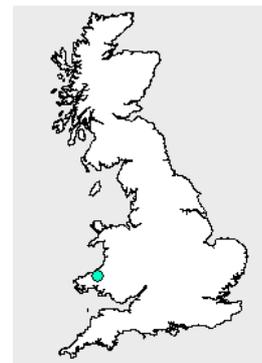


General Information

River Name	Teifi	Catchment Area (km ²)	510
Station Name	Llanfair	SAAR (mm) 61-90	1391
Station Number	62002	Mean Annual Rain (mm) 62-91	1382
Grid Reference	SN433406	Mean Annual PE (mm) 62-91	560
EA Region	EA-W	Observed flow record	1971 to 2005



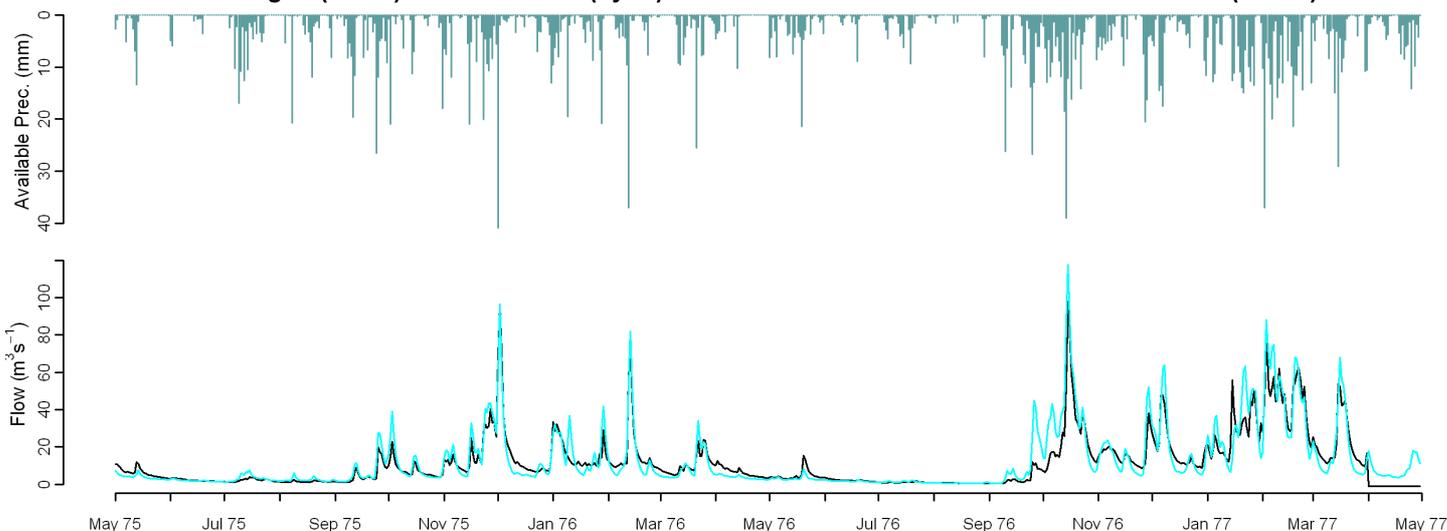
Observed Data

Comparison of gauged and simulated flow

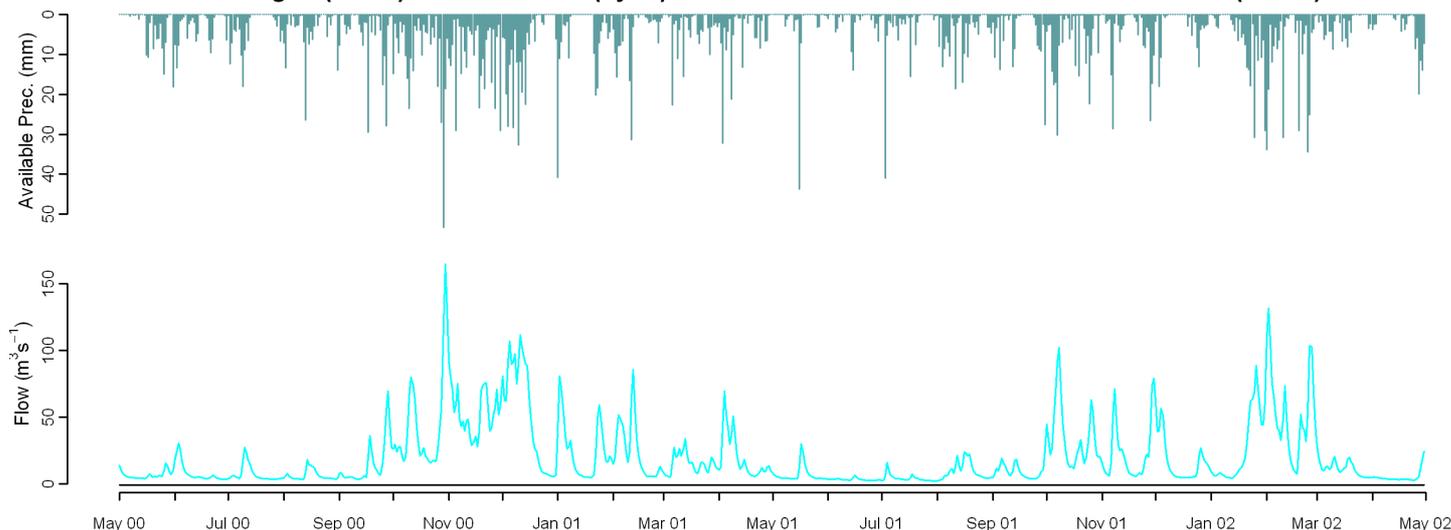
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-3.5	0.8	-6.2	-6.2	-24.8	-26.9	-23.8	-10.9	3.1	13.9	5.4	-0.1	-1.6	0.87
Performance Band	1	1	2	1	1	2	1	1	1	2	1	1	1	1
MORECS (1962-1991)	-5.2	-0.6	-5.9	-5.8	-26.4	-28.6	-23.4	-14.4	-0.3	16.0	0.3	-3.1	-5.7	0.89
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	-1.9	-16.7	-36.3	2.3	15.3									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-3.6	-20.2	-39.3	-6.0	6.8									

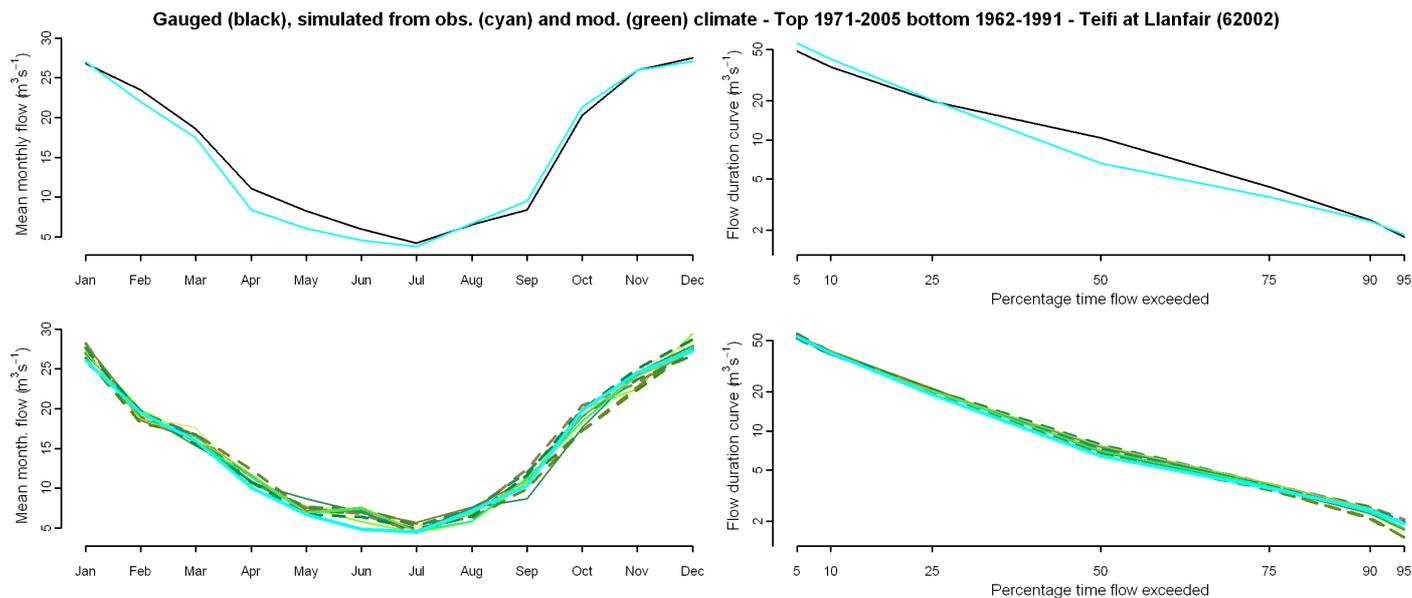
Gauged (black) and simulated (cyan) flows from observed climate - Teifi at Llanfair (62002)



Gauged (black) and simulated (cyan) flows from observed climate - Teifi at Llanfair (62002)



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	4	2	5	6	4	2	2	5	3	3	4
January	6	1	9	7	8	3	3	8	4	0	8
April	4	13	5	15	14	22	11	11	7	7	14
July	0	22	27	3	19	29	5	21	2	6	0
October	2	-5	-12	5	-6	-9	-4	-2	-6	1	-3
Q90	-4	-13	-7	8	-9	-15	-7	2	-6	2	4
Q75	3	-3	3	8	-2	-2	4	7	2	6	8
Q50	11	3	12	16	5	4	19	13	8	20	19
Q25	8	2	9	10	10	7	9	11	6	8	7
Q5	1	6	1	2	1	4	-2	4	1	-4	0
RP2	-3	1	1	5	4	-4	-4	1	1	5	3
RP10	1	-5	0	0	6	-11	-4	-4	7	0	1

Climate change graphs for 2050s

