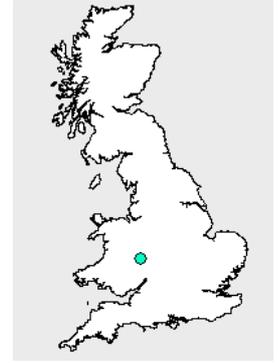


General Information

River Name	Teme	Catchment Area (km ²)	1134
Station Name	Tenbury	SAAR (mm) 61-90	841
Station Number	54008	Mean Annual Rain (mm) 62-91	850
Grid Reference	SO597686	Mean Annual PE (mm) 62-91	553
EA Region	EA-M	Observed flow record	1961 to 2005



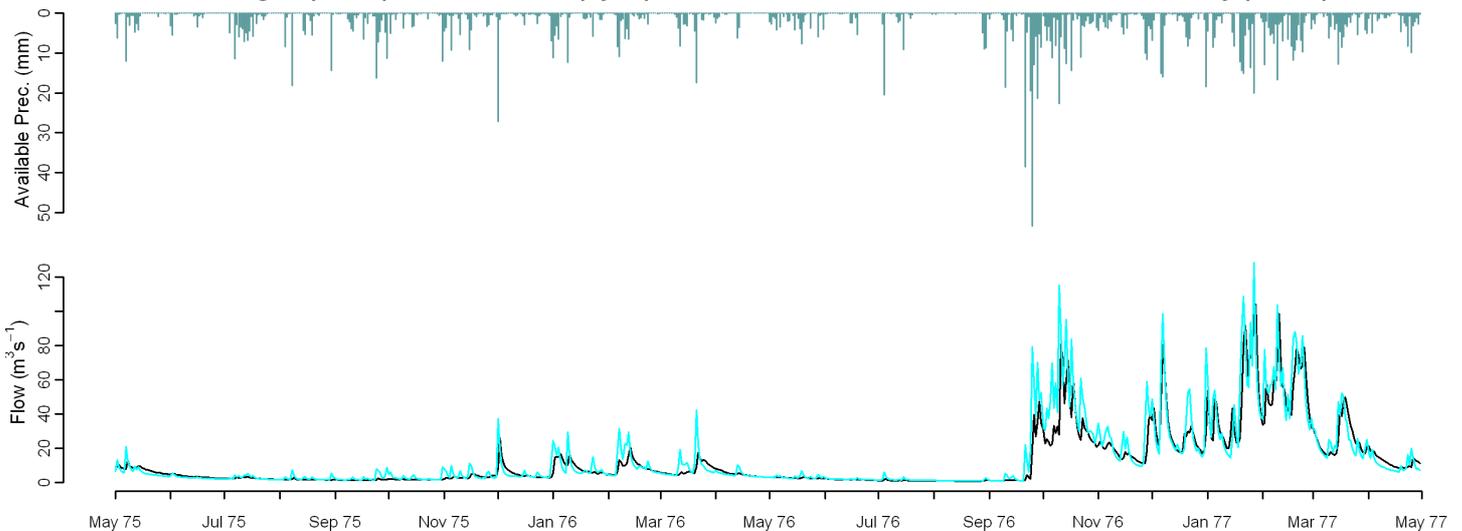
Observed Data

Comparison of gauged and simulated flow

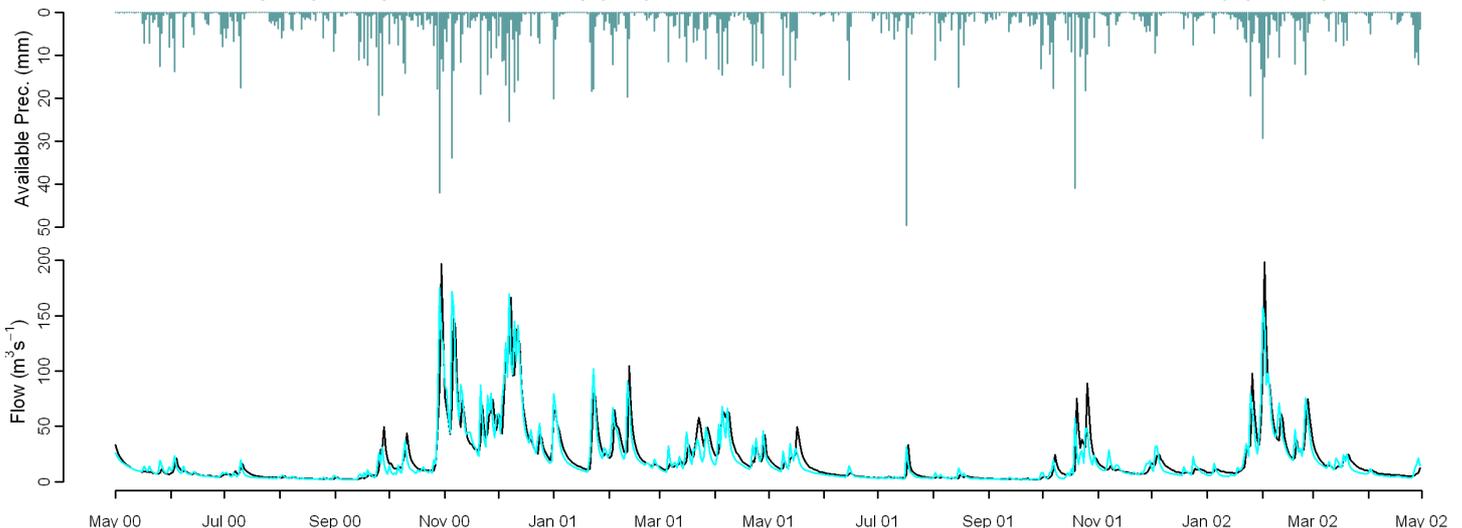
Model used: PDM

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-1.1	4.6	2.0	-7.8	-12.2	-11.8	-6.9	6.8	18.2	15.8	-2.9	-0.2	1.3	0.75
Performance Band	1	1	1	1	2	2	1	1	2	2	1	1	1	1
FAO (1962-1991)	2.5	9.8	3.8	-5.1	-9.6	-12.2	-5.2	-2.4	11.7	16.6	2.5	5.7	9.7	0.72
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	8.7	-2.7	-8.3	-3.5	0.9	4.0	-0.3	-3.0	-5.3					
Performance Band	1	1	1	1	1									
FAO (1962-1991)	5.1	-5.0	-8.8	-0.8	12.1	-2.8	-7.2	-7.8	-7.5					

Gauged (black) and simulated (cyan) flows from observed climate - Teme at Tenbury (54008)

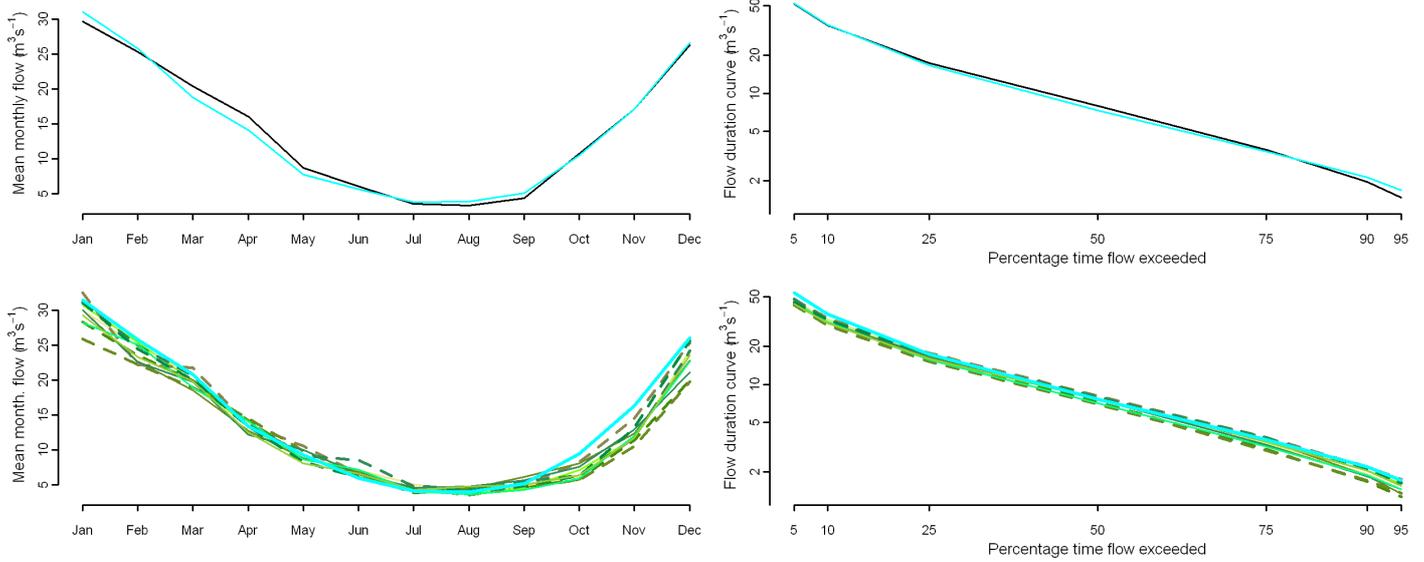


Gauged (black) and simulated (cyan) flows from observed climate - Teme at Tenbury (54008)



Comparison of gauged and simulated flow (observed and modelled climate)

Gauged (black), simulated from obs. (cyan) and mod. (green) climate - Top 1971-2005 bottom 1962-1991 - Teme at Tenbury (54008)



Percentage difference between flow simulated from observed climate and Future Flows Climate

	afgcx	afixa	afixc	afixh	afixi	afixj	afixk	afixl	afixm	afixo	afixq
Annual	-6	-13	-6	-1	-9	-15	-8	-3	-10	-7	-11
January	-2	-9	-1	6	-1	-14	-4	4	-8	-3	-4
April	-2	-4	6	3	-8	4	-11	0	3	-3	-6
July	-1	0	24	2	1	6	11	13	0	3	2
October	-23	-39	-35	-15	-19	-40	-19	-32	-37	-34	-11
Q90	-7	-25	-12	-1	-18	-24	-16	-7	-14	-5	-8
Q75	-3	-18	-7	3	-5	-20	-9	3	-12	-3	-5
Q50	2	-6	-1	7	-3	-10	0	5	-7	0	-2
Q25	-2	-10	-2	3	-7	-13	-3	0	-10	-1	-9
Q5	-13	-19	-11	-9	-15	-21	-18	-9	-15	-16	-19
RP2	-10	-1	-5	8	-3	-9	8	1	-3	2	-12
RP10	-8	-4	0	4	-5	-10	14	-1	13	9	4

Climate change graphs for 2050s

Change between future (2040-2069) and control (1961-1990) simulated flow (green) - Teme at Tenbury (54008)

