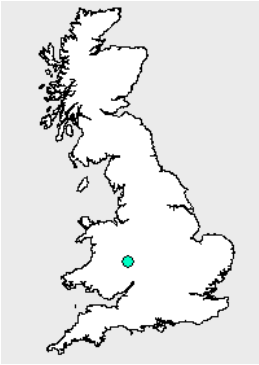


General Information

River Name	Teme	Catchment Area (km2)	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

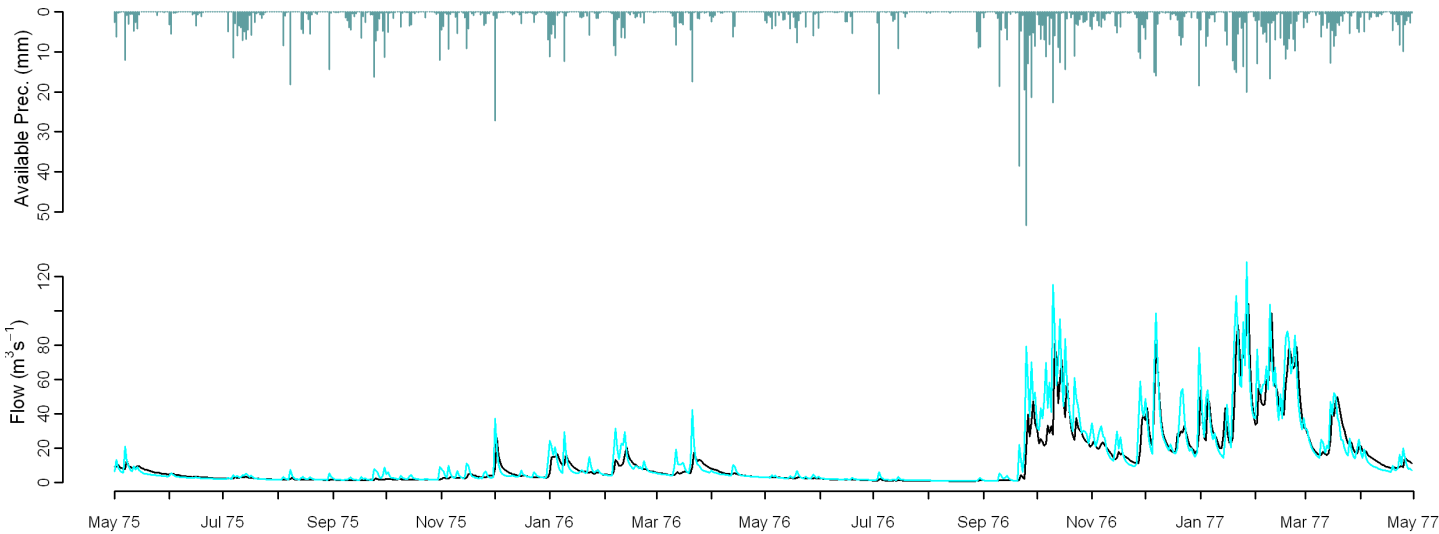
Comparison of gauged and simulated flow

Model used: PDM

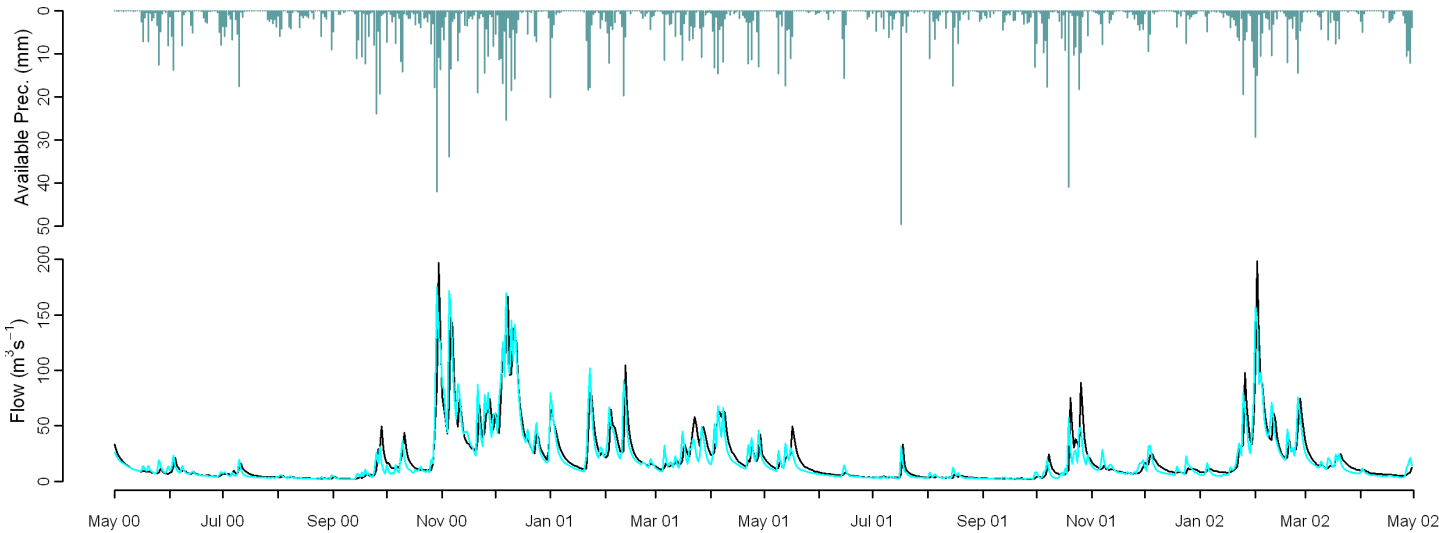
	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-1.1	4.6	2.0	-7.8	-12.2	-11.8	-6.9	6.8	18.2	15.8	-2.9	-0.2	1.3	0.75
Performance Band	1	1	1	1	2	2	1	1	2	2	1	1	1	1
FAO (1962-1991)	2.5	9.8	3.8	-5.1	-9.6	-12.2	-5.2	-2.4	11.7	16.6	2.5	5.7	9.7	0.72

	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

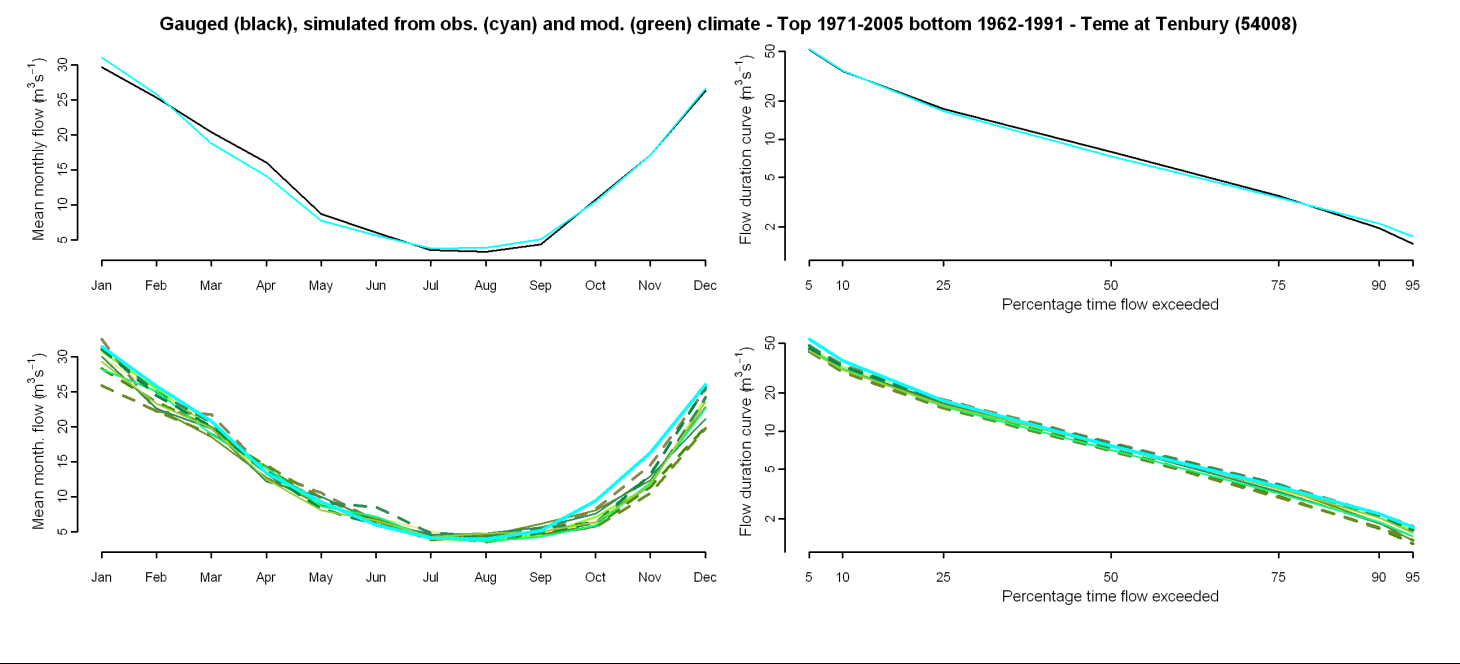
Gauged (black) and simulated (cyan) flows from observed climate - Teme at Tenbury (54008)



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



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



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

