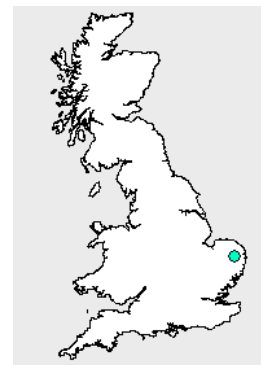


General Information

River Name	Tas	Catchment Area (km2)	147
Station Name	Shotesham	SAAR (mm) 61-90	610
Station Number	34002	Mean Annual Rain (mm) 62-91	609
Grid Reference	TM226994	Mean Annual PE (mm) 62-91	610
EA Region	EA-A	Observed flow record	1962 to 2005



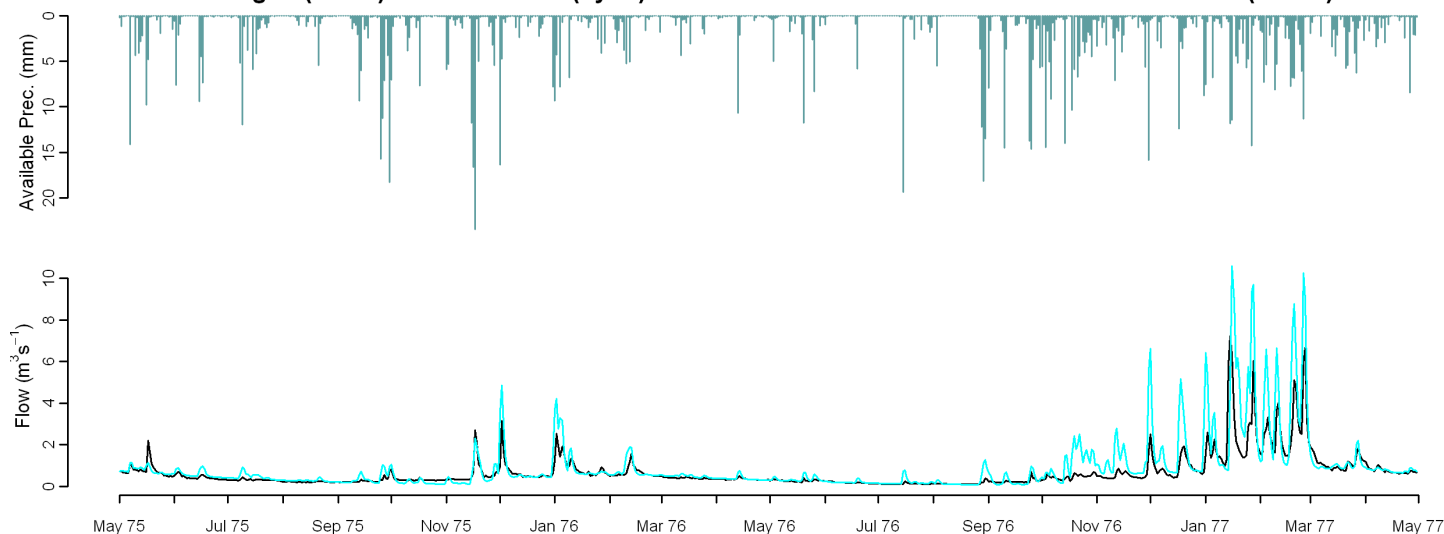
Observed Data

Comparison of gauged and simulated flow

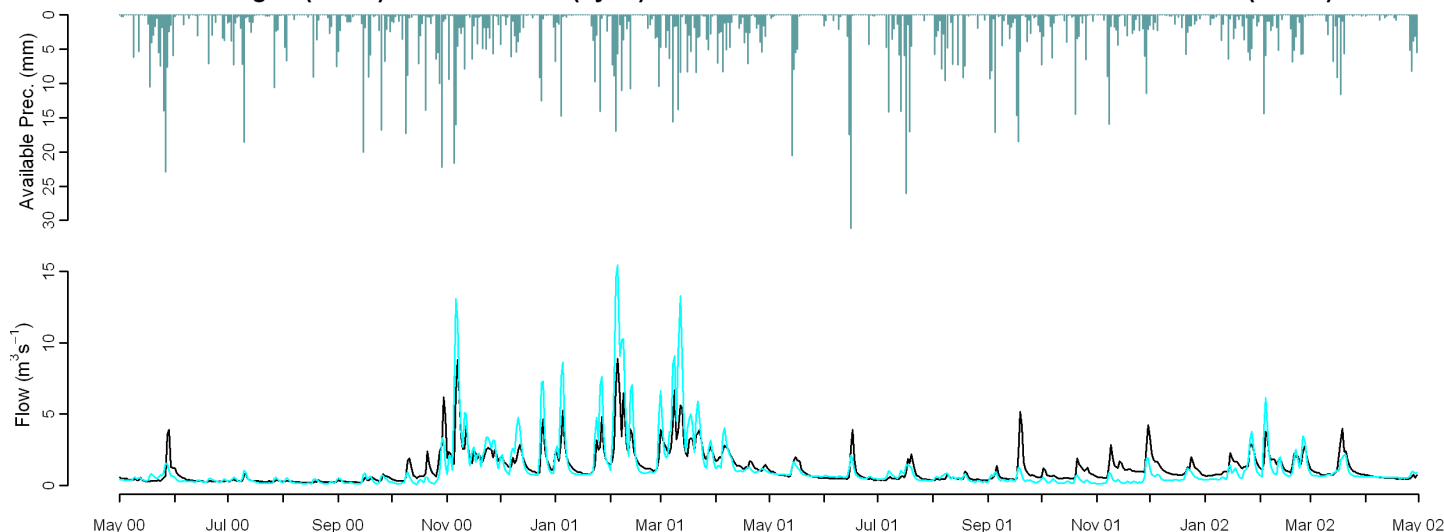
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	12.9	34.1	28.1	14.4	7.6	22.4	27.2	28.5	15.9	-0.3	-19.2	-9.1	2.4	0.21
Performance Band	1	2	2	1	2	2	2	2	2	1	1	2	1	3
MORECS (1962-1991)	9.3	27.7	27.1	13.2	3.5	11.2	25.8	22.1	6.5	-11.8	-11.2	-9.1	-5.5	0.39
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-36.5	-5.7	18.8	-0.3	29.4									
Performance Band	1	1	1	2	3									
MORECS (1962-1991)	-38.6	-11.0	18.9	-0.3	25.6									

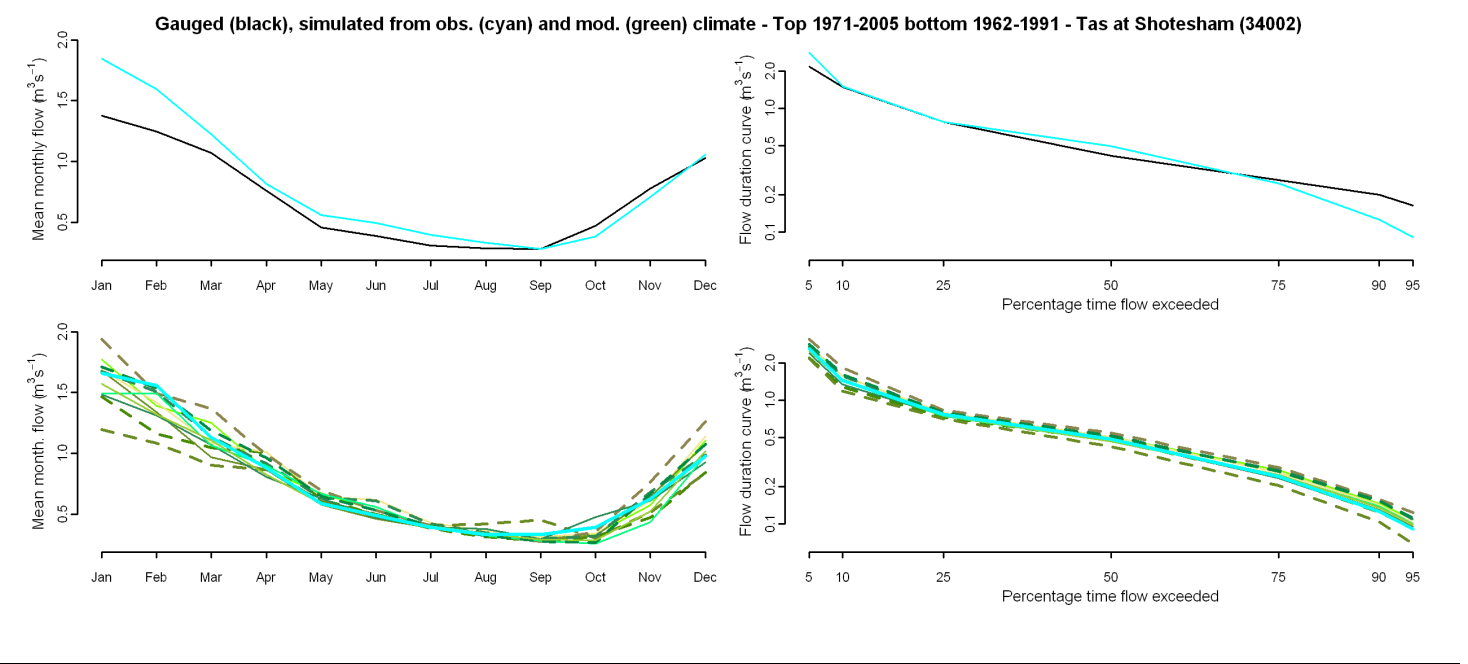
Gauged (black) and simulated (cyan) flows from observed climate - Tas at Shotesham (34002)



Gauged (black) and simulated (cyan) flows from observed climate - Tas at Shotesham (34002)



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	-9	6	15	-2	-11	-4	3	-5	3	-7
January	7	-18	7	19	3	-25	-16	3	-8	5	-9
April	0	7	18	23	8	-2	-2	7	4	11	0
July	3	2	13	10	-2	5	4	10	2	3	4
October	-11	-16	-12	-5	-25	-20	25	-16	-22	-30	-28
Q90	16	-1	11	31	3	-16	0	23	8	19	7
Q75	12	0	8	21	-2	-15	-2	13	2	8	3
Q50	4	-2	4	14	-1	-13	-2	5	-4	5	-5
Q25	3	-6	3	9	-2	-8	-2	4	-2	3	-3
Q5	5	-18	5	21	-3	-16	-10	4	-1	8	-6
RP2	-13	-19	-2	-3	-10	-8	-10	-4	-17	-13	-24
RP10	-11	-10	5	-3	-13	3	-8	0	-27	-10	-28

Climate change graphs for 2050s

