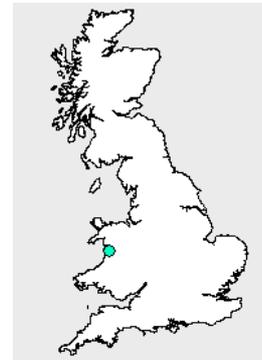


## General Information

River Name	Dyfi	Catchment Area (km2)	471
Station Name	Dyfi Bridge	SAAR (mm) 61-90	1833
Station Number	64001	Mean Annual Rain (mm) 62-91	1843
Grid Reference	SH745019	Mean Annual PE (mm) 62-91	509
EA Region	EA-W	Observed flow record	1962 to 2005



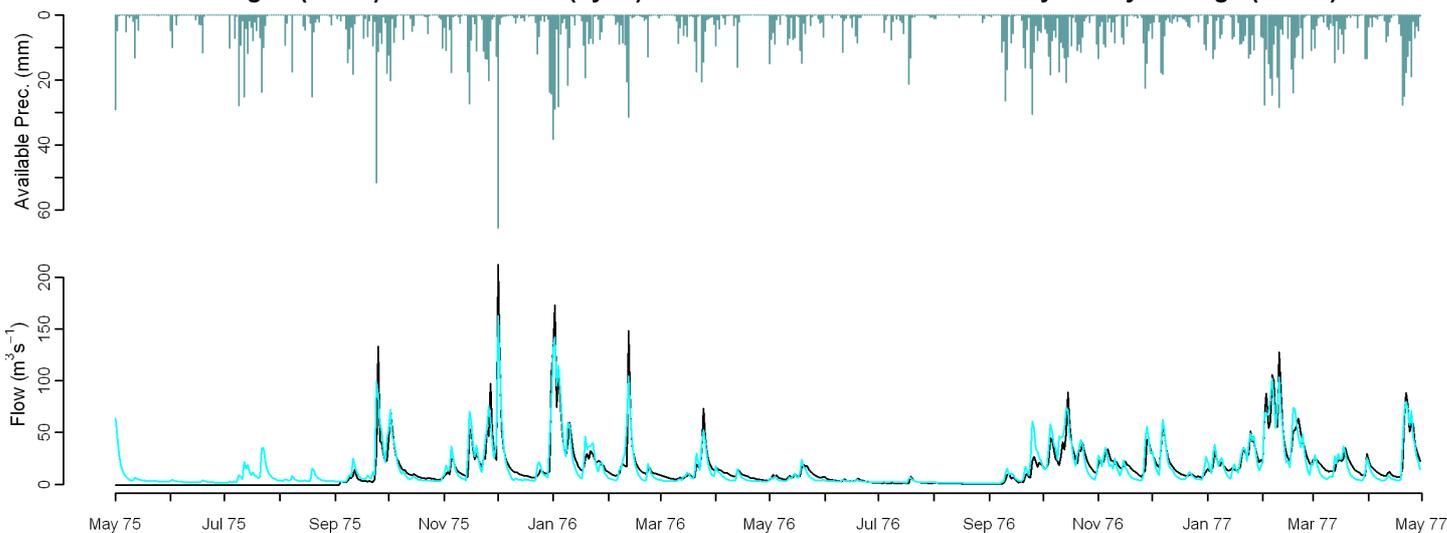
## Observed Data

## Comparison of gauged and simulated flow

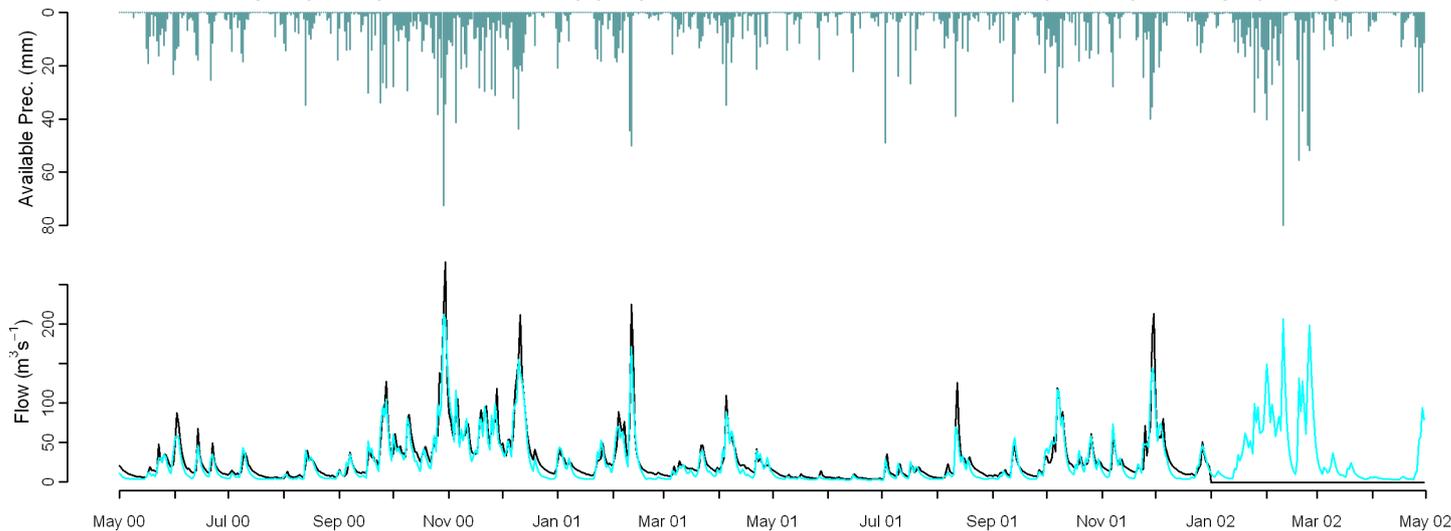
## Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-7.0	-7.0	-6.7	-9.9	-17.8	-20.1	-17.4	-10.1	-2.0	4.1	-2.5	-5.9	-5.9	0.85
Performance Band	1	1	2	2	2	2	2	1	1	1	2	1	1	1
MORECS (1962-1991)	-7.5	-5.6	-8.0	-8.9	-18.9	-21.1	-18.7	-16.6	-7.2	4.5	-4.4	-5.9	-9.0	0.82
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	-5.9	-37.5	-32.3	-3.0	3.3									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-10.5	-39.5	-32.3	-3.5	2.6									

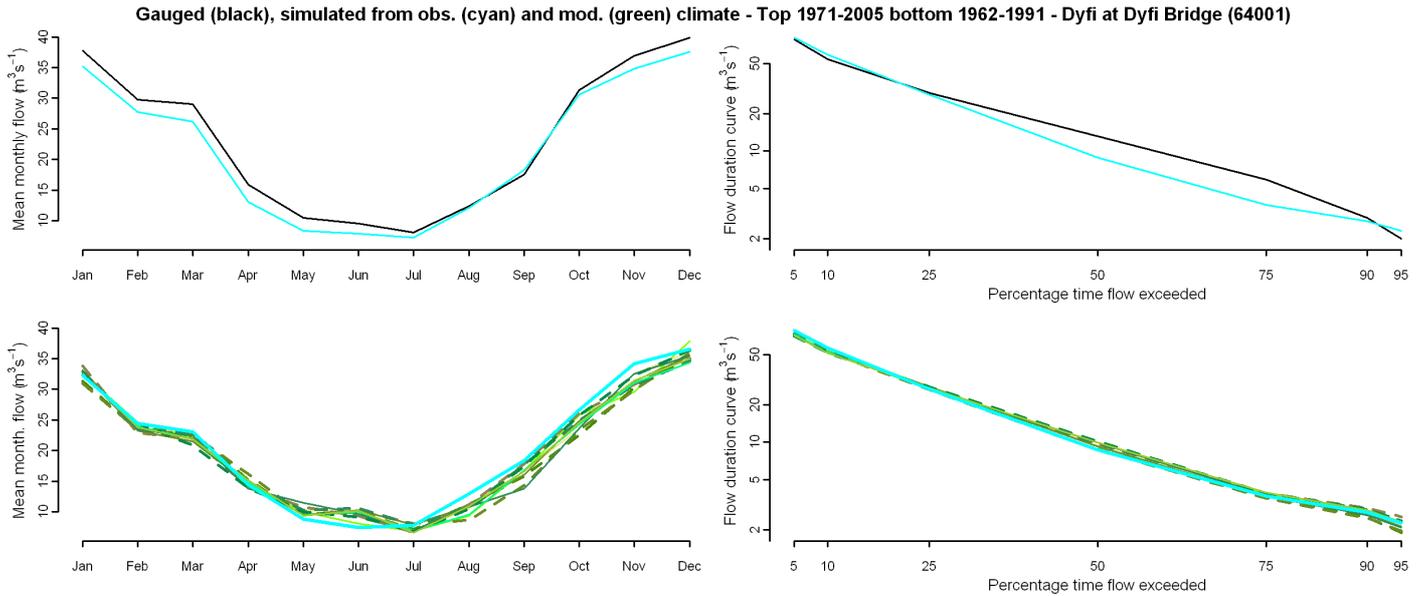
Gauged (black) and simulated (cyan) flows from observed climate - Dyfi at Dyfi Bridge (64001)



Gauged (black) and simulated (cyan) flows from observed climate - Dyfi at Dyfi Bridge (64001)



## 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
<b>Annual</b>	-2	-4	-2	0	-2	-4	-4	-1	-3	-2	-2
<b>January</b>	2	-3	5	3	4	1	0	4	1	-4	6
<b>April</b>	-4	2	0	4	0	11	-1	4	-4	-3	2
<b>July</b>	-12	0	-1	-11	-4	8	-11	1	-15	-14	-20
<b>October</b>	-2	-7	-14	1	-8	-8	-3	-5	-9	-2	-7
<b>Q90</b>	4	-10	-3	10	-7	-10	-7	5	0	3	5
<b>Q75</b>	4	-3	1	8	-2	-4	1	5	0	5	6
<b>Q50</b>	9	0	7	14	3	-2	15	12	0	16	13
<b>Q25</b>	2	-1	4	4	2	0	1	4	-1	3	2
<b>Q5</b>	-10	-6	-7	-7	-8	-5	-9	-4	-7	-10	-9
<b>RP2</b>	-6	0	-1	3	-1	-6	-4	1	-2	-1	-7
<b>RP10</b>	-8	-12	-8	0	-4	-13	-8	-6	2	-7	-8

## Climate change graphs for 2050s

