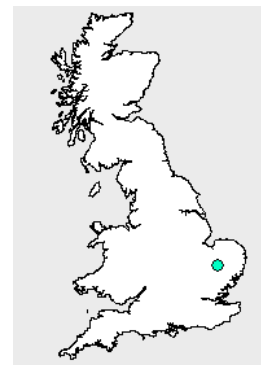


General Information

River Name	Lark	Catchment Area (km2)	272
Station Name	Temple	SAAR (mm) 61-90	593
Station Number	33014	Mean Annual Rain (mm) 62-91	594
Grid Reference	TL758730	Mean Annual PE (mm) 62-91	597
EA Region	EA-A	Observed flow record	1962 to 2005



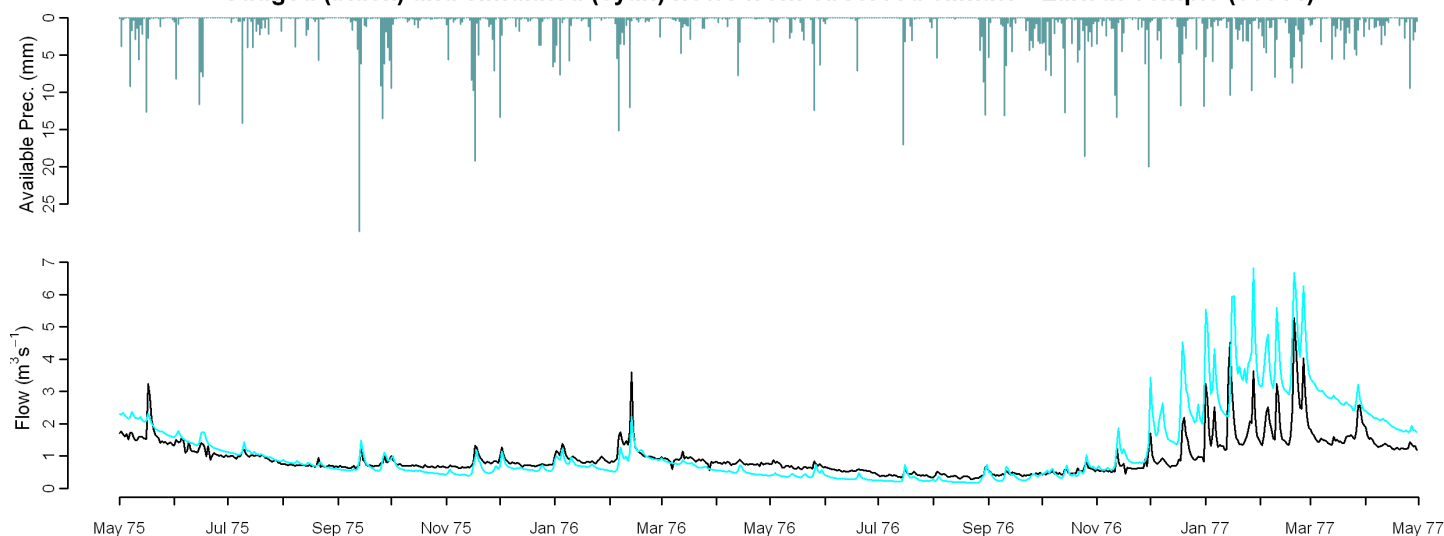
Observed Data

Comparison of gauged and simulated flow

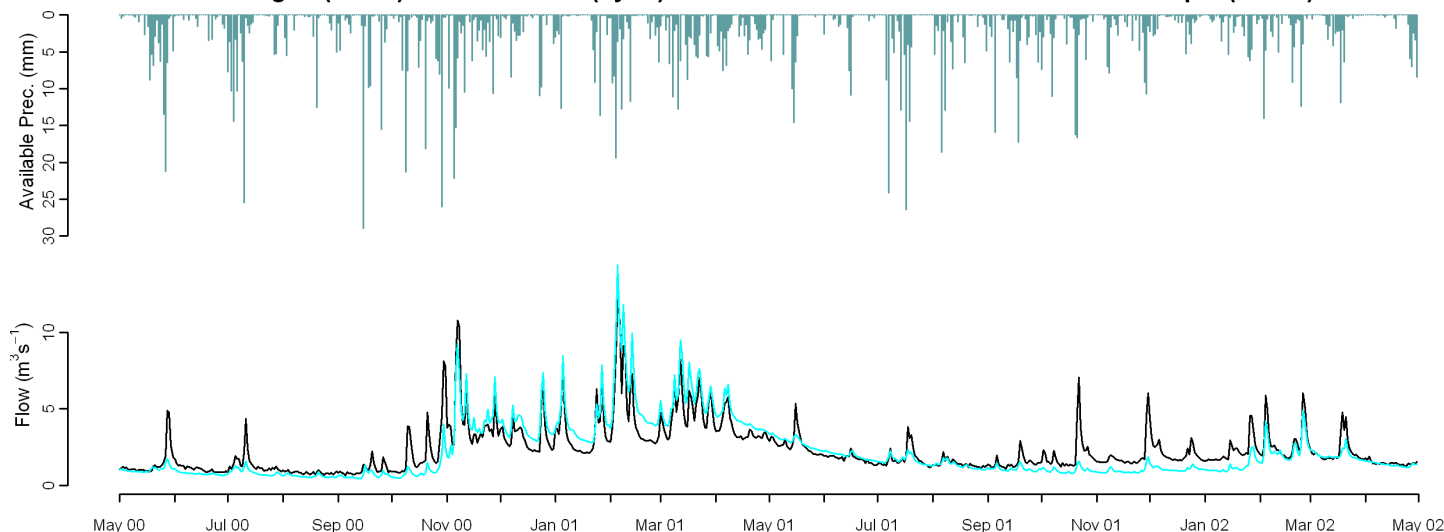
Model used: CERF

	Mean Annual	J	F	M	A	M	J	J	A	S	O	N	D	Nash Sutcliffe
MORECS (1971-2005)	-7.1	1.5	16.3	6.1	-1.9	-7.9	-9.0	-12.1	-16.1	-20.8	-31.7	-23.8	-12.7	0.69
Performance Band	2	1	1	1	1	2	2	2	2	2	3	3	2	1
MORECS (1962-1991)	-11.3	-3.8	12.2	0.7	-6.3	-12.4	-14.4	-15.5	-20.8	-27.0	-29.2	-28.5	-20.8	0.65
	Q90	Q75	Q50	Q25	Q5	RP2	RP5	RP10	RP20					
MORECS (1971-2005)	-27.6	-25.0	-18.9	-2.5	7.5									
Performance Band	1	1	1	1	1									
MORECS (1962-1991)	-32.5	-28.6	-20.9	-4.5	3.4									

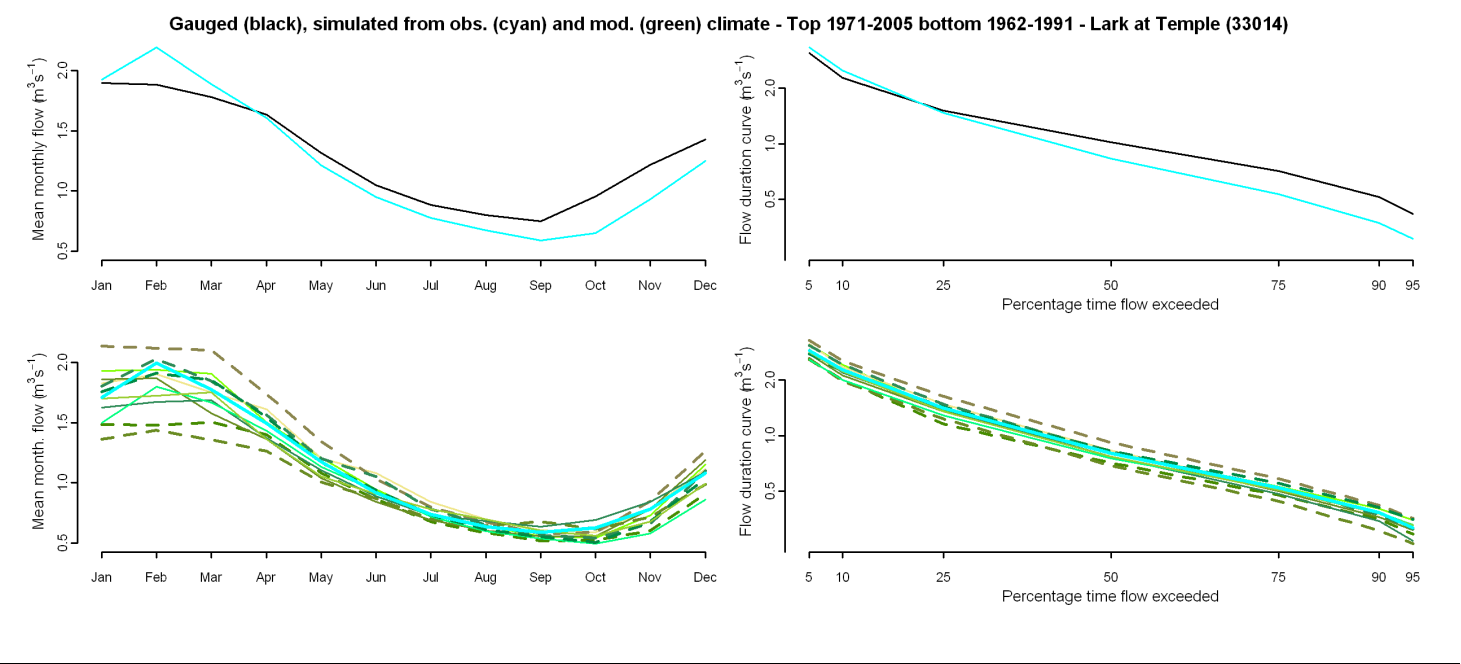
Gauged (black) and simulated (cyan) flows from observed climate - Lark at Temple (33014)



Gauged (black) and simulated (cyan) flows from observed climate - Lark at Temple (33014)



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	5	-15	6	18	-3	-12	-2	4	-9	1	-6
January	12	-19	9	26	9	-20	-9	9	-10	4	-2
April	2	-12	12	24	-6	-16	-8	9	-2	6	-7
July	2	-8	19	15	-5	-5	4	9	1	2	5
October	-10	-15	-4	-1	-16	0	14	-9	-17	-17	-10
Q90	5	-8	-2	12	-6	-21	-9	-2	0	6	-1
Q75	2	-9	1	15	-6	-17	-7	2	-1	5	-3
Q50	1	-13	6	18	-1	-16	-4	6	-5	4	-6
Q25	-3	-22	7	18	-5	-14	-3	8	-7	2	-8
Q5	7	-16	9	17	-5	-10	1	7	-10	-2	-5
RP2	8	-16	11	11	-6	-4	10	5	-8	-7	-10
RP10	12	-6	17	19	-3	3	8	4	-14	-5	-13

Climate change graphs for 2050s

