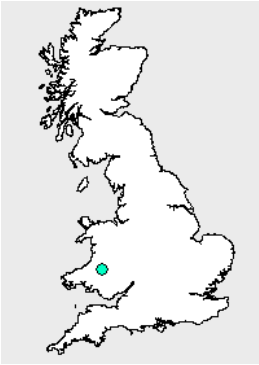


General Information

River Name	Irfon	Catchment Area (km2)	73
Station Name	Abernant	SAAR (mm) 61-90	1842
Station Number	55004	Mean Annual Rain (mm) 62-91	1847
Grid Reference	SN892460	Mean Annual PE (mm) 62-91	527
EA Region	EA-W	Observed flow record	1962 to 1982



Observed Data

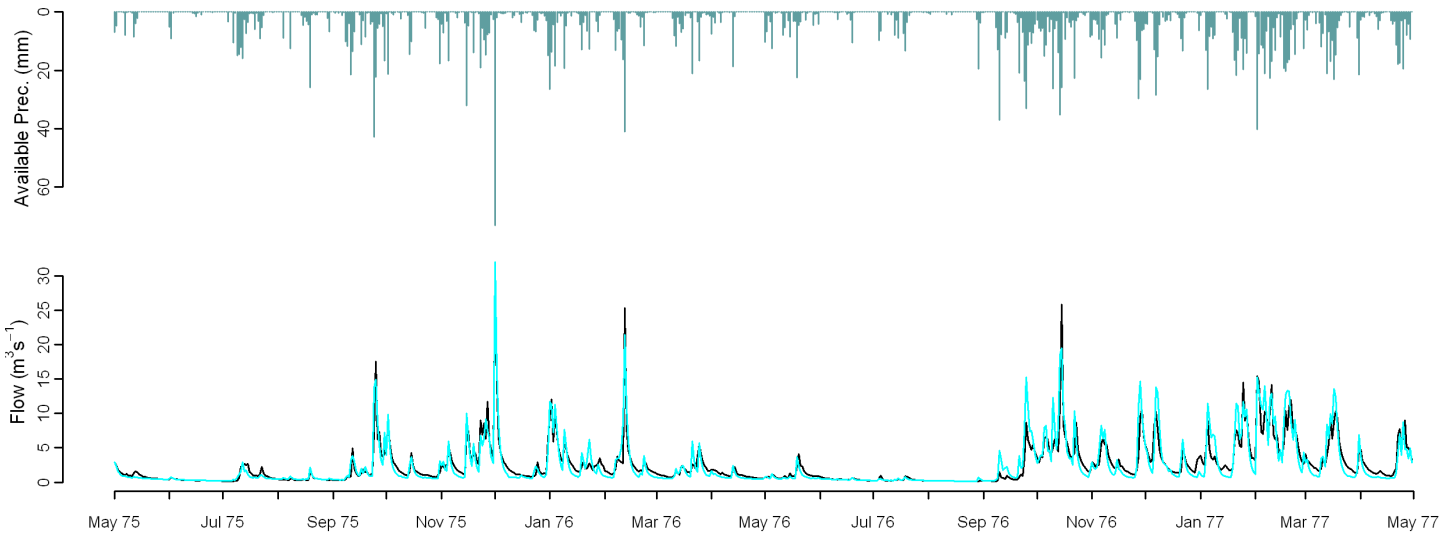
Comparison of gauged and simulated flow

Model used: CERF

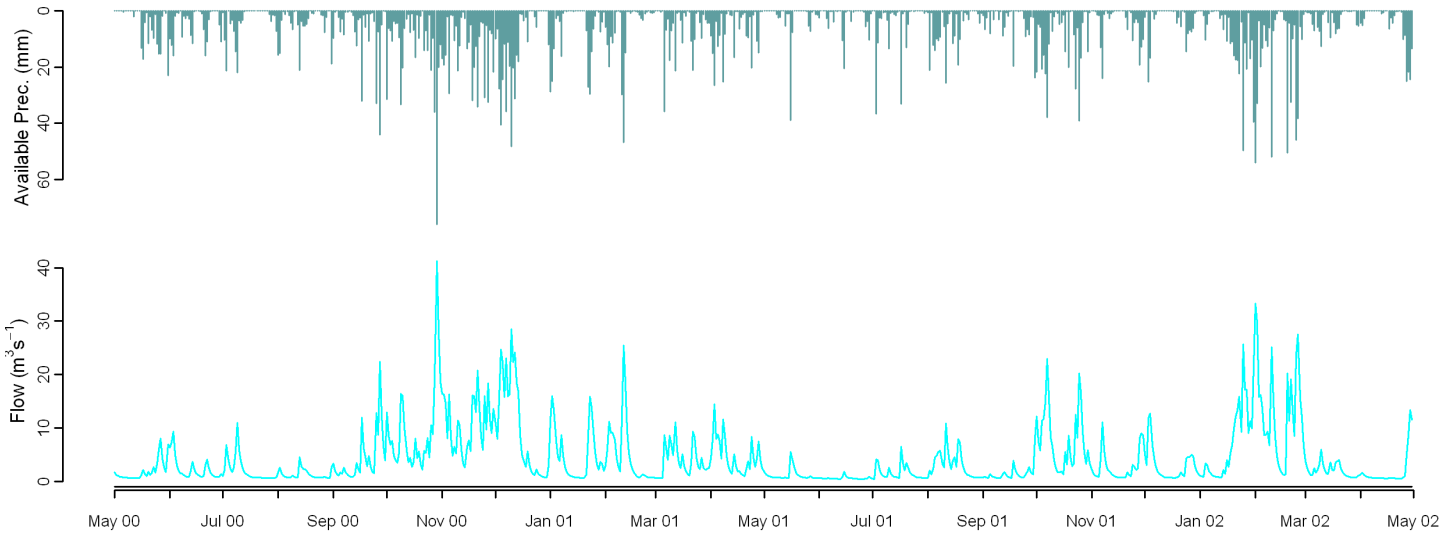
	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-8.0	-0.2	-3.9	-7.5	-16.5	-24.1	-19.1	-23.5	-14.8	-0.8	-6.6	-7.1	-7.5	0.81
Performance Band	1	1	1	1	2	2	2	2	1	1	1	1	1	1
MORECS (1962-1991)	-5.7	-0.1	-4.3	-7.3	-13.1	-20.4	-17.5	-18.2	-6.9	3.5	-5.6	-3.4	-6.7	0.79

	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20
MORECS (1971-2005)	6.3	-25.0	-37.0	-10.6	10.5				
Performance Band	1	1	1	1	1				
MORECS (1962-1991)	-4.3	-31.2	-37.5	-8.0	10.3				

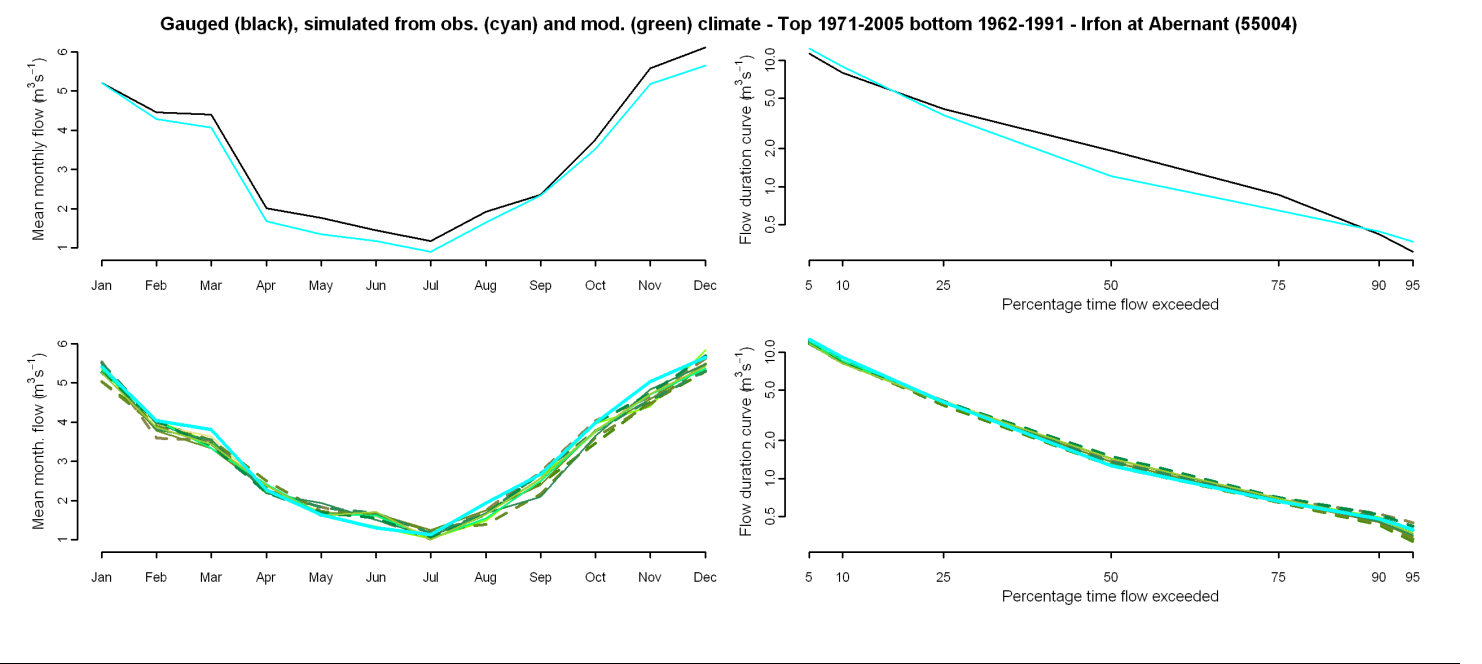
Gauged (black) and simulated (cyan) flows from observed climate - Irfon at Abernant (55004)



Gauged (black) and simulated (cyan) flows from observed climate - Irfon at Abernant (55004)



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	-2	-4	-1	0	-2	-4	-3	-1	-3	-2	-2
January	0	-7	5	1	1	-3	-1	4	-2	-6	1
April	-3	0	-1	5	-1	9	0	3	2	-3	4
July	-10	0	7	-7	2	12	-3	2	-8	-11	-13
October	0	-5	-9	3	-6	-6	-1	-4	-3	1	-5
Q90	2	-11	-4	11	-9	-9	-8	3	-1	6	0
Q75	4	-2	3	6	-1	-2	3	3	0	6	5
Q50	10	1	10	12	6	2	15	8	2	18	14
Q25	-1	-5	2	4	-1	-3	0	1	-2	1	1
Q5	-6	-5	-5	-6	-7	-5	-9	-3	-6	-9	-7
RP2	-8	-4	-5	0	-2	-5	-4	-6	-5	1	-4
RP10	-1	-3	-1	2	1	-7	-2	-1	9	1	3

Climate change graphs for 2050s

