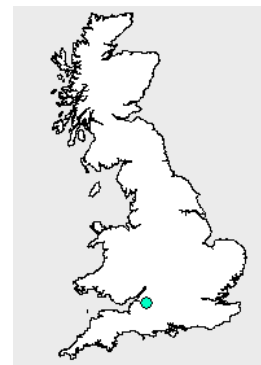


General Information

River Name	Avon	Catchment Area (km2)	1552
Station Name	Bathford	SAAR (mm) 61-90	818
Station Number	53018	Mean Annual Rain (mm) 62-91	807
Grid Reference	ST785670	Mean Annual PE (mm) 62-91	605
EA Region	EA-SW	Observed flow record	1969 to 2005



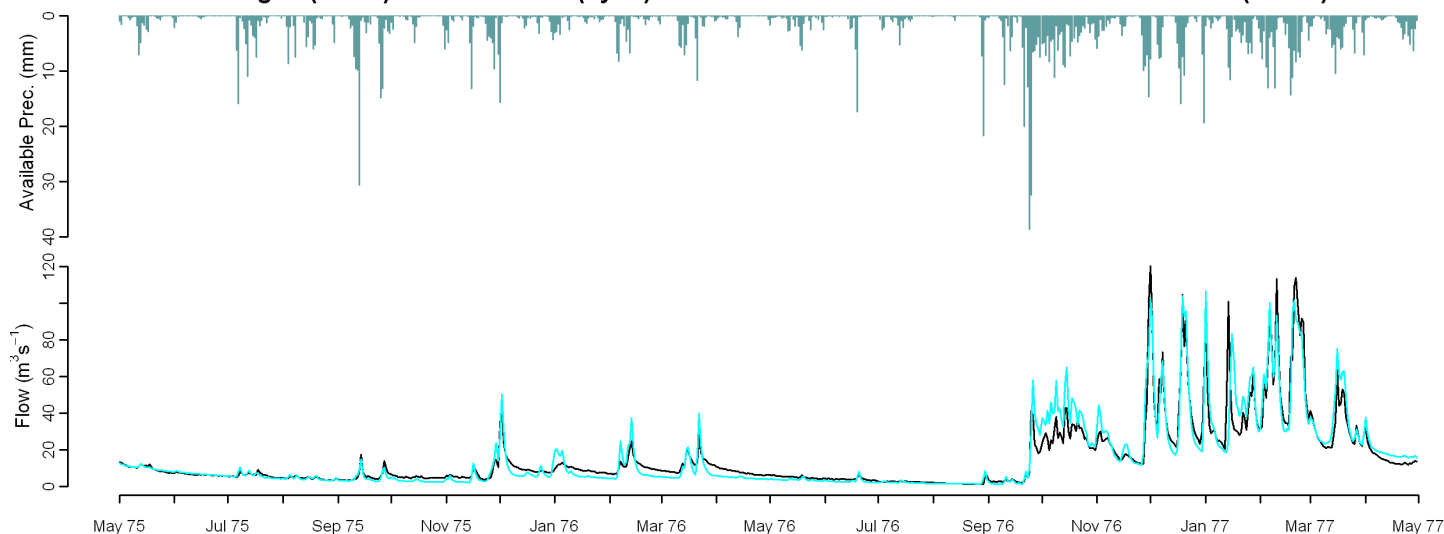
Observed Data

Comparison of gauged and simulated flow

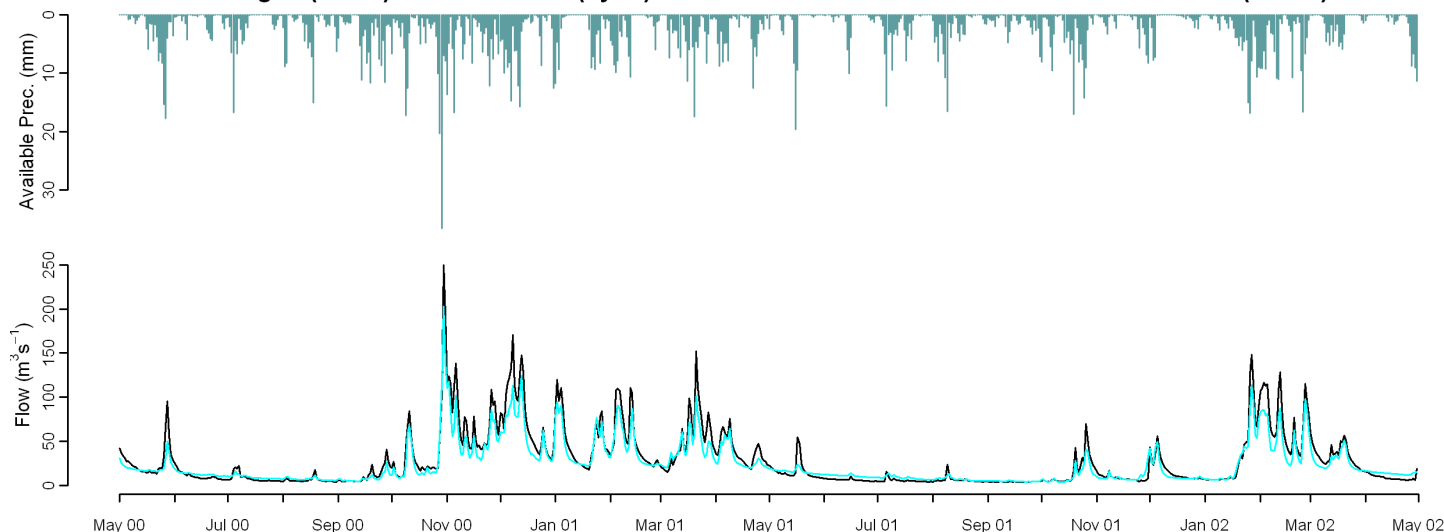
Model used: CLASSIC

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-3.0	-7.6	-2.8	1.0	-3.7	0.1	3.1	16.0	8.4	-4.9	-4.7	-4.2	-5.9	0.89
Performance Band	1	1	1	1	1	1	1	2	1	1	1	1	1	1
FAO (1962-1991)	4.7	4.0	-1.1	6.3	1.9	5.3	6.5	12.4	5.2	0.7	7.9	10.9	5.5	0.87
	Q90	Q75	Q50	Q25	Q5	RP2		RP5	RP10	RP20				
MORECS (1971-2005)	5.1	6.7	2.1	-2.5	-2.5	-27.0		-29.8	-29.8	-28.9				
Performance Band	1	1	1	1	1									
FAO (1962-1991)	-2.9	1.4	1.1	3.8	10.9	-20.9		-27.5	-29.4	-30.2				

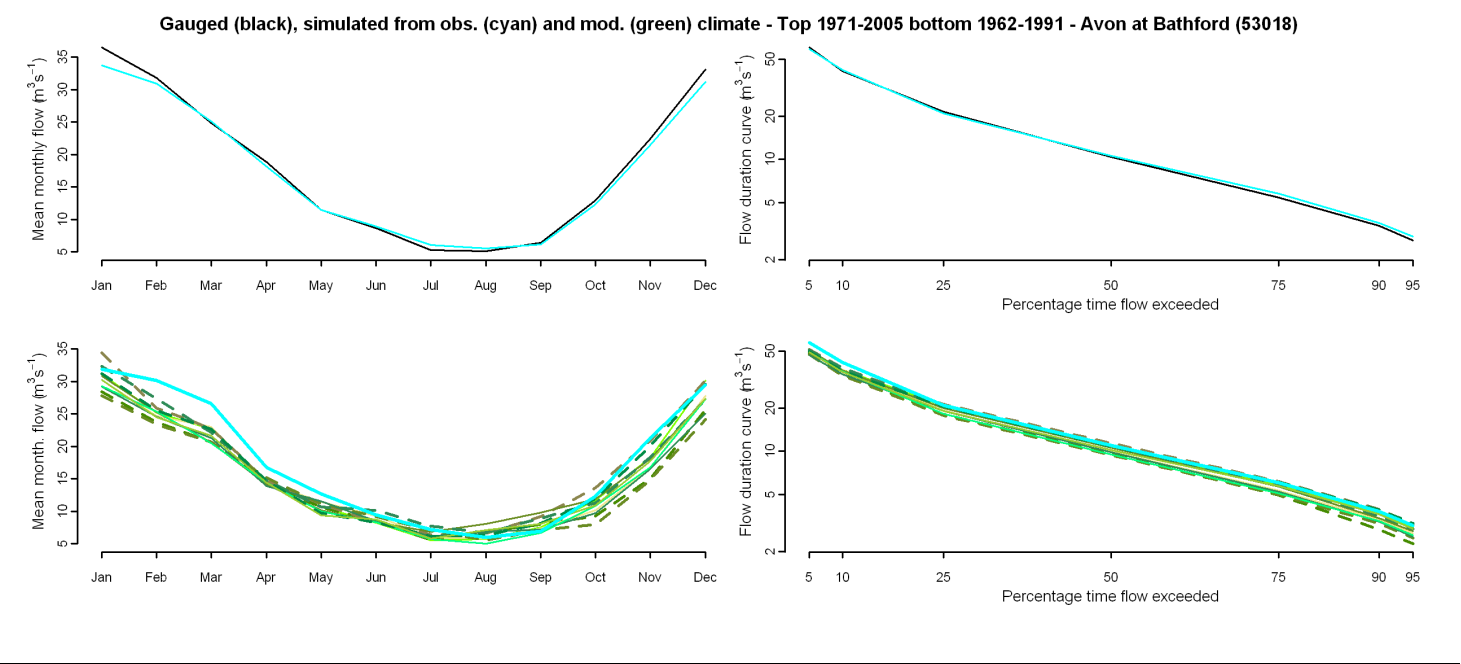
Gauged (black) and simulated (cyan) flows from observed climate - Avon at Bathford (53018)



Gauged (black) and simulated (cyan) flows from observed climate - Avon at Bathford (53018)



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	-7	-16	-10	-1	-10	-17	-13	-3	-13	-8	-10
January	1	-11	-5	5	0	-13	-9	2	-7	-2	-2
April	-13	-18	-11	-9	-15	-10	-15	-9	-12	-14	-12
July	-19	-21	-14	-8	-8	-3	-13	8	-18	-16	-18
October	-3	-25	-17	15	-10	-35	-18	-5	-13	-5	-10
Q90	-4	-27	-11	5	-13	-19	-14	-6	-13	0	-5
Q75	-4	-21	-12	4	-10	-20	-13	-3	-16	-4	-6
Q50	-3	-15	-9	6	-7	-15	-10	1	-13	-3	-8
Q25	-1	-15	-8	3	-7	-16	-9	1	-12	-4	-9
Q5	-15	-17	-14	-10	-13	-18	-19	-10	-14	-16	-15
RP2	-9	-13	-12	-3	-10	-11	-5	-6	-5	-8	-6
RP10	-9	-9	-11	7	-1	3	10	-1	-2	5	-4

Climate change graphs for 2050s

