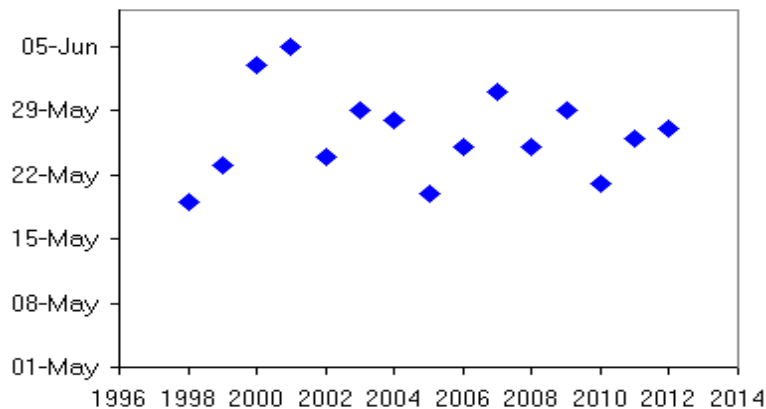


Break-up date of Peel River at Aklavik



Data source: Hamlet of Aklavik

What is happening?

- This graph shows that during the last 14 years the average date of spring break-up has been about May 27. The earliest date was May 19th and the latest date was June 5th. There is no obvious pattern in this short-term record. The date of break-up in 2012 was May 27th.

Why is it happening?

- The timing of spring break-up is related to weather conditions in the river basin and should reflect long-term changes in climate.

Why is it important?

- The date of spring break-up provides useful information of how weather conditions can vary between years in a particular watershed. Temperatures and snow depth both influence the thickness of ice cover while the timing of warm weather in spring affects the timing of break-up.
- The timing of break-up affects travel (by people and animals) along river corridors.

Technical Notes

- The data presented here were obtained from Dean McLeod at the Hamlet of Aklavik. The Hamlet has organized a community ice pool each spring to guess the date and time when a marker fixed offshore on the ice will move down river past an observation marker (about 1/3 km down river near the "Point").

Links

- [Spring break-up at Old Crow](#)
- [Peel River ice bridge](#)

Data added: March 11, 2013