

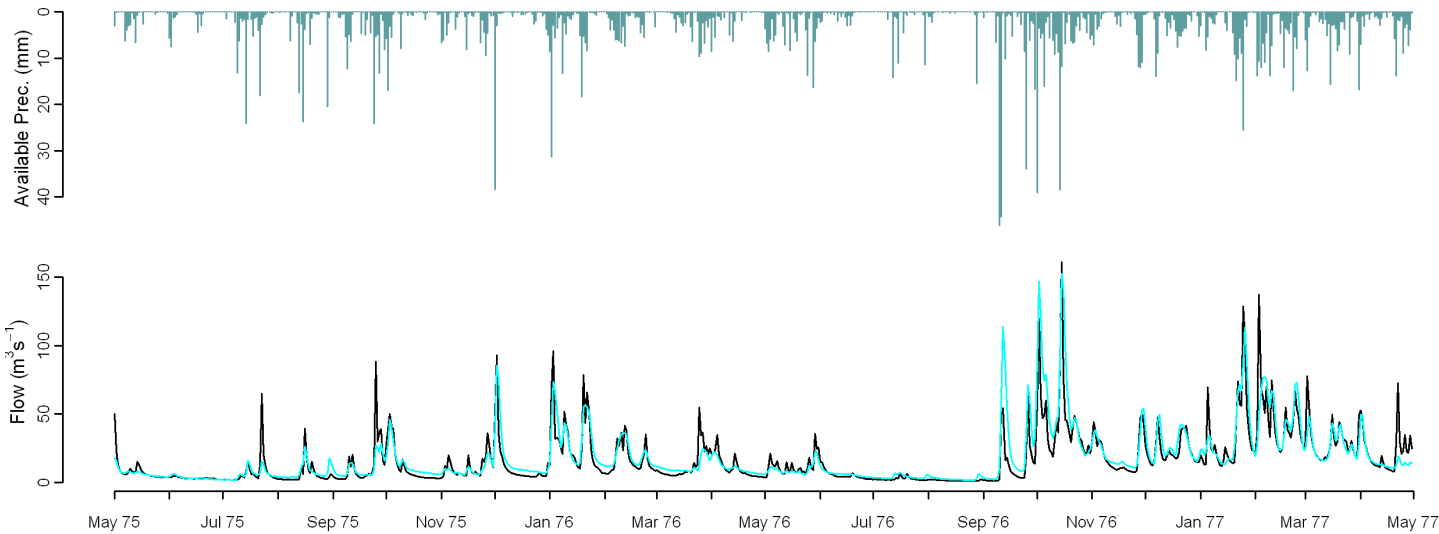
General Information

River Name	Ure	Catchment Area (km2)	915
Station Name	Westwick Lock	SAAR (mm) 61-90	1119
Station Number	27007	Mean Annual Rain (mm) 62-91	1134
Grid Reference	SE356671	Mean Annual PE (mm) 62-91	541
EA Region	EA-NE	Observed flow record	1961 to 2005

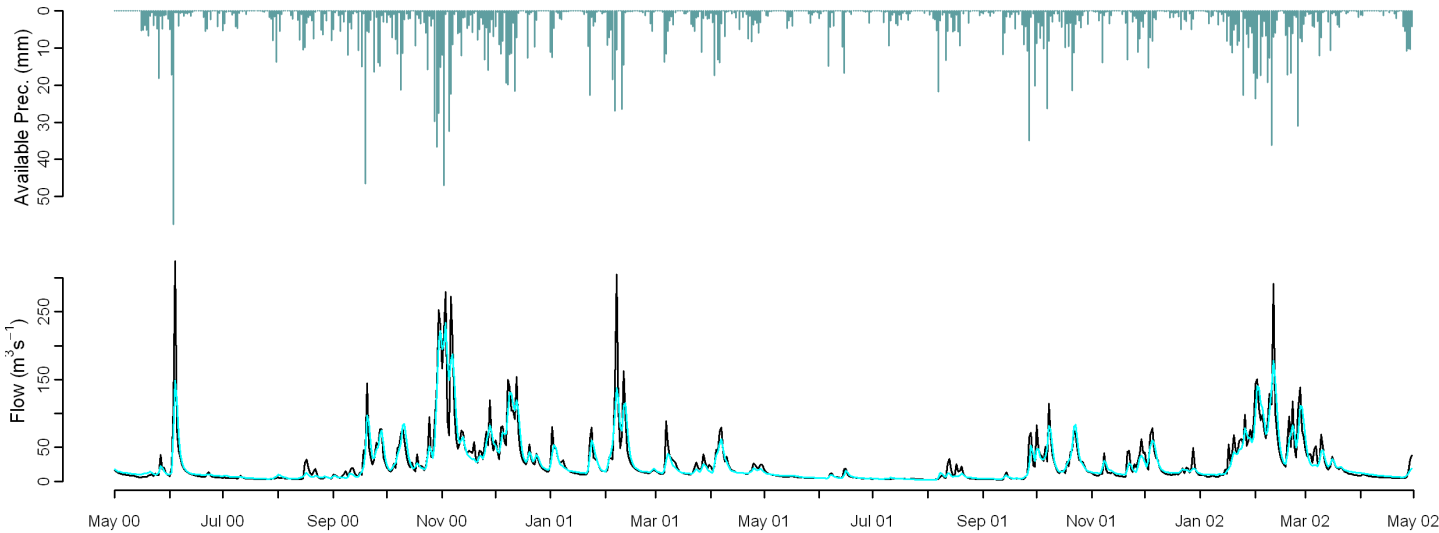


Observed Data	Comparison of gauged and simulated flow													Model used: CERF
	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-2.1	1.8	-2.7	-4.5	-3.2	-11.1	-10.9	-8.3	-9.2	-7.8	-0.8	3.9	7.9	0.76
Performance Band	1	1	1	1	1	1	2	1	2	1	1	1	1	1
MORECS (1962-1991)	0.5	6.5	-1.5	-3.6	-3.3	-8.6	-6.3	-7.2	-7.3	-5.7	1.4	7.4	10.0	0.73
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	14.0	18.5	10.3	-6.5	-1.2									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	22.3	25.4	13.2	-4.0	0.6									

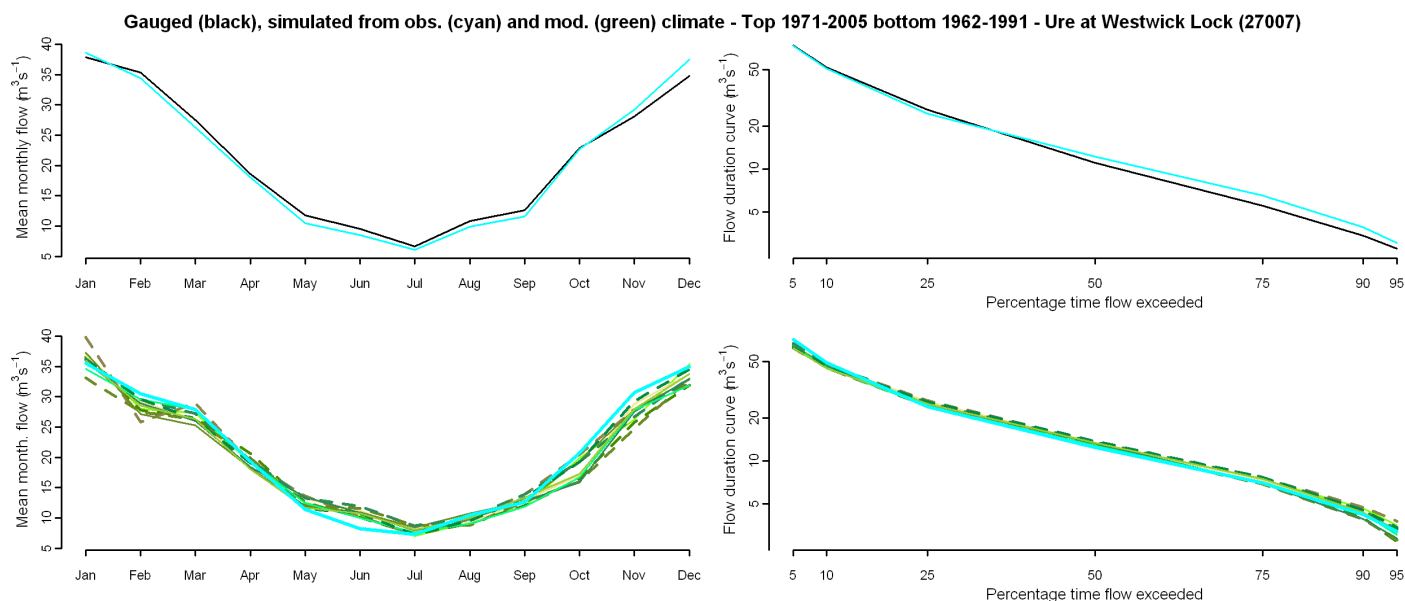
Gauged (black) and simulated (cyan) flows from observed climate - Ure at Westwick Lock (27007)



Gauged (black) and simulated (cyan) flows from observed climate - Ure at Westwick Lock (27007)



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

## Climate change graphs for 2050s

