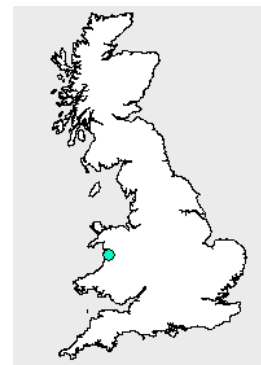


General Information

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



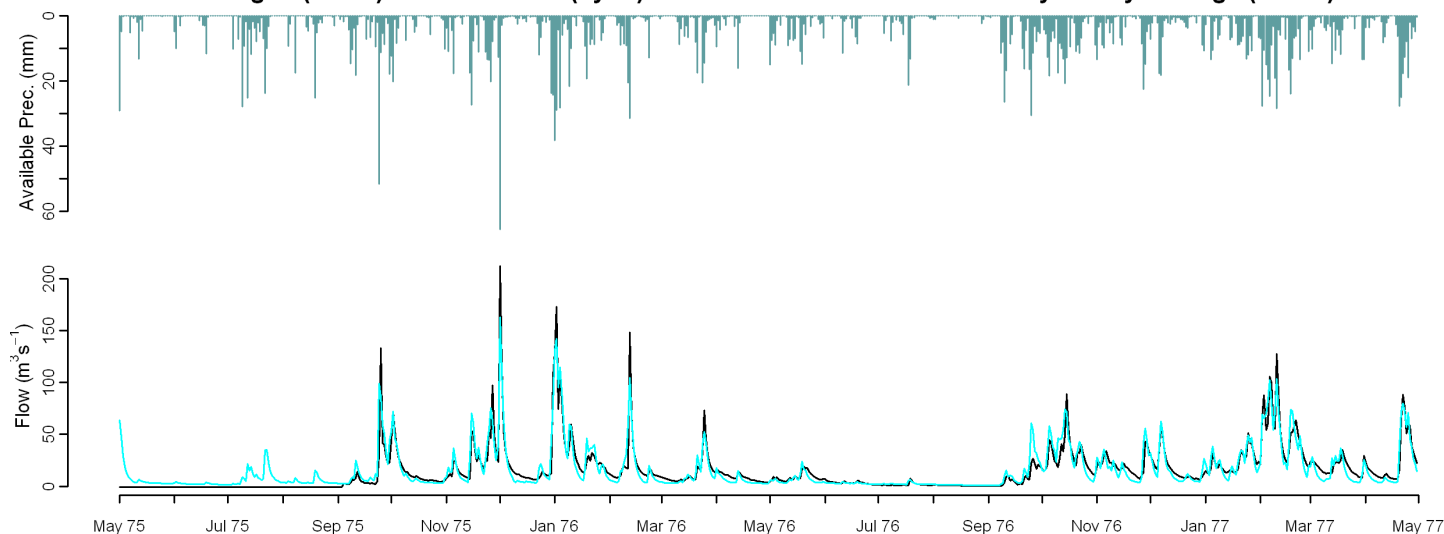
Observed Data

Comparison of gauged and simulated flow

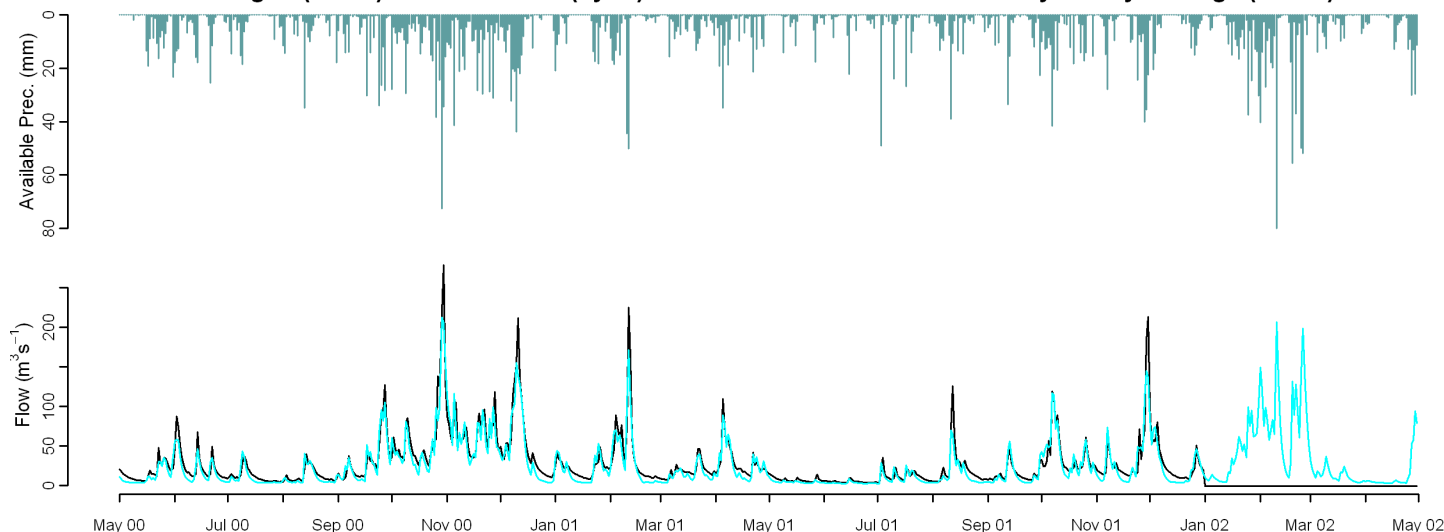
Model used: CERF

	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									
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									

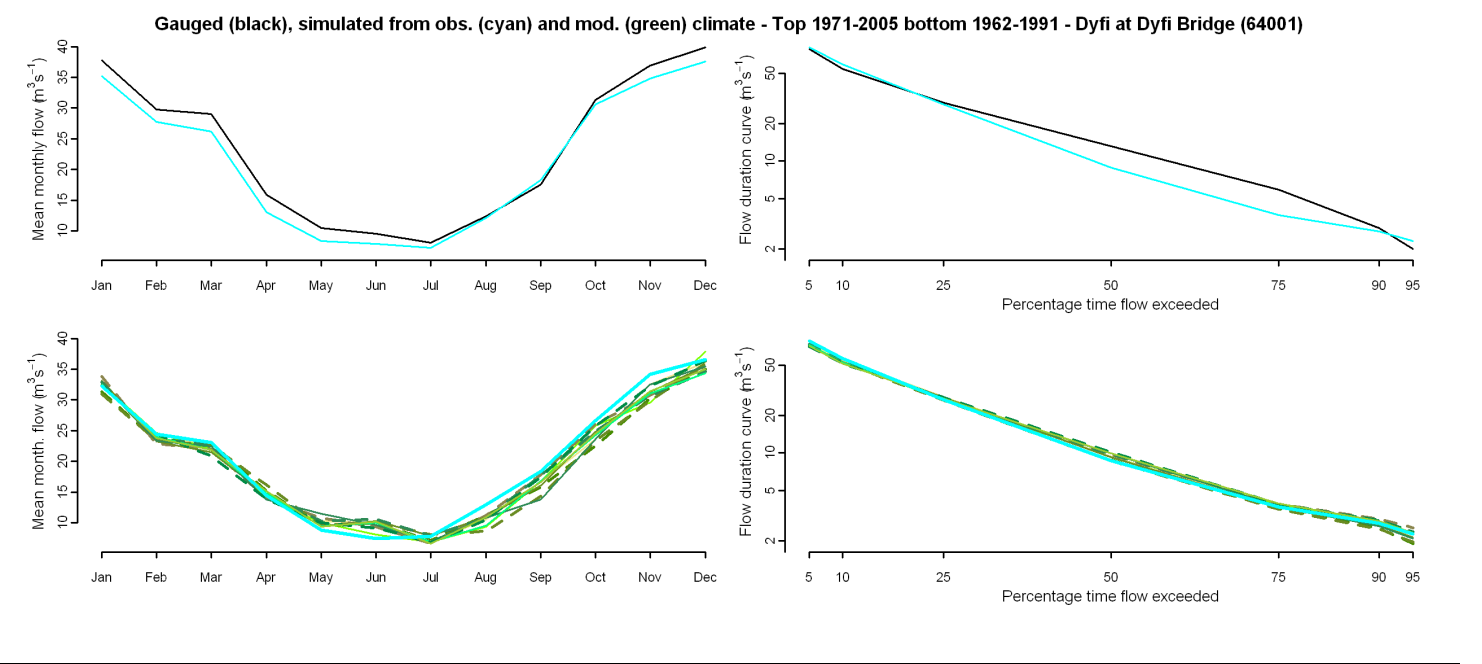
Gauged (black) and simulated (cyan) flows from observed climate - Dyfi at Dyfi Bridge (64001)



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

Climate change graphs for 2050s

