



Changing fire behaviour: Impacts for NWT communities

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Photo credit: GNWT ENR

Climate warming is intensifying fire activity

2014

Forest fires rage across the Northwest Territories

SAHAR FATIMA

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This article was published more than 9 years ago. Some information may no longer be current.



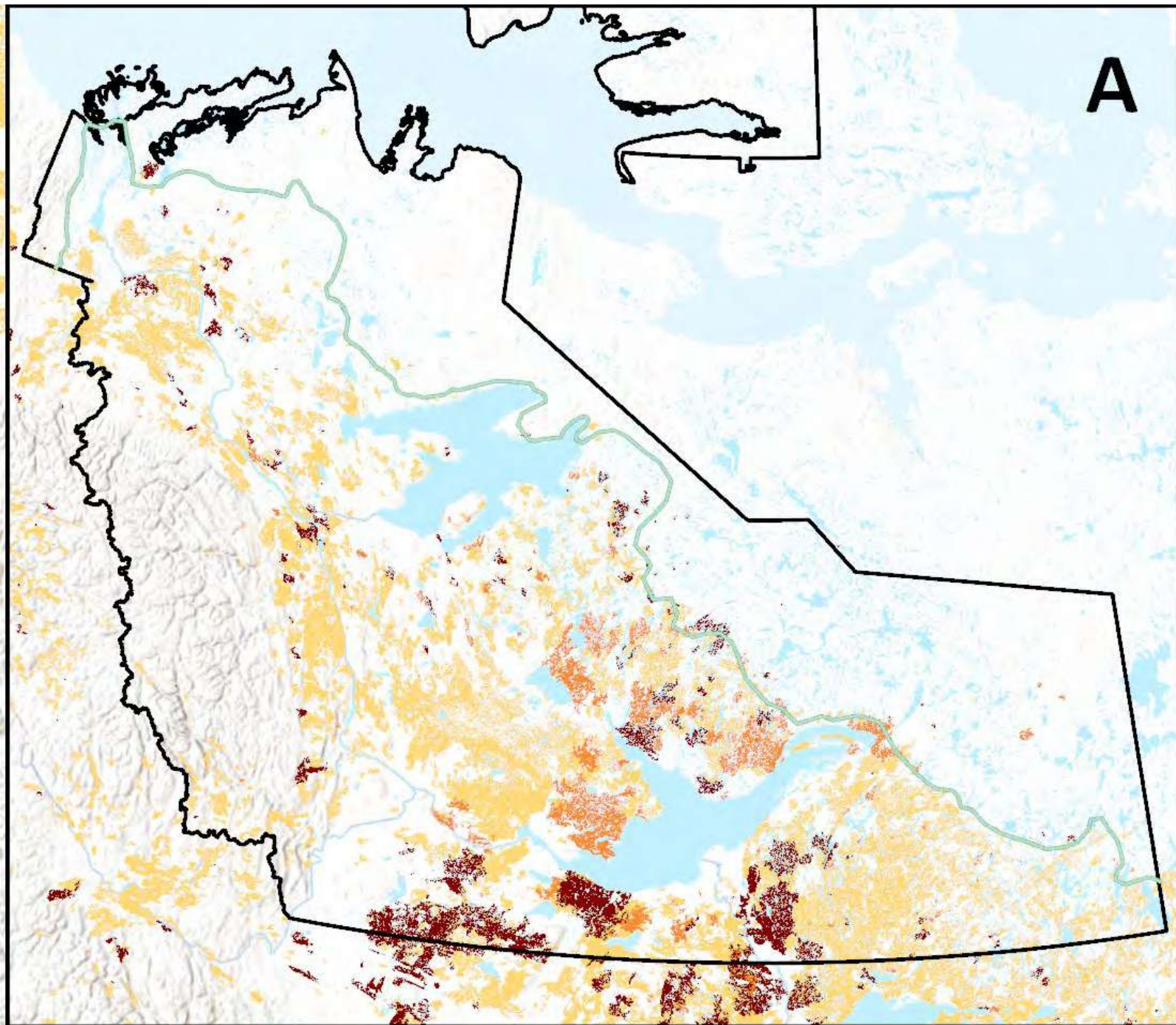
2023

Area burned by wildfires surpasses NWT's 2014 record

Emily Blake · September 2, 2023



The Hux River from a highway in an updated photo. Photo: Town of Hux River



- Lakes
- 2023 fires
- 2014 fires
- Fire history

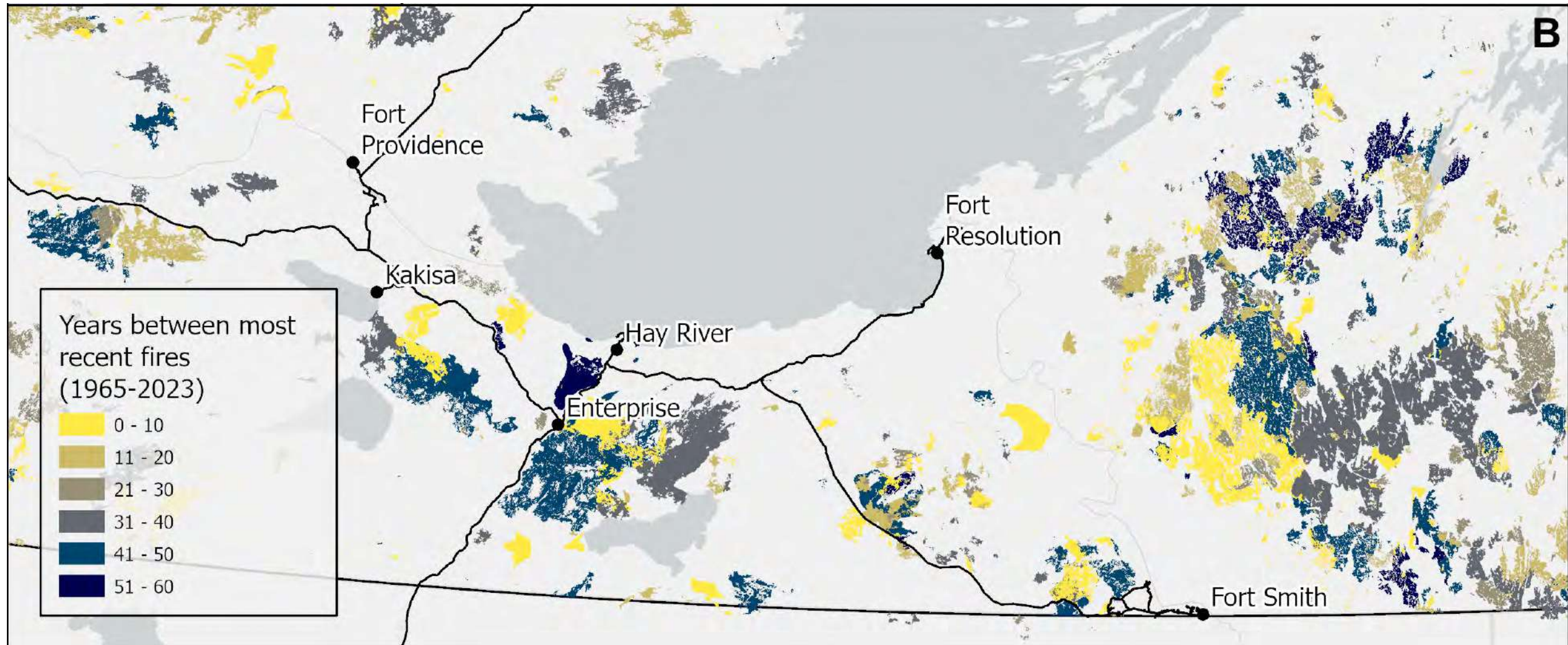




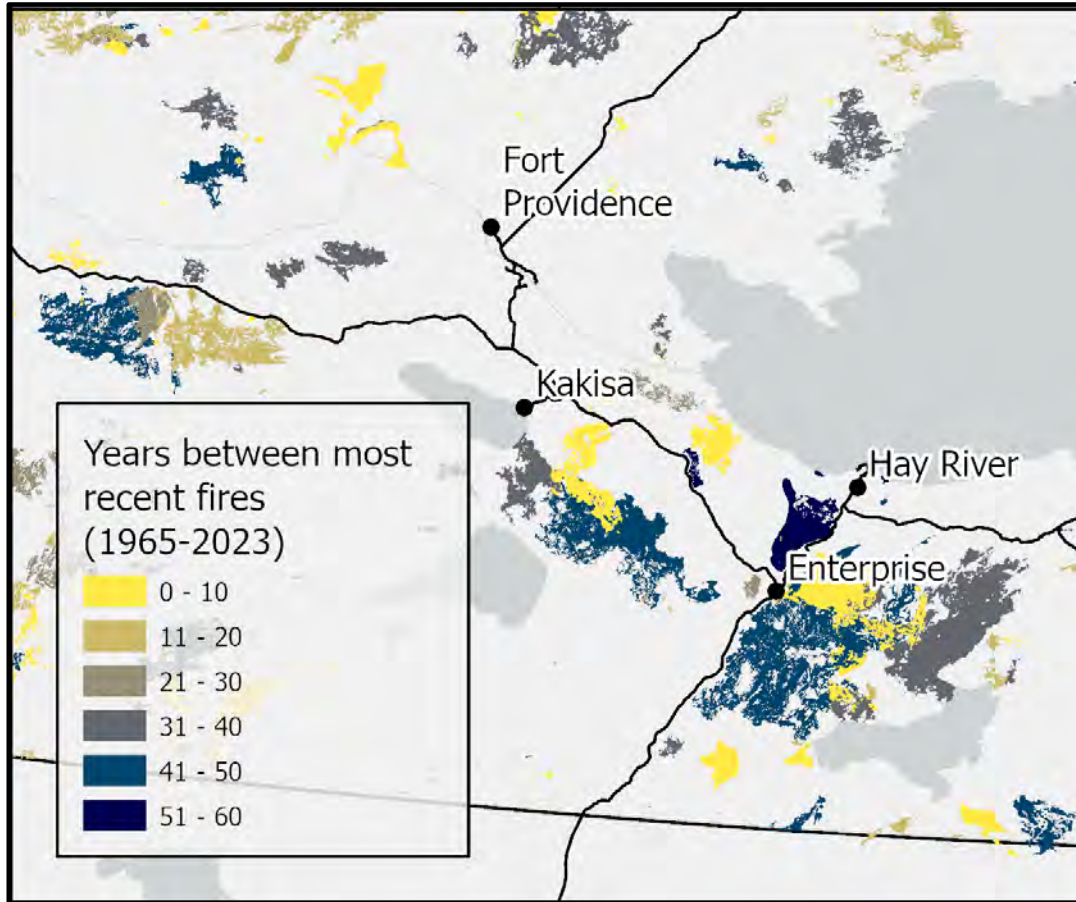
More fast-moving fires and less predictable winds can bring new challenges for community safety, wildlife populations.
Are fast-moving fires more likely to be carried across less flammable landscapes?

Short-interval reburning

10% of 2023 burned area < 20 years old



Short-interval, high intensity reburns can create challenges



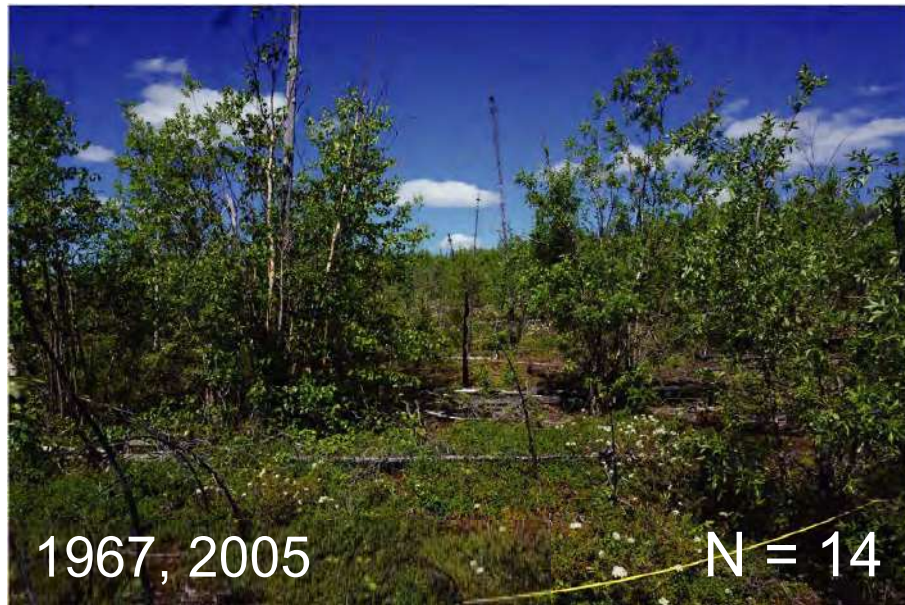
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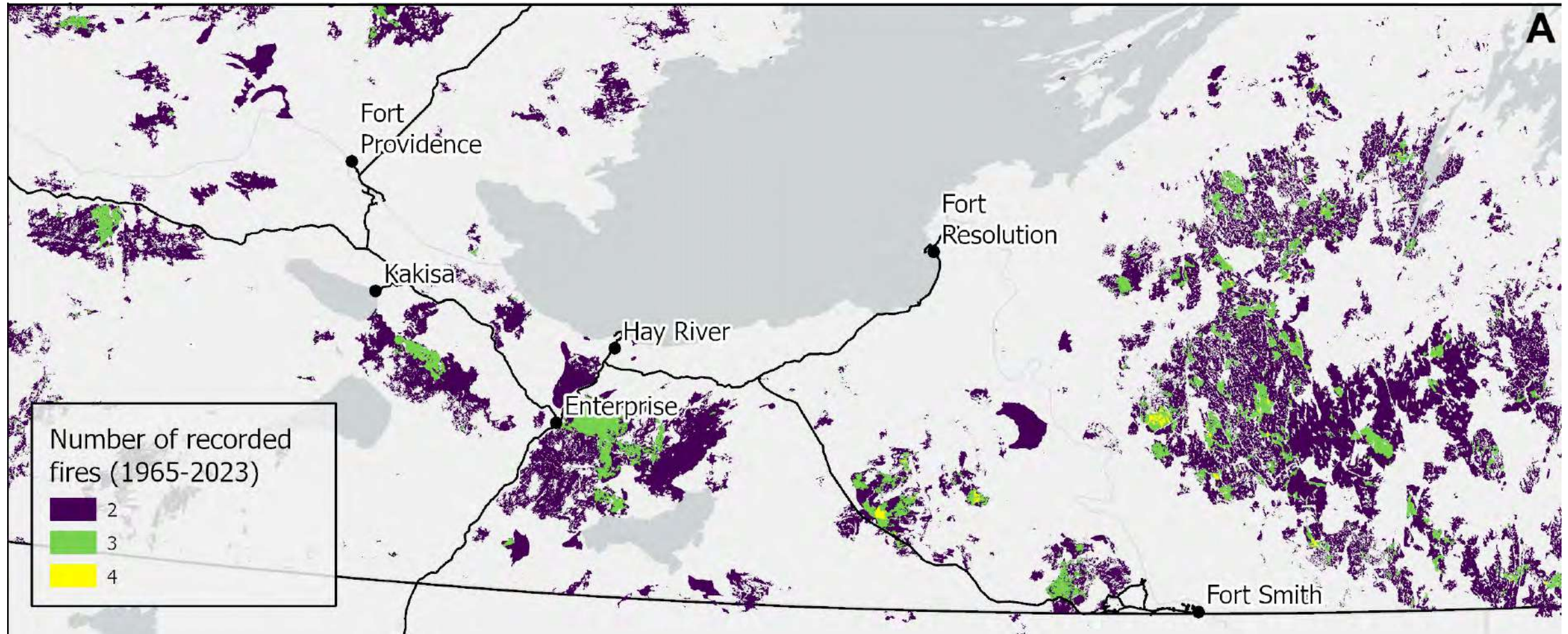


C.

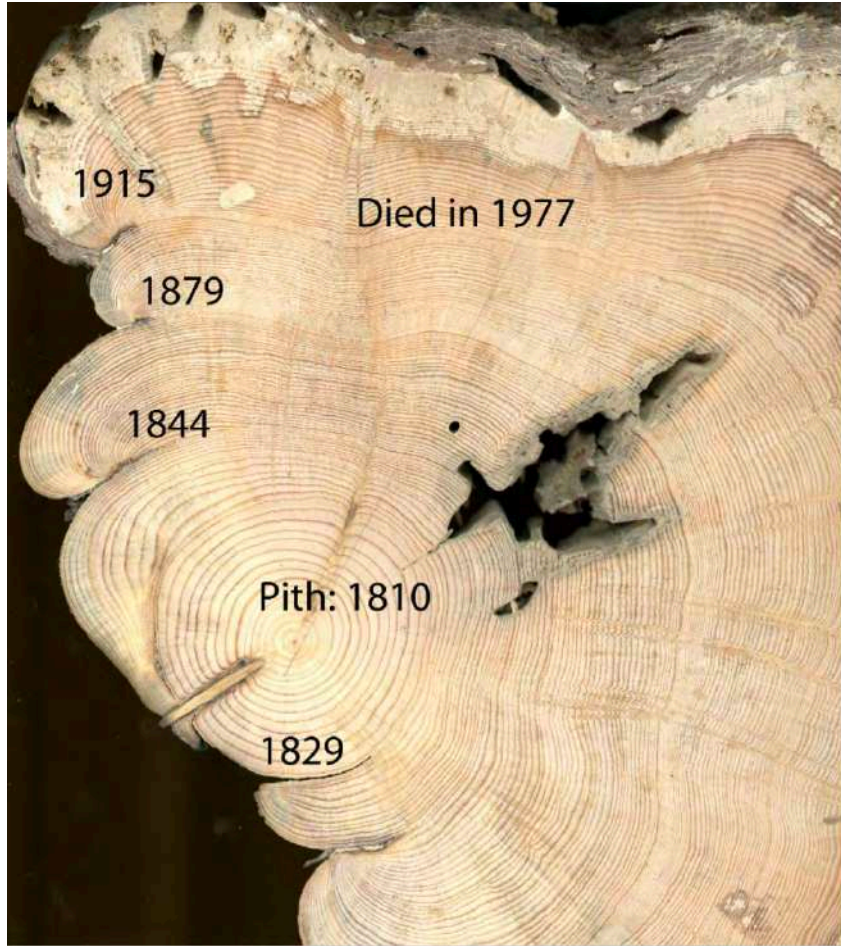


D.





But they are not all like this...



Other less flammable landscapes burning too



Lengthening fire season



Overwintering fire (Photo credit: GNWT ECC)

Spring fire in aspen from Burton (2013) Global Change Biology

Photo
credit:
GNWT ECC





Mahsi! Thank you!

