

## General Information

River Name	Dewi Fawr	Catchment Area (km2)	37
Station Name	Glasfryn Ford	SAAR (mm) 61-90	1485
Station Number	60004	Mean Annual Rain (mm) 62-91	1487
Grid Reference	SN290175	Mean Annual PE (mm) 62-91	612
EA Region	EA-W	Observed flow record	1969 to 2005



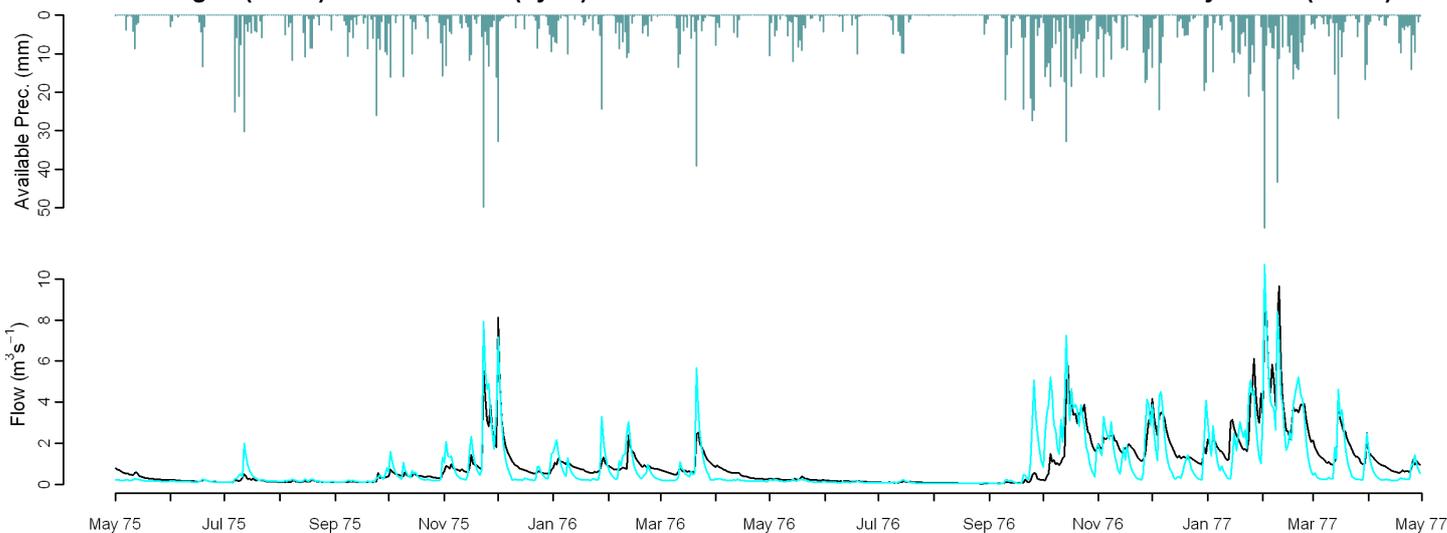
## Observed Data

## Comparison of gauged and simulated flow

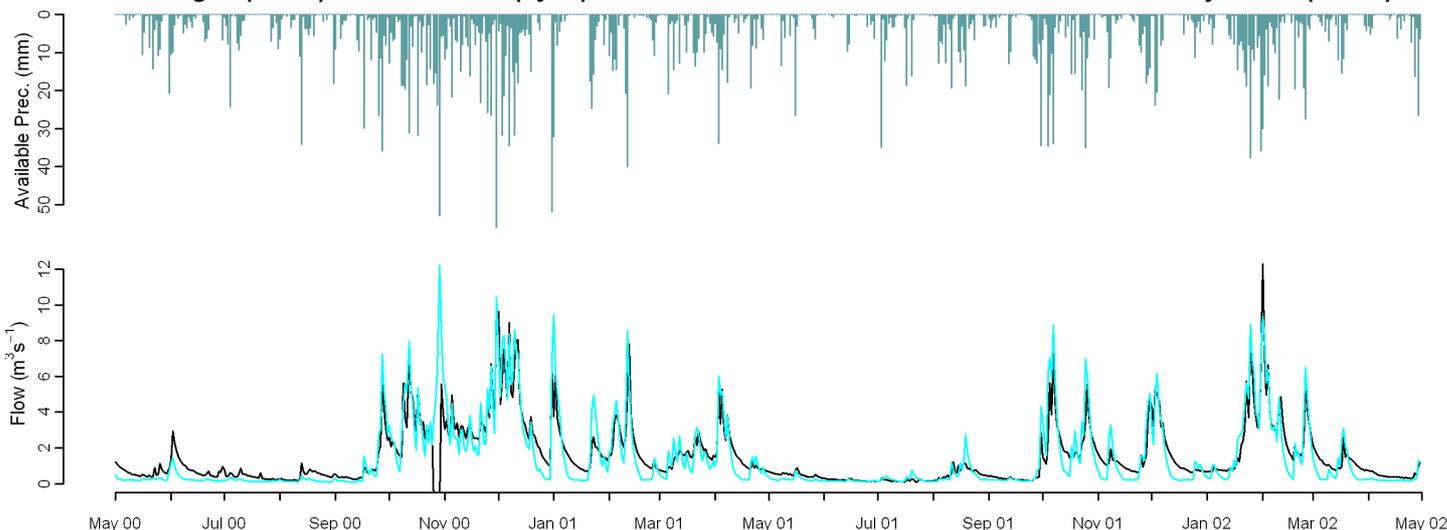
## Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-10.4	-9.2	-9.0	-20.3	-26.2	-33.5	-28.4	-23.9	4.5	10.8	4.1	-6.6	-10.3	0.73
Performance Band	1	1	2	2	2	3	2	2	2	2	1	1	1	1
MORECS (1962-1991)	-11.7	-9.7	-9.0	-17.5	-36.0	-36.0	-25.1	-18.2	3.1	20.5	0.1	-7.3	-10.8	0.72
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-24.2	-44.7	-59.1	-10.5	15.1									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-19.7	-36.8	-57.6	-11.3	18.2									

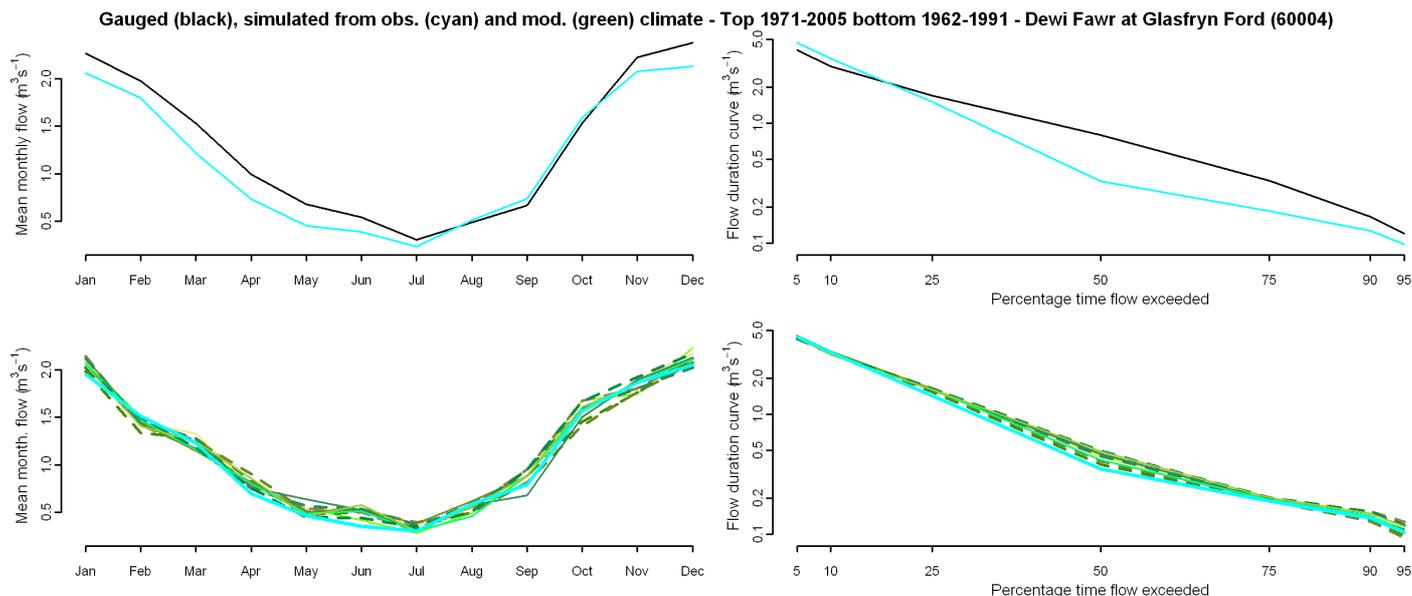
Gauged (black) and simulated (cyan) flows from observed climate - Dewi Fawr at Glasfryn Ford (60004)



Gauged (black) and simulated (cyan) flows from observed climate - Dewi Fawr at Glasfryn Ford (60004)



## 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>	6	4	6	7	5	4	4	6	3	4	5
<b>January</b>	9	2	11	8	9	7	6	10	7	2	8
<b>April</b>	12	17	9	22	17	29	15	12	10	9	19
<b>July</b>	-9	22	31	2	16	34	6	23	-2	4	-2
<b>October</b>	7	1	-6	10	-1	-4	3	3	3	8	3
<b>Q90</b>	4	-4	4	15	1	-8	-1	11	2	9	10
<b>Q75</b>	4	1	4	6	1	0	3	5	3	6	6
<b>Q50</b>	29	9	22	33	15	13	36	29	18	38	37
<b>Q25</b>	16	10	16	17	11	13	13	17	13	14	13
<b>Q5</b>	-1	2	-1	0	2	1	-2	1	-3	-4	-2
<b>RP2</b>	-10	-5	-9	-2	-4	-7	-7	-7	-7	-10	-5
<b>RP10</b>	-11	-5	-8	-1	2	-9	-10	-12	2	-7	-7

## Climate change graphs for 2050s

