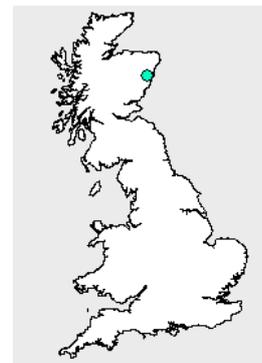


General Information

River Name	Dee	Catchment Area (km ²)	1844
Station Name	Park	SAAR (mm) 61-90	1081
Station Number	12002	Mean Annual Rain (mm) 62-91	1118
Grid Reference	NO798983	Mean Annual PE (mm) 62-91	473
EA Region	SEPA-NE	Observed flow record	1972 to 2005



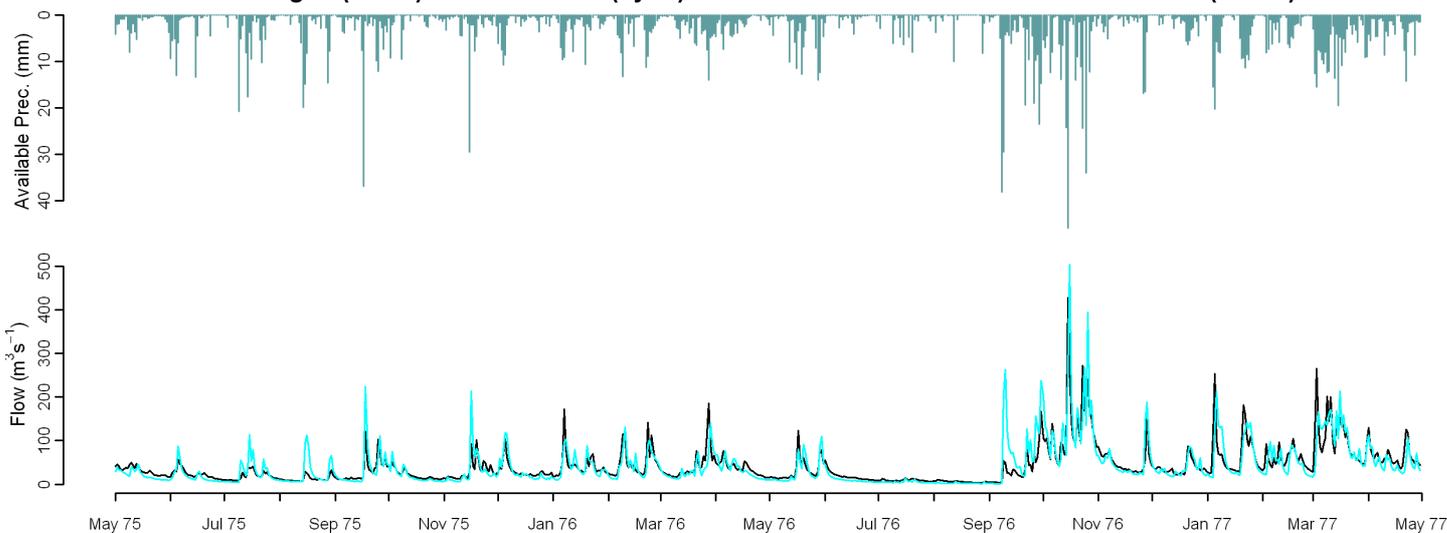
Observed Data

Comparison of gauged and simulated flow

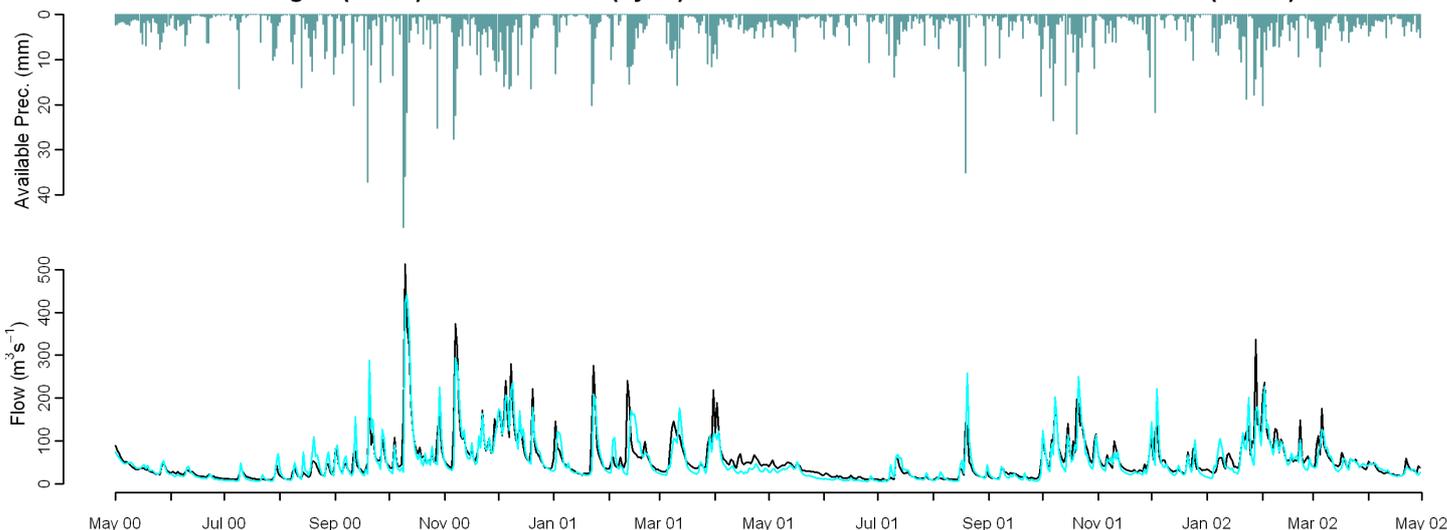
Model used: CLASSIC

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-5.3	-9.8	-8.9	-10.9	-10.8	-8.9	-12.8	-1.2	9.8	10.6	1.3	-3.4	-3.2	0.65
Performance Band	1	1	1	2	2	1	2	1	1	2	1	1	1	1
FAO (1962-1991)	0.4	-4.1	-3.6	-5.8	-8.5	-5.4	-4.4	4.1	13.2	20.6	8.1	8.0	1.3	0.62
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-36.4	-25.7	-14.3	-0.1	2.5	-3.4	-4.6	-6.4	-8.6					
Performance Band	2	2	1	1	1									
FAO (1962-1991)	-33.4	-21.9	-8.6	6.3	7.2	3.2	3.5	1.1	-2.2					

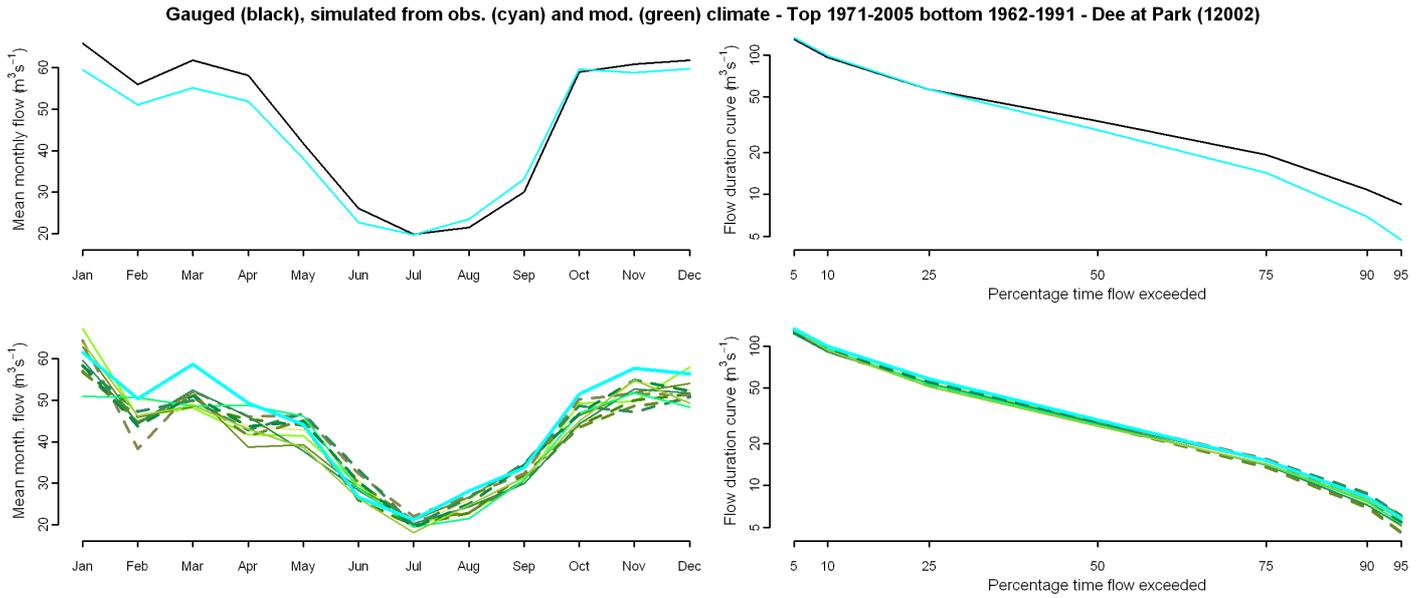
Gauged (black) and simulated (cyan) flows from observed climate - Dee at Park (12002)



Gauged (black) and simulated (cyan) flows from observed climate - Dee at Park (12002)



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	-5	-8	-4	-2	-8	-9	-7	-5	-7	-5	-8
January	12	-9	2	3	1	-3	-5	-4	-16	-4	5
April	-18	-9	-9	-5	-21	-16	-7	-10	1	-8	-15
July	-5	-4	-1	7	-1	-10	-2	-7	-7	-11	-15
October	-3	-13	-15	3	-9	-12	-9	-9	-5	-8	-7
Q90	1	-14	-8	8	-5	-17	-12	4	-9	-6	-6
Q75	-1	-10	1	5	-5	-12	-7	-1	-8	-1	-6
Q50	-2	-9	1	-1	-8	-8	-6	-2	-9	-2	-11
Q25	-8	-9	-4	-5	-9	-9	-8	-6	-9	-6	-13
Q5	-3	-4	-5	0	-6	-7	-7	-6	-4	-8	-3
RP2	1	-7	0	3	2	-2	7	1	2	-2	2
RP10	-8	-13	-9	-8	2	-15	4	-2	0	-7	-2

Climate change graphs for 2050s

