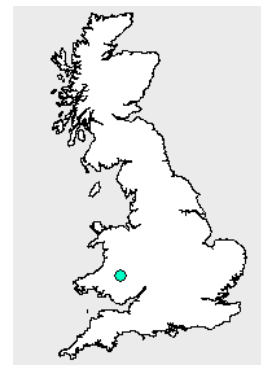


General Information

River Name	Wye	Catchment Area (km2)	1282
Station Name	Erwood	SAAR (mm) 61-90	1386
Station Number	55007	Mean Annual Rain (mm) 62-91	1398
Grid Reference	SO076445	Mean Annual PE (mm) 62-91	533
EA Region	EA-W	Observed flow record	1962 to 2005



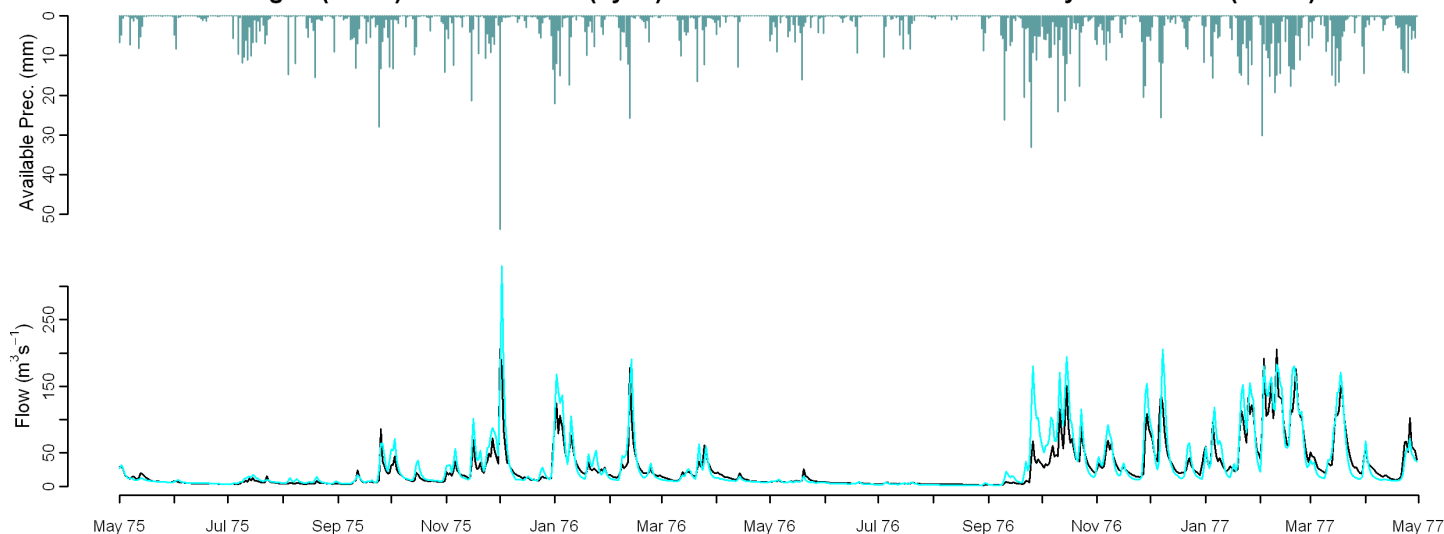
Observed Data

Comparison of gauged and simulated flow

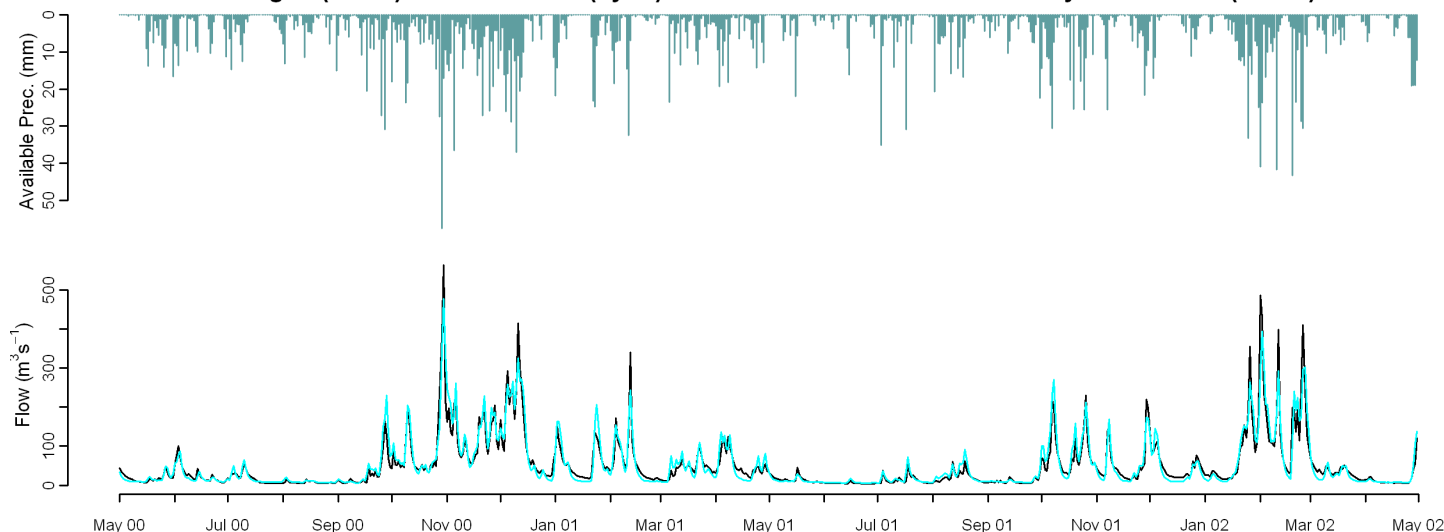
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	6.0	2.6	1.5	-3.2	-5.2	-11.7	-5.7	3.8	19.3	31.8	26.6	14.0	4.2	0.82
Performance Band	1	1	1	1	1	2	1	1	2	3	2	2	1	1
MORECS (1962-1991)	4.8	3.2	0.9	-2.1	-9.3	-15.4	-9.9	-4.2	13.1	30.9	24.8	13.3	3.8	0.81
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	14.1	9.2	-24.9	8.0	20.3									
Performance Band	1	1	2	2	1									
MORECS (1962-1991)	7.2	-5.2	-26.4	6.4	19.0									

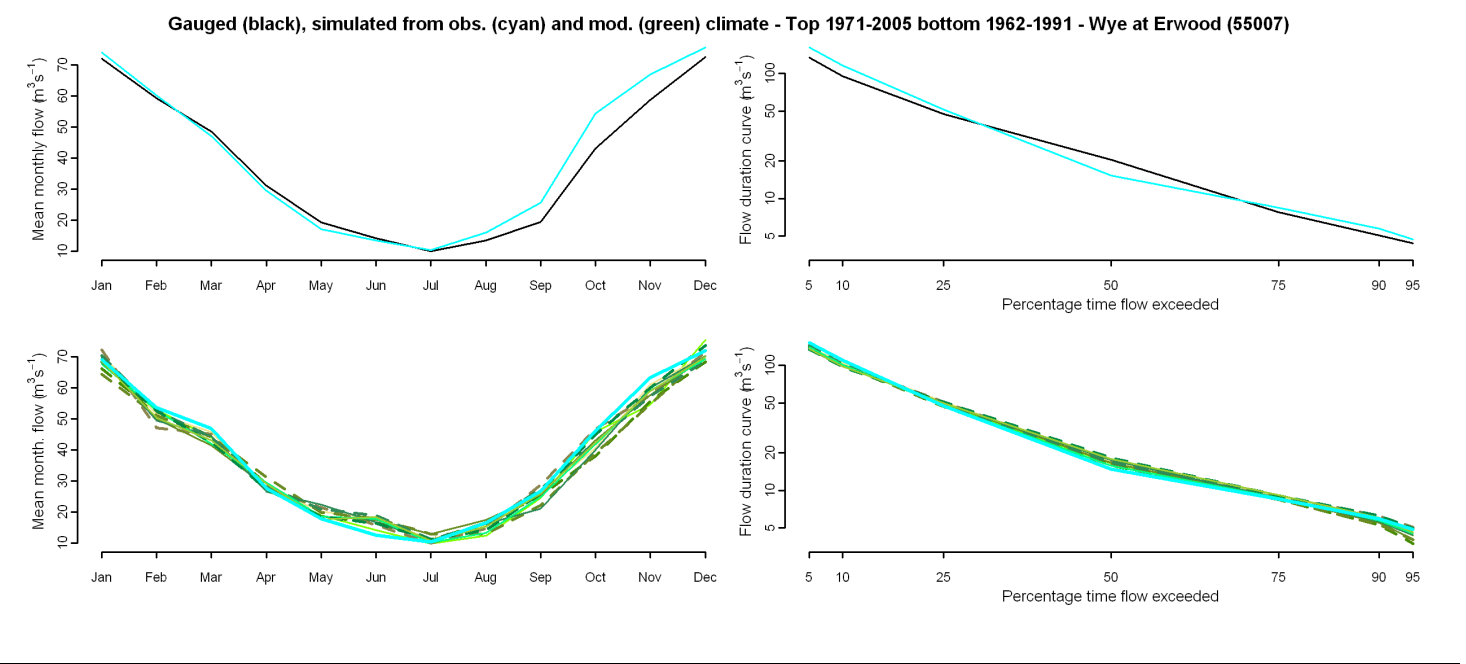
Gauged (black) and simulated (cyan) flows from observed climate - Wye at Erwood (55007)



Gauged (black) and simulated (cyan) flows from observed climate - Wye at Erwood (55007)



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	-1	-3	0	1	-1	-3	-2	0	-2	-1	-1
January	1	-5	5	2	3	-3	0	4	-2	-5	3
April	-1	2	1	7	1	13	0	5	2	-1	5
July	-4	17	16	-1	17	28	7	9	-3	5	2
October	-1	-11	-15	3	-9	-12	-6	-6	-8	-2	-9
Q90	0	-11	-2	7	-11	-11	-7	6	-4	4	3
Q75	4	-2	4	6	0	-2	2	5	1	5	6
Q50	13	7	15	17	10	6	20	14	7	21	19
Q25	4	0	8	9	4	2	7	8	2	7	5
Q5	-8	-7	-8	-7	-9	-8	-12	-4	-8	-13	-11
RP2	-4	0	-1	1	3	-4	-2	2	-1	4	-1
RP10	5	3	3	5	12	-4	3	8	19	7	11

Climate change graphs for 2050s

