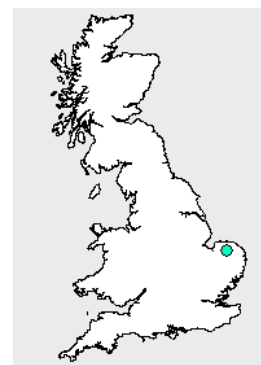


General Information

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



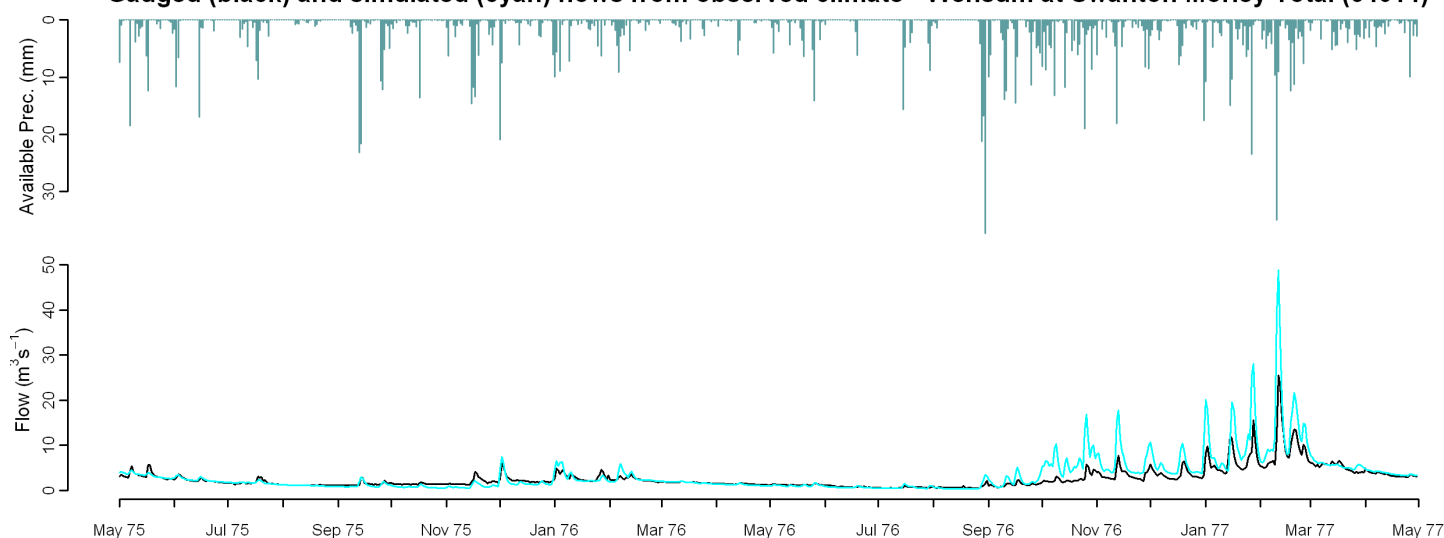
Observed Data

Comparison of gauged and simulated flow

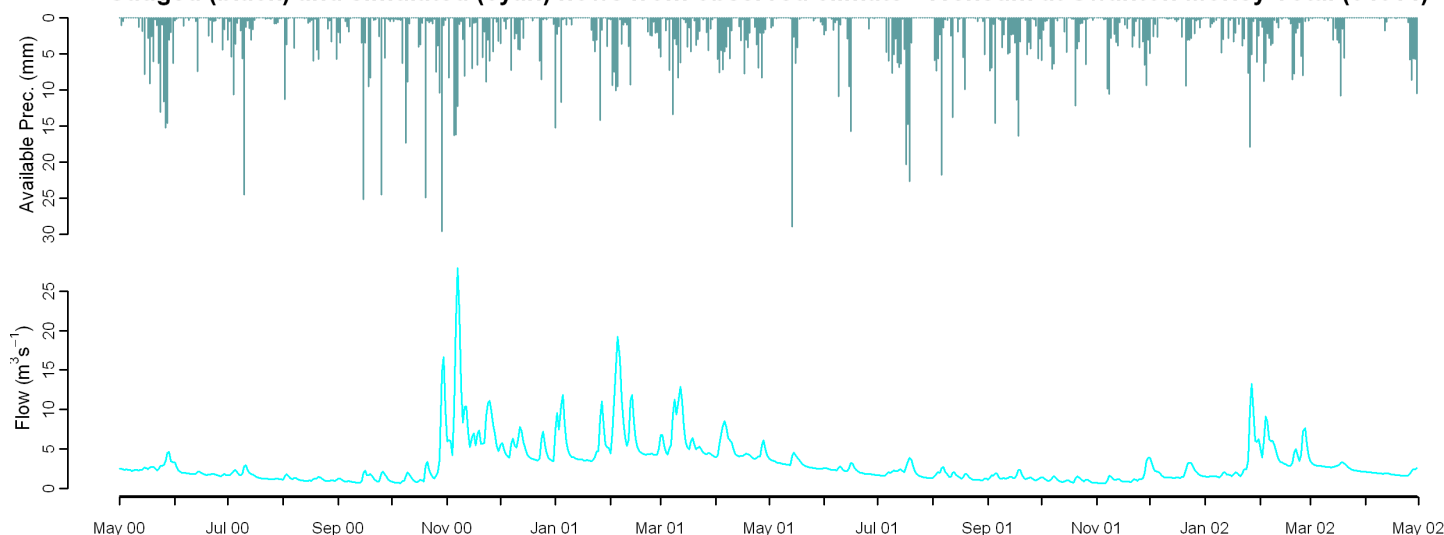
Model used: CERF

	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									

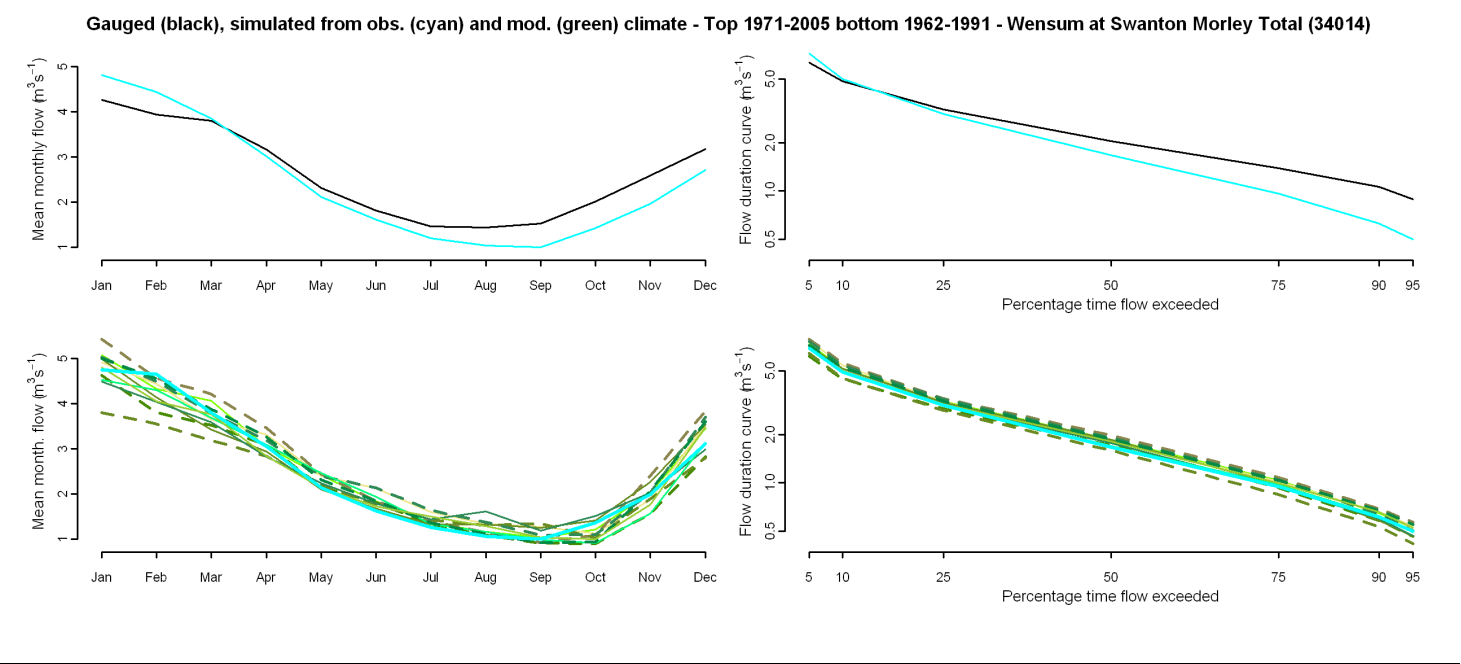
Gauged (black) and simulated (cyan) flows from observed climate - Wensum at Swanton Morley Total (34014)



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)



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

