

Climate model	$R^2$	PBIAS	FDC $\pm 30\%$			Change	Selection	
	> 0.85	$\pm 30\%$	NED	HF	LF	$\pm 30\%$	pre	final
UC GFDL	×	×	–	×	–	×	–	–
BC GFDL	×	×	×	–	–	×	×	×
UC HadGEM	×	×	×	–	–	×	×	–
BC HadGEM	×	×	×	×	–	×	×	×
UC IPSL	×	–	–	–	–	–	–	–
BC IPSL	×	×	×	–	–	–	×	–
UC MIROC	×	×	×	~	–	×	×	–
BC MIROC	×	×	×	–	–	×	×	×
UC NorESM	–	×	~	~	–	×	–	–
BC NorESM	×	×	×	–	–	×	×	×
UC CanESM2/RCM4	×	×	–	×	–	–	–	–
BC CanESM2/RCM4	×	×	×	–	–	–	×	–
UC CanESM2/RCA4	×	–	–	–	–	×	–	–
BC CanESM2/RCA4	×	×	–	–	–	×	–	–
UC CNRM-CM5/RCA4	×	–	–	–	–	–	–	–
BC CNRM-CM5/RCA4	×	×	×	–	–	–	×	–
UC GFDL/RCA4	×	×	×	×	–	×	×	×
BC GFDL/RCA4	×	×	×	–	–	×	×	–
UC EC-EARTH/Hirham	×	–	–	~	–	×	–	–
BC EC-EARTH/Hirham	×	×	×	–	–	×	×	×
UC EC-EARTH/RACMO	×	–	–	×	–	×	–	–
BC EC-EARTH/RACMO	×	×	×	–	–	×	×	×
UC EC-EARTH/RCA4	×	–	–	–	–	×	–	–
BC EC-EARTH/RCA4	×	×	×	–	–	×	×	×
UC MIROC5/RCA4	×	×	–	×	–	–	–	–
BC MIROC5/RCA4	×	×	~	–	–	–	×	–
UC MPI-M-ESM-LR/RCA4	×	–	–	–	–	×	–	–
BC MPI-M-ESM-LR/RCA4	×	×	×	–	–	×	×	×
UC NorESM1/RCA4	×	×	~	×	×	×	×	×
BC NorESM1/RCA4	×	×	–	–	–	×	–	–

“×” is the criterion achieved; “~” is the criterion almost achieved; “–” is the criterion not achieved. “HF” refers to the high flows ( $\leq Q_{10}$ ); “LF” refers to the low flows ( $\geq Q_{90}$ ). “Change  $\pm 30\%$ ” is the volumetric change between the reference period and RCP8.5 in 2030–2059. The abbreviation “pre” refers to the preselection; “final” refers to the models selected in the final ensemble.