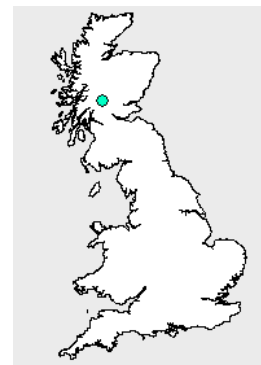


General Information

River Name	Dochart	Catchment Area (km2)	239
Station Name	Killin	SAAR (mm) 61-90	2520
Station Number	15024	Mean Annual Rain (mm) 62-91	2538
Grid Reference	NN564320	Mean Annual PE (mm) 62-91	436
EA Region	SEPA-NE	Observed flow record	1982 to 2005



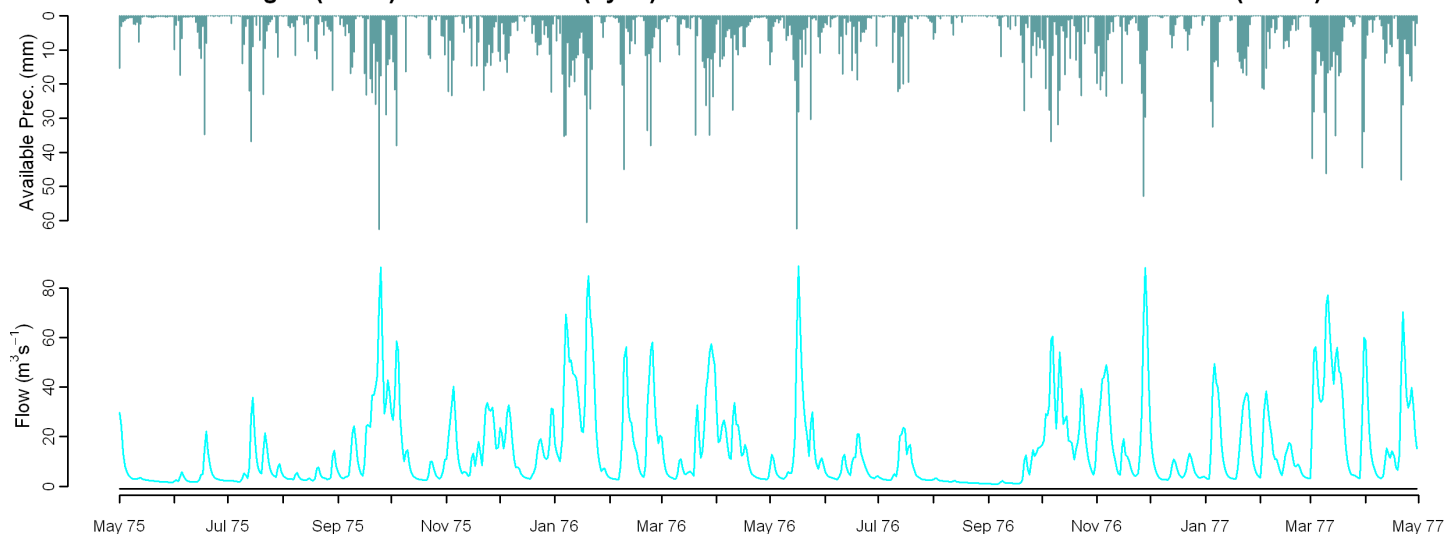
Observed Data

Comparison of gauged and simulated flow

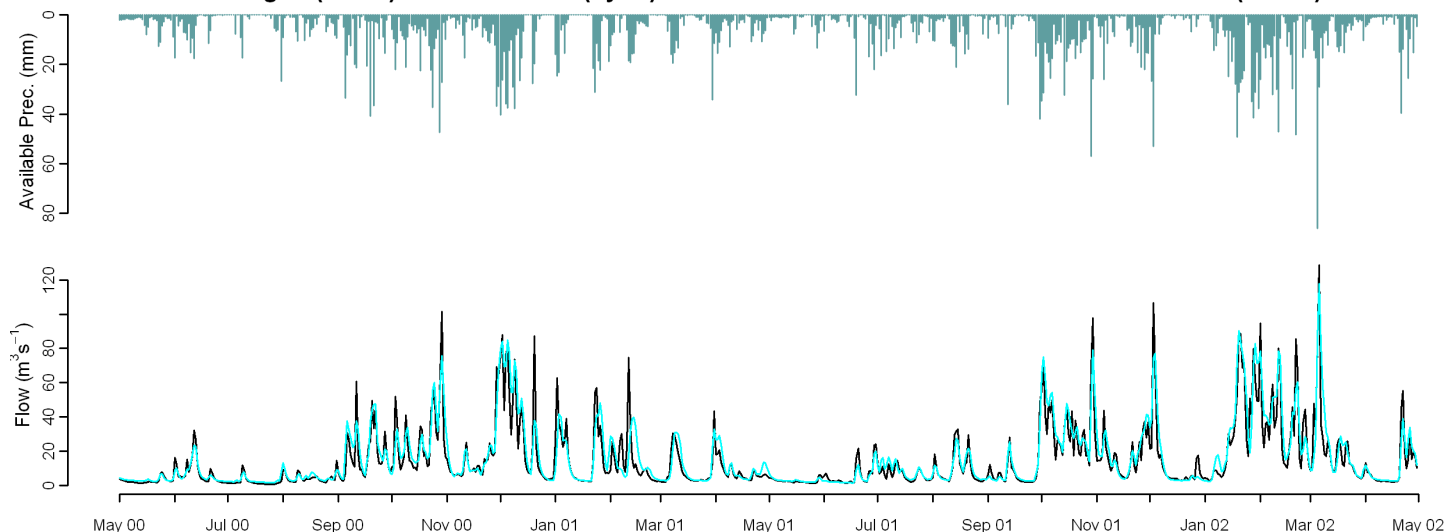
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	14.4	18.1	14.7	15.6	17.1	15.1	4.5	5.0	9.7	12.1	14.6	15.0	12.2	0.73
Performance Band	2	2	2	2	2	1	2	1	2	2	2	2	2	1
MORECS (1962-1991)	16.6	20.9	16.6	19.8	18.2	17.8	10.9	11.2	12.0	11.8	14.1	17.1	10.5	0.73
	Q90	Q75	Q50	Q25	Q5									
MORECS (1971-2005)	35.2	2.5	13.6	28.0	12.7									
Performance Band	1	1	2	1	1									
MORECS (1962-1991)	35.3	1.9	12.0	30.0	13.0									

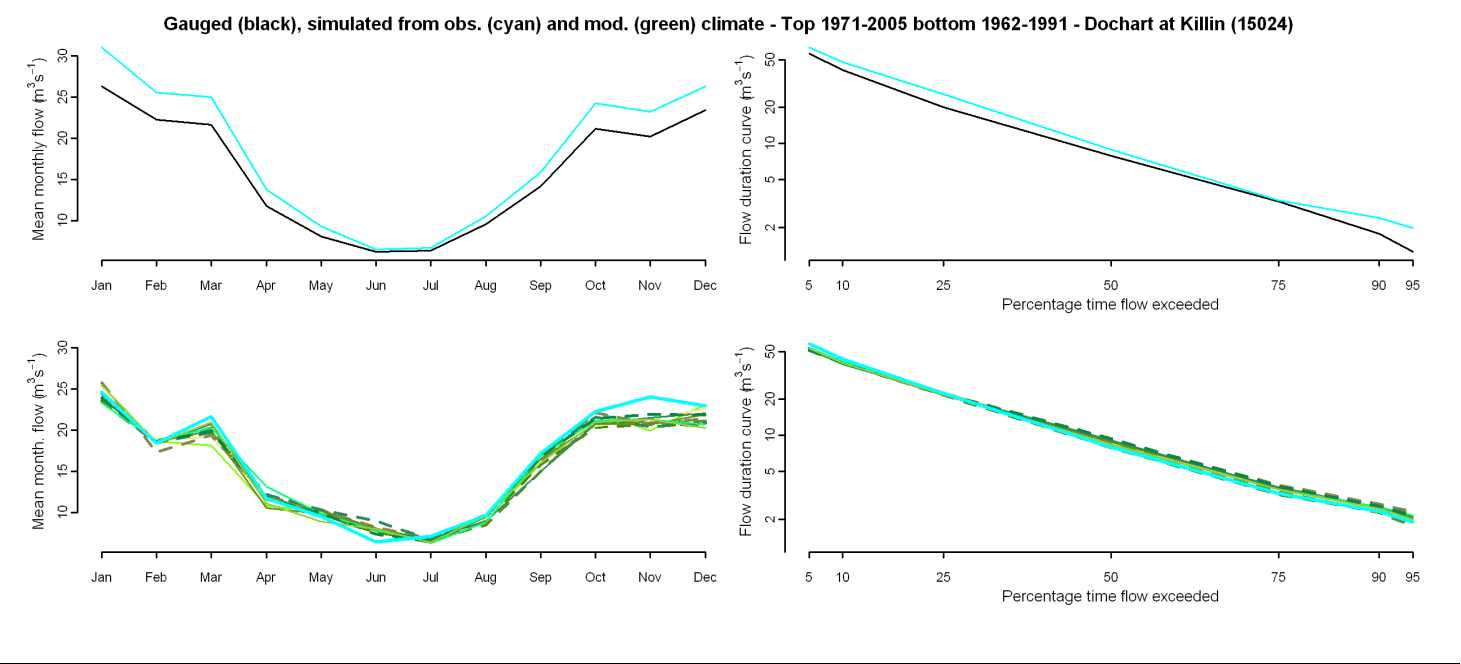
Gauged (black) and simulated (cyan) flows from observed climate - Dochart at Killin (15024)



Gauged (black) and simulated (cyan) flows from observed climate - Dochart at Killin (15024)



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	-3	-4	-2	1	-4	-4	-3	-1	-3	-3	-3
January	4	0	3	3	-3	-1	-5	-1	-8	-4	9
April	-7	2	-1	7	-7	0	0	4	13	1	-7
July	-4	-5	-6	3	-8	-7	4	-4	-11	-10	-11
October	1	-4	-9	2	-6	-4	-2	-4	-3	-3	-2
Q90	8	-1	4	16	6	-2	5	10	9	10	5
Q75	11	-1	6	19	9	3	10	14	8	15	8
Q50	14	0	9	17	9	6	13	15	5	17	6
Q25	1	-3	2	1	-4	-4	0	0	-1	-1	-2
Q5	-12	-8	-9	-11	-11	-9	-10	-10	-8	-12	-8
RP2	-5	-1	-9	0	-5	-4	-3	-1	-4	-6	1
RP10	2	4	-8	5	0	-1	-3	8	0	2	9

Climate change graphs for 2050s

