Plan2Adapt is Updated!

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FPInnovations Webinar

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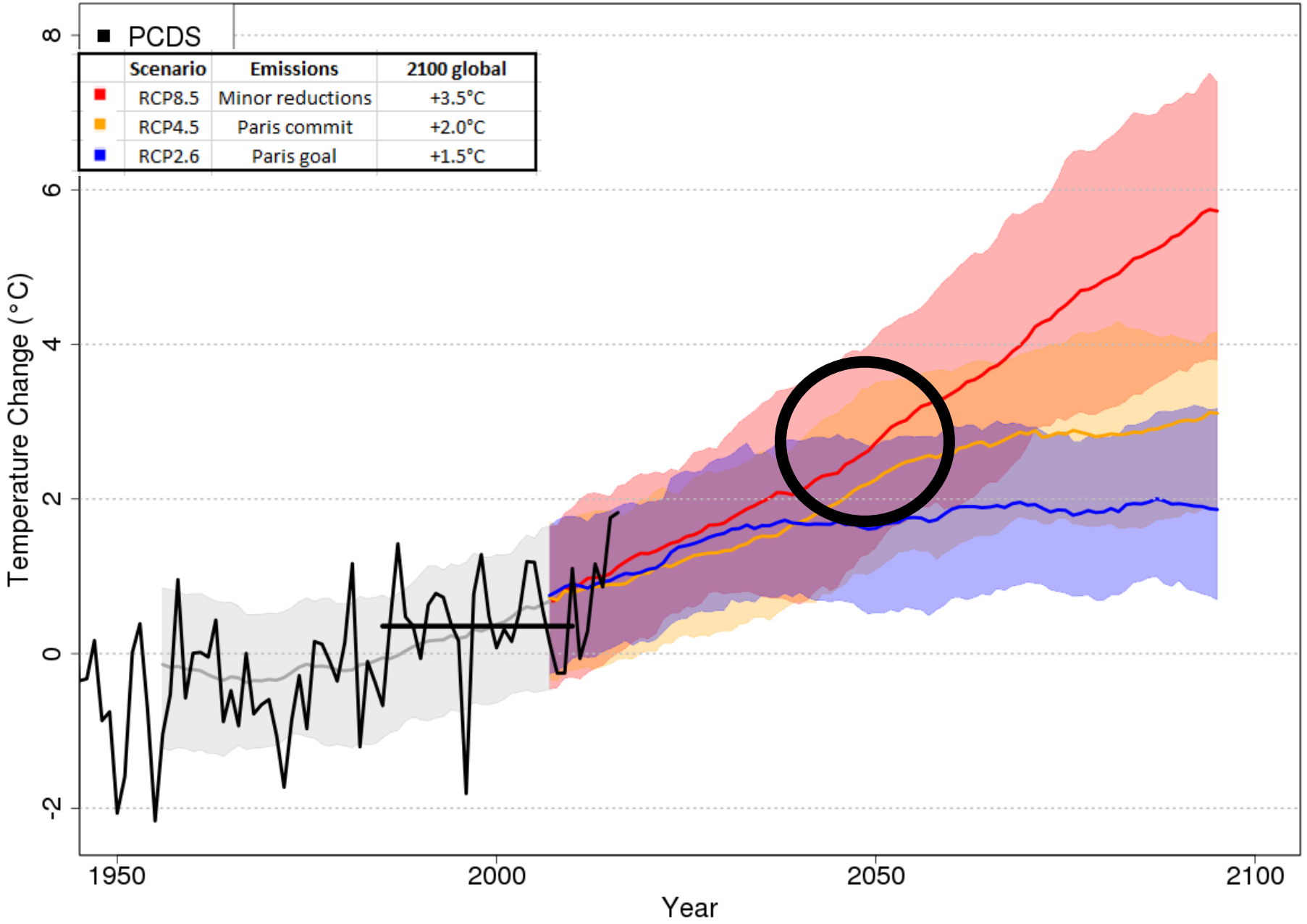
Updated Plan2Adapt

https://pacificclimate.org/analysis-tools/plan2adapt

Simpler & more user friendly than Climate Explorer:

- Fewer variables available
- Pre-defined regions
- Output from multiple models
- Uses RCP 8.5

Future Warming in BC



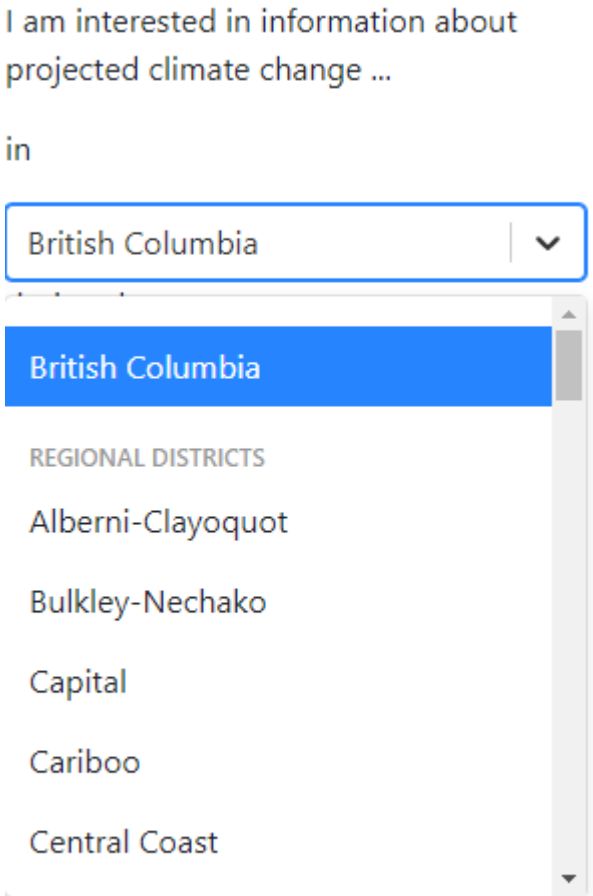
Features of Plan2Adapt

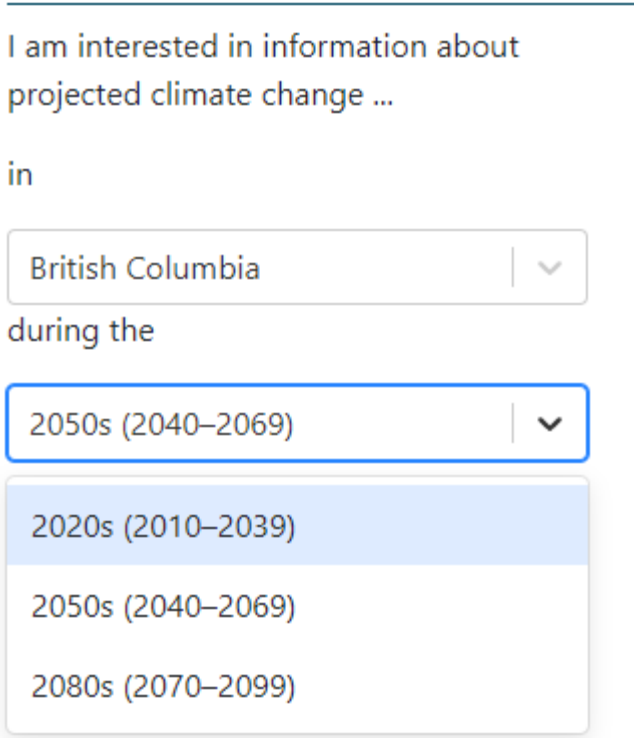
Features;

- Summary table
- Impacts Tab
- Maps
- Graphs (coming soon!)

Features;

- Defined regions; regional districts, health authorities, ecoprovinces
- Choose from; 2020s, 2050s and 2080s time period





PACIFIC CLIMATE IMPACTS CONSORTIUM PLAN2ADAPT

I am interested in information about projected climate change ...

in

Kootenay Boundary

during the

2050s (2040–2069)

Summary | Impacts | Maps | Graphs | Notes | References | About

The table below shows projected changes in average (mean) temperature, precipitation and several derived climate variables from the baseline historical period (1961-1990) to the 2050s (2040-2069) for the Kootenay Boundary region. The ensemble median is a mid-point value, chosen from a PCIC standard set of Global Climate Model (GCM) projections (see the 'Notes' tab for more information). The range values represent the lowest and highest results within the set.

Climate Variable	Season	Projected Change from 1961-1990 Baseline	
		Ensemble Median	Range (10th to 90th percentile)
Temperature* (°C)	Annual	+3.2 °C	+2.1 °C to +4.4 °C
Precipitation (%)	Annual	+2.1%	-3.3% to +6.4%
	Summer	-5.2%	-39% to +5.1%
	Winter	+1.1%	-3.7% to +5.2%
Snowfall* (%)	Annual	-34%	-38% to -31%
	Fall	-48%	-59% to -39%
	Winter	-24%	-26% to -19%
	Spring	-58%	-72% to -47%
Growing Degree-Days* (degree days)	Annual	+584 degree days	+365 to +902 degree days
Heating Degree-Days* (degree days)	Annual	-1050 degree days	-1400 to -724 degree days
Frost-Free Days* (days)	Annual	+48 days	+36 to +69 days

* These values are derived from temperature and/or precipitation.

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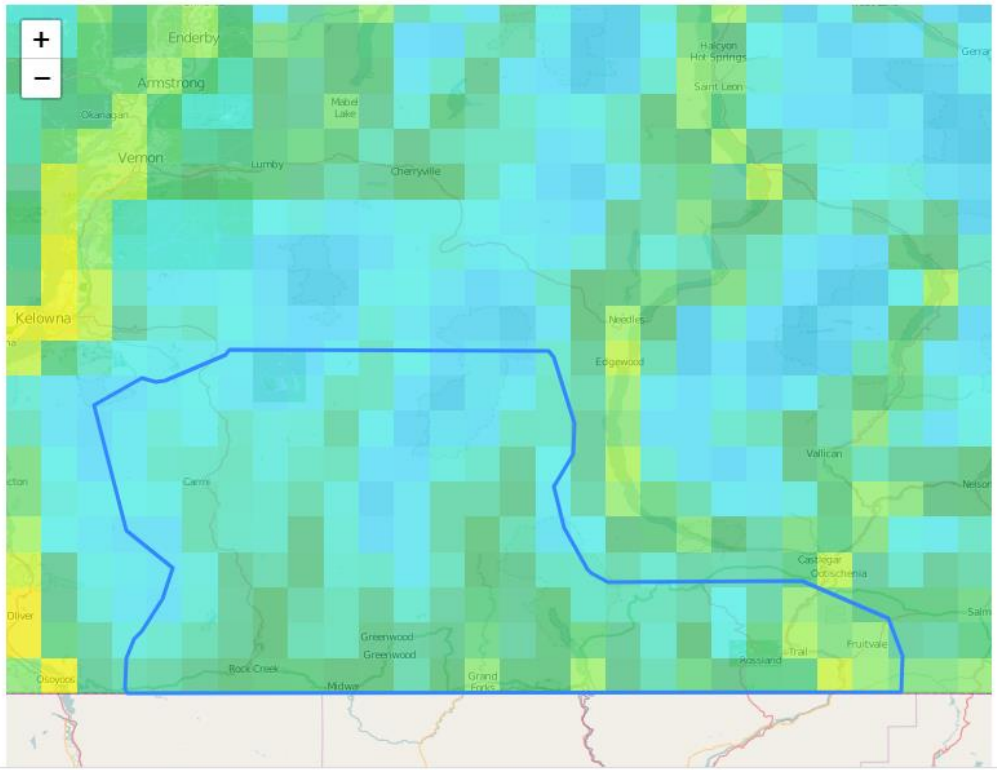
... with details about Frost-Free Days for a typical Annual period

Frost-Free Days* (days)

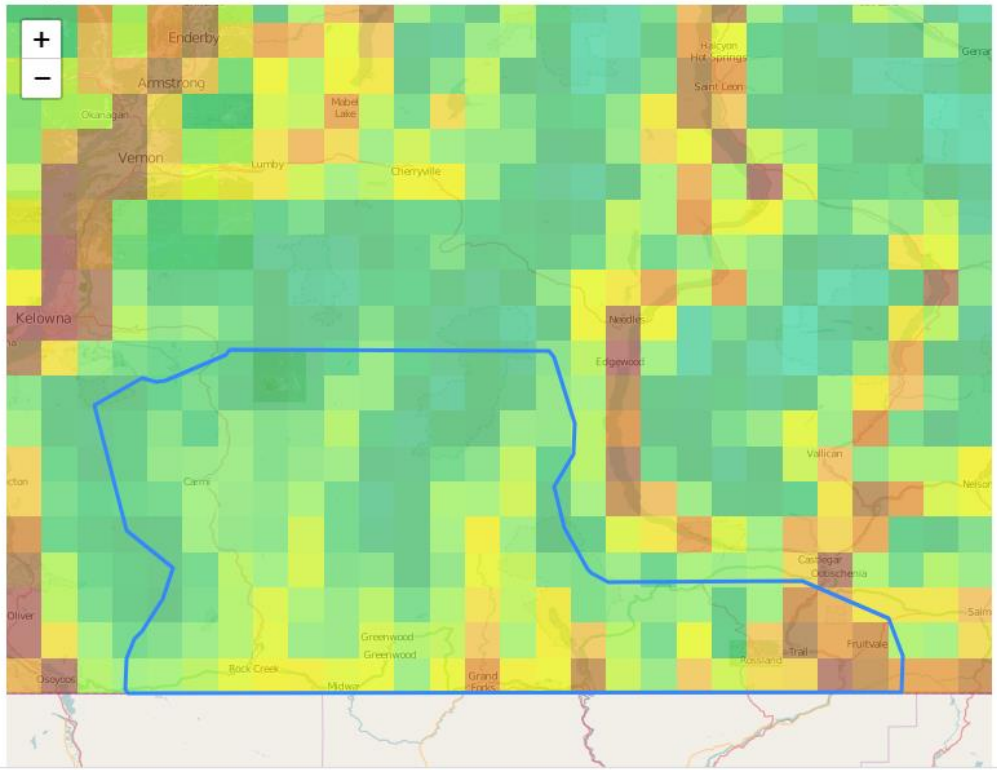
< 0 | 0 | 100 | 200 | 300 | 365 | > 366

This colour scale applies to both maps.

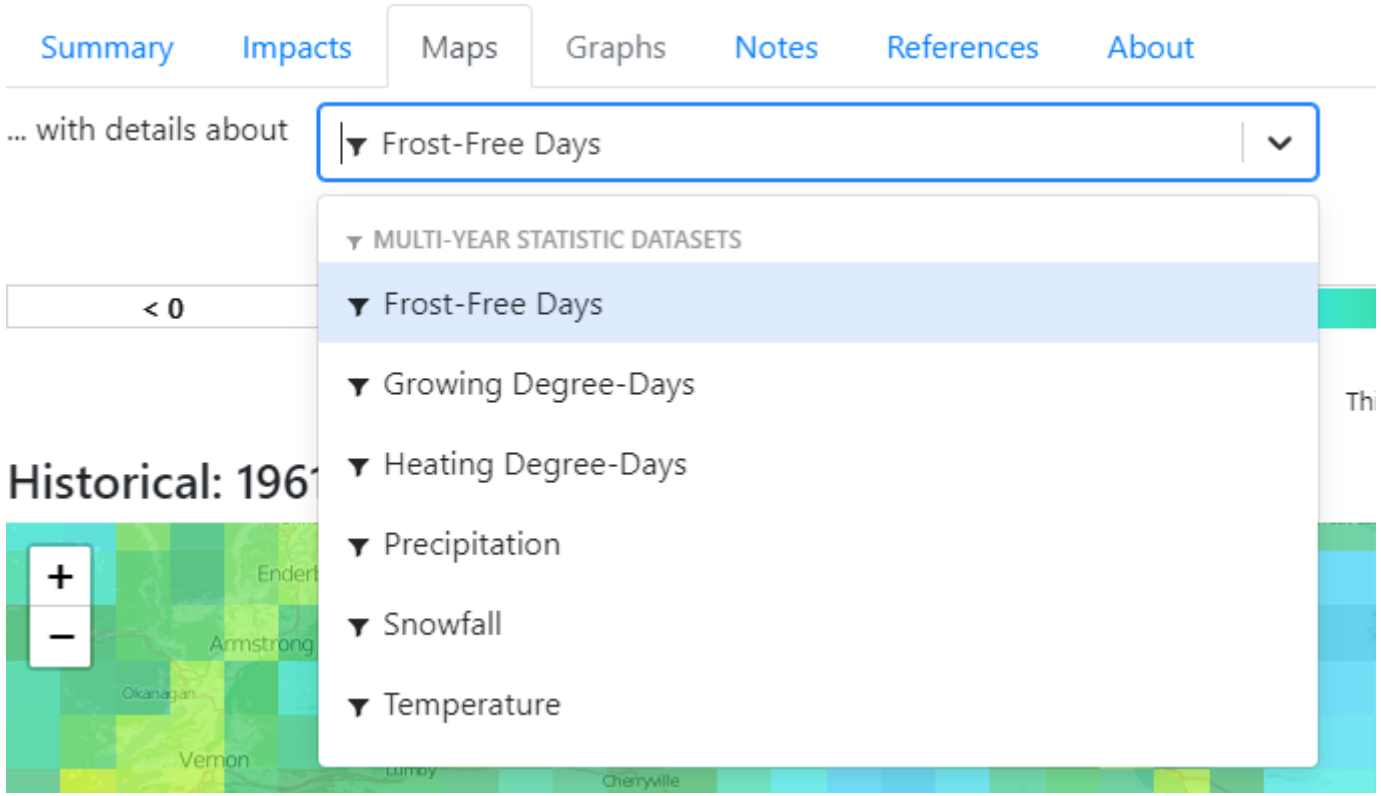
Historical: 1961-1990



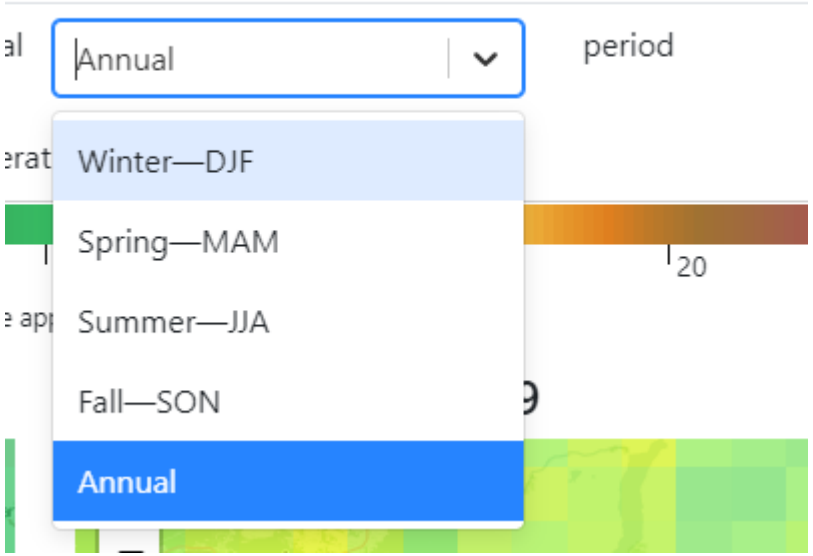
Projected: 2040-2069



Available variables:



Maps: Annual and Seasonal data



Questions?

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