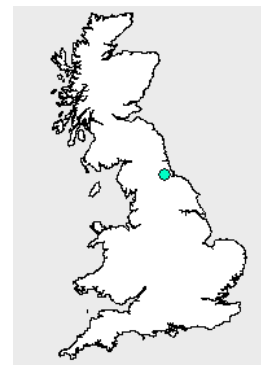


General Information

River Name	Skerne	Catchment Area (km2)	147
Station Name	Preston le Skerne	SAAR (mm) 61-90	654
Station Number	25020	Mean Annual Rain (mm) 62-91	658
Grid Reference	NZ292238	Mean Annual PE (mm) 62-91	576
EA Region	EA-NE	Observed flow record	1972 to 2005



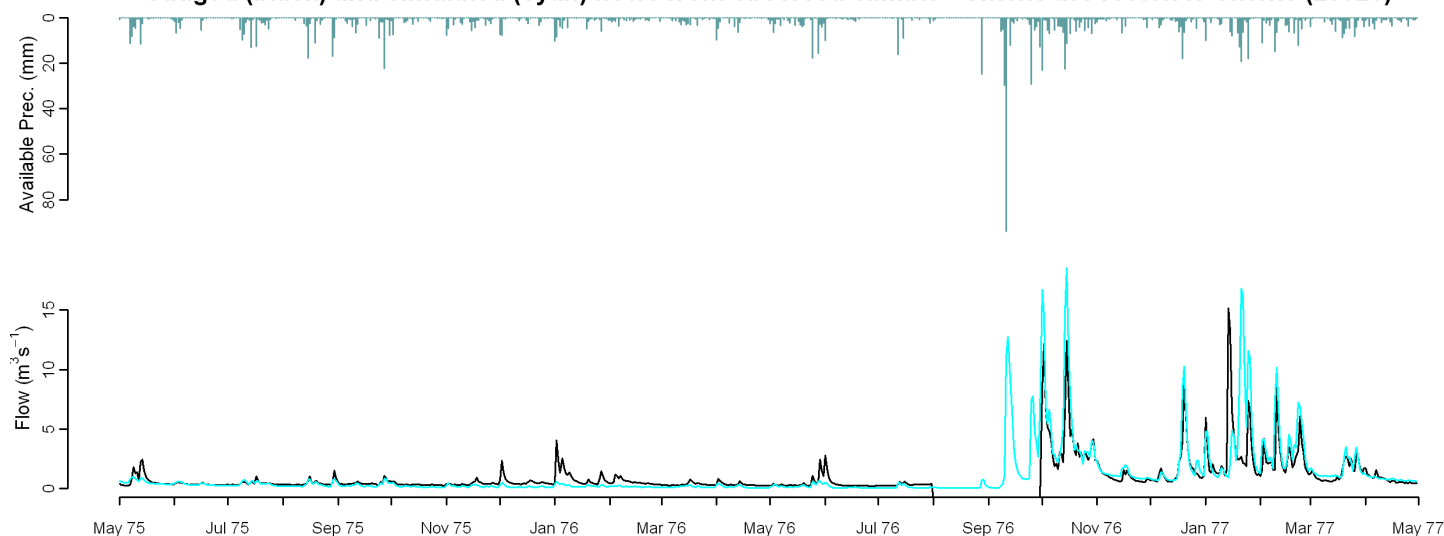
Observed Data

Comparison of gauged and simulated flow

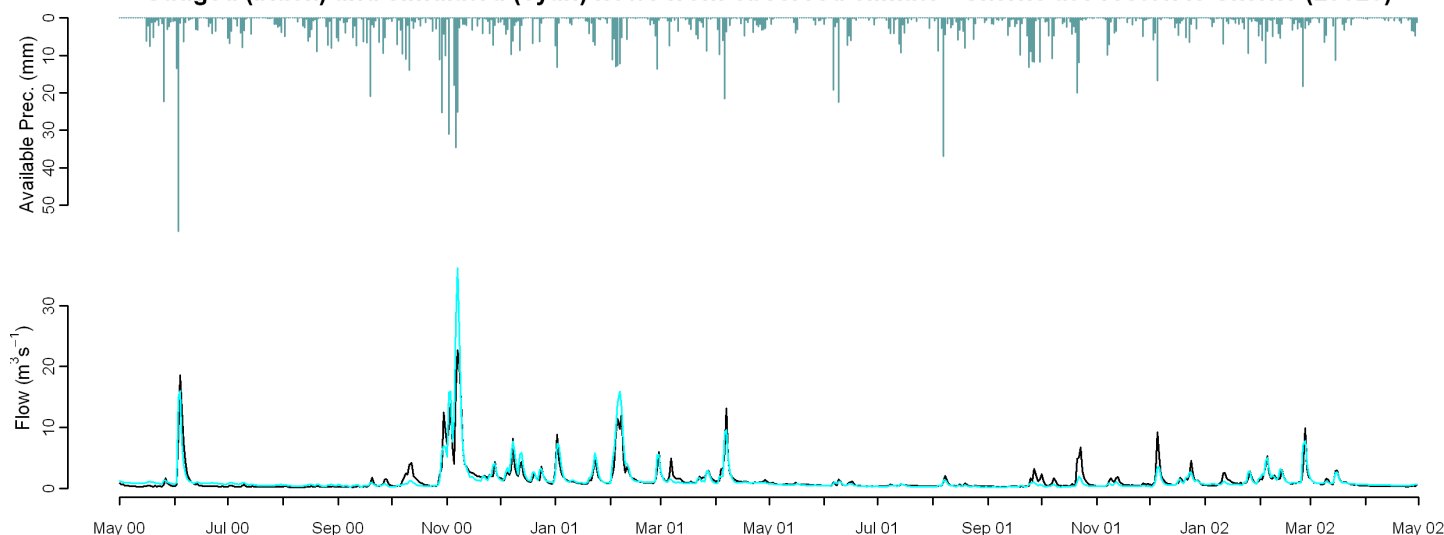
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	0.2	13.2	18.7	5.4	-2.9	7.5	7.5	3.1	-4.7	-5.8	-21.2	-12.6	-11.1	0.64
Performance Band	1	2	2	2	1	1	1	1	2	2	2	3	2	2
MORECS (1962-1991)	-5.4	11.1	15.9	4.3	5.1	-3.7	5.8	-14.4	-16.9	-11.8	-15.9	-33.9	-26.1	0.60
	Q90	Q75	Q50	Q25	Q5									
MORECS (1971-2005)	-1.0	2.9	14.0	2.3	5.1									
Performance Band	1	1	2	1	1									
MORECS (1962-1991)	-24.2	-18.4	-3.4	0.7	2.1									
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-1.0	2.9	14.0	2.3	5.1									
Performance Band	1	1	2	1	1									
MORECS (1962-1991)	-24.2	-18.4	-3.4	0.7	2.1									

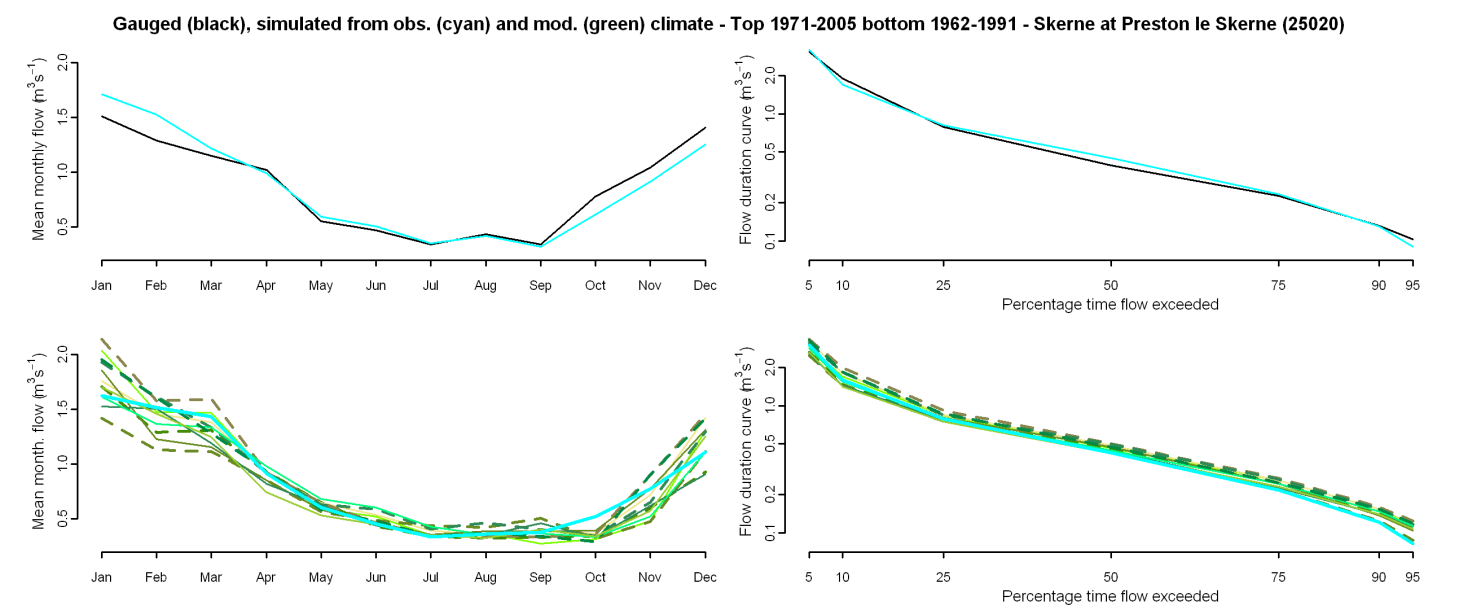
Gauged (black) and simulated (cyan) flows from observed climate - Skerne at Preston le Skerne (25020)



Gauged (black) and simulated (cyan) flows from observed climate - Skerne at Preston le Skerne (25020)



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	2	-10	4	14	-5	-6	-12	7	-6	4	-10
January	29	-7	11	35	13	-4	-8	20	2	21	3
April	2	-10	5	4	-6	-5	-11	8	9	3	-16
July	8	5	20	9	5	33	3	23	24	2	7
October	-37	-31	-29	-28	-28	-37	-30	-30	-35	-44	-34
Q90	29	19	25	37	12	6	15	32	21	25	17
Q75	21	14	18	27	8	3	5	26	11	14	7
Q50	10	6	13	20	7	3	1	20	3	9	-1
Q25	8	-3	7	17	1	-1	-2	11	0	9	-5
Q5	-2	-16	7	14	-5	-12	-16	9	-7	9	-16
RP2	-3	-29	-19	-8	-20	-13	-22	-6	-13	-7	-12
RP10	-14	-32	-24	-19	-28	-21	-15	-18	-22	-22	-6

Climate change graphs for 2050s

