

Appendix 1. Cultural consensus survey agree/disagree propositions.

Proposition

Spring floods are less common now.

Break-up usually happens earlier.

Big break-ups don't happen as much now; the ice just melts out.

The rivers are shallower.

The number of sandbars in the river has not changed.

There is more erosion of the river banks.

Changing water levels make it more difficult to access fishing spots.

There is the same number of beaver here.

Beaver dams interfere with fish movement more now than they used to.

The presence of beavers does not affect water quality.

Summers are cooler.

During the summer, it tends to rain more.

The permafrost is thawing more.

Thawing permafrost affects the land, river banks and lake edges.

Lakes and sloughs are drying.

The river and lake water is colder.

It usually rains more in the fall.

Winters are warmer.

On average, there is less snowfall during the winter.

I have not noticed any changes in ice thickness on the lakes and rivers.

Overall, the ice is thinner on the lakes and rivers.

Fall freeze-up tends to happen later.

It is harder to predict the weather.

We catch more fish now that are diseased or deformed.

It is harder to know when fish will move.

I am able to harvest enough fish to meet my needs and the needs of others I share with.

The average size of fish I catch has not changed.

There are as many fish in our waterways.

Climate change is affecting the way we live.