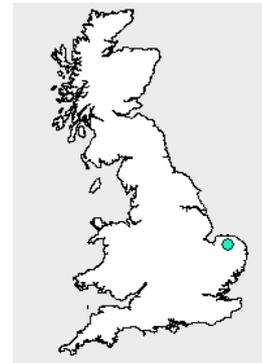


General Information

River Name	Wensum	Catchment Area (km2)	398
Station Name	Swanton Morley Total	SAAR (mm) 61-90	685
Station Number	34014	Mean Annual Rain (mm) 62-91	682
Grid Reference	TG020184	Mean Annual PE (mm) 62-91	612
EA Region	EA-A	Observed flow record	1969 to 2005



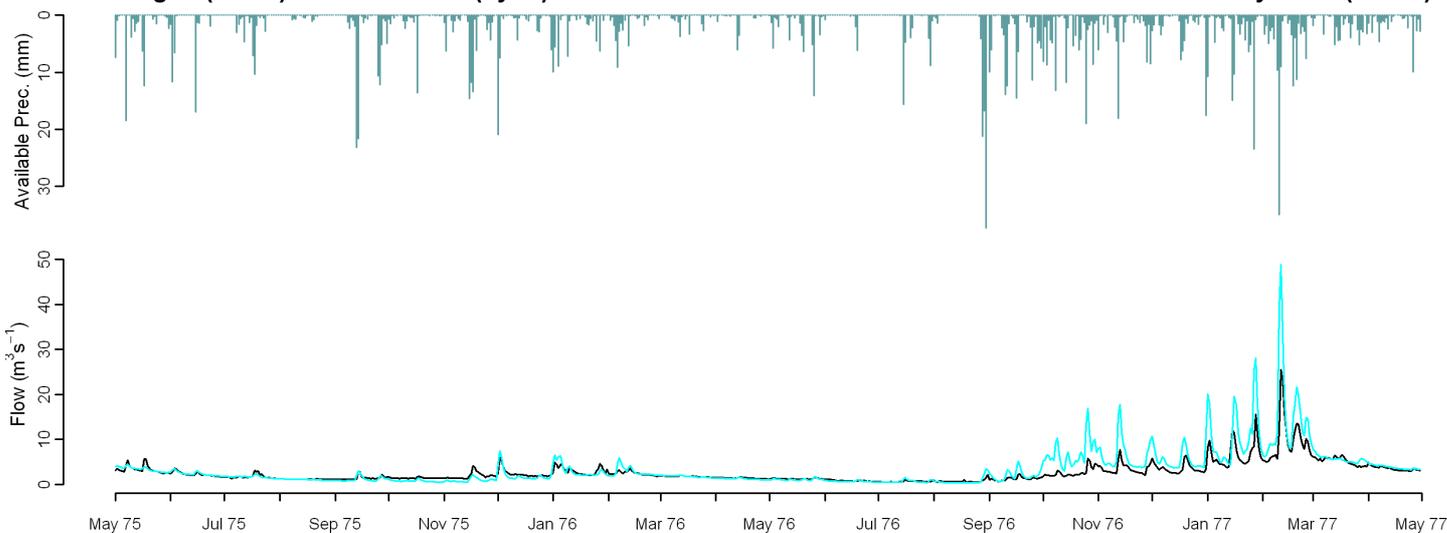
Observed Data

Comparison of gauged and simulated flow

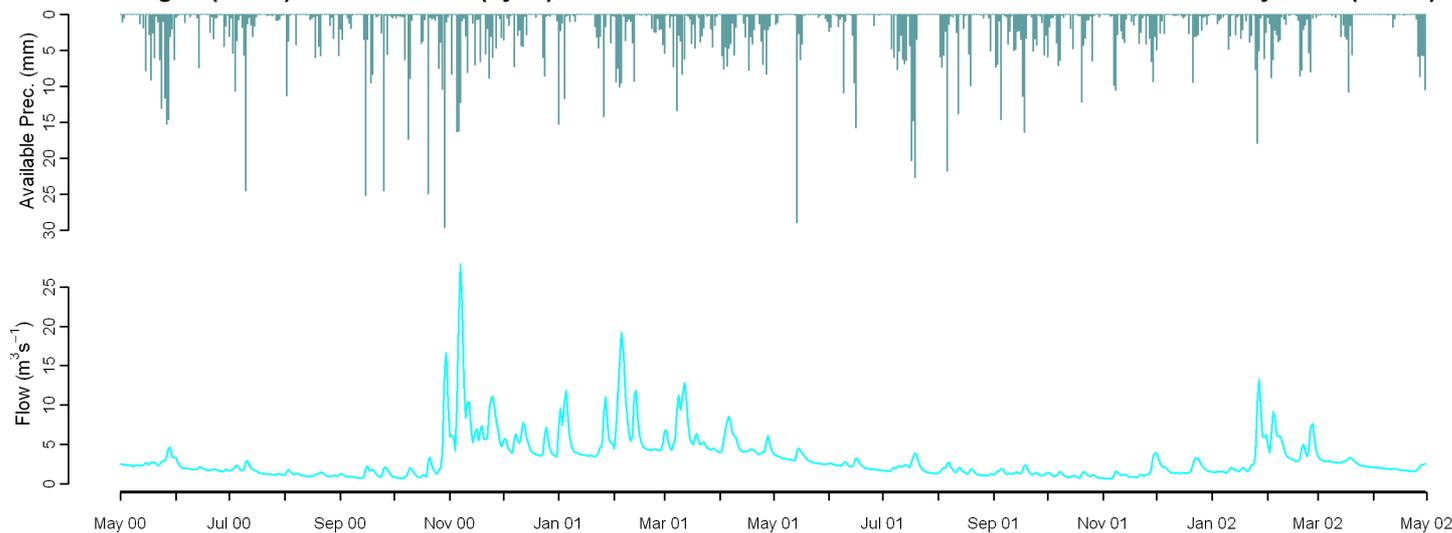
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-8.9	12.7	12.6	1.2	-4.7	-8.7	-10.9	-17.4	-27.6	-34.4	-29.5	-23.7	-14.4	0.54
Performance Band	1	2	2	1	1	1	2	2	2	3	2	2	1	2
MORECS (1962-1991)	-6.5	15.1	18.0	5.9	-1.4	-7.9	-8.7	-16.8	-29.8	-35.5	-27.9	-21.3	-14.1	0.49
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-41.0	-30.3	-17.7	-6.6	13.6									
Performance Band	1	1	1	1	2									
MORECS (1962-1991)	-45.5	-33.5	-17.2	-3.5	16.6									

Gauged (black) and simulated (cyan) flows from observed climate - Wensum at Swanton Morley Total (34014)

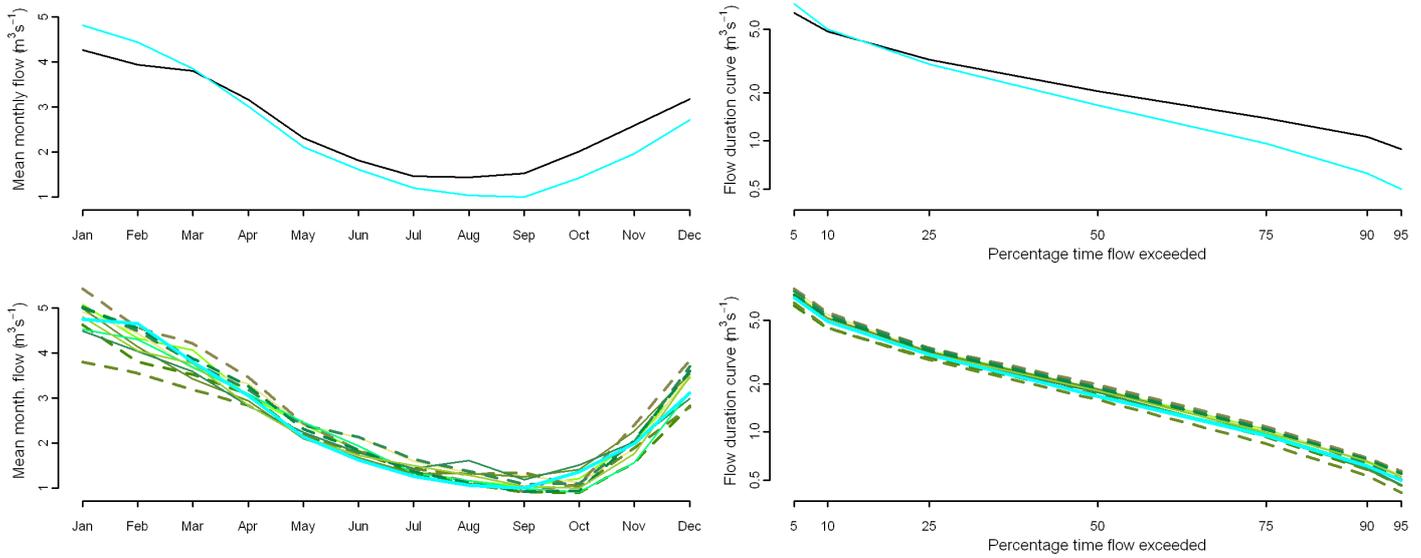


Gauged (black) and simulated (cyan) flows from observed climate - Wensum at Swanton Morley Total (34014)



Comparison of gauged and simulated flow (observed and modelled climate)

Gauged (black), simulated from obs. (cyan) and mod. (green) climate - Top 1971-2005 bottom 1962-1991 - Wensum at Swanton Morley Total (34014)



Percentage difference between flow simulated from observed climate and Future Flows Climate

	afgcx	afixa	afixc	afixh	afixi	afixj	afixk	afixl	afixm	afixo	afixq
Annual	7	-6	9	14	3	-6	1	10	-1	3	-2
January	7	-8	7	16	6	-18	-10	8	-1	4	-2
April	3	-3	13	18	4	-6	-5	8	2	9	-2
July	11	8	30	17	6	15	20	34	8	9	19
October	-7	-31	-16	-15	-5	-23	14	-10	-23	-30	-27
Q90	7	-4	6	17	-6	-12	-1	5	-1	8	6
Q75	11	0	8	18	0	-10	1	13	2	9	4
Q50	11	3	10	21	8	-5	6	20	2	11	6
Q25	6	-6	6	12	3	-6	-1	12	1	6	-2
Q5	6	-13	12	15	3	-7	-1	12	2	4	-2
RP2	-13	-19	4	-3	-8	-12	-2	0	-9	-16	-19
RP10	-7	-20	10	-8	-1	-9	4	3	-5	-13	-25

Climate change graphs for 2050s

Change between future (2040-2069) and control (1961-1990) simulated flow (green) - Wensum at Swanton Morley Total (34014)

