

General Information

River Name	Stanford Water	Catchment Area (km2)	44
Station Name	Buckenham Tofts	SAAR (mm) 61-90	646
Station Number	33049	Mean Annual Rain (mm) 62-91	647
Grid Reference	TL834953	Mean Annual PE (mm) 62-91	604
EA Region	EA-A	Observed flow record	1973 to 1980



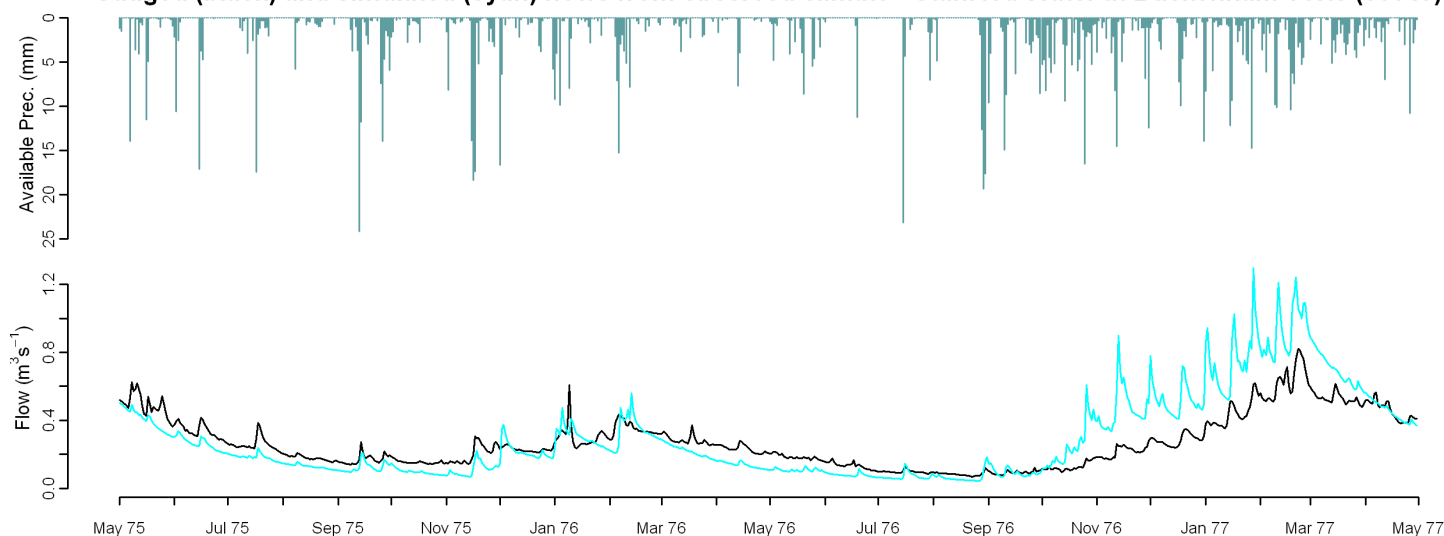
Observed Data

Comparison of gauged and simulated flow

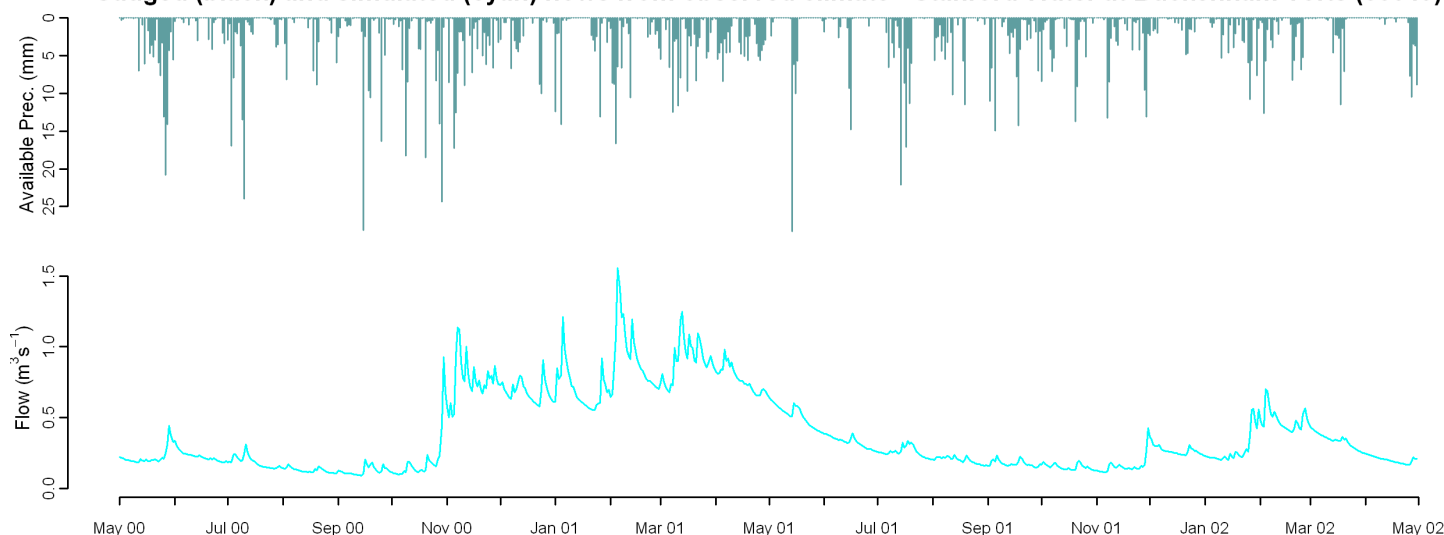
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	2.9	19.0	30.8	12.1	-3.1	-19.0	-21.1	-24.5	-25.4	-22.0	-11.6	13.6	12.5	0.41
Performance Band	1	2	3	2	1	2	2	2	2	2	2	2	2	2
MORECS (1962-1991)	2.9	19.0	30.8	12.1	-3.1	-19.0	-21.1	-24.5	-25.4	-22.0	-11.6	13.6	12.5	0.41
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-34.9	-33.7	-20.7	12.0	25.7									
Performance Band	1	1	2	2	2									
MORECS (1962-1991)	-34.9	-33.7	-20.7	12.0	25.7									

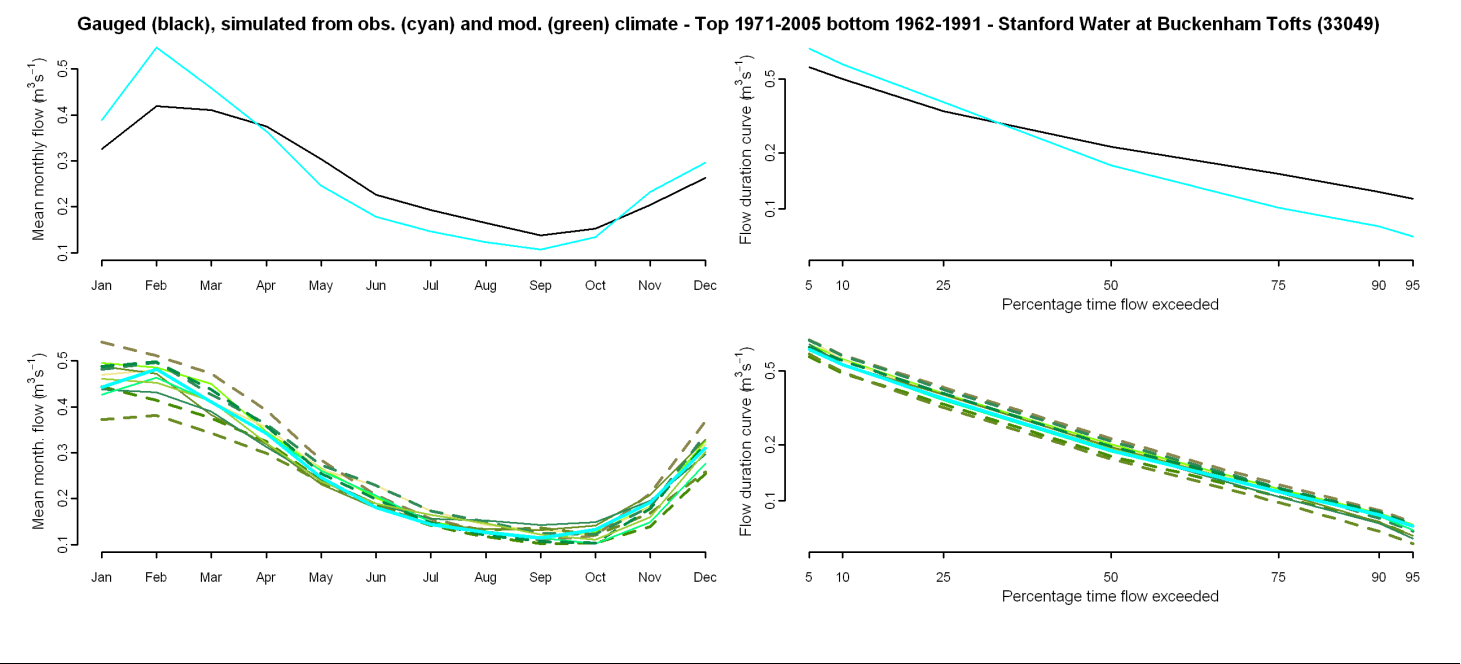
Gauged (black) and simulated (cyan) flows from observed climate - Stanford Water at Buckenham Tofts (33049)



Gauged (black) and simulated (cyan) flows from observed climate - Stanford Water at Buckenham Tofts (33049)



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	-9	8	16	2	-8	0	9	-2	4	-2
January	11	-5	8	24	11	-15	-5	12	0	11	2
April	4	-8	8	20	-3	-12	-8	10	1	7	-3
July	7	-1	24	15	2	4	14	25	6	4	14
October	-1	-20	-4	-4	-2	-8	16	2	-17	-21	-16
Q90	3	-8	-1	10	-9	-17	-8	-3	-2	2	0
Q75	4	-6	2	12	-4	-13	-6	6	-1	3	-1
Q50	8	-7	7	20	3	-10	3	17	0	5	1
Q25	6	-9	6	17	3	-11	-3	14	0	6	-4
Q5	6	-13	13	15	4	-5	5	12	0	3	-2
RP2	6	-10	23	13	5	-1	13	15	0	0	-3
RP10	18	-3	29	29	13	4	21	18	0	3	-6

Climate change graphs for 2050s

