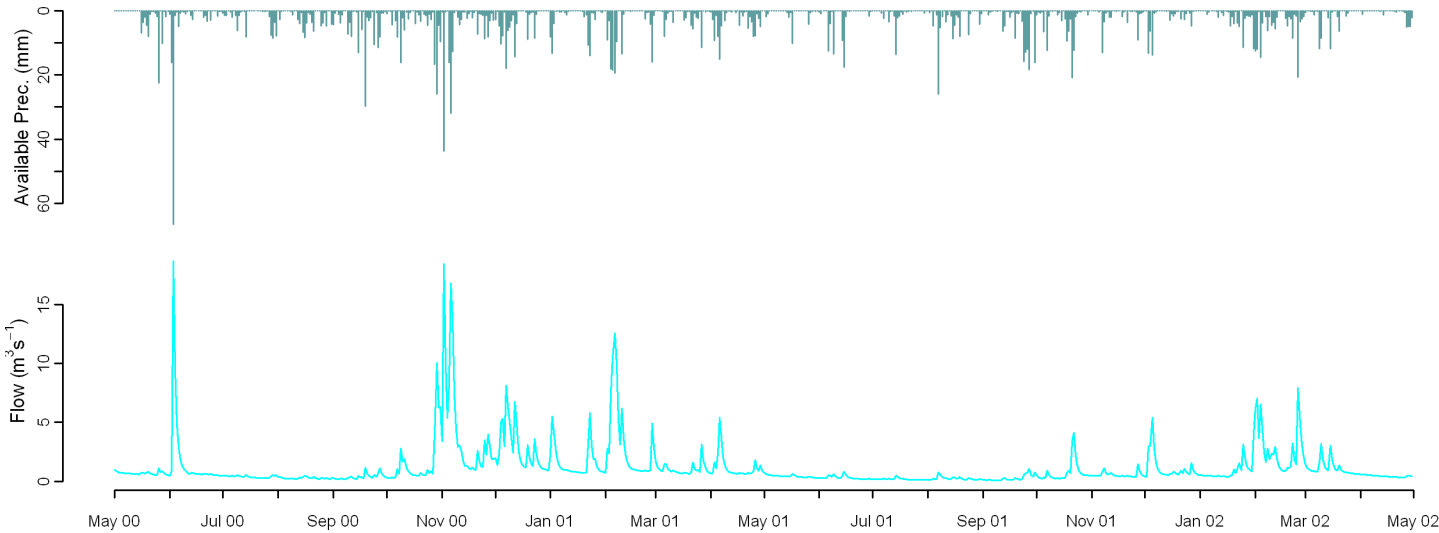


Observed Data	Comparison of gauged and simulated flow										Model used: CERF			
	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-3.9	-1.3	-2.3	-5.7	-14.3	-26.8	-23.7	4.8	-3.1	48.0	23.8	-17.4	2.7	0.74
Performance Band	2	1	1	2	2	2	2	1	1	1	1	2	1	1
MORECS (1962-1991)	-10.5	-1.0	-3.9	-14.6	-20.7	-28.7	-15.3	-4.7	-7.0	-0.3	-4.8	-14.8	-3.4	0.71
	Q90	Q75	Q50	Q25	Q5					RP2	RP5	RP10	RP20	
MORECS (1971-2005)	-22.7	-12.1	-11.0	-19.7	5.8									
Performance Band	1	1	2	1	2									
MORECS (1962-1991)	-18.5	-8.8	-15.1	-22.3	-1.1									

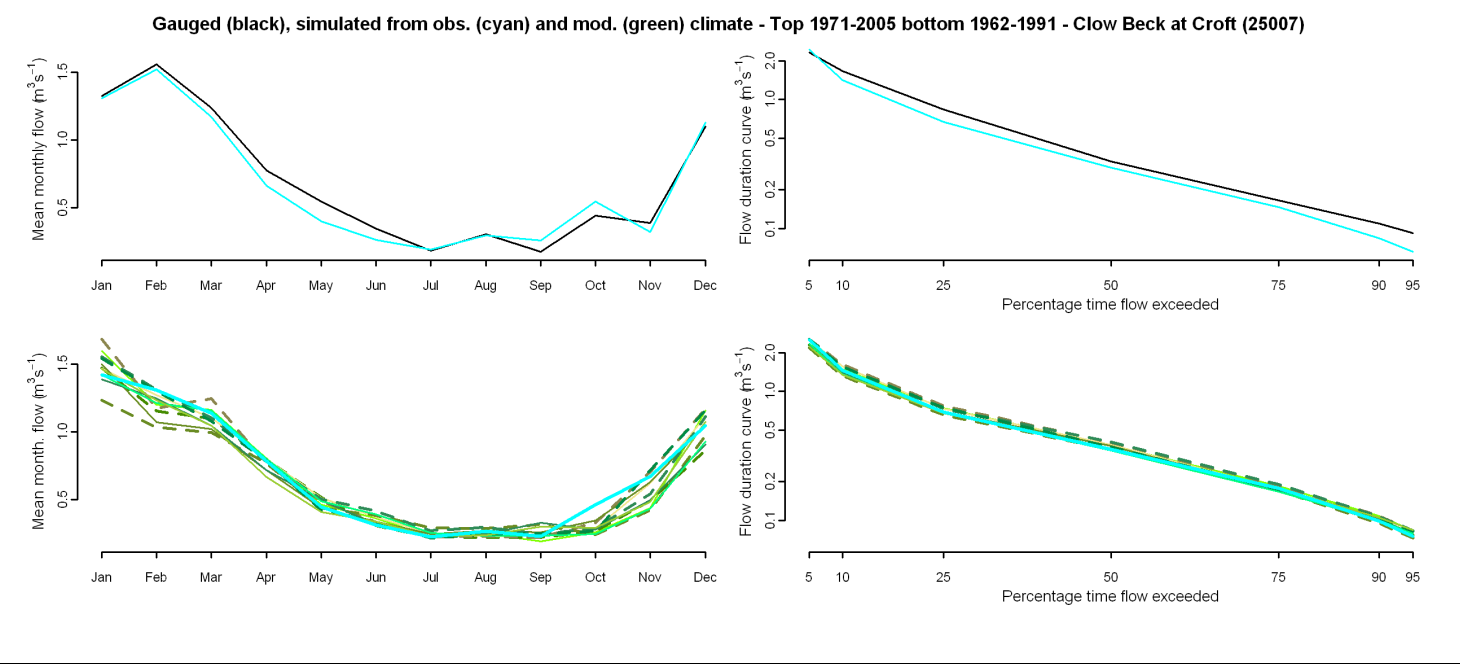
Gauged (black) and simulated (cyan) flows from observed climate - Clow Beck at Croft (25007)



Gauged (black) and simulated (cyan) flows from observed climate - Clow Beck at Croft (25007)



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	-2	-8	1	6	-5	-7	-10	3	-7	0	-9
January	14	-5	5	19	5	-7	-5	11	3	9	3
April	5	-10	6	2	-8	-1	-9	7	6	3	-12
July	2	6	14	3	7	31	-1	20	8	-5	3
October	-44	-40	-37	-27	-28	-47	-30	-34	-45	-42	-37
Q90	10	2	1	12	-4	-2	0	9	0	5	7
Q75	4	-3	-1	8	-7	-3	-7	10	-6	-3	0
Q50	7	-1	7	15	3	1	0	17	-3	4	-1
Q25	7	-2	6	13	0	-3	-1	9	-1	8	-3
Q5	-5	-11	0	2	-9	-10	-11	6	-7	1	-13
RP2	-6	-19	-13	-2	-9	-4	-8	-3	3	-4	3
RP10	-11	-24	-10	-12	-11	-10	1	-2	-9	-11	12

Climate change graphs for 2050s

