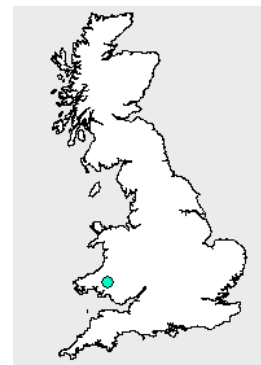


General Information

River Name	Sawdde	Catchment Area (km2)	78
Station Name	Felin-y-cwm	SAAR (mm) 61-90	1804
Station Number	60009	Mean Annual Rain (mm) 62-91	1805
Grid Reference	SN712266	Mean Annual PE (mm) 62-91	572
EA Region	EA-W	Observed flow record	1970 to 2005



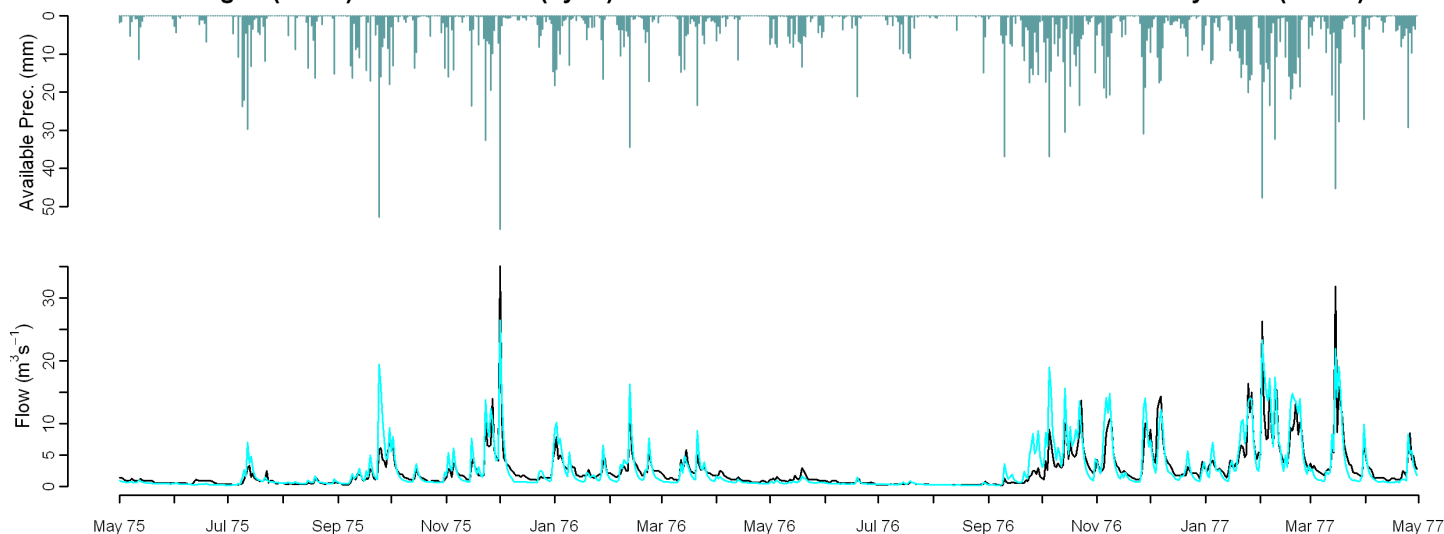
Observed Data

Comparison of gauged and simulated flow

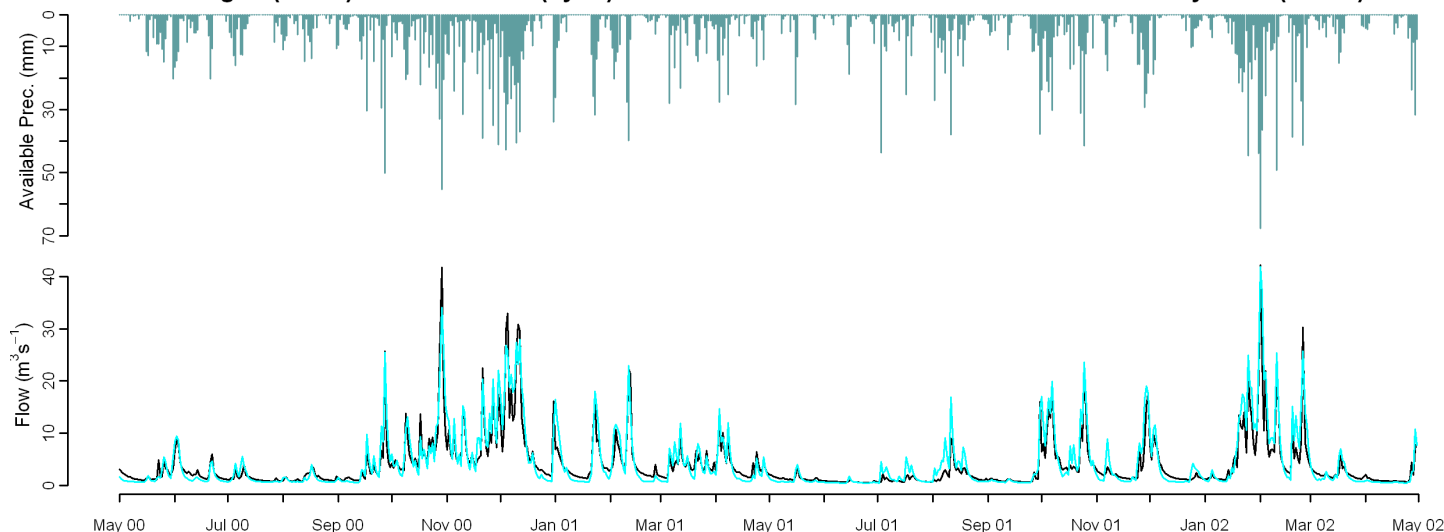
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	7.6	7.9	7.3	2.4	-7.1	-13.7	-6.3	8.2	15.0	26.0	16.5	12.1	10.4	0.75
Performance Band	1	1	1	2	2	2	1	1	2	3	1	2	2	1
MORECS (1962-1991)	3.6	5.3	3.1	1.7	-9.4	-13.4	-4.5	10.9	10.2	25.9	11.2	6.7	4.7	0.75
	Q90	Q75	Q50	Q25	Q5									
MORECS (1971-2005)	-4.6	-23.2	-26.8	15.3	29.6									
Performance Band	1	1	3	3	2									
MORECS (1962-1991)	-5.2	-23.3	-26.6	12.8	25.8									

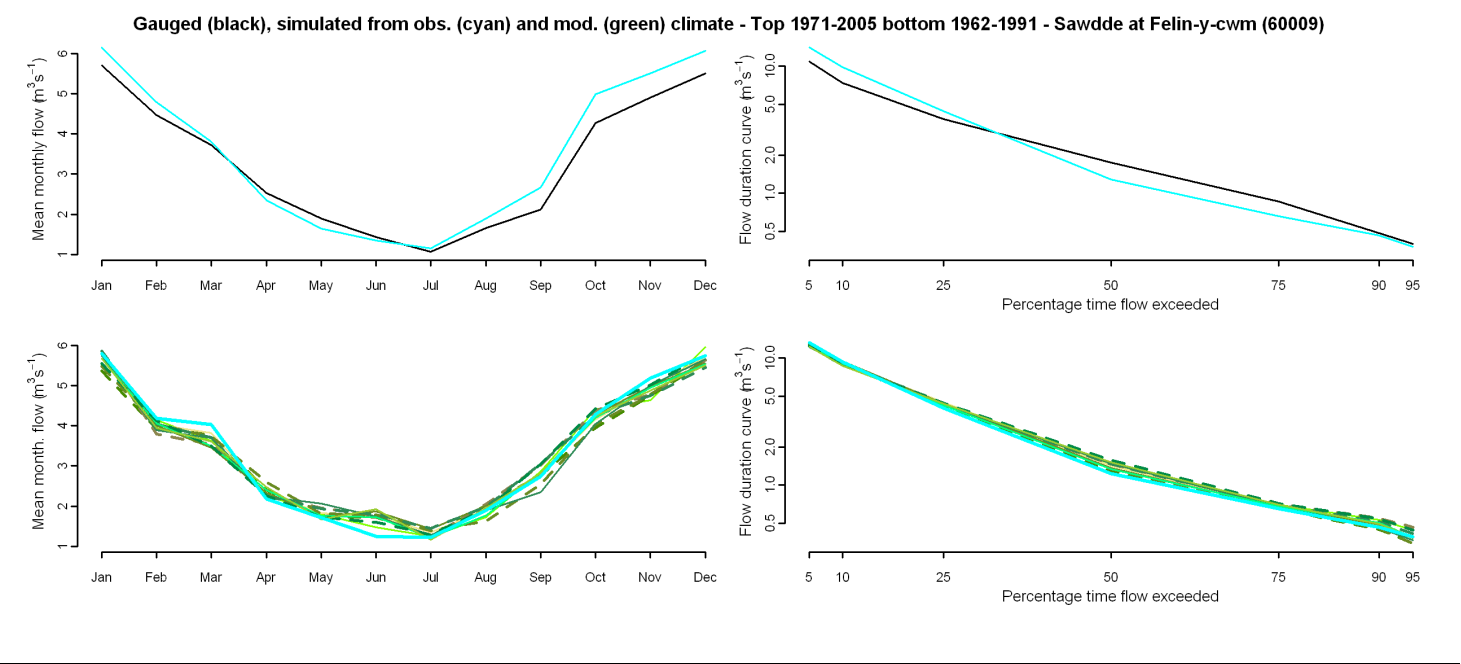
Gauged (black) and simulated (cyan) flows from observed climate - Sawdde at Felin-y-cwm (60009)



Gauged (black) and simulated (cyan) flows from observed climate - Sawdde at Felin-y-cwm (60009)



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	1	-1	1	2	0	0	-1	2	-1	0	1
January	0	-7	2	-1	0	-2	-2	2	-3	-7	2
April	3	7	5	11	6	18	7	6	5	3	11
July	2	10	21	7	9	19	5	22	0	-1	-5
October	3	1	-6	4	-3	-1	2	-1	1	5	-1
Q90	13	-5	2	19	1	-4	-3	10	6	13	7
Q75	7	-1	4	10	1	-1	3	6	3	8	7
Q50	19	4	15	22	7	8	21	19	8	25	21
Q25	8	4	10	9	6	8	9	11	5	8	8
Q5	-5	-2	-5	-5	-3	-3	-7	0	-5	-7	-6
RP2	-15	-10	-7	-4	-9	-11	-11	-11	-5	-11	-6
RP10	-18	-11	-9	-7	-8	-15	-12	-16	0	-10	-8

Climate change graphs for 2050s

