

General Information

River Name	Little Ouse	Catchment Area (km2)	101
Station Name	Knettishall	SAAR (mm) 61-90	595
Station Number	33063	Mean Annual Rain (mm) 62-91	595
Grid Reference	TL955807	Mean Annual PE (mm) 62-91	598
EA Region	EA-A	Observed flow record	1980 to 2005



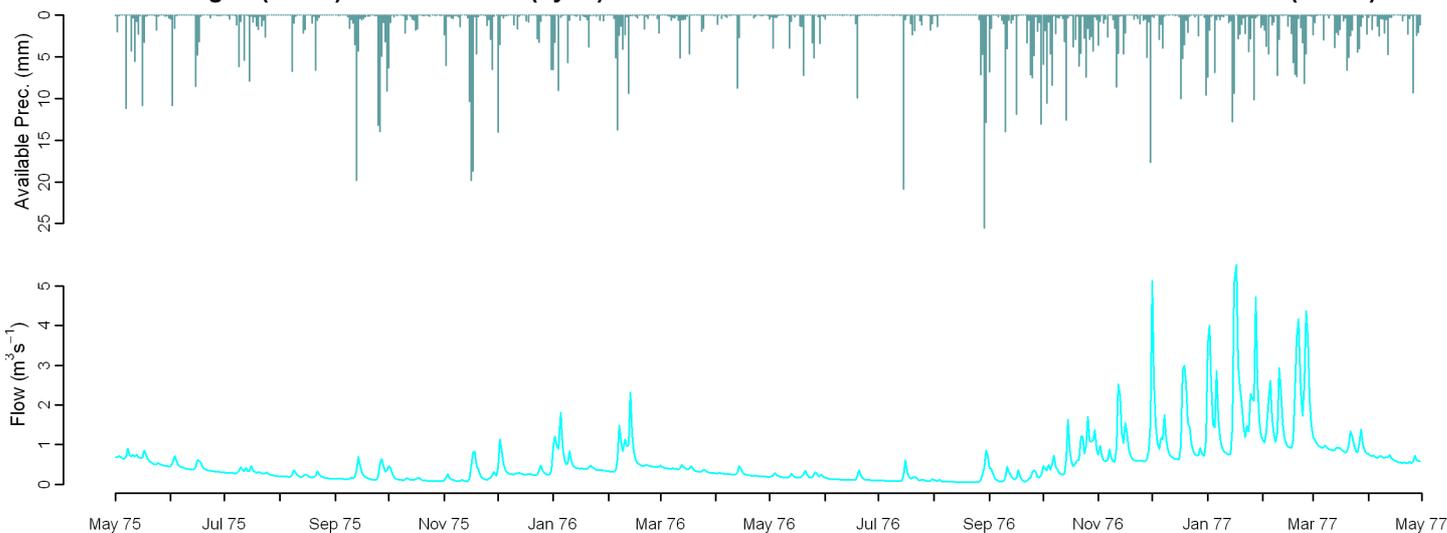
Observed Data

Comparison of gauged and simulated flow

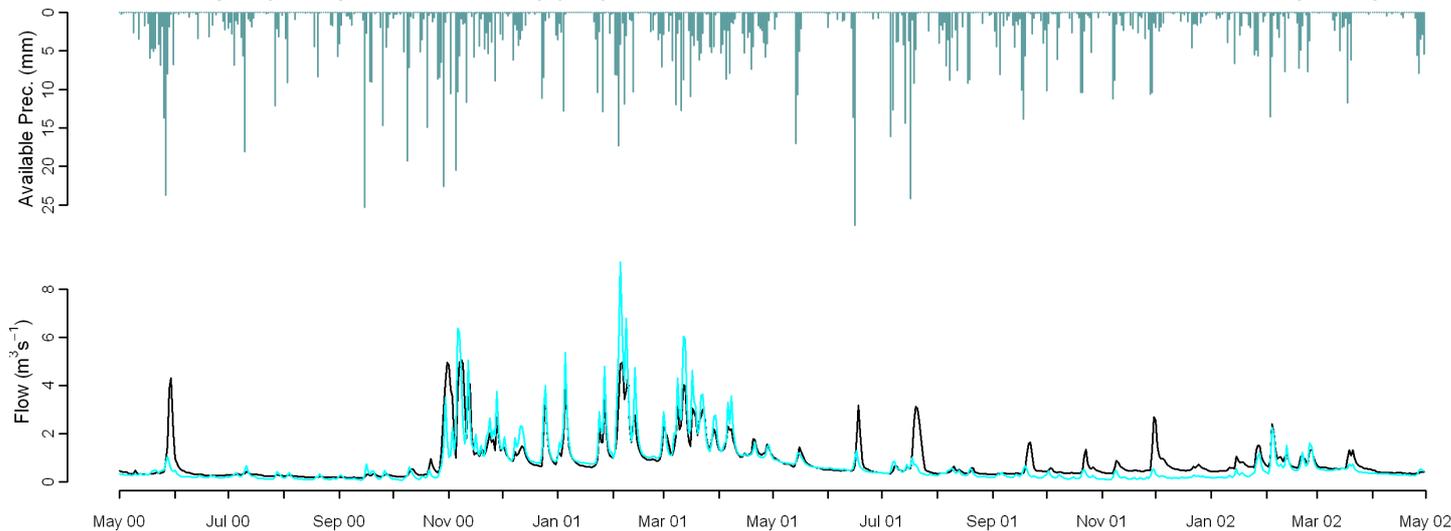
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	11.5	39.4	35.1	13.5	3.3	1.9	4.0	3.3	-5.7	-14.7	-17.4	-7.1	19.6	0.49
Performance Band	1	3	2	1	1	1	1	1	1	2	2	2	2	2
MORECS (1962-1991)	13.6	39.5	41.9	19.3	6.7	7.1	3.1	14.2	-11.0	-9.8	-13.9	-2.4	13.8	0.50
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	-29.5	-10.4	7.6	15.6	22.2									
Performance Band	1	1	1	1	2									
MORECS (1962-1991)	-23.8	-9.1	15.1	21.7	21.0									

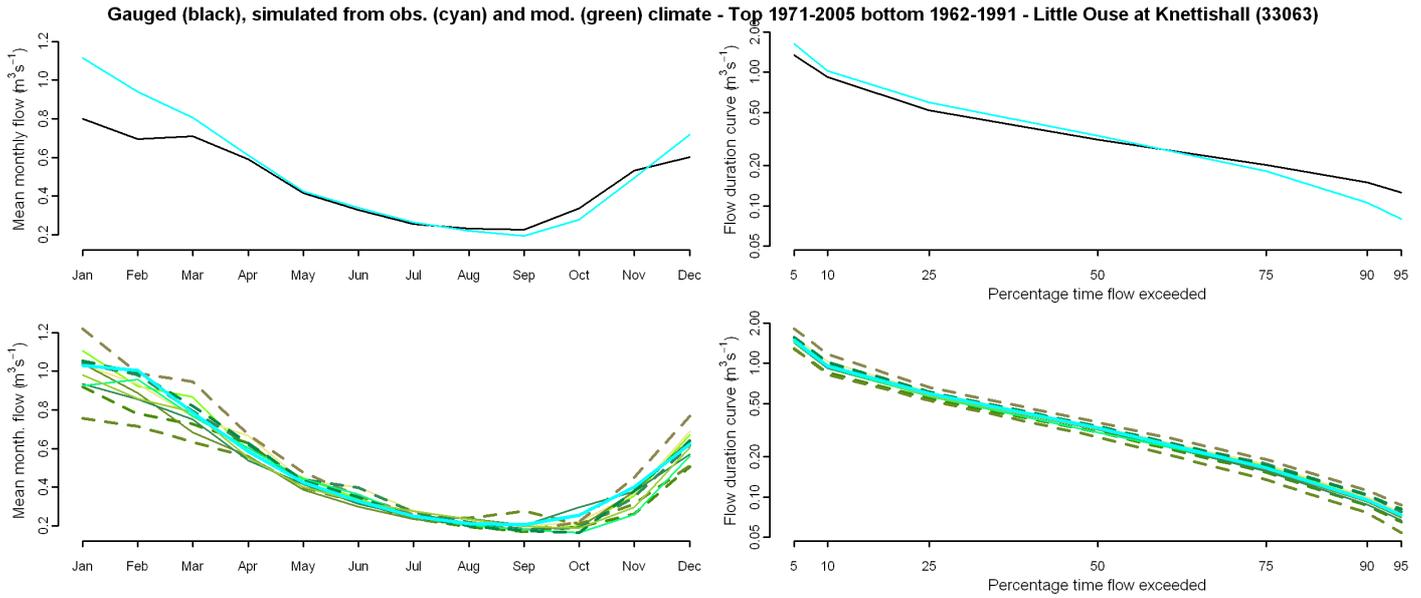
Gauged (black) and simulated (cyan) flows from observed climate - Little Ouse at Knettishall (33063)



Gauged (black) and simulated (cyan) flows from observed climate - Little Ouse at Knettishall (33063)



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	3	-12	5	14	-4	-13	-4	1	-7	1	-7
January	7	-17	4	20	3	-25	-14	4	-8	4	-8
April	0	2	18	22	2	-6	-4	9	4	9	0
July	1	-3	15	9	-6	-2	5	10	1	0	11
October	-19	-21	-12	-8	-29	-15	20	-21	-29	-33	-26
Q90	6	-9	4	22	-4	-20	-6	10	-1	7	0
Q75	4	-7	6	17	-6	-19	-5	8	1	3	-2
Q50	1	-8	3	12	-5	-16	-3	3	-7	2	-4
Q25	1	-11	3	13	-5	-12	-5	3	-4	3	-6
Q5	6	-18	7	23	-2	-14	-6	7	-3	7	-6
RP2	-10	-19	-1	-2	-10	-14	-10	-1	-18	-6	-20
RP10	9	2	16	14	5	14	2	18	-8	6	-17

Climate change graphs for 2050s

