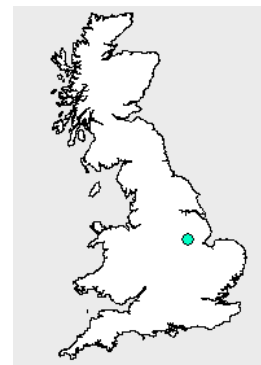


General Information

River Name	Honington Beck	Catchment Area (km ²)	22
Station Name	Honington	SAAR (mm) 61-90	597
Station Number	30018	Mean Annual Rain (mm) 62-91	602
Grid Reference	SK936433	Mean Annual PE (mm) 62-91	603
EA Region	EA-A	Observed flow record	1983 to 2005



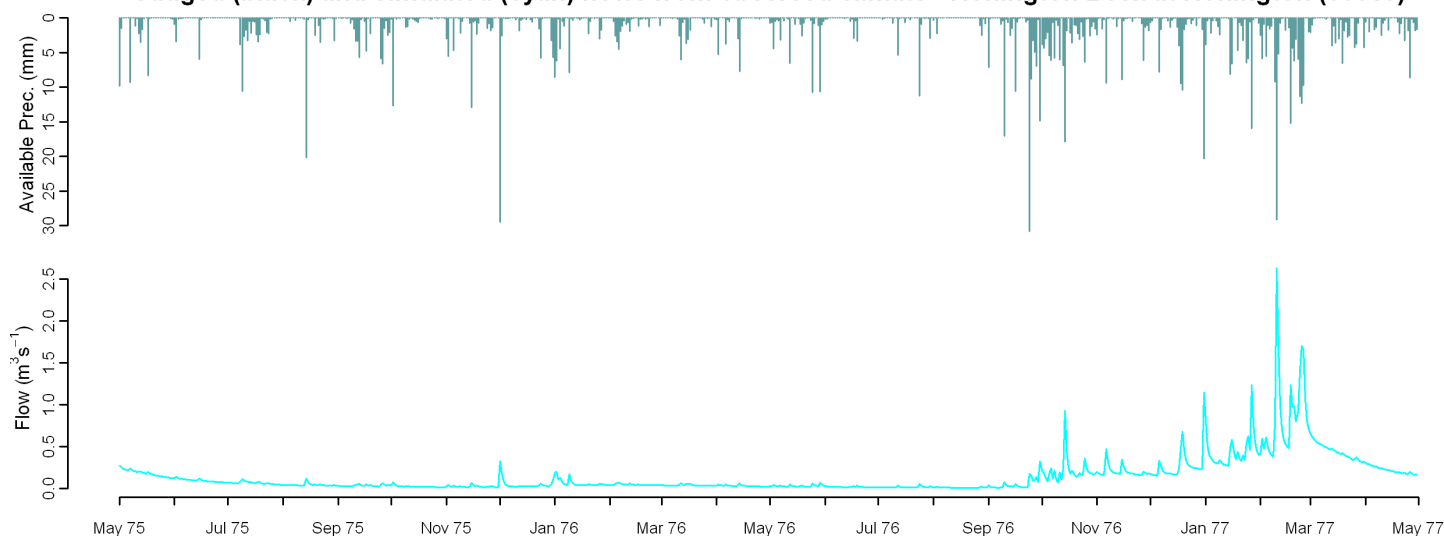
Observed Data

Comparison of gauged and simulated flow

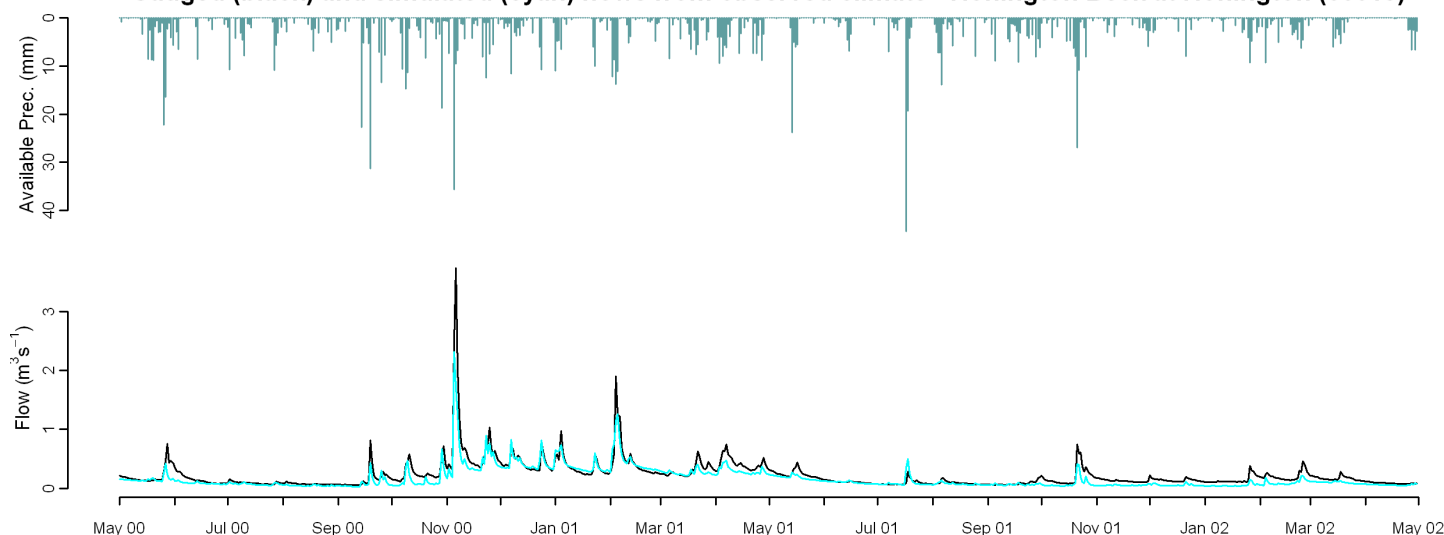
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-21.0	-6.6	1.6	-6.8	-25.9	-17.3	-12.6	-2.7	-66.6	-57.8	-43.1	-27.9	-12.1	0.36
Performance Band	3	1	1	1	2	2	2	2	3	3	3	3	1	3
MORECS (1962-1991)	-10.7	-13.1	4.3	-2.6	-17.8	-17.0	-12.8	15.2	10.9	-23.7	-36.6	-27.3	-14.0	0.62
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-13.3	-16.6	-16.7	-3.5	-14.6									
Performance Band	1	1	1	2	2									
MORECS (1962-1991)	6.1	-11.8	1.2	2.2	-10.2									

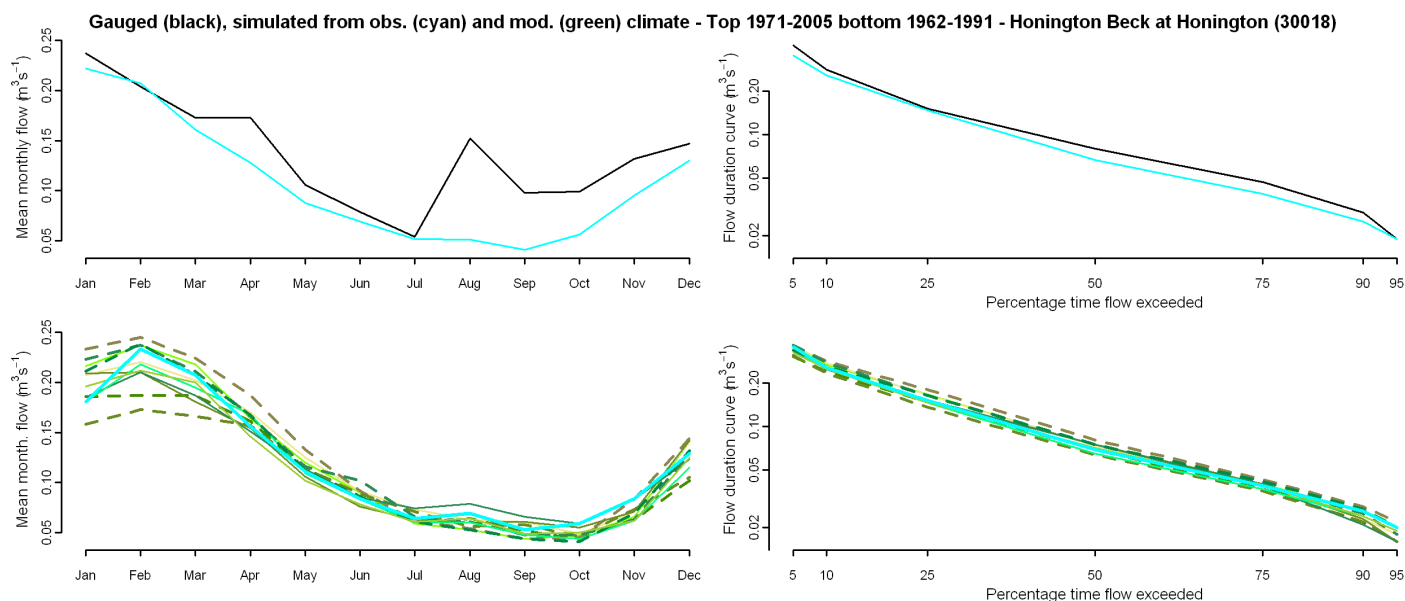
Gauged (black) and simulated (cyan) flows from observed climate - Honington Beck at Honington (30018)



Gauged (black) and simulated (cyan) flows from observed climate - Honington Beck at Honington (30018)



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	5	-9	5	10	-2	-10	-4	7	-10	-1	-8
January	22	-7	18	28	17	-11	-3	26	3	14	5
April	10	0	15	25	1	-1	-3	13	8	8	-5
July	-6	-4	19	0	-2	10	17	11	-9	-5	-4
October	-18	-24	-16	-21	-15	-19	2	-11	-29	-30	-18
Q90	4	-16	-8	5	-16	-15	-18	-4	-7	1	-7
Q75	2	-6	1	9	-3	-7	-4	4	-7	5	-1
Q50	6	-3	10	19	4	-7	6	12	-9	6	0
Q25	9	-8	11	18	-3	-12	-2	12	-5	6	-7
Q5	1	-16	3	5	-5	-13	-5	7	-8	-5	-12
RP2	3	-12	-8	5	4	-4	7	8	-5	-4	-11
RP10	-8	-5	-4	-5	15	-10	24	7	4	-19	-20

Climate change graphs for 2050s

