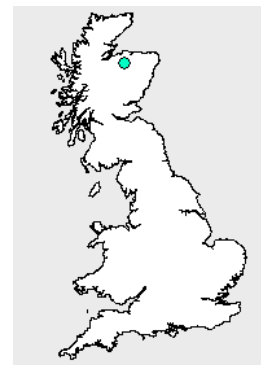


General Information

River Name	Avon	Catchment Area (km2)	543
Station Name	Delnashaugh	SAAR (mm) 61-90	1108
Station Number	8004	Mean Annual Rain (mm) 62-91	1151
Grid Reference	NJ186352	Mean Annual PE (mm) 62-91	488
EA Region	SEPA-NW	Observed flow record	1961 to 2005



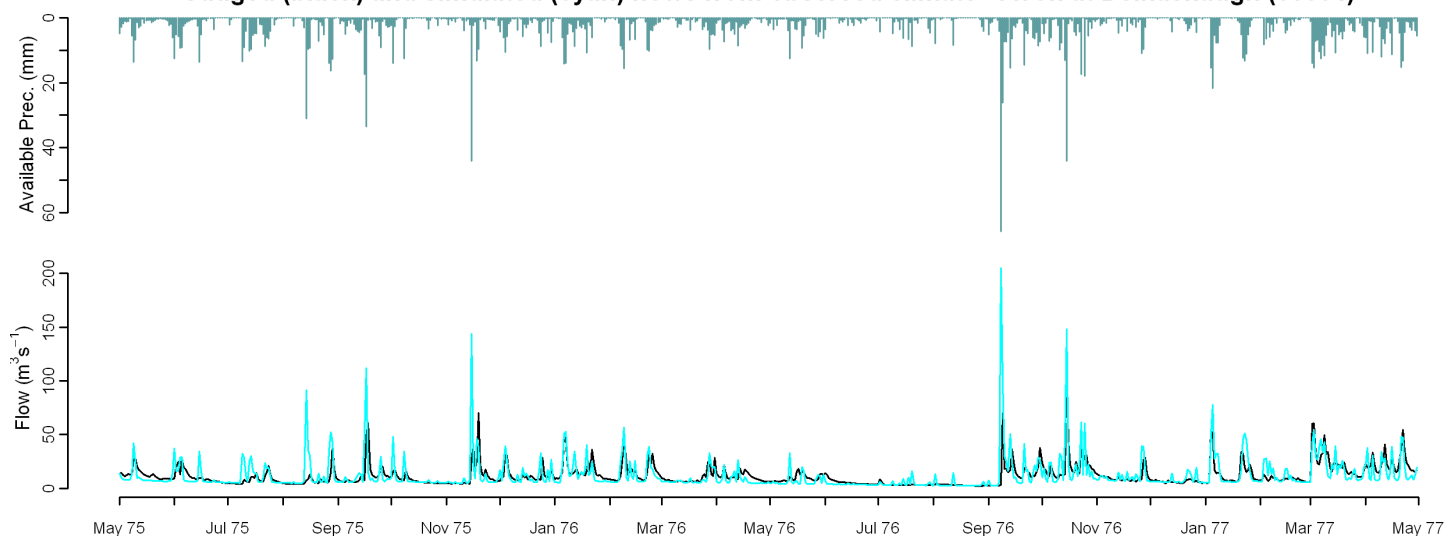
Observed Data

Comparison of gauged and simulated flow

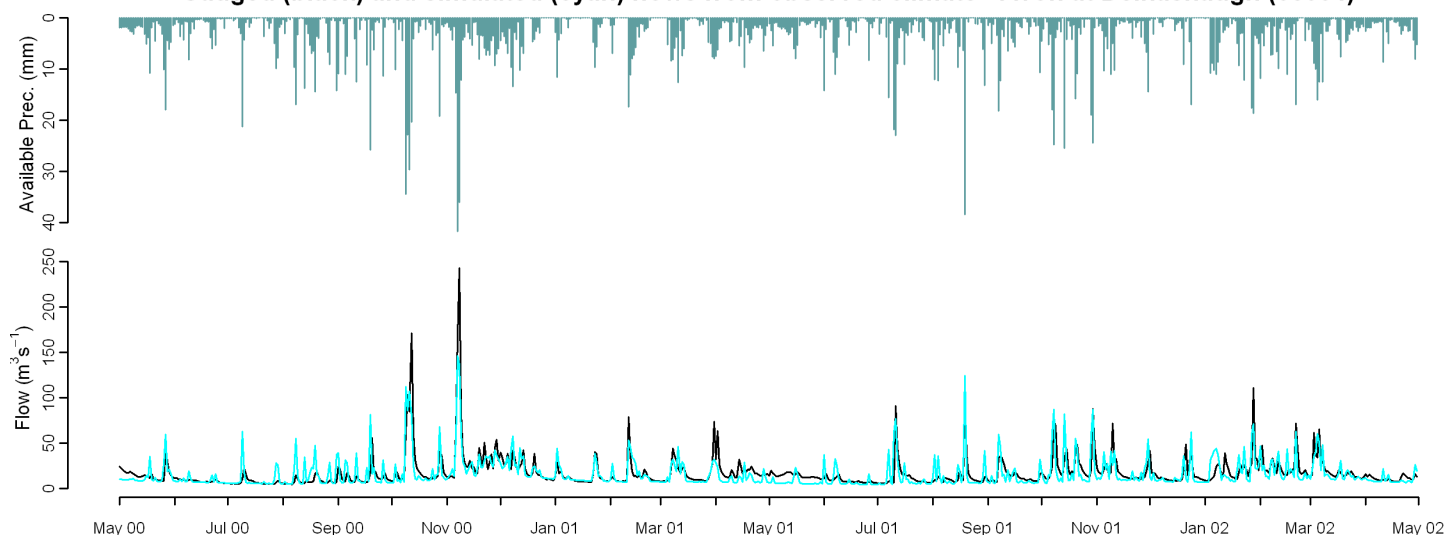
Model used: PDM

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-3.9	-6.4	-3.1	-13.3	-23.1	-21.8	-2.5	11.9	26.5	18.5	3.0	-2.5	-2.8	0.29
Performance Band	1	1	1	2	2	2	1	2	2	2	1	1	1	3
FAO (1962-1991)	0.2	-0.9	4.2	-7.4	-19.5	-17.9	-2.4	14.4	15.2	19.5	8.8	9.7	0.9	0.27
	Q90	Q75	Q50	Q25	Q5	RP2			RP5	RP10	RP20			
MORECS (1971-2005)	-7.1	-17.0	-23.8	-5.6	12.9	-5.3			-6.0	-4.0	-1.0			
Performance Band	1	1	2	1	1									
FAO (1962-1991)	-5.0	-13.8	-18.5	-0.7	18.3	0.1			1.0	2.3	3.9			

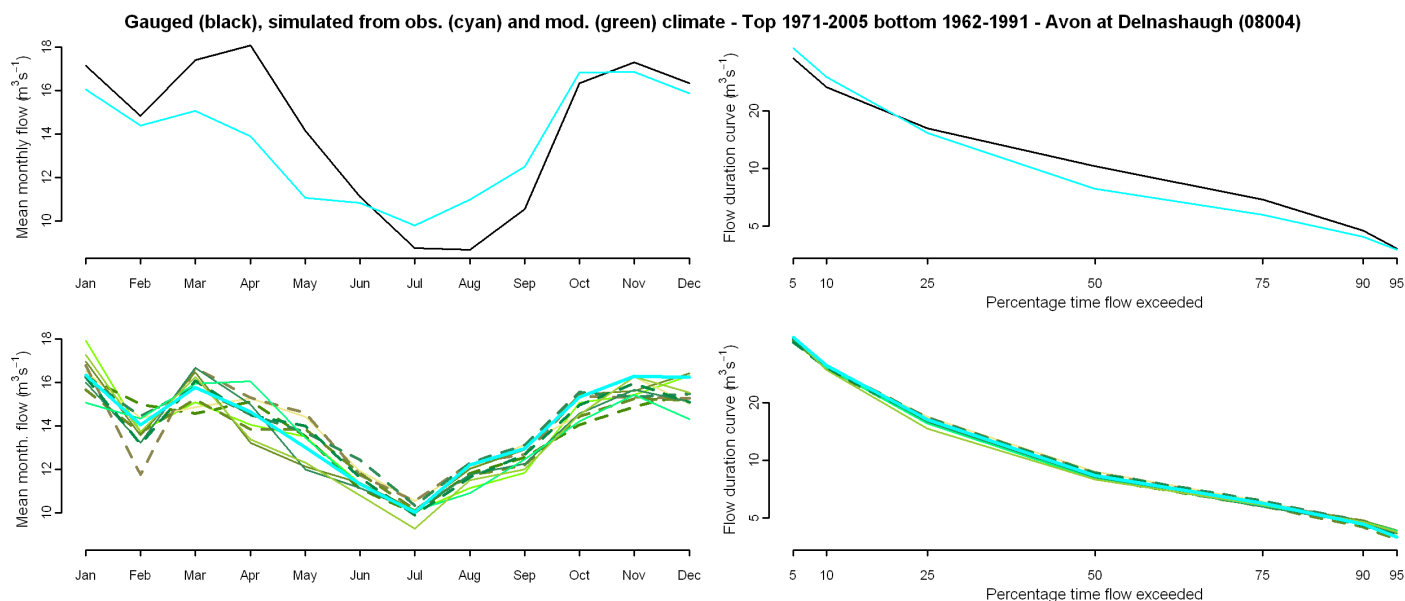
Gauged (black) and simulated (cyan) flows from observed climate - Avon at Delnashaugh (08004)



Gauged (black) and simulated (cyan) flows from observed climate - Avon at Delnashaugh (08004)



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

Climate change graphs for 2050s

