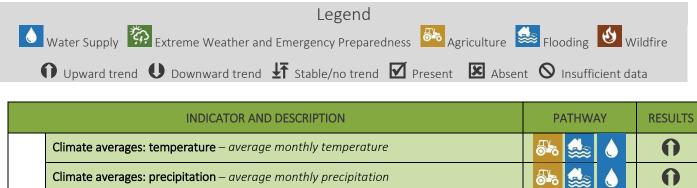
State of Climate Adaptation: RDEK Area F 2017

Results at a glance



Climate Changes	Climate averages: precipitation – average monthly precipitation	🏍 🄜 🍐	0
	Climate extremes: temperature – annual frequency of hot days	6	₽Ţ
	Climate extremes: precipitation – annual amount of rain falling on very wet days	5	Ŧ
	Freeze-thaw cycle - total number of days annually where maximum temperature > 0 $\%$ and minimum temperature < 0 $\%$ during the same day		Ŧ
	Frequency of strong wind events – total number of days annually with sustained winds of 70 km/h or more and/or gusts to 90 km/h or more	<u>بې</u>	\otimes
	Frequency of extreme heat days – total number of days each year where maximum daily temperature exceeds $30 ^{\circ}$ C	÷Č*	0
	Frequency of extreme snowfall events – annual number of days with snowfall amounts of 15 cm or more within 24 hours	<u>ب</u>	\otimes
	Maximum 1-day rainfall – annual maximum 1-day precipitation	一 茶 🍐	Ŧ
	Number of days with high fire danger – annual number of days in high or extreme danger classes of Canadian Forest Fire Danger Rating System	4	₽Ţ
	Air quality – concentrations of fine particulate matter in the air	S	\otimes
	Area burned by wildfire – number of hectares burned on an annual basis	ર્સ્ટ	₽Ţ
Environmental Impacts	April 1st snow pack – depth of snowpack on April 1 each year		U
	Consecutive dry days – maximum number of consecutive dry days	6	₽
	Drought index – number of days per BC Drought Index Level	0	0
	Growing degree days – amount of heat energy available for plant growth	5	0
	Ground water level – average monthly ground water level		\otimes
	Glacier extent – area of glaciated terrain		U
	Invasive species – number of species present and extent of coverage	5	\otimes
	Growing season length – annual number of days between the first and last occurrence of 5 consecutive days with a mean temperature of greater than 5° C	6	Ŧ
	Source water quality – monthly average turbidity and temperature		0
	Stream flow timing – date of half total flow, annual peak yield and late summer minimum yield		\otimes

	INDICATOR AND DESCRIPTION	PATHWAY	RESULTS
Adaptation Actions & Capacity Building	Stream flow volume – discharge for annual maximum and late summer minimum	١	\otimes
	Wildfire starts – annual number of human- and lightning- caused wildfire starts	ર્સ	0
	Backup power sources – presence of backup power source for essential services	<u>بې</u>	M
	Community food production – number of people in the community who grow at least a small portion of their own food	.	\otimes
	Emergency preparedness plan – presence of an emergency preparedness plan, including a community evacuation plan that has been updated within the last 5 years	<u>پې</u>	$\mathbf{\overline{\mathbf{N}}}$
	FireSmart-recognized community – recognition through FireSmart Canada's Community Recognition Program	ર્સ્ક	0
	Flood mapping extent and updates - currency and extent of flood mapping		×
is & C	Hectares irrigated – number of hectares irrigated	5	\otimes
Actior	Interface fire risk reduction – area treated to reduce wildfire risk	હ	×
otation /	Policies to reduce water consumption – <i>degree of implementation of water consumption policies/practices</i>	6	
Adap	Residents with 72-hour emergency preparedness kits – proportion of residents with 72- hour emergency preparedness kits	٣ .	\otimes
	Water loss detection practices – <i>degree of implementation of specified water loss detection practices</i>	6	M
	Water protection plans – <i>consideration of projected climate changes in water planning documents</i>	6	X
	Area farmed – annual number of hectares being farmed	5	U
	Agricultural productivity – ratio of agricultural outputs to inputs (in market value)	5	\otimes
	Campfire bans – annual number of days under a campfire ban	જ	\otimes
nes	Cost of fire suppression – total amount of money spent on fire suppression annually	હ	₽Ţ
Outcol	Developed properties in floodplain – <i>number of developed properties in known and active floodplains</i>		\otimes
ptation	Drinking water quality – annual length of drinking water advisories or boil water notices	٢	U
s & Ada	Highway closures – number (per year) and/or duration (hours) of highway closures due to wildfire, flooding or weather	🄹 🏠 🕹	Ŧ
npact	Frequency of interface fires – annual number of wildfires within 2 km	ર્સ	₽Ţ
Community Impacts & Adaptation Outcome	Implementation of water restrictions – number of days annually where water restrictions are active	٢	\otimes
Comm	Per capita water consumption – annual volume of total water supplied, expressed per capita	٢	Ŧ
	Provincial emergency assistance payments – amount paid to local government for clean up related to landslides, avalanches, snow, wind or freezing rain	****	0
	Water loss – percentage of water supplied annually that is lost to leakage	١	Ŧ
	Wildfire evacuation orders – number of evacuation orders due to the threat of wildfire	રુ	\otimes

