

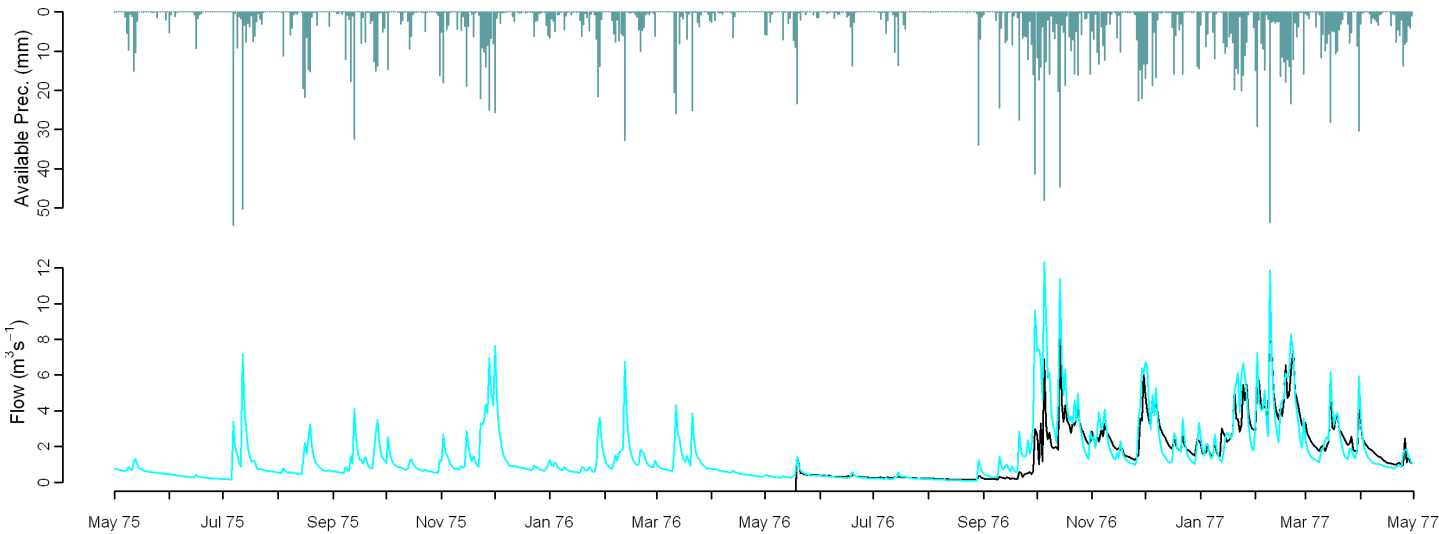
General Information

River Name	Walkham	Catchment Area (km2)	45
Station Name	Horrabridge	SAAR (mm) 61-90	1666
Station Number	47014	Mean Annual Rain (mm) 62-91	1644
Grid Reference	SX513699	Mean Annual PE (mm) 62-91	602
EA Region	EA-SW	Observed flow record	1976 to 2005

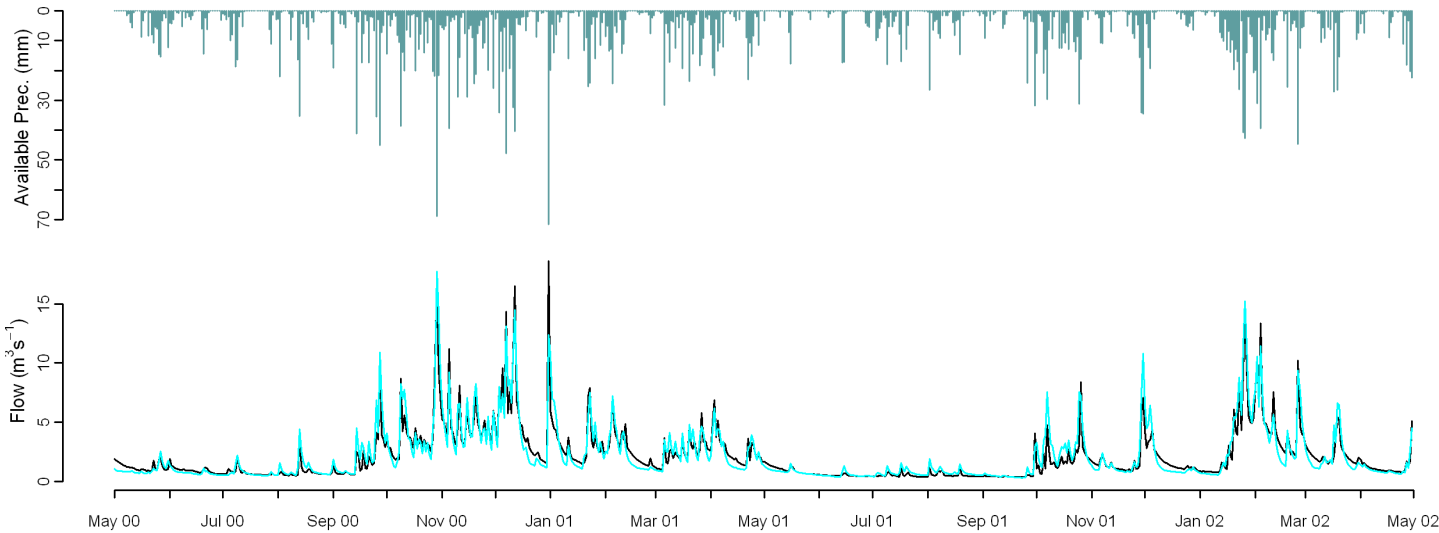


Observed Data	Comparison of gauged and simulated flow													Model used: CERF
	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	5.0	-1.2	-2.0	-3.3	-9.1	-6.1	3.5	15.0	24.5	37.6	26.2	5.6	4.0	0.77
Performance Band	1	1	1	1	2	2	1	2	2	3	2	1	1	1
MORECS (1962-1991)	4.9	-2.0	-2.1	-0.7	-12.8	-7.7	10.6	17.3	17.3	48.9	27.7	2.4	5.4	0.76
	Q90	Q75	Q50	Q25	Q5									
MORECS (1971-2005)	1.6	2.1	-11.1	0.7	22.8									
Performance Band	1	1	2	2	2									
MORECS (1962-1991)	-1.7	7.5	-10.8	-2.0	22.7									

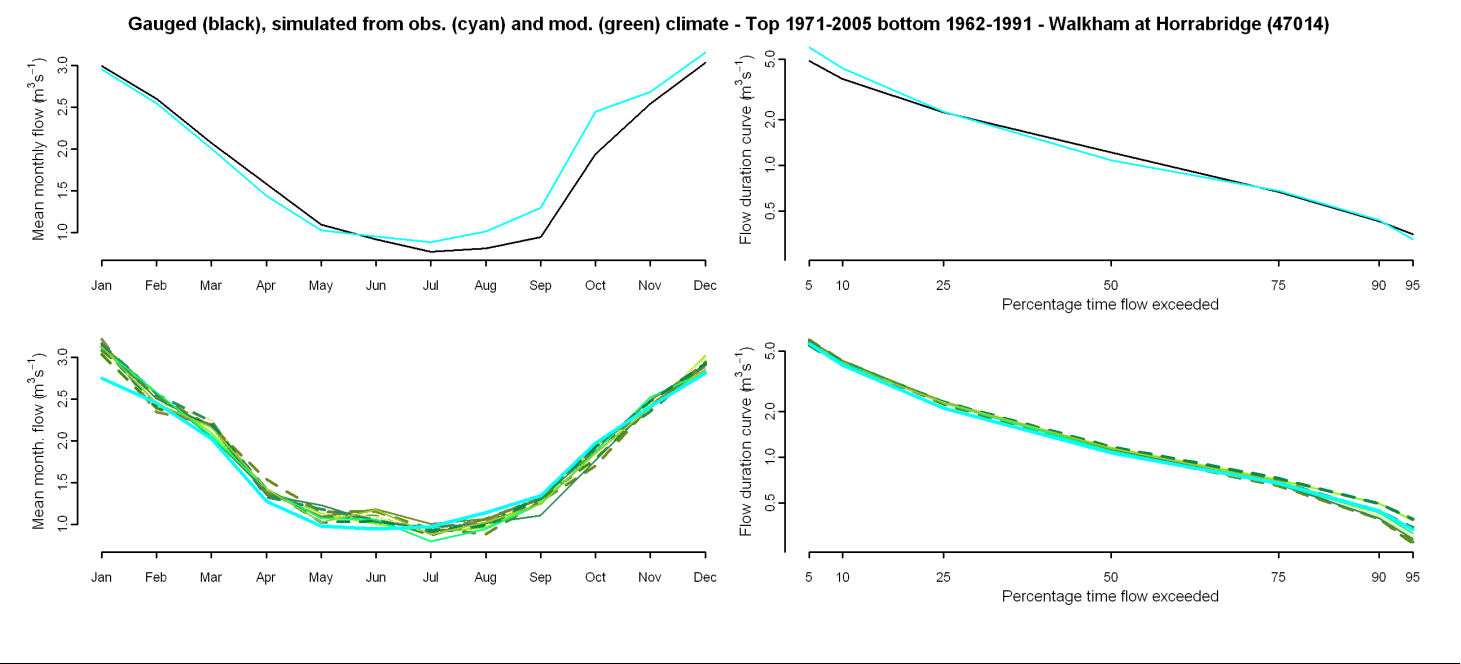
Gauged (black) and simulated (cyan) flows from observed climate - Walkham at Horrabridge (47014)



Gauged (black) and simulated (cyan) flows from observed climate - Walkham at Horrabridge (47014)



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

Climate change graphs for 2050s

