

General Information

River Name	Rhee	Catchment Area (km2)	119
Station Name	Wimpole	SAAR (mm) 61-90	557
Station Number	33027	Mean Annual Rain (mm) 62-91	562
Grid Reference	TL333485	Mean Annual PE (mm) 62-91	607
EA Region	EA-A	Observed flow record	1965 to 2005



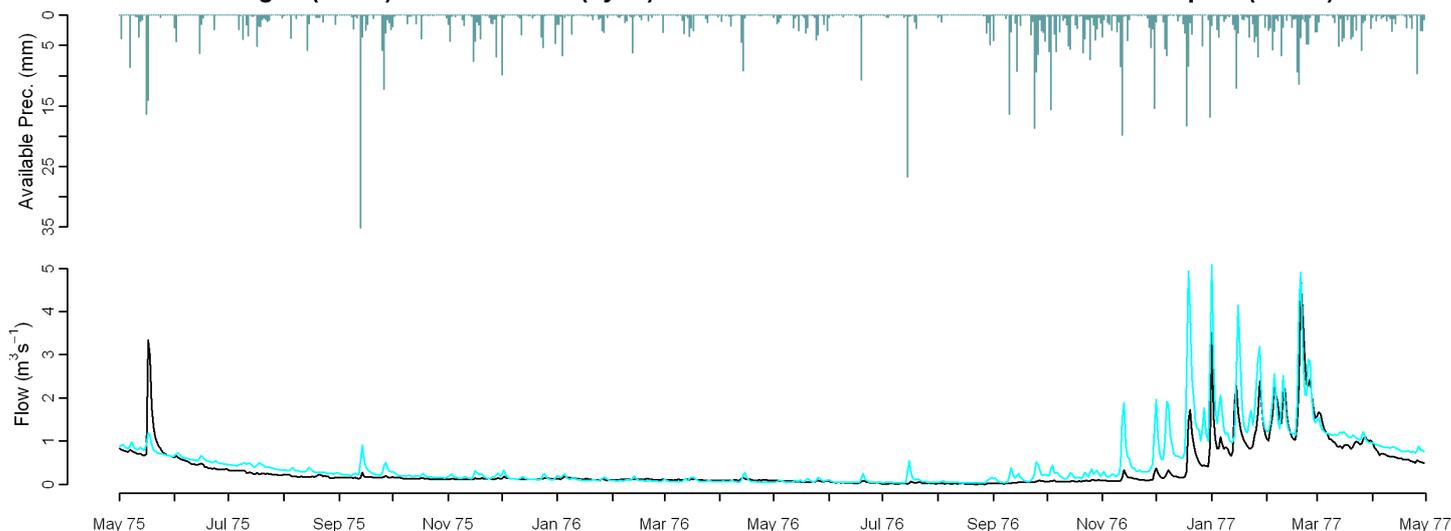
Observed Data

Comparison of gauged and simulated flow

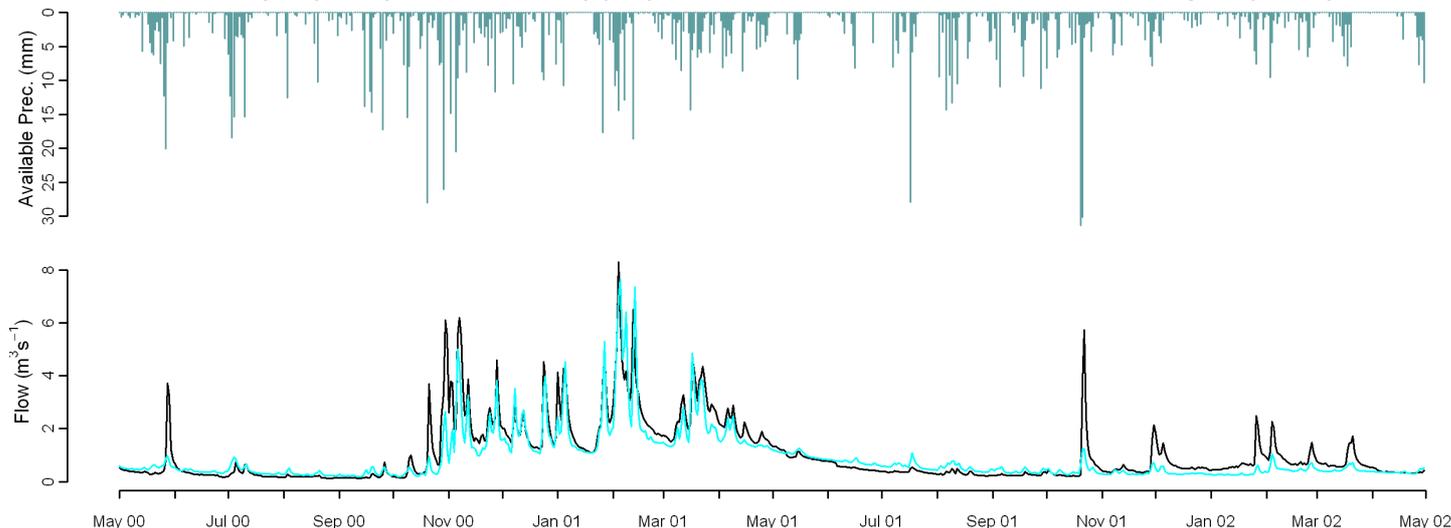
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-8.5	-19.7	-17.5	-16.9	-19.1	0.9	23.9	55.5	71.3	42.5	-25.8	-22.7	-15.5	0.67
Performance Band	2	3	2	2	2	1	2	3	3	2	3	3	3	2
MORECS (1962-1991)	-16.5	-32.1	-25.7	-22.1	-22.2	-7.7	10.5	42.5	46.5	24.7	-25.3	-24.0	-31.2	0.63
	Q90	Q75	Q50	Q25	Q5	RP2		RP5		RP10		RP20		
MORECS (1971-2005)	49.9	38.8	24.3	-5.5	-27.3									
Performance Band	1	1	2	3	3									
MORECS (1962-1991)	29.1	27.4	5.1	-17.0	-34.7									

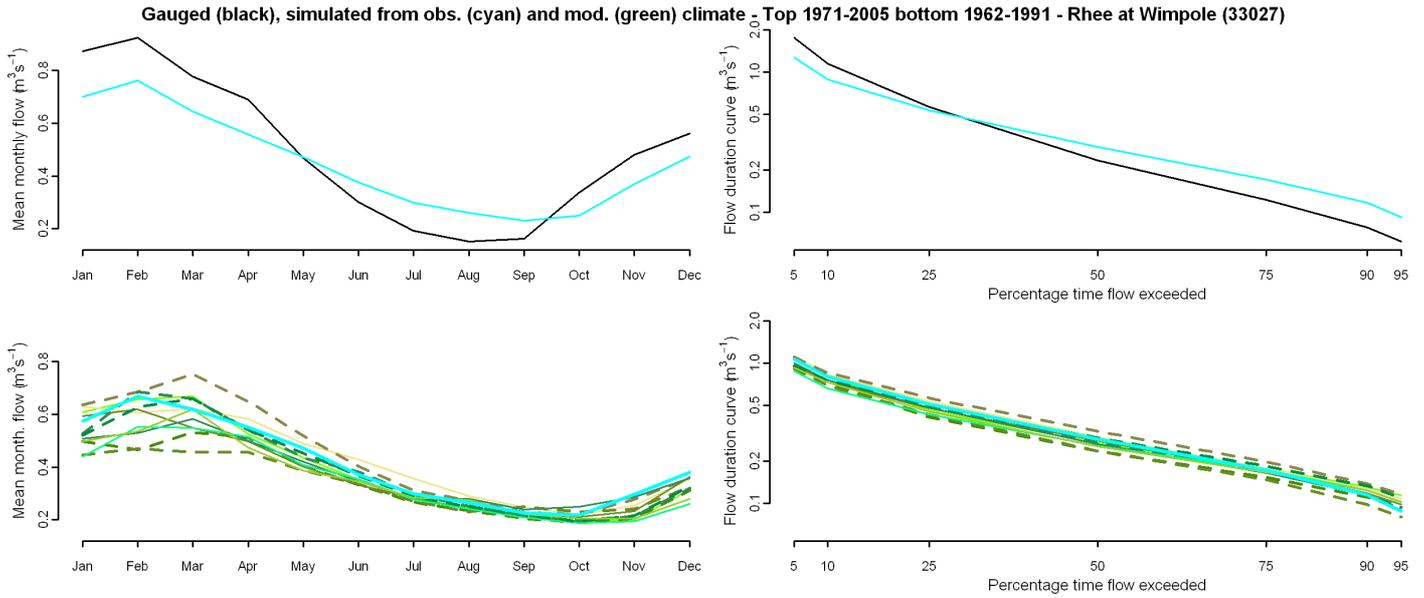
Gauged (black) and simulated (cyan) flows from observed climate - Rhee at Wimpole (33027)



Gauged (black) and simulated (cyan) flows from observed climate - Rhee at Wimpole (33027)



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	-18	8	11	-7	-17	-6	-1	-15	-3	-13
January	5	-20	13	12	4	-23	-16	-5	-22	-8	-14
April	-3	-17	13	23	-8	-20	-10	4	-5	1	-16
July	-3	-13	25	10	-7	-11	-3	2	-3	-1	-6
October	-7	-11	4	6	-10	6	18	-5	-9	-9	-7
Q90	14	-5	12	23	1	-16	0	1	8	15	7
Q75	3	-13	5	16	-5	-16	-4	-1	0	6	-6
Q50	-6	-21	8	16	-6	-20	-9	-2	-9	2	-14
Q25	-10	-24	9	13	-8	-19	-9	3	-15	-1	-15
Q5	-2	-19	7	7	-10	-18	-8	1	-17	-8	-16
RP2	-12	-30	-1	-5	-27	-23	-8	-10	-27	-15	-23
RP10	-13	-24	9	-9	-24	-19	-11	-24	-29	-23	-29

Climate change graphs for 2050s

