

General Information

River Name	Dove	Catchment Area (km ²)	83
Station Name	Izaak Walton	SAAR (mm) 61-90	1089
Station Number	28046	Mean Annual Rain (mm) 62-91	1099
Grid Reference	SK146509	Mean Annual PE (mm) 62-91	593
EA Region	EA-M	Observed flow record	1969 to 2005



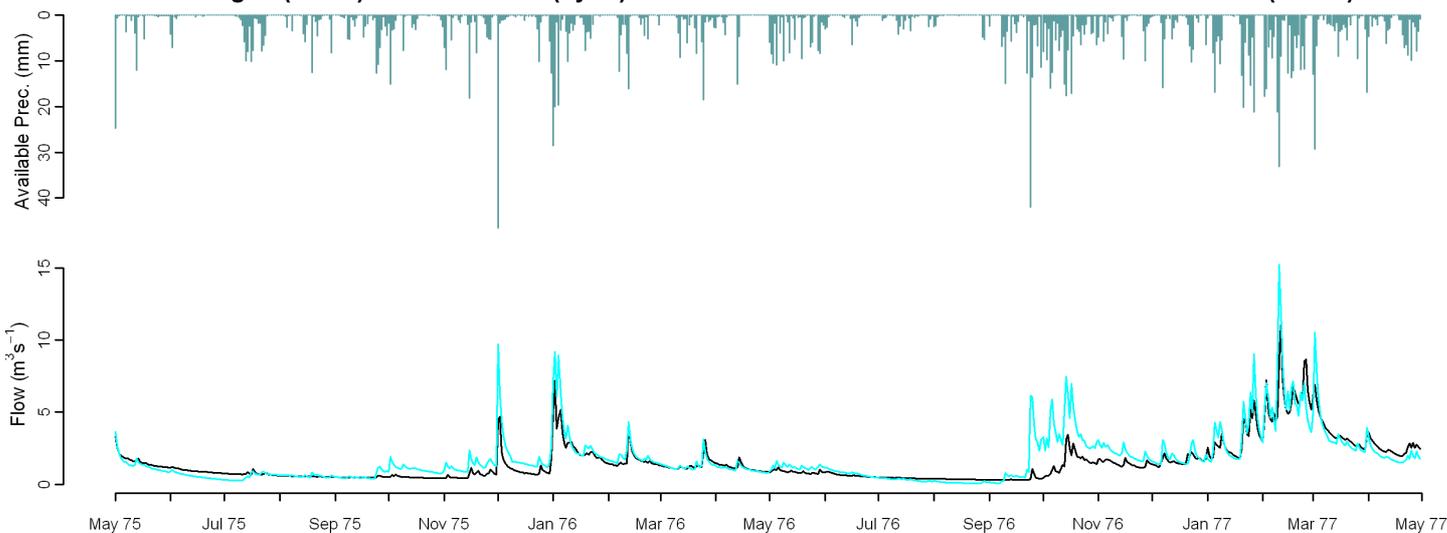
Observed Data

Comparison of gauged and simulated flow

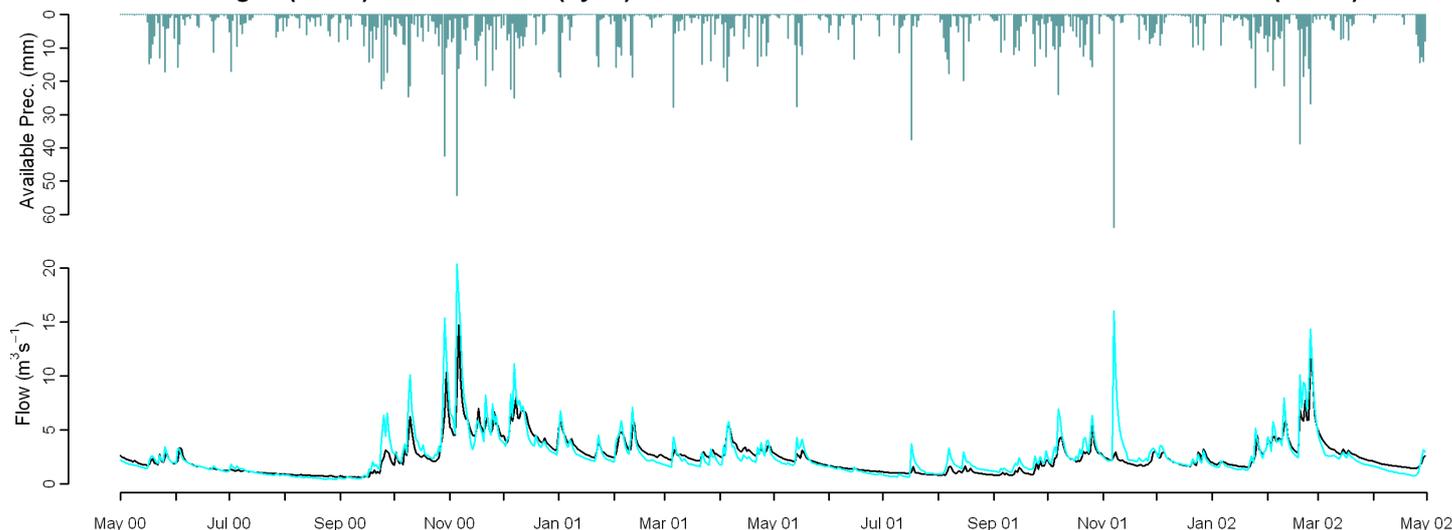
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	7.7	2.7	-4.9	-8.2	-13.5	-14.5	1.5	13.1	34.9	47.1	45.7	27.4	13.3	0.58
Performance Band	1	1	1	1	2	2	1	1	2	3	3	2	2	2
MORECS (1962-1991)	6.2	2.8	-6.1	-7.1	-13.4	-18.0	-2.6	5.8	28.5	44.4	44.8	29.5	13.9	0.57
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	7.3	11.2	3.1	0.2	15.6									
Performance Band	1	1	1	1	2									
MORECS (1962-1991)	-0.5	10.8	4.0	-0.3	14.0									

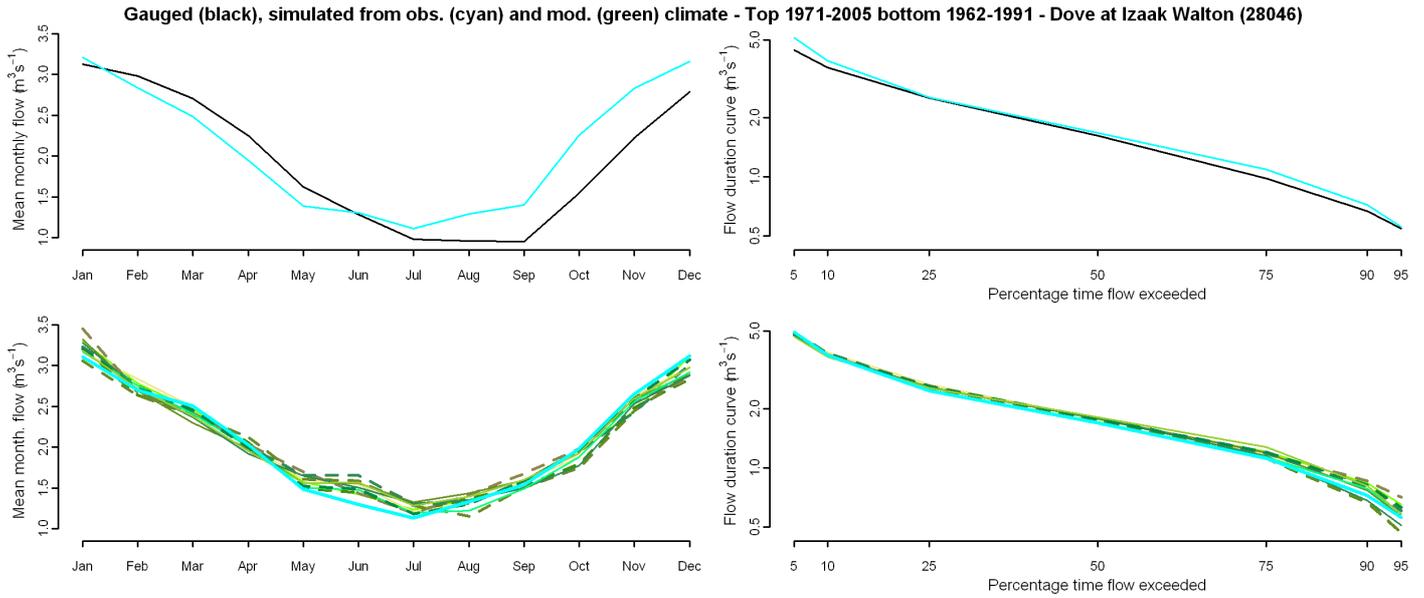
Gauged (black) and simulated (cyan) flows from observed climate - Dove at Izaak Walton (28046)



Gauged (black) and simulated (cyan) flows from observed climate - Dove at Izaak Walton (28046)



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	4	5	3	1	0	3	0	1	2
January	8	0	4	10	7	0	4	6	2	1	3
April	0	-2	4	6	-2	6	-5	2	0	0	-2
July	12	14	14	9	17	15	17	17	8	3	14
October	2	-5	-4	6	0	-7	-4	2	-4	0	-1
Q90	17	-8	7	20	2	-8	-9	9	7	9	13
Q75	8	1	5	6	5	0	2	8	1	6	14
Q50	4	3	6	4	4	4	5	6	0	4	7
Q25	4	3	7	6	2	3	4	6	1	5	3
Q5	-2	-2	0	-1	-1	-3	-5	0	0	-5	-6
RP2	-1	2	-7	4	4	5	6	0	6	-5	-2
RP10	-7	2	-21	-2	-3	-12	-11	-11	15	-15	-9

Climate change graphs for 2050s

