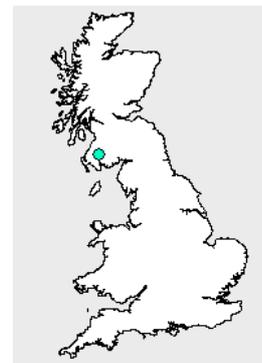


General Information

River Name	Dargall Lane	Catchment Area (km ²)	2
Station Name	Loch Dee	SAAR (mm) 61-90	2425
Station Number	80005	Mean Annual Rain (mm) 62-91	2538
Grid Reference	NX451787	Mean Annual PE (mm) 62-91	492
EA Region	SEPA-SW	Observed flow record	1983 to 2005



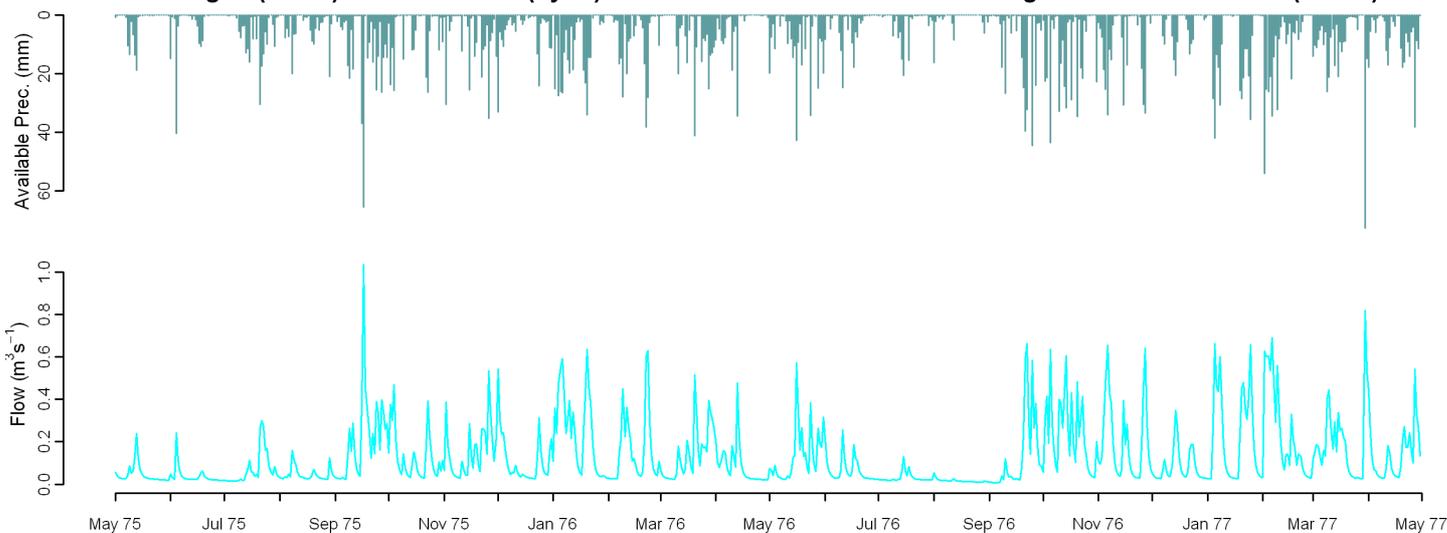
Observed Data

Comparison of gauged and simulated flow

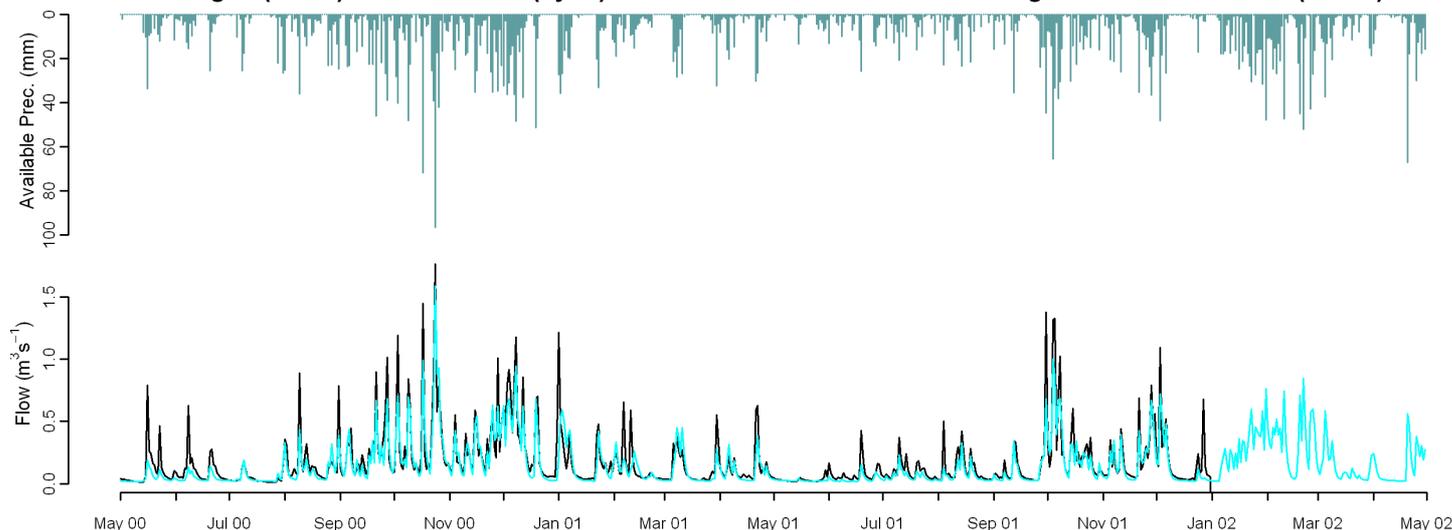
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-11.4	-12.9	-5.3	5.1	-13.6	-18.0	-25.0	-23.2	-21.7	-17.1	-9.7	-8.9	-7.4	0.66
Performance Band	1	2	1	2	1	2	2	2	2	2	2	1	1	1
MORECS (1962-1991)	-8.2	-22.6	2.3	17.6	-15.9	-11.4	-21.3	-14.1	-23.0	-17.7	-7.5	-3.6	3.5	0.52
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	2.2	-28.2	-25.9	4.1	-13.0									
Performance Band	1	1	1	1	2									
MORECS (1962-1991)	18.2	-23.7	-25.2	9.3	-8.4									

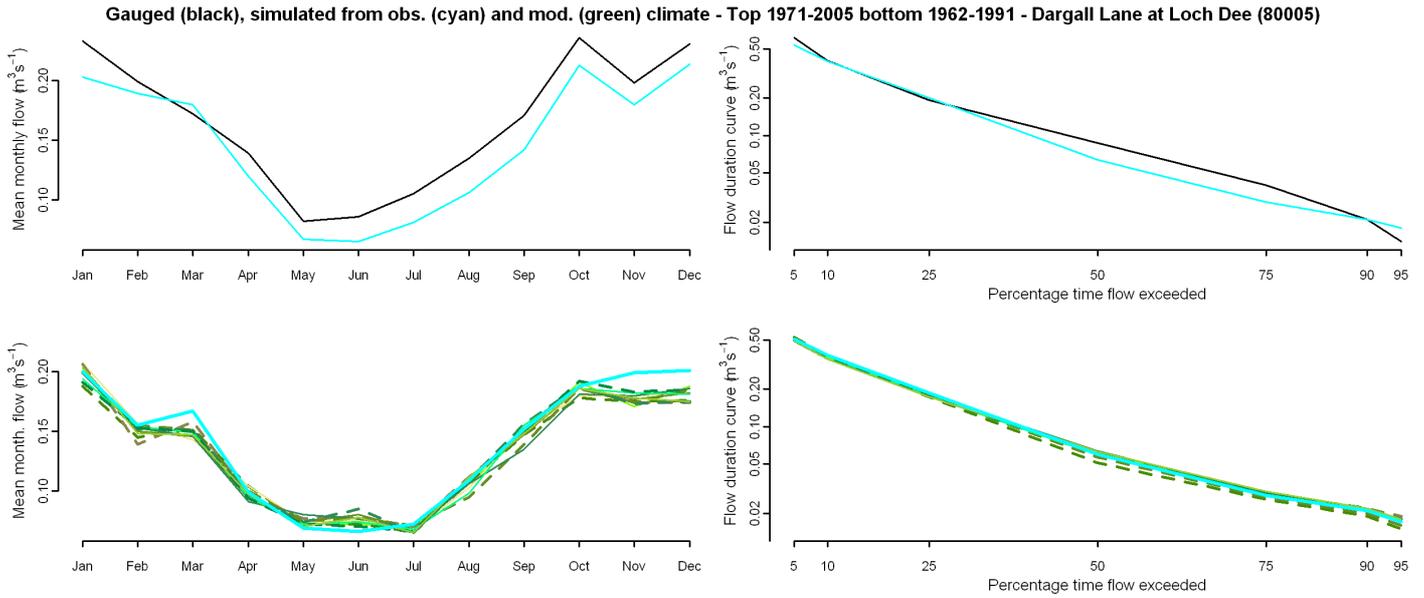
Gauged (black) and simulated (cyan) flows from observed climate - Dargall Lane at Loch Dee (80005)



Gauged (black) and simulated (cyan) flows from observed climate - Dargall Lane at Loch Dee (80005)



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

Climate change graphs for 2050s

