

Observations (1956–2006)

VIC model (1955–2004)

Variable (units of trend)	Trend (Sen)	Pearson R^2	Trend (Sen)	Pearson R^2
APF ($\text{m}^{-3} \text{s}^{-1} \text{yr}^{-1}$)	-36.5	0.10	-	-
Freezing degree days ($^{\circ}\text{C day yr}^{-1}$)	-6.29	0.14	-6.29	0.11
April–June mean T ($^{\circ}\text{C day yr}^{-1}$)	0.026	0.10	-	-
Spring rain (mm yr^{-1})	-	-	0.927	0.13
PDO (yr^{-1})	0.035	0.16	0.038	0.17
Snowmelt rate ($\text{mm day}^{-1} \text{yr}^{-1}$)	NA	NA	-0.0137	0.10
Melt season length (day yr^{-1})	NA	NA	0.225	0.12