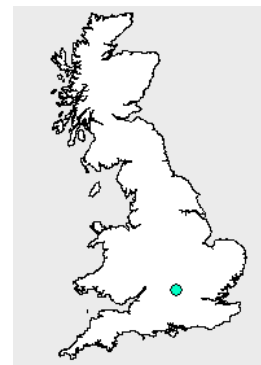


## General Information

River Name	Thame	Catchment Area (km2)	534
Station Name	Wheatley	SAAR (mm) 61-90	644
Station Number	39105	Mean Annual Rain (mm) 62-91	649
Grid Reference	SP612050	Mean Annual PE (mm) 62-91	595
EA Region	EA-SE	Observed flow record	1989 to 2005



## Observed Data

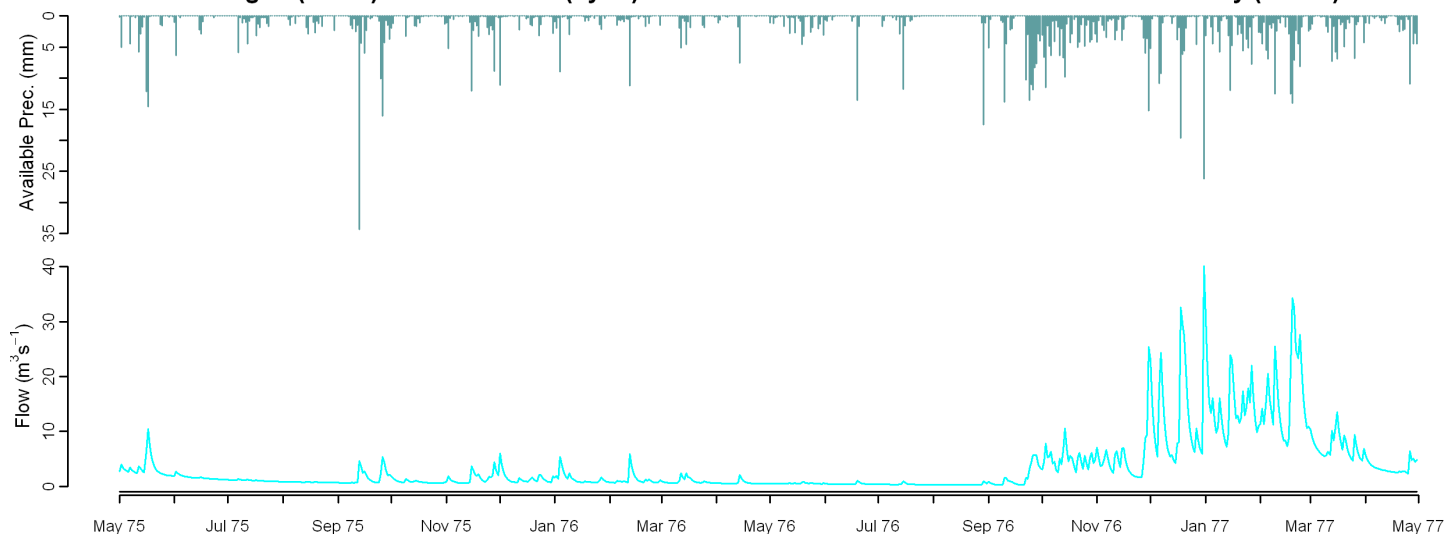
## Comparison of gauged and simulated flow

## Model used: PDM

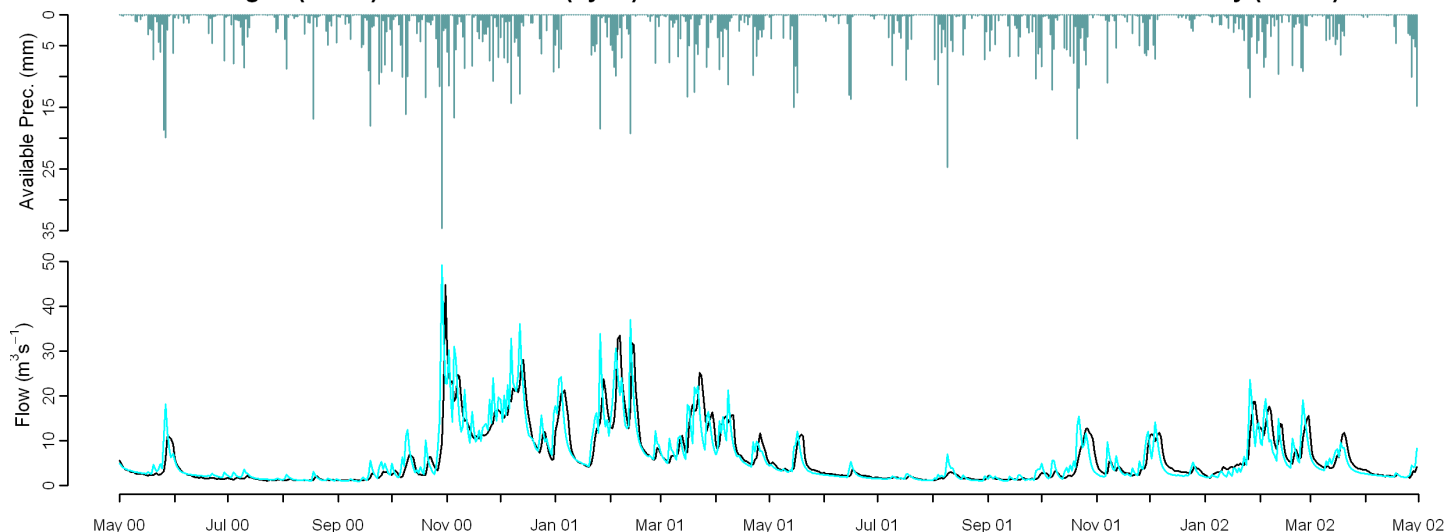
	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-1.0	-2.6	-2.1	-4.7	-10.5	3.2	5.6	7.0	6.5	1.8	6.5	5.5	0.9	0.67
Performance Band	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FAO (1962-1991)														

	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20
MORECS (1971-2005)	-23.5	-9.4	3.9	6.3	-3.5	-1.3	-6.8	-8.8	-10.0
Performance Band	1	1	1	1	1				
FAO (1962-1991)									

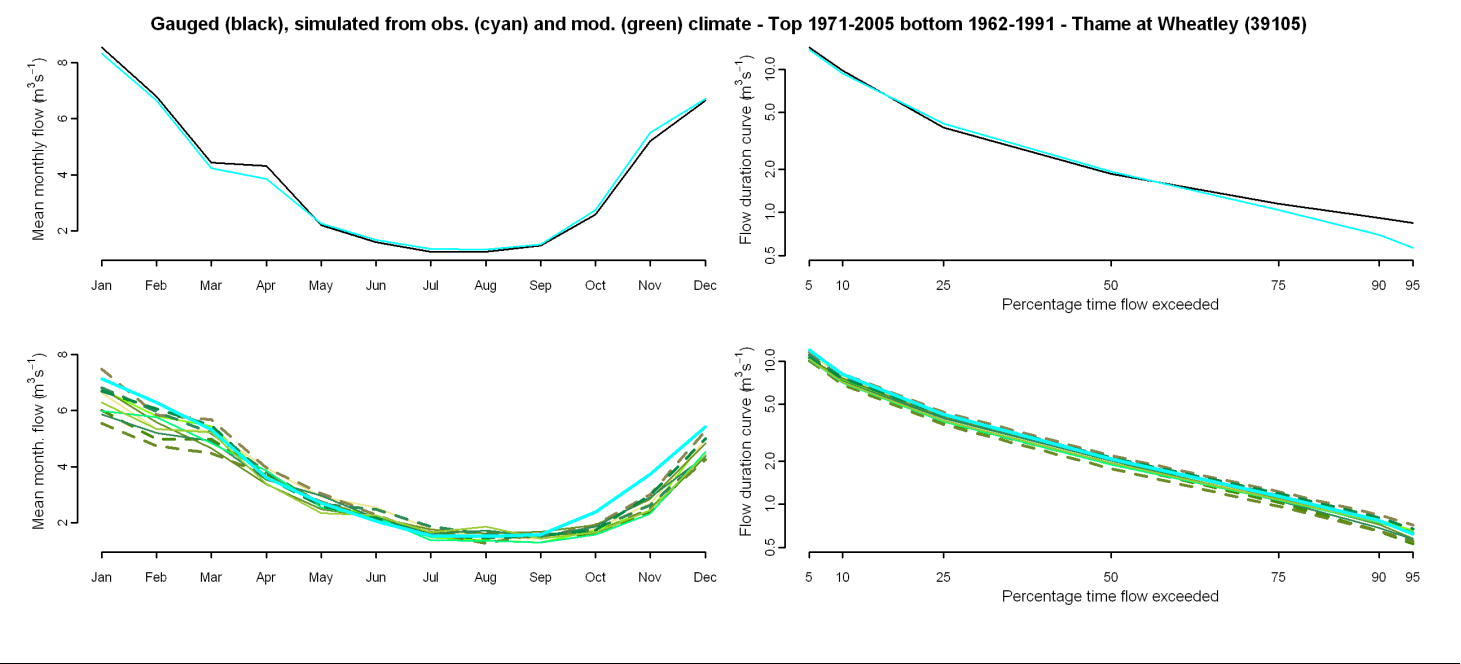
Gauged (black) and simulated (cyan) flows from observed climate - Thame at Wheatley (39105)



Gauged (black) and simulated (cyan) flows from observed climate - Thame at Wheatley (39105)



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	-15	-4	2	-9	-17	-10	-3	-11	-5	-12
January	-5	-20	-4	5	-3	-22	-21	-2	-13	-7	-13
April	2	-3	14	12	-7	-1	1	10	9	1	-4
July	-1	2	19	5	9	8	7	22	-8	0	8
October	-24	-32	-25	-13	-26	-31	-21	-26	-30	-27	-12
Q90	1	-17	-4	11	-9	-17	-10	-2	-5	2	-3
Q75	1	-11	-4	9	-7	-17	-7	3	-6	3	-6
Q50	-2	-9	-1	8	-4	-15	-3	3	-8	1	-8
Q25	-4	-14	-2	5	-7	-17	-7	0	-10	0	-11
Q5	-12	-19	-6	-3	-14	-19	-16	-7	-14	-12	-15
RP2	-12	-7	-10	1	-14	-11	-16	-11	-5	-4	-14
RP10	-5	-1	1	0	3	4	-1	2	-8	9	-4

Climate change graphs for 2050s

