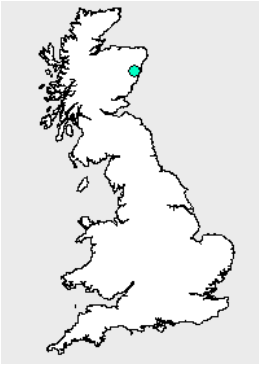
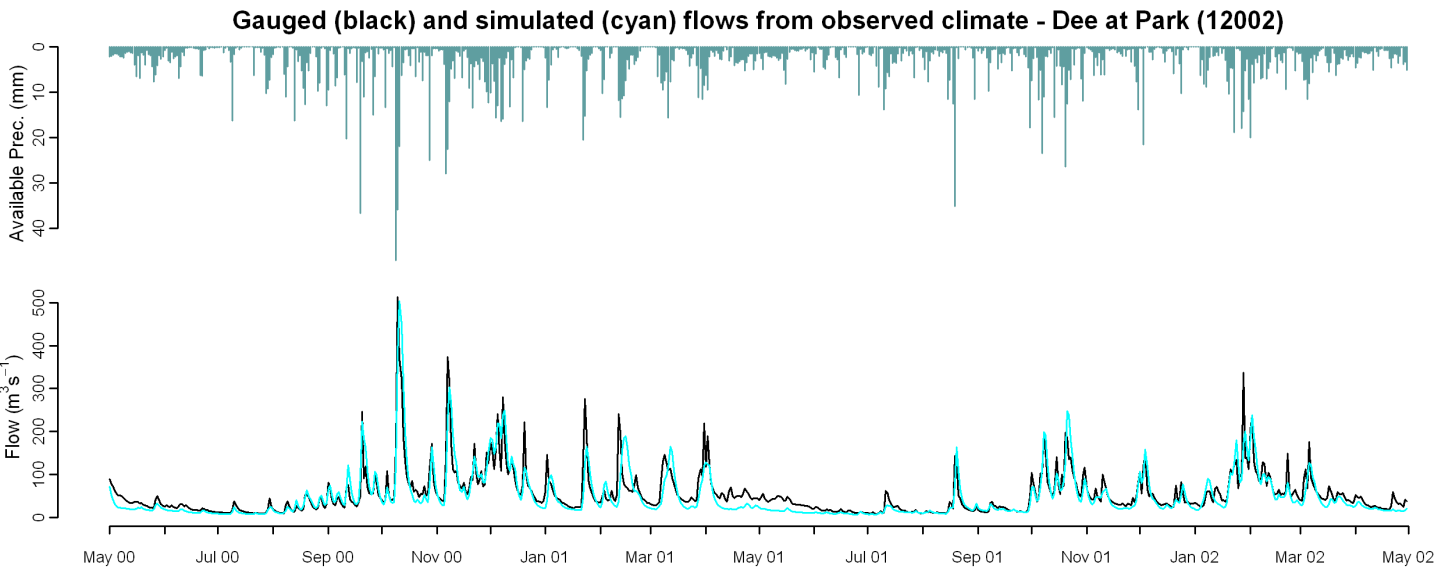
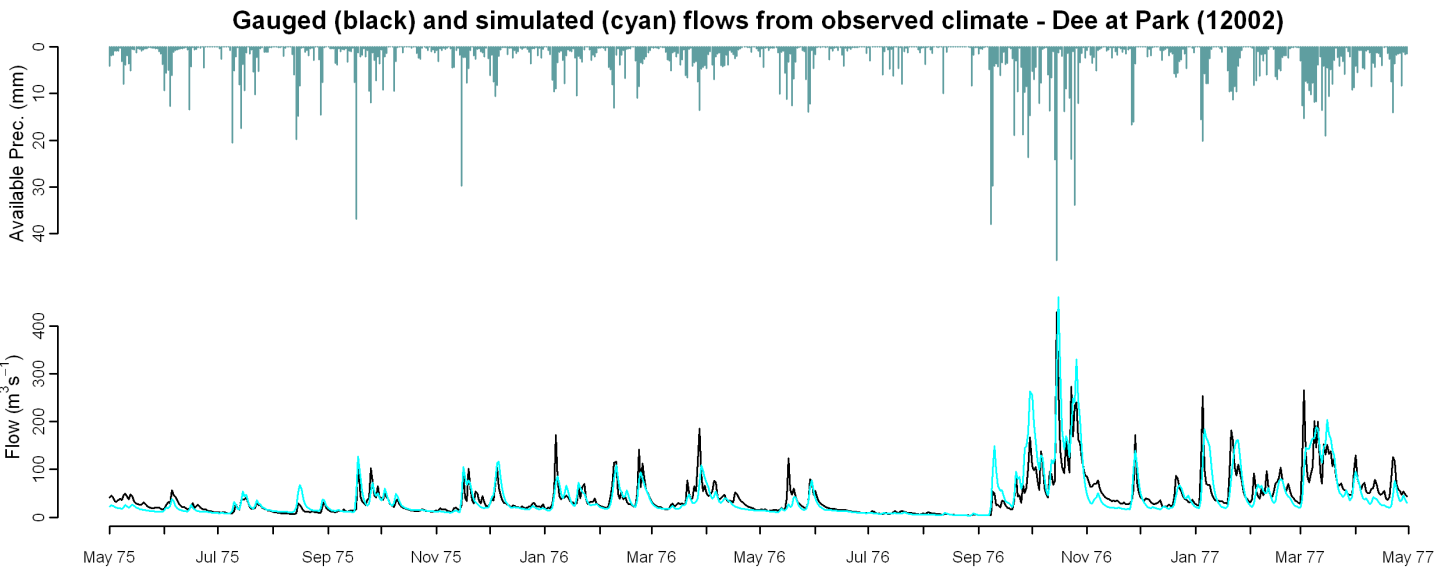


General Information

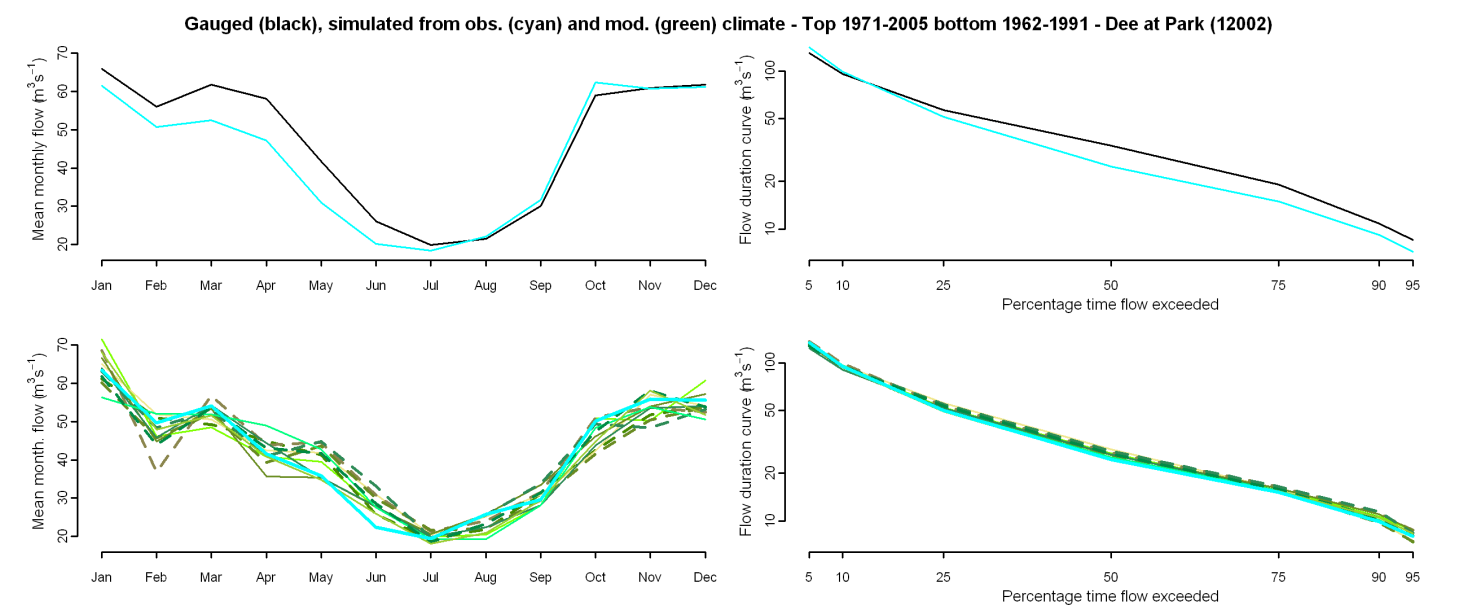
River Name	Dee	Catchment Area (km2)	1844
Station Name	Park	SAAR (mm) 61-90	1081
Station Number	12002	Mean Annual Rain (mm) 62-91	1110
Grid Reference	NO798983	Mean Annual PE (mm) 62-91	474
EA Region	SEPA-NE	Observed flow record	1972 to 2005



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)	-7.7	-6.8	-9.6	-15.1	-18.8	-25.8	-23.1	-7.7	3.2	5.5	5.8	-0.1	-0.9	0.65
Performance Band	1	2	1	2	2	2	2	1	1	2	1	1	1	2
MORECS (1962-1991)	-5.9	-3.8	-4.3	-10.4	-22.7	-24.9	-19.9	-5.3	1.5	4.0	7.2	5.2	0.0	0.63
	Q90	Q75	Q50	Q25	Q5					RP2	RP5	RP10	RP20	
MORECS (1971-2005)	-15.3	-22.3	-26.4	-9.6	8.7									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-15.6	-21.4	-25.1	-8.3	9.3									



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

Climate change graphs for 2050s

