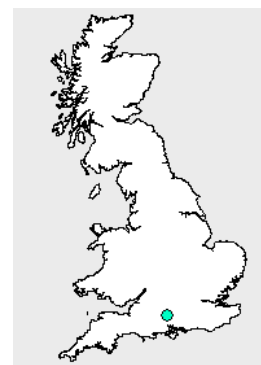


## General Information

River Name	Anton	Catchment Area (km2)	185
Station Name	Fullerton	SAAR (mm) 61-90	773
Station Number	42012	Mean Annual Rain (mm) 62-91	779
Grid Reference	SU379393	Mean Annual PE (mm) 62-91	590
EA Region	EA-SE	Observed flow record	1975 to 2005



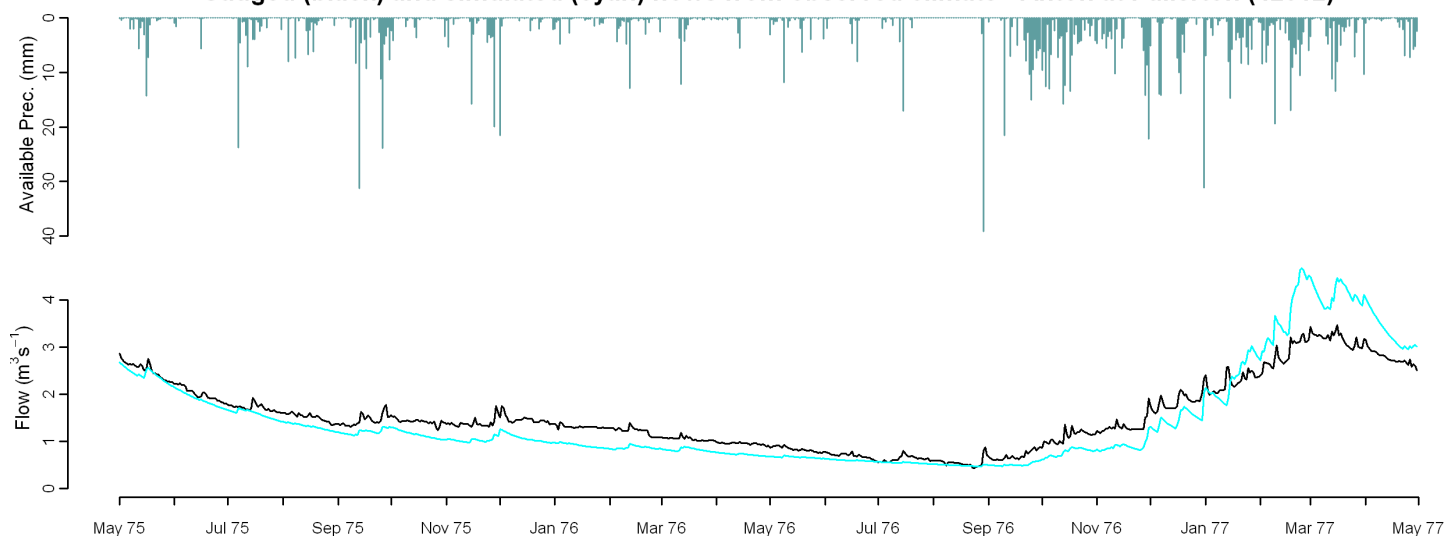
## Observed Data

## Comparison of gauged and simulated flow

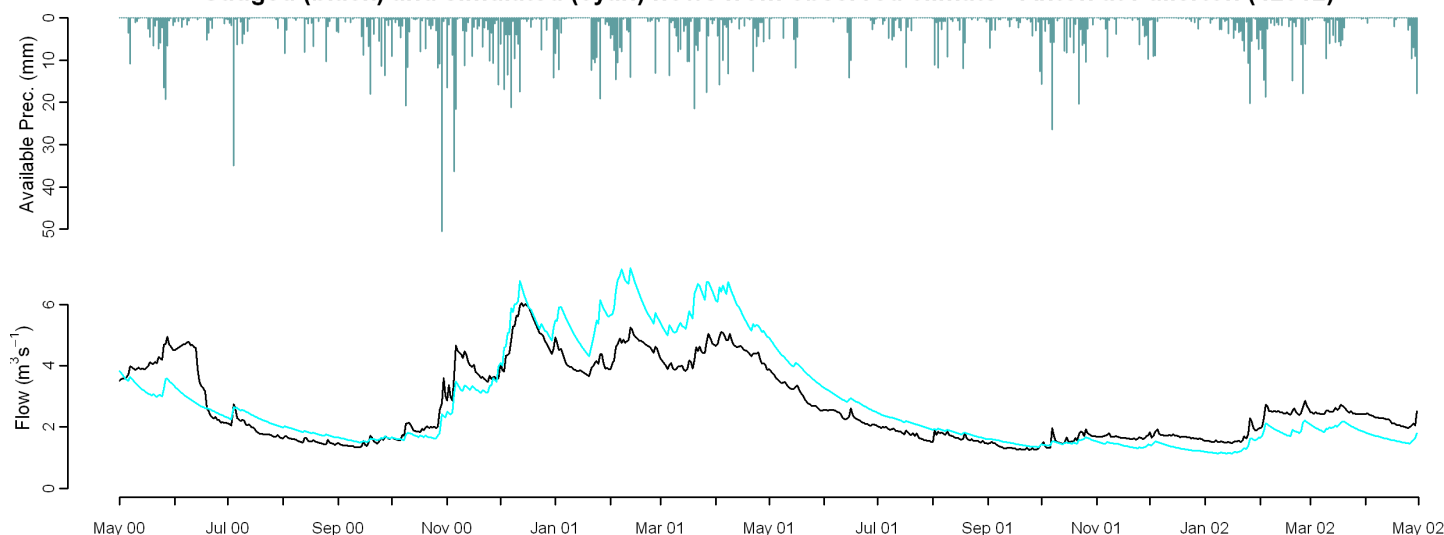
## Model used: PDM

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-7.9	-10.0	-6.1	-4.8	-6.0	-7.1	-5.0	-0.6	-0.5	-5.9	-13.6	-19.8	-18.3	0.78
Performance Band	1	1	1	1	1	1	1	1	1	1	2	2	2	1
FAO (1962-1991)	-8.5	-12.1	-7.2	-4.8	-4.5	-4.5	-1.7	-1.2	-2.3	-7.9	-13.1	-19.8	-19.7	0.77
	Q90	Q75	Q50	Q25	Q5	RP2			RP5	RP10	RP20			
MORECS (1971-2005)	-16.1	-14.6	-11.9	-12.0	7.7	-4.6			4.2	9.4	13.8			
Performance Band	1	1	1	1	1									
FAO (1962-1991)	-15.3	-12.3	-11.2	-9.6	4.0	2.2			9.2	12.1	13.7			

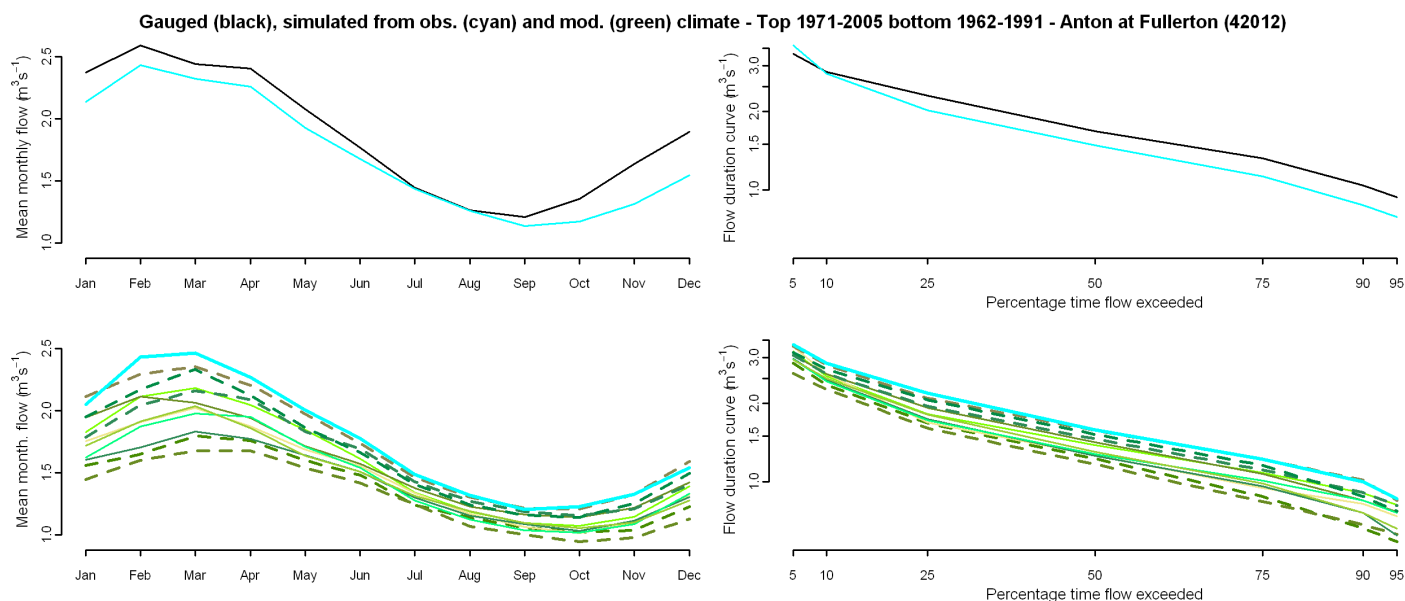
Gauged (black) and simulated (cyan) flows from observed climate - Anton at Fullerton (42012)



Gauged (black) and simulated (cyan) flows from observed climate - Anton at Fullerton (42012)



## 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	-11	-21	-13	1	-12	-26	-19	-8	-15	-5	-16
January	-8	-21	-10	7	-3	-27	-19	-9	-16	-1	-13
April	-12	-24	-15	0	-15	-27	-22	-7	-14	-6	-18
July	-10	-17	-8	0	-10	-19	-14	-4	-13	-5	-14
October	-12	-18	-16	0	-12	-25	-17	-7	-16	-8	-16
Q90	-9	-33	-16	2	-15	-32	-24	-9	-15	-13	-23
Q75	-12	-28	-21	1	-14	-32	-22	-10	-17	-6	-20
Q50	-13	-23	-18	2	-11	-27	-21	-8	-18	-4	-18
Q25	-17	-24	-21	-2	-15	-28	-20	-9	-19	-5	-18
Q5	-2	-14	2	4	-10	-22	-10	-7	-9	-4	-11
RP2	-13	-19	-19	-1	-15	-28	-23	-16	-12	-2	-19
RP10	5	-4	-1	-4	-9	-18	-15	-10	-6	-10	-8

## Climate change graphs for 2050s

