



Willow Lake Metis Nation

Climate Change Experiences

Oct 29, 2020

Content

WLMN's Introduction to Climate Change

- ▶ Community Environment Action Grant Program
 - ▶ Traditional Food and Medicine Study
- ▶ Climate Change Work Shop
 - ▶ Outcomes and learnings
- ▶ Community Direction



Traditional Food and Medicine Study



Phase One: Assessment, Research & Design

- ▶ Development of Traditional Foods & Medicines surveys to document environments changes in WLMN harvesting areas,
- ▶ Partnership with Anzac School's Land Base Program; Traditional Plants Education and Field Identification

Phase Two & Three: Education, Adaption & Action Plan

- ▶ Group interviews to document Traditional Foods & Medicines impacts, abundance & distribution
- ▶ Workshops for WLMN Members: Climate Change Awareness & Adaptation Strategies
- ▶ Partnering with Anzac School's Land Based Learning program to design Youth Action Plan on GHG reduction, and food & medicine adaption strategies

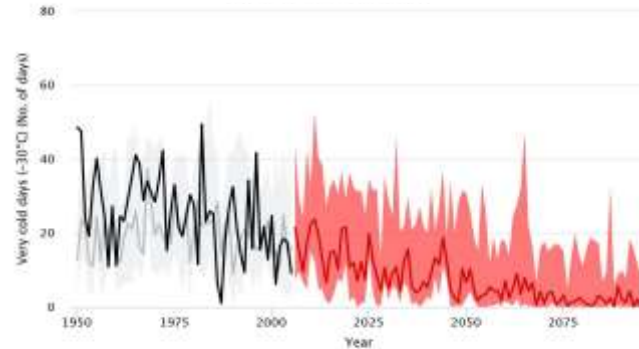
Phase Four : Communication & Information Sharing

- ▶ Study Shared with stakeholders
- ▶ Information sharing events with WLMN Members, Anzac School & with government & industry

Community Climate Change Workshop

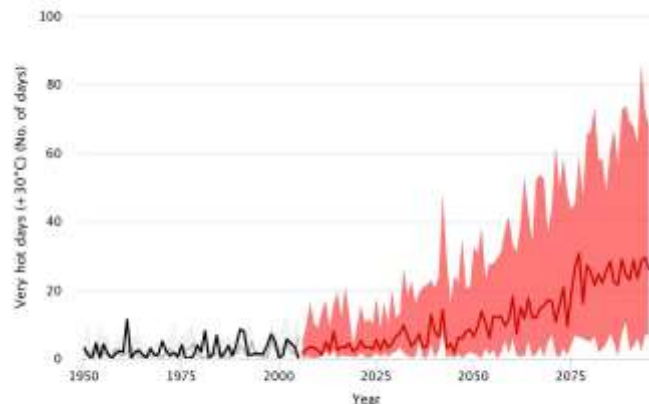
Very Cold Days (-30 C)

19.5°C | 9.0°C (2030s) | 3.7°C (2060s)



Very Hot Days (+30 C)

2.1°C | 5.7°C (2030s) | 15.1°C (2060s)



Content and Delivery

- ▶ 2 – ½ day workshops and a follow up townhall and information sharing post workshop report.
- ▶ Provided Community an intimate session on climate change 101 and an overview of various projections and data sources.

Positive Outcomes

- ▶ Communities input guided our organizations need to explore adaption strategies.
- ▶ Provide tangible outcomes for educating our community
- ▶ A base line developed and top 2 areas for community focus

Learnings

- ▶ Hard to decipher between Industry or Climate Impacts
- ▶ Varying levels of Climate Change understanding made it challenging to create a LEAP.

Community Direction

Exploring Two Adaption Strategies

1) Integrate Climate Change Adaption Plan with Cultural Connection.

Willow Lake Bison Project - Culturally reconnect our community and the region to the sacred animal that has always will been the corner stone of our rich Metis history.

2) Local Power Solutions

- Explore various options for local power supply



Willow Lake Métis Nation



Questions?