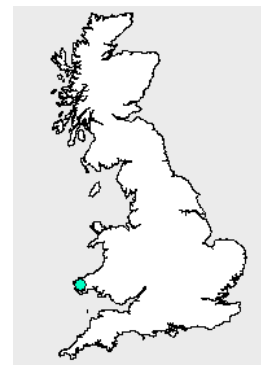


General Information

River Name	Western Cleddau	Catchment Area (km2)	198
Station Name	Prendergast Mill	SAAR (mm) 61-90	1275
Station Number	61001	Mean Annual Rain (mm) 62-91	1274
Grid Reference	SM954177	Mean Annual PE (mm) 62-91	616
EA Region	EA-W	Observed flow record	1965 to 2005



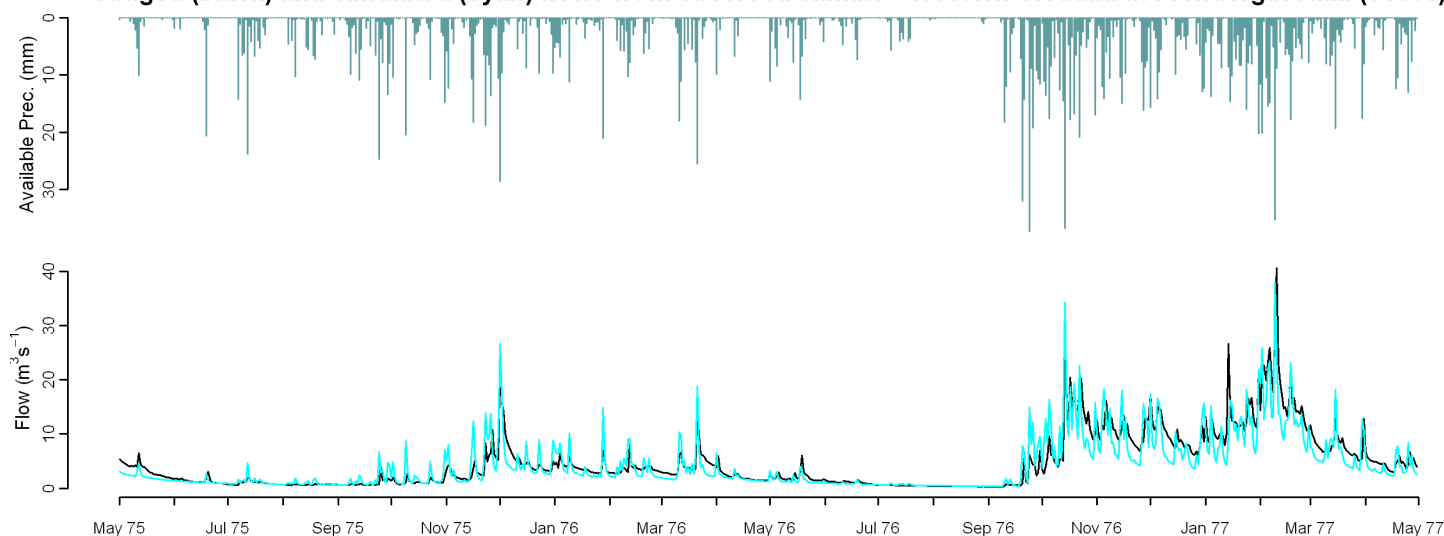
Observed Data

Comparison of gauged and simulated flow

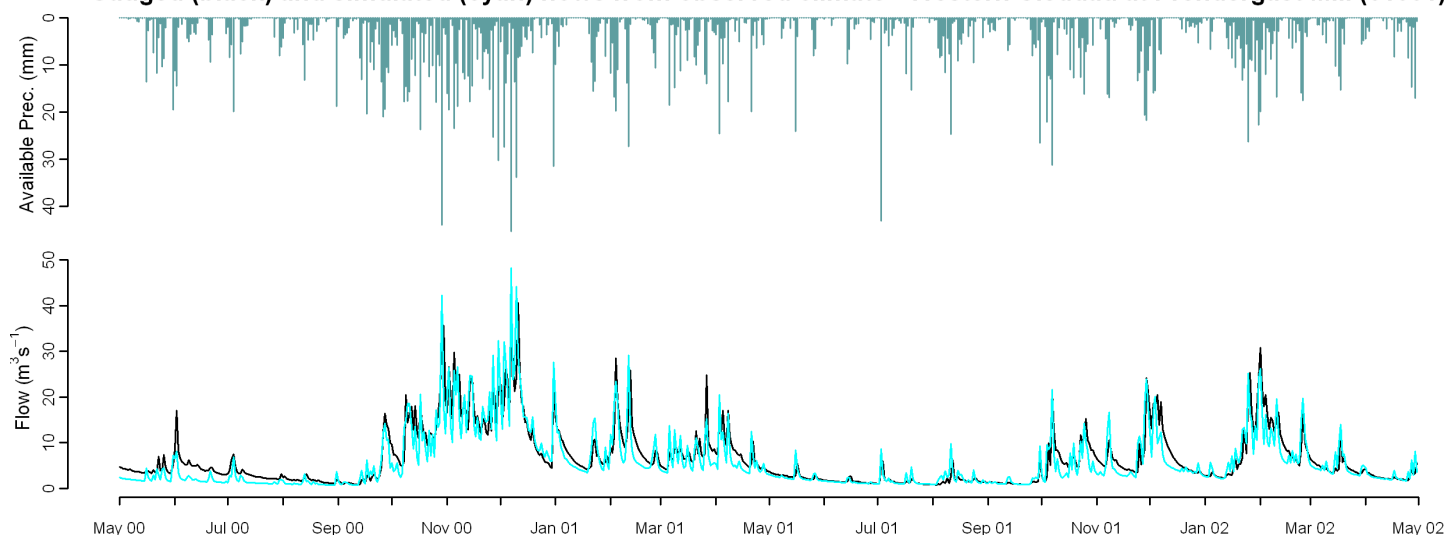
Model used: PDM

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-7.2	-9.2	-7.7	-11.5	-12.6	-16.1	-15.8	0.1	10.2	16.7	-3.6	-8.4	-8.1	0.73
Performance Band	1	1	1	2	2	2	2	1	2	2	1	1	1	1
FAO (1962-1991)	-2.1	-5.9	-8.0	-10.3	-8.7	-16.4	-12.8	9.4	16.4	35.0	9.2	0.5	-2.0	0.70
	Q90	Q75	Q50	Q25	Q5			RP2	RP5	RP10	RP20			
MORECS (1971-2005)	-2.8	-8.7	-14.1	-12.2	-0.7			-3.7	-6.3	-8.5	-10.8			
Performance Band	1	1	1	1	1									
FAO (1962-1991)	8.1	-0.6	-12.2	-9.9	5.2			2.2	-1.6	-4.9	-8.3			

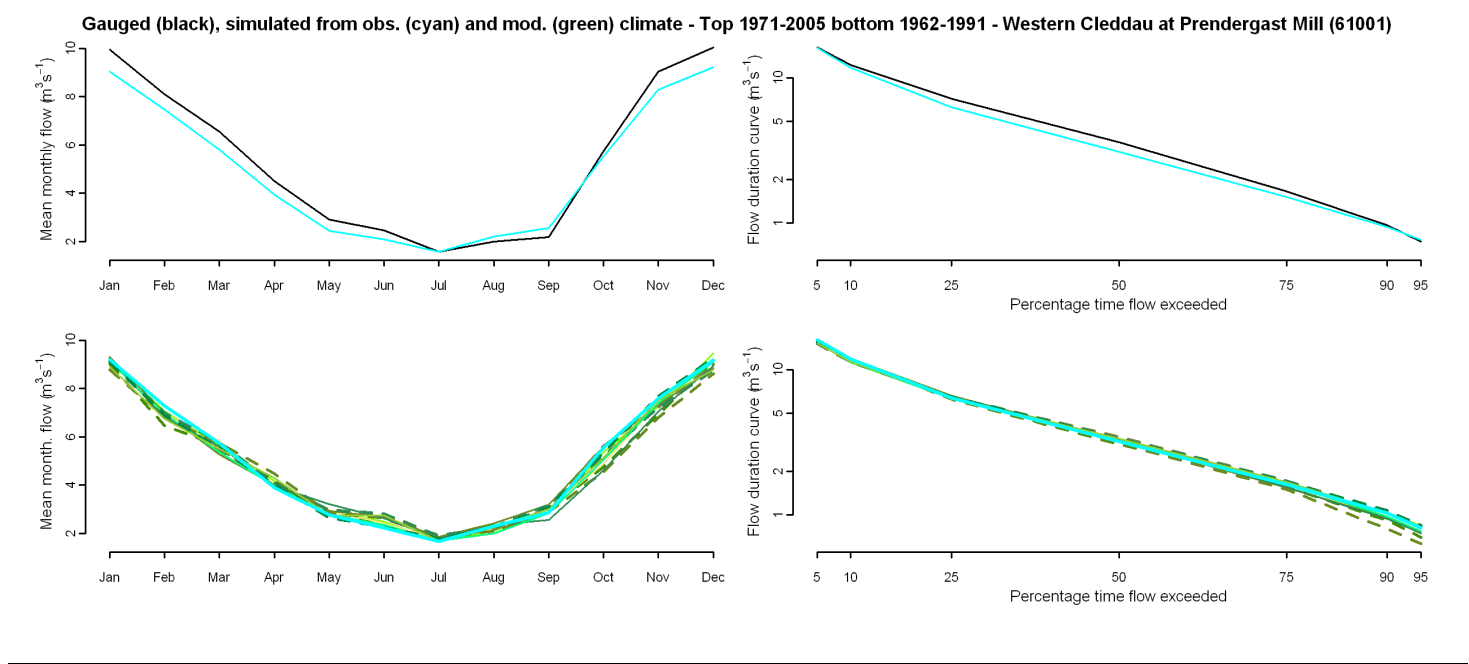
Gauged (black) and simulated (cyan) flows from observed climate - Western Cleddau at Prendergast Mill (61001)



Gauged (black) and simulated (cyan) flows from observed climate - Western Cleddau at Prendergast Mill (61001)



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	0	-3	-1	2	-1	-4	-2	1	-3	-2	-2
January	1	-1	3	3	5	-2	2	2	1	-1	-1
April	7	4	3	8	3	12	3	4	1	2	9
July	0	7	4	7	5	4	5	10	1	3	-2
October	-4	-14	-15	4	-6	-17	-16	-7	-11	-5	-2
Q90	1	-12	-7	2	-9	-23	-8	0	-5	2	0
Q75	2	-4	-2	6	-7	-11	-4	5	0	3	3
Q50	4	-4	1	9	-1	-4	4	5	-1	4	3
Q25	3	-2	2	4	1	-1	0	2	-2	1	-1
Q5	-5	-3	-3	-3	0	-3	-4	-2	-4	-5	-4
RP2	-5	-10	-7	1	-6	-13	-7	-5	-3	-4	-7
RP10	-8	-11	-9	6	-3	-2	-2	-7	4	-1	-1

Climate change graphs for 2050s

