SWOT Validation in North American Boreal Lakes

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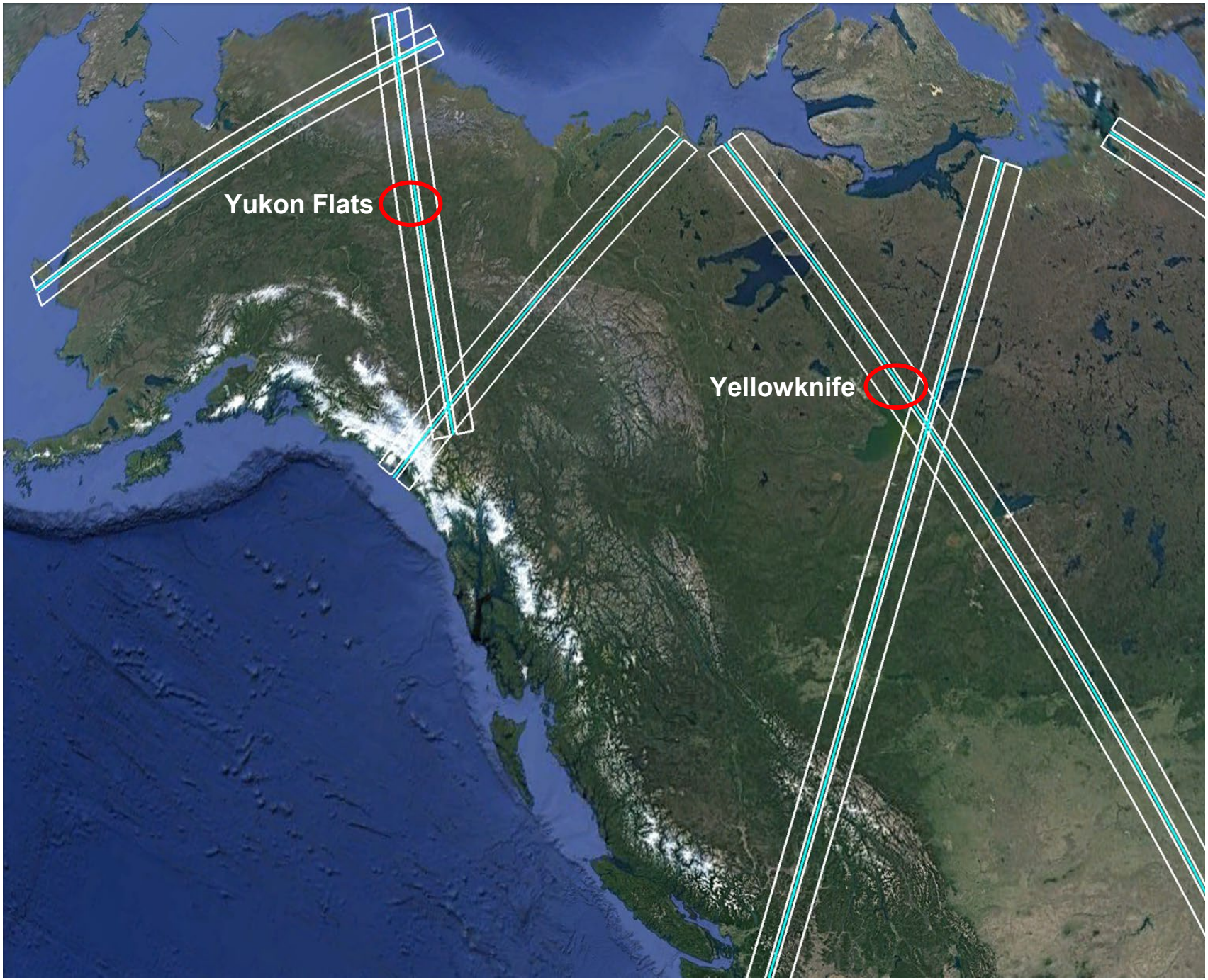
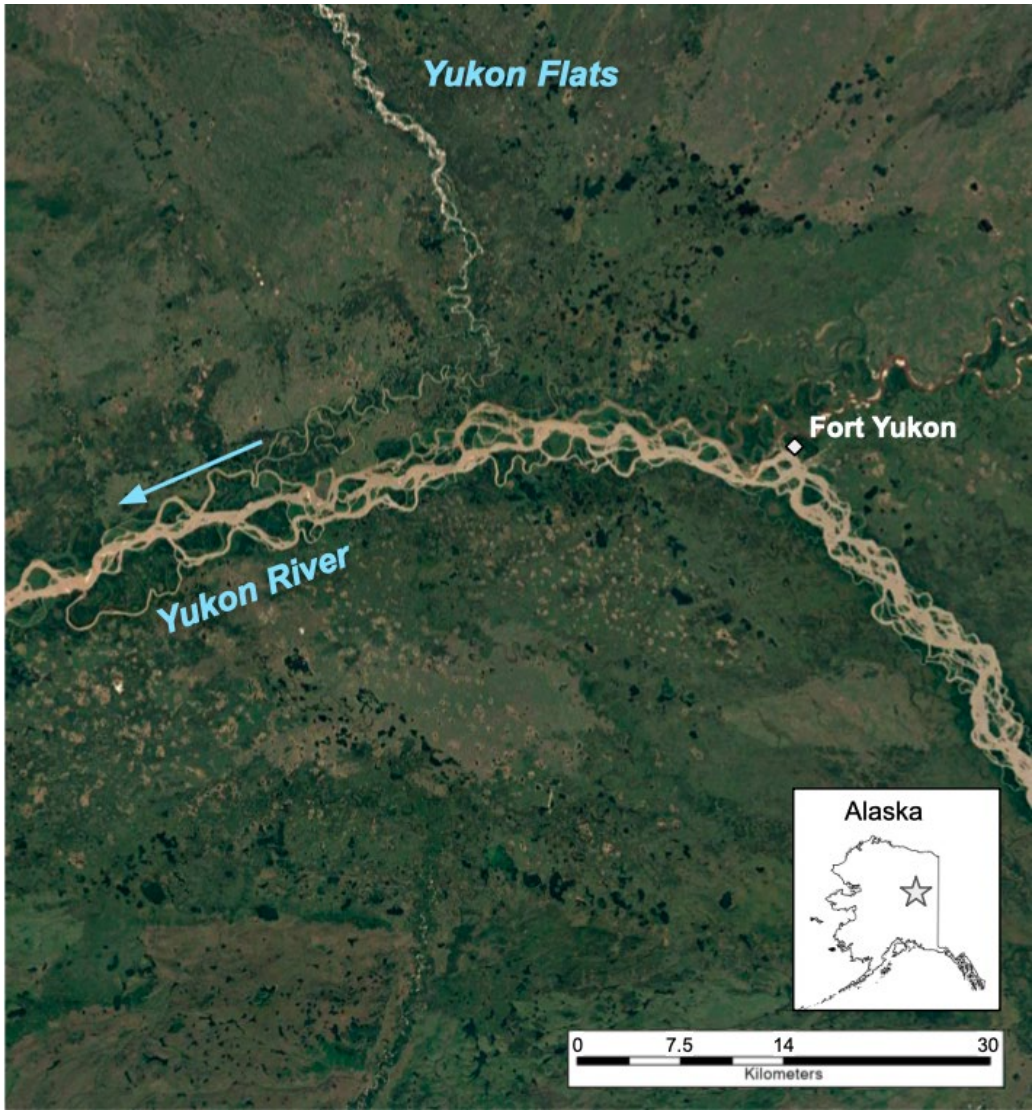
Why Boreal Lakes?

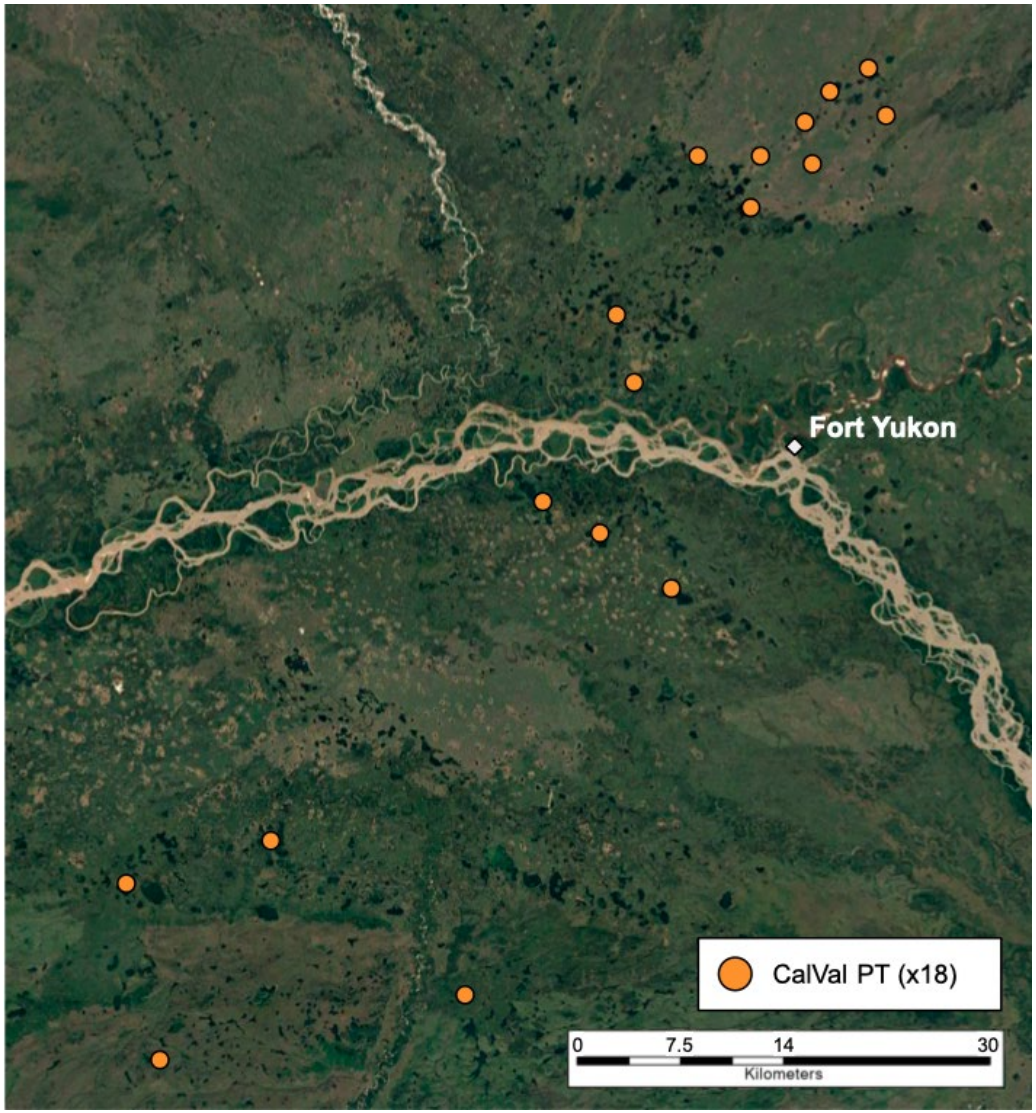
- Most lakes globally are north of 50 N
- Two key types of boreal lakes:
  - Wetland lakes in permafrost-affected areas
  - Canadian Shield lakes
- Boreal lakes affected by ice for much of the year


Yukon Flats
Yellowknife

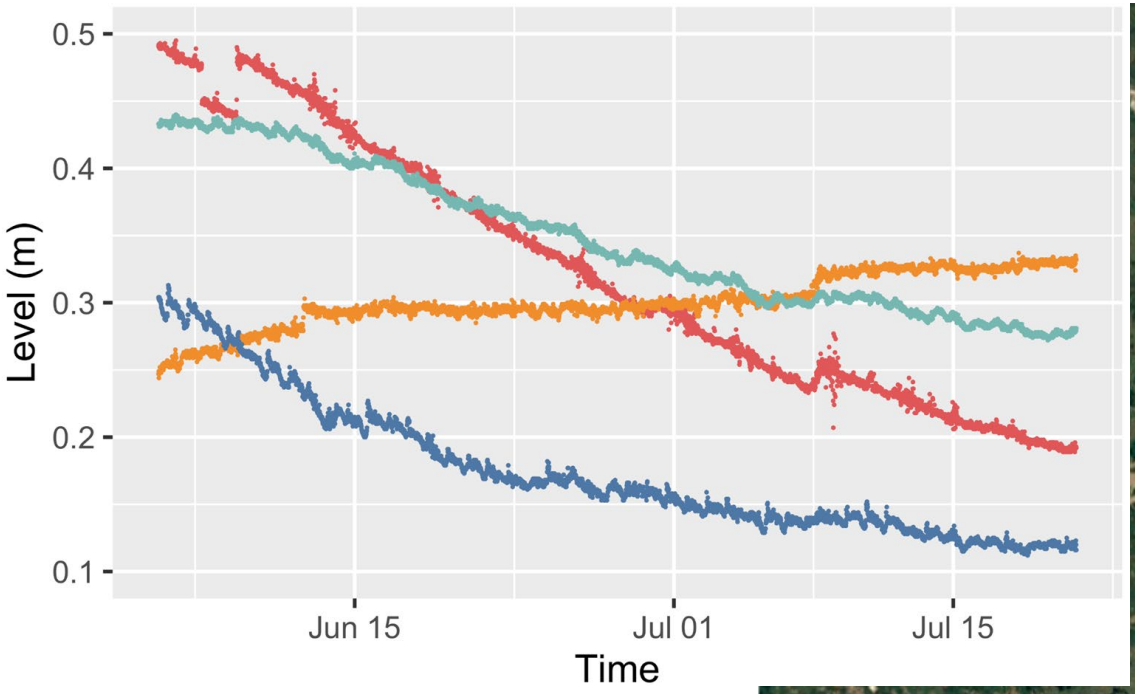
Yukon Flats, Alaska

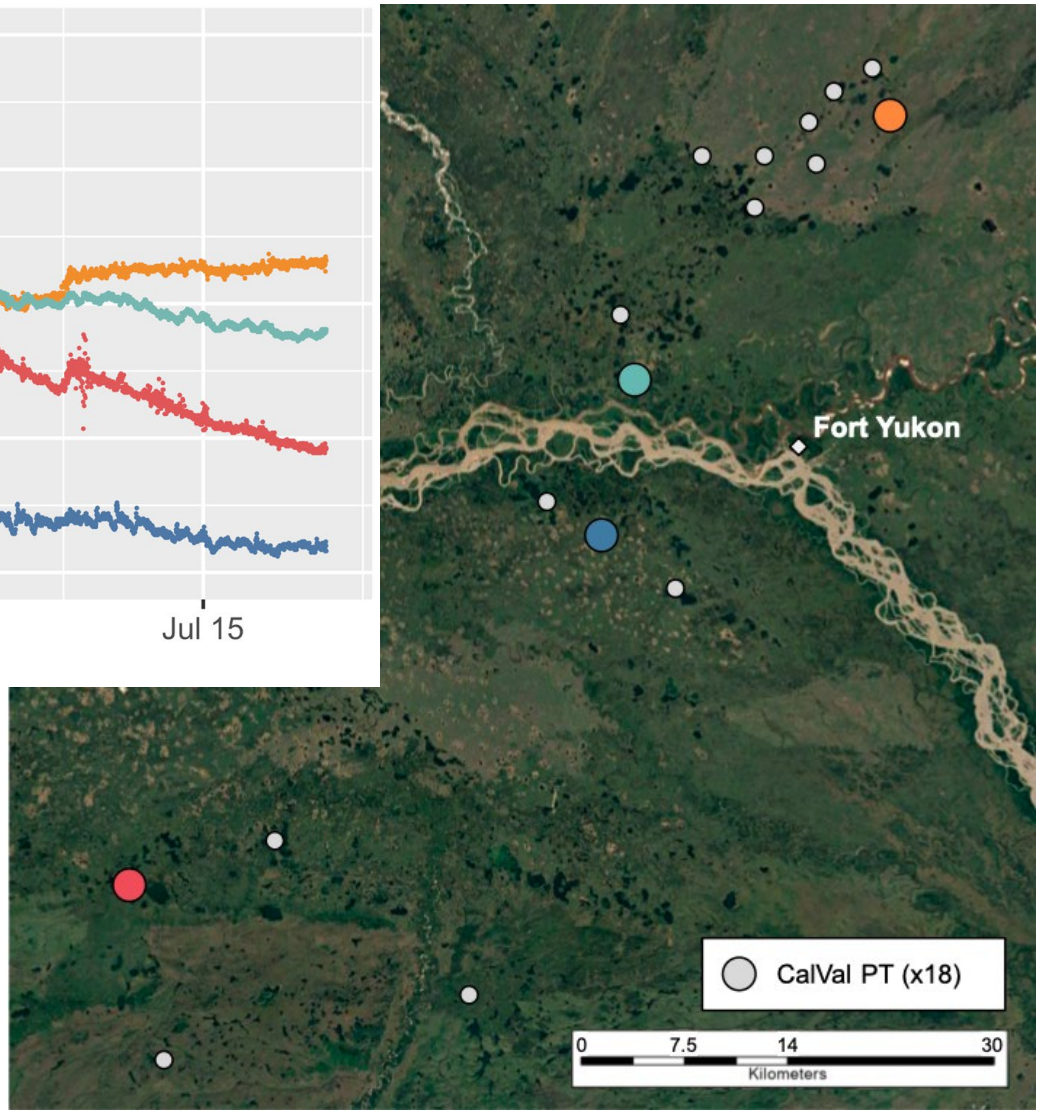


Yukon Flats, Alaska



Yukon Flats, Alaska

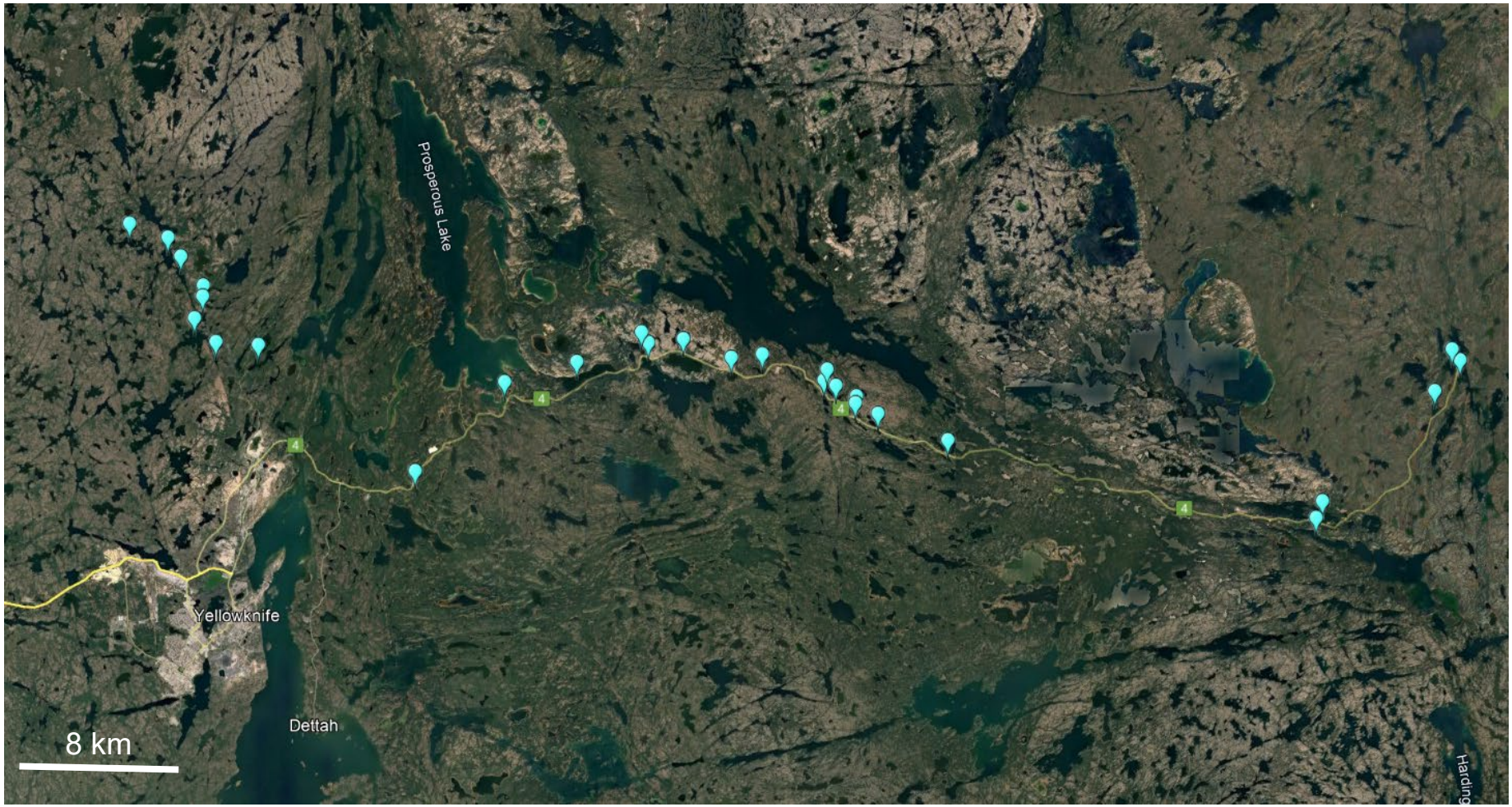




17 lakes with water level measurements from early June through late August.

Yellowknife Lakes

30 lakes surveyed over 2 days in partnership with ECCC



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