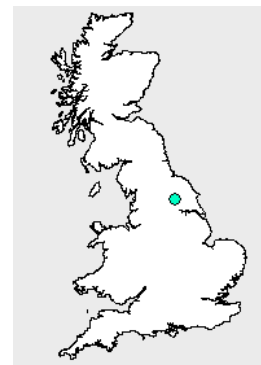


## General Information

River Name	Ouse	Catchment Area (km2)	3315
Station Name	Skelton	SAAR (mm) 61-90	899
Station Number	27009	Mean Annual Rain (mm) 62-91	920
Grid Reference	SE568554	Mean Annual PE (mm) 62-91	559
EA Region	EA-NE	Observed flow record	1969 to 2005



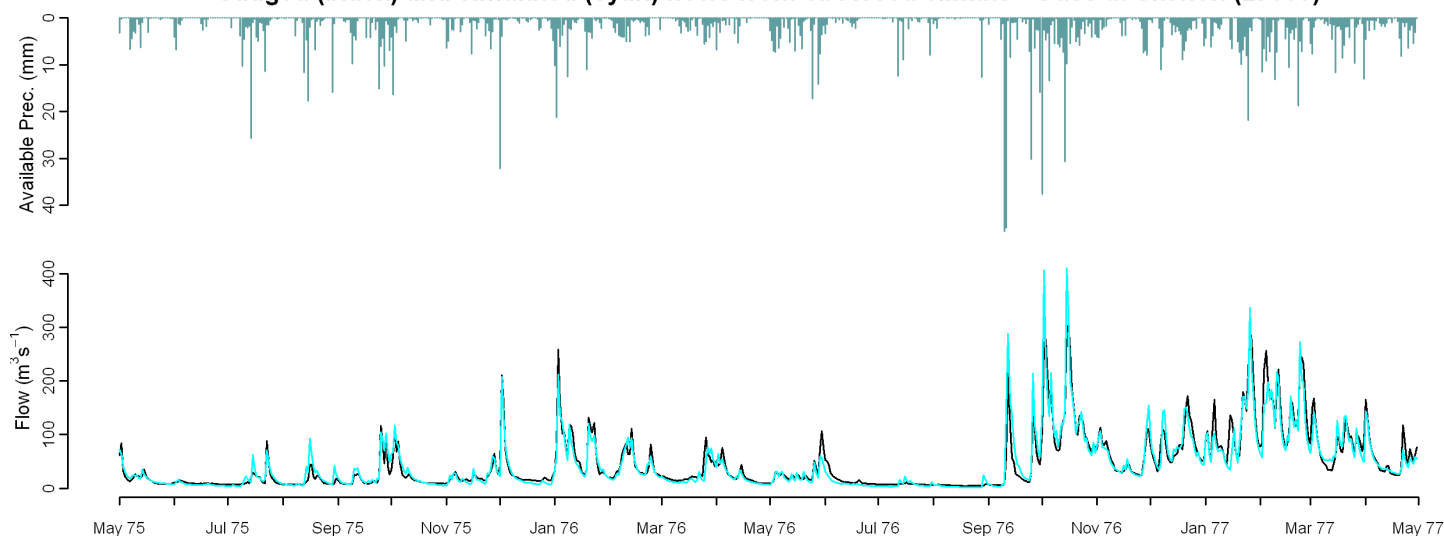
## Observed Data

## Comparison of gauged and simulated flow

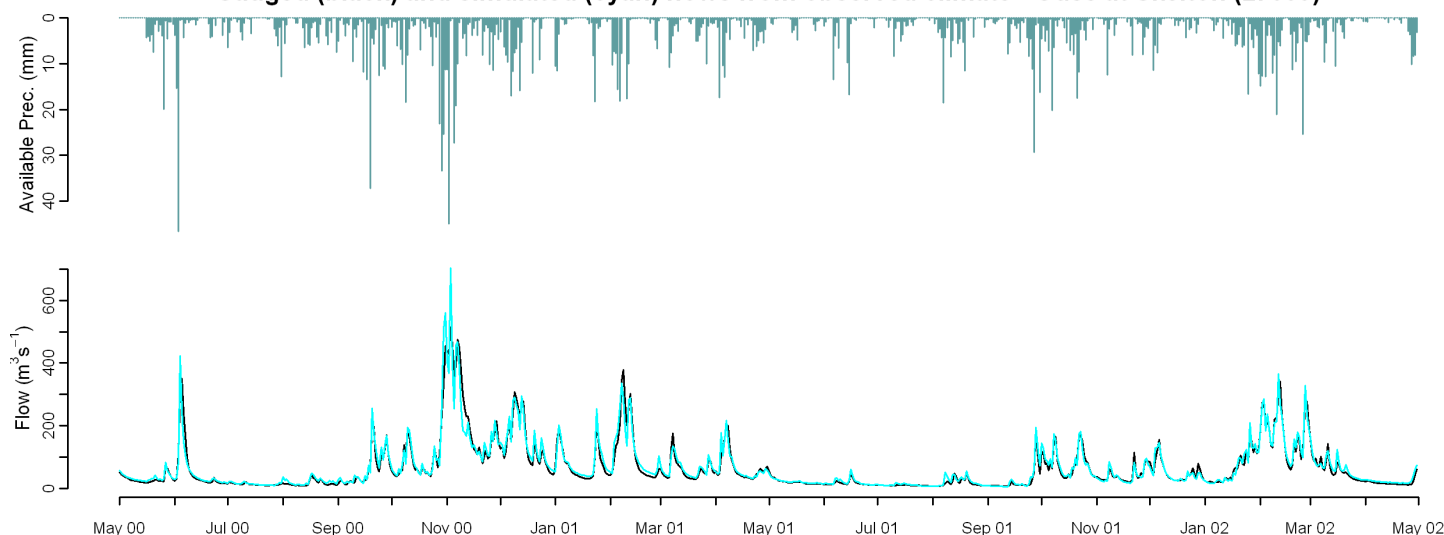
## Model used: CLASSIC

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	3.5	-1.4	1.2	4.5	2.2	0.7	1.0	6.9	8.8	13.1	6.0	2.9	2.7	0.91
Performance Band	1	1	1	1	1	1	1	1	1	2	1	1	1	1
FAO (1962-1991)	7.6	0.7	1.6	6.6	4.9	8.3	10.8	11.3	12.4	20.2	11.5	10.8	5.7	0.90
	Q90	Q75	Q50	Q25	Q5	RP2			RP5	RP10	RP20			
MORECS (1971-2005)	-1.9	8.0	11.6	6.4	-3.1	4.6			10.9	13.9	15.7			
Performance Band	1	1	1	1	1									
FAO (1962-1991)	4.7	14.4	22.4	10.7	-2.7	0.9			3.4	6.1	9.4			

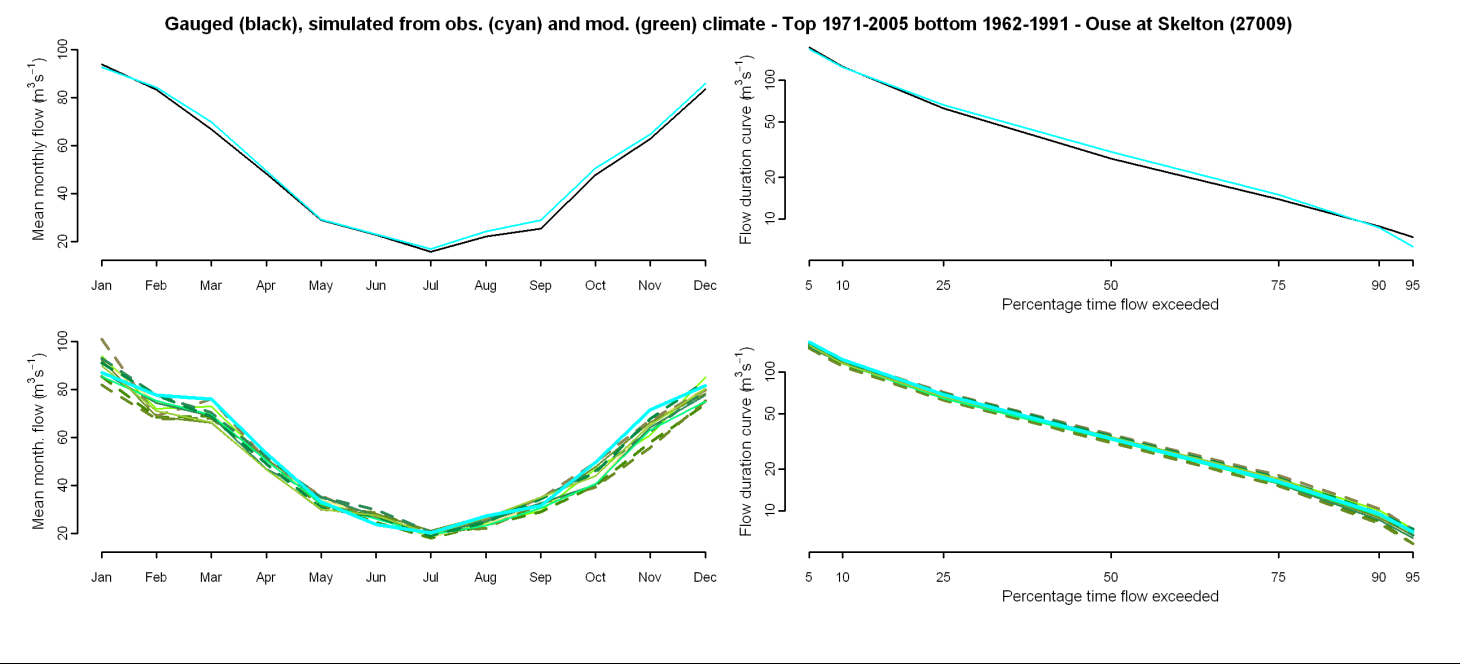
Gauged (black) and simulated (cyan) flows from observed climate - Ouse at Skelton (27009)



Gauged (black) and simulated (cyan) flows from observed climate - Ouse at Skelton (27009)



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

Climate change graphs for 2050s

