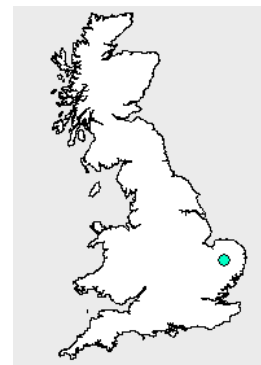


## General Information

River Name	Thet	Catchment Area (km2)	278
Station Name	Bridgham	SAAR (mm) 61-90	620
Station Number	33044	Mean Annual Rain (mm) 62-91	621
Grid Reference	TL957855	Mean Annual PE (mm) 62-91	604
EA Region	EA-A	Observed flow record	1967 to 2005



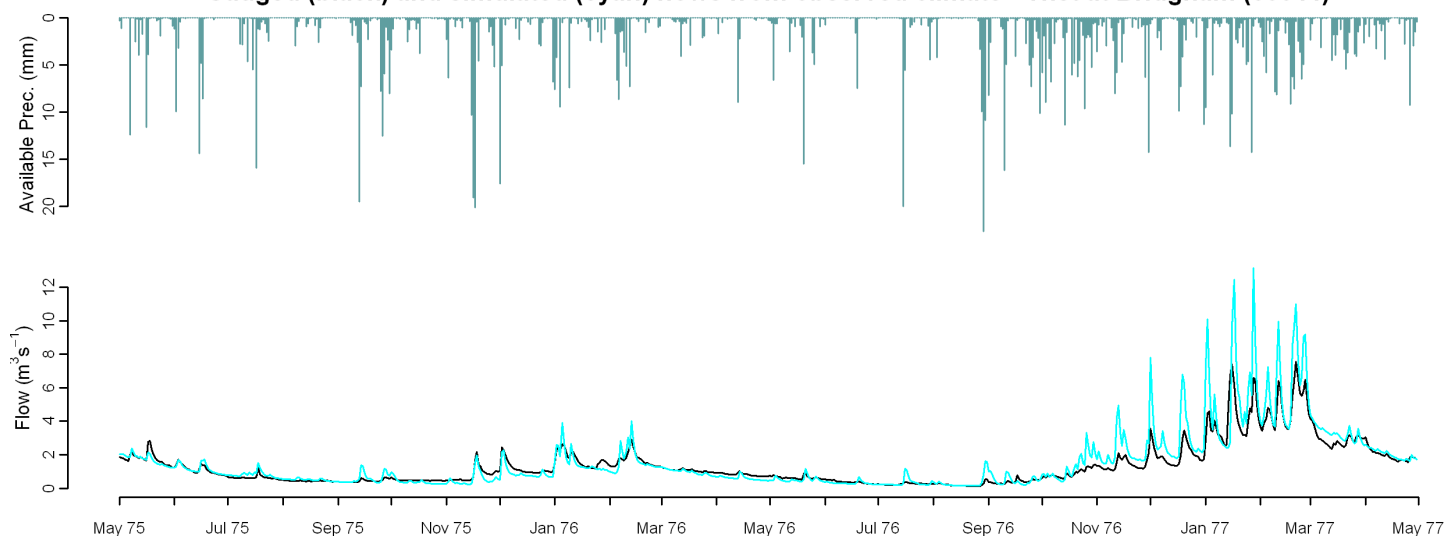
## Observed Data

## Comparison of gauged and simulated flow

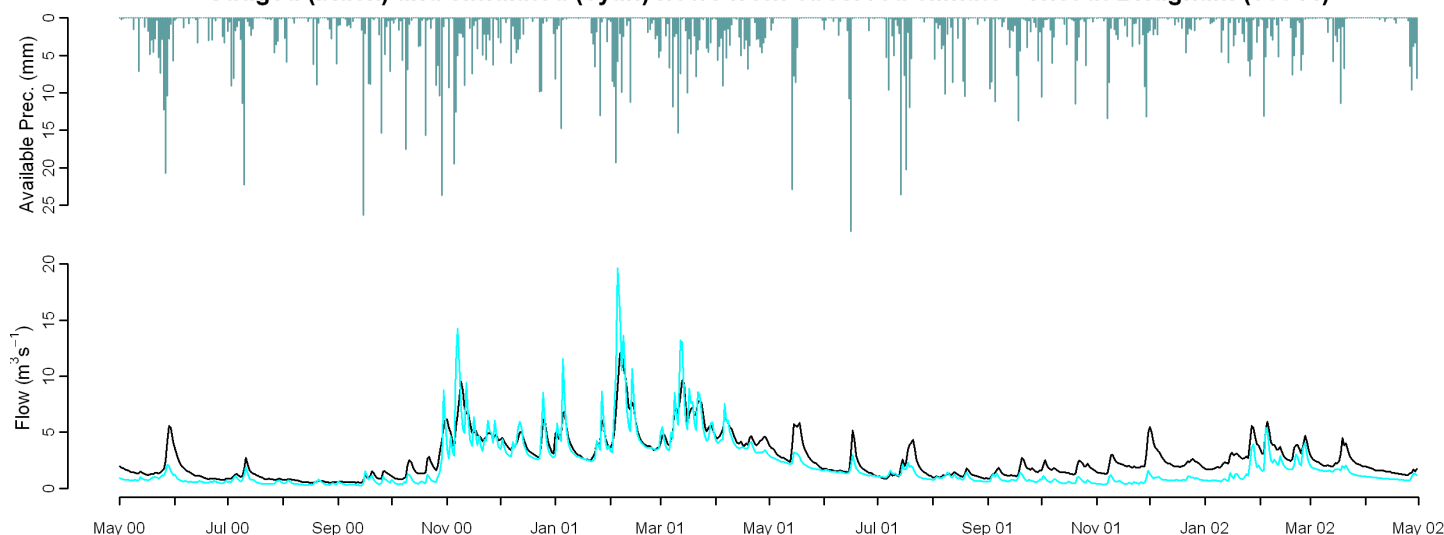
## Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-7.4	7.4	6.1	-6.0	-13.7	-15.1	-10.1	-2.9	-9.3	-20.4	-31.6	-17.6	-9.0	0.69
Performance Band	2	1	1	1	2	2	2	1	2	2	3	2	2	1
MORECS (1962-1991)	-6.2	8.0	8.5	-2.8	-12.0	-16.8	-10.0	-3.9	-14.5	-23.2	-27.1	-15.6	-8.5	0.70
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-30.0	-19.5	-17.1	-12.6	-0.7									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-31.3	-19.0	-13.4	-7.7	-1.3									

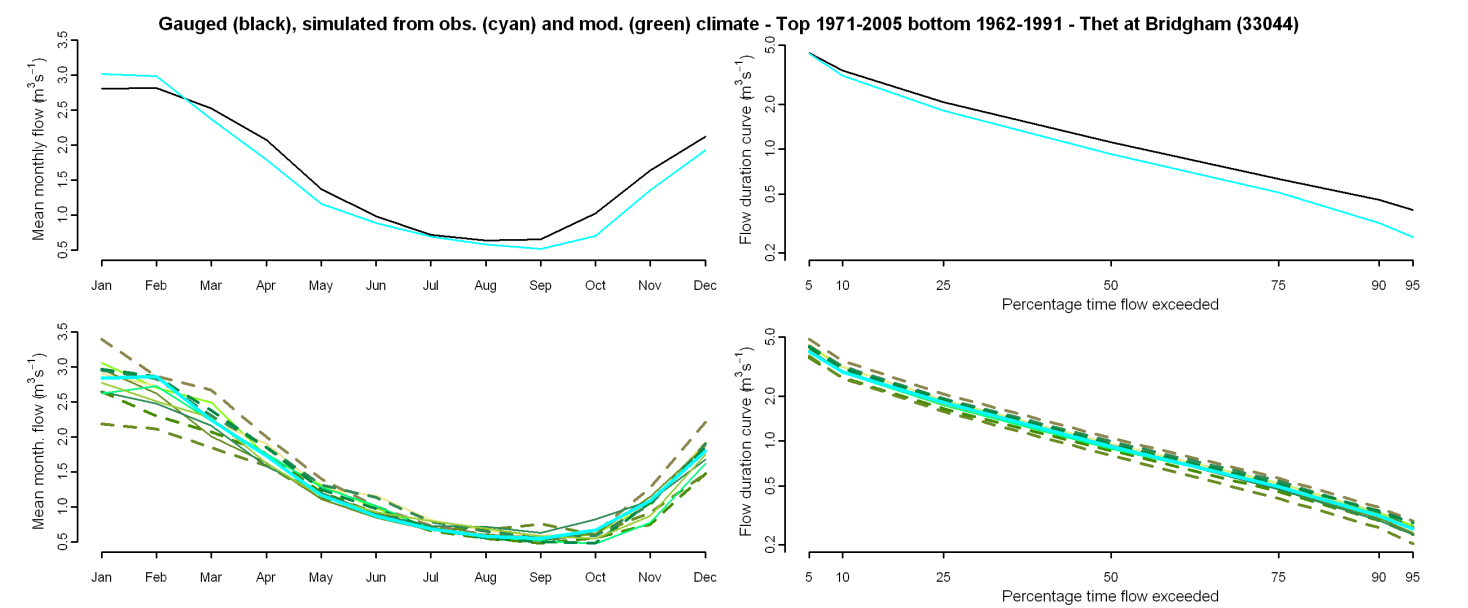
Gauged (black) and simulated (cyan) flows from observed climate - Thet at Bridgham (33044)



Gauged (black) and simulated (cyan) flows from observed climate - Thet at Bridgham (33044)



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	6	-10	7	17	0	-10	-1	6	-4	3	-4
January	8	-12	6	21	6	-21	-11	7	-5	6	-5
April	2	-2	14	23	0	-8	-6	11	3	9	-1
July	5	-1	22	14	-1	3	13	18	4	3	17
October	-5	-15	-4	1	-16	-8	26	-5	-21	-26	-18
Q90	6	-7	3	18	-4	-17	-6	6	2	7	1
Q75	5	-7	5	17	-5	-17	-4	11	0	3	-1
Q50	5	-6	6	17	-1	-14	2	13	-3	4	-1
Q25	4	-11	5	16	-2	-13	-4	9	-2	5	-5
Q5	9	-13	12	23	2	-7	-1	10	0	8	-2
RP2	-7	-13	8	4	-5	-8	0	7	-12	-4	-16
RP10	10	5	19	16	11	15	11	20	-7	8	-12

Climate change graphs for 2050s

