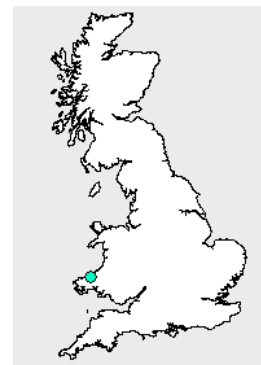


General Information

River Name	Teifi	Catchment Area (km2)	894
Station Name	Glan Teifi	SAAR (mm) 61-90	1378
Station Number	62001	Mean Annual Rain (mm) 62-91	1378
Grid Reference	SN244416	Mean Annual PE (mm) 62-91	579
EA Region	EA-W	Observed flow record	1962 to 2006



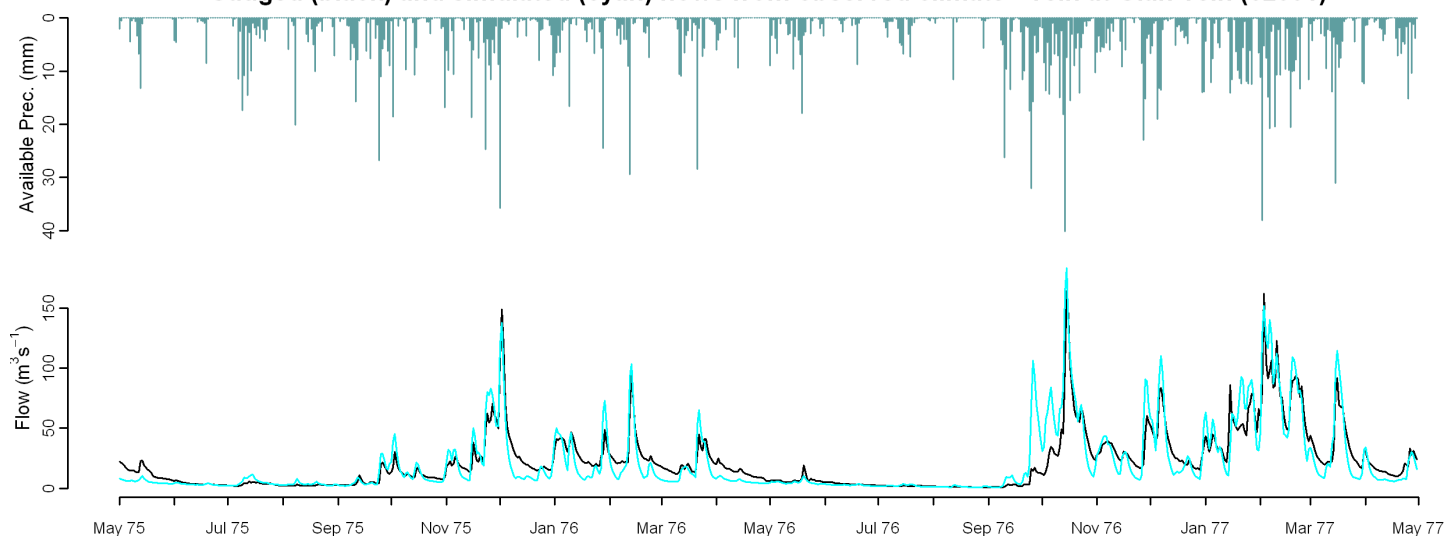
Observed Data

Comparison of gauged and simulated flow

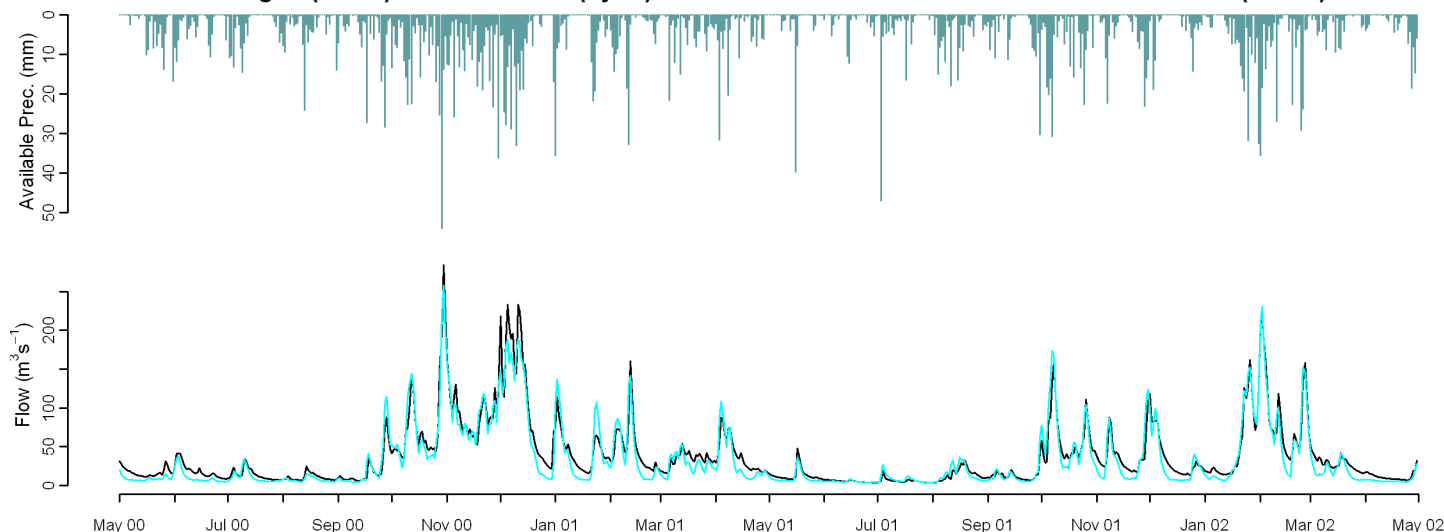
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-10.0	-7.8	-11.7	-17.1	-24.5	-33.2	-28.3	-21.5	-1.0	7.6	3.3	-5.2	-8.0	0.87
Performance Band	2	1	2	2	2	3	2	2	1	1	1	1	1	1
MORECS (1962-1991)	-11.2	-6.8	-12.5	-15.8	-26.7	-35.8	-32.2	-22.0	-7.3	5.3	0.3	-6.0	-8.0	0.84
	Q90	Q75	Q50	Q25	Q5									
MORECS (1971-2005)	-13.2	-31.2	-44.4	-11.6	9.5									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-11.9	-33.5	-46.3	-13.6	10.1									

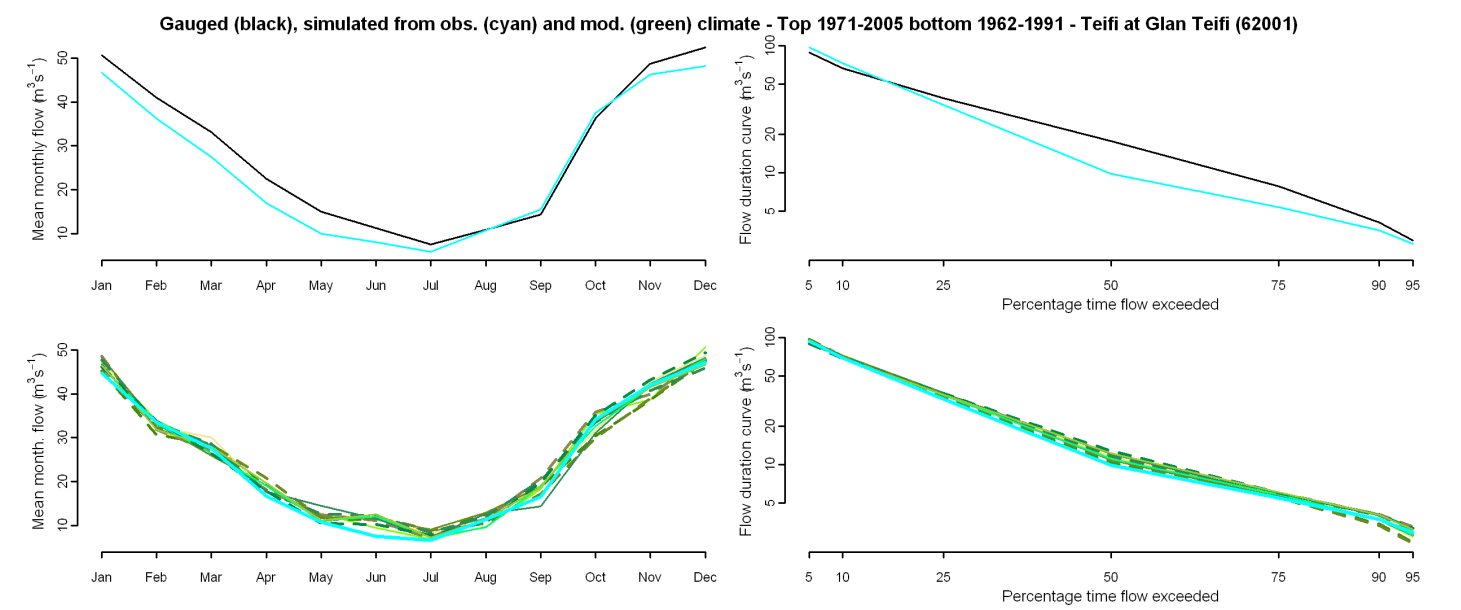
Gauged (black) and simulated (cyan) flows from observed climate - Teifi at Glan Teifi (62001)



Gauged (black) and simulated (cyan) flows from observed climate - Teifi at Glan Teifi (62001)



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	5	3	6	7	5	3	3	6	4	4	5
January	8	2	9	7	9	4	4	9	5	0	8
April	6	13	5	17	14	24	12	10	8	7	15
July	5	33	38	10	27	41	13	29	8	14	7
October	4	-3	-10	7	-5	-8	-2	0	-3	3	-1
Q90	0	-9	-3	11	-4	-12	-3	7	-2	4	8
Q75	6	-1	6	10	1	0	6	9	5	8	10
Q50	16	5	15	21	7	7	25	18	11	26	24
Q25	11	5	11	12	10	8	12	13	8	11	9
Q5	-1	4	0	1	1	2	-3	2	0	-5	-1
RP2	-3	2	1	6	5	-3	-4	4	1	2	3
RP10	-4	-7	-4	1	5	-13	-7	-6	6	-4	-1

Climate change graphs for 2050s

