

Table 11: Regional trends for six key hydrological indicators under RCP8.5 from National TopNet modelling based on Collins and Zammit (2016). Coloured arrows: = positive trends; = negative trends; = mixed trends. Pluses + minuses: ++ = earlier low flow timing; -- = later low flow timing

REGION	MEAN ANNUAL FLOWS			FLOW RELIABILITY	SUMMER SOIL MOISTURE DEFICIT
	LOW	MEAN DISCHARGE	FLOOD		
NORTHLAND	++				
AUCKLAND	++	North West Coast & South			
WAIKATO	++	West Coast & Volcanoes Coromandel & Central Plateau	Central Plateau		
BAY OF PLENTY	++	 Central Coast			
GISBORNE	++		West Hill Country		
TARANAKI	++	 Mt Taranaki			
MANAWATU-WANGANUI	++	North & West Coast Central & East Coast			
HAWKE'S BAY	++				
WELLINGTON	++				
TASMAN	++				
NELSON CITY	++				
MARLBOROUGH	++	North & Sounds South & East Coast	southern Uplands		
WEST COAST	--			-	-
CANTERBURY	++ some East Coast	Lowlands & East Coast Mountains & Uplands		 some East Coast	 some Lowlands & East Coast
OTAGO	++ some Uplands & East Coast	 northern Uplands		 some East Coast	 some Uplands & East Coast
SOUTHLAND	++				