

Summary of the Northern Swing

Taylor Rowley

On behalf of the US SWOT Inland Hydrology CalVal Team



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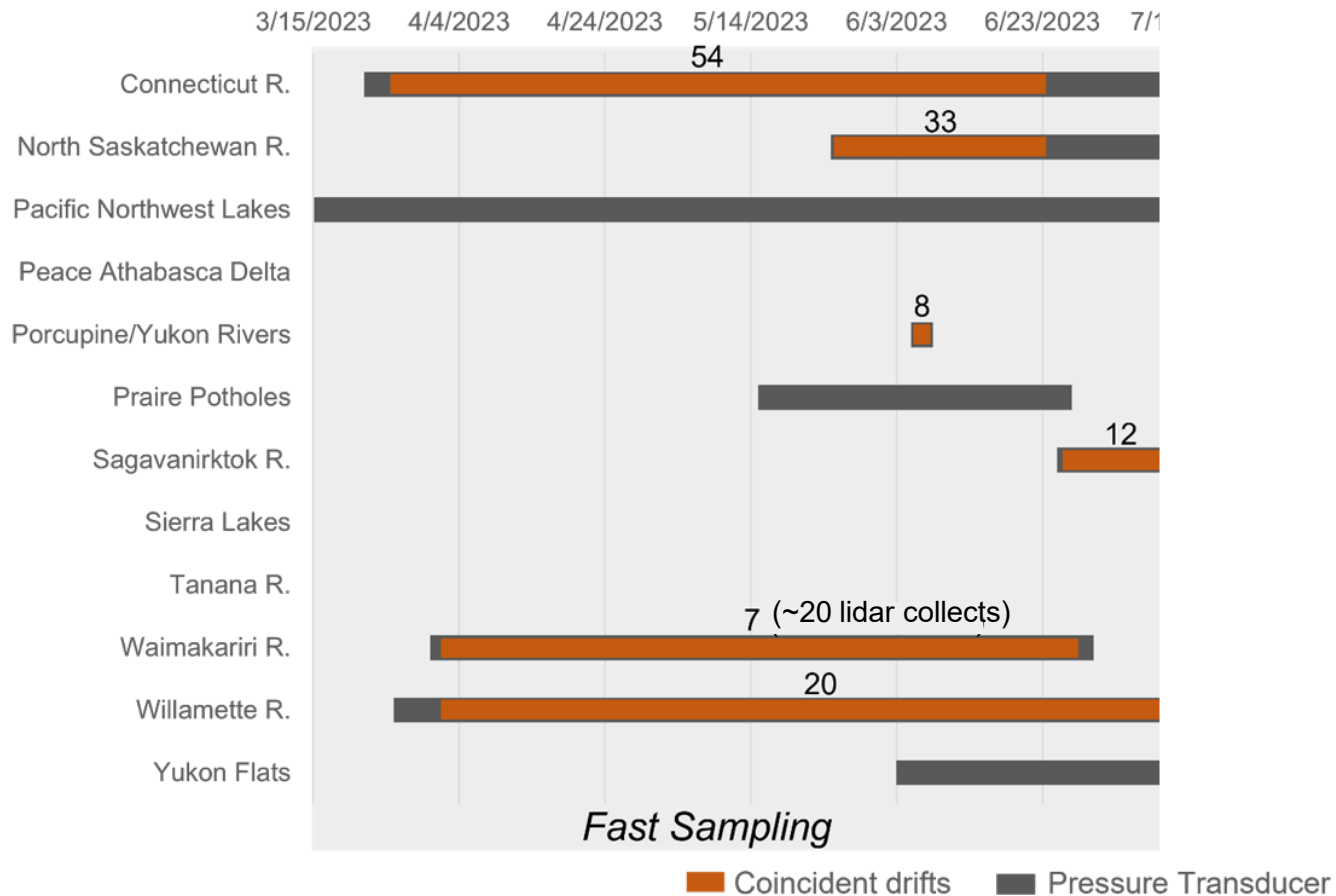


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Why the Northern Swing?



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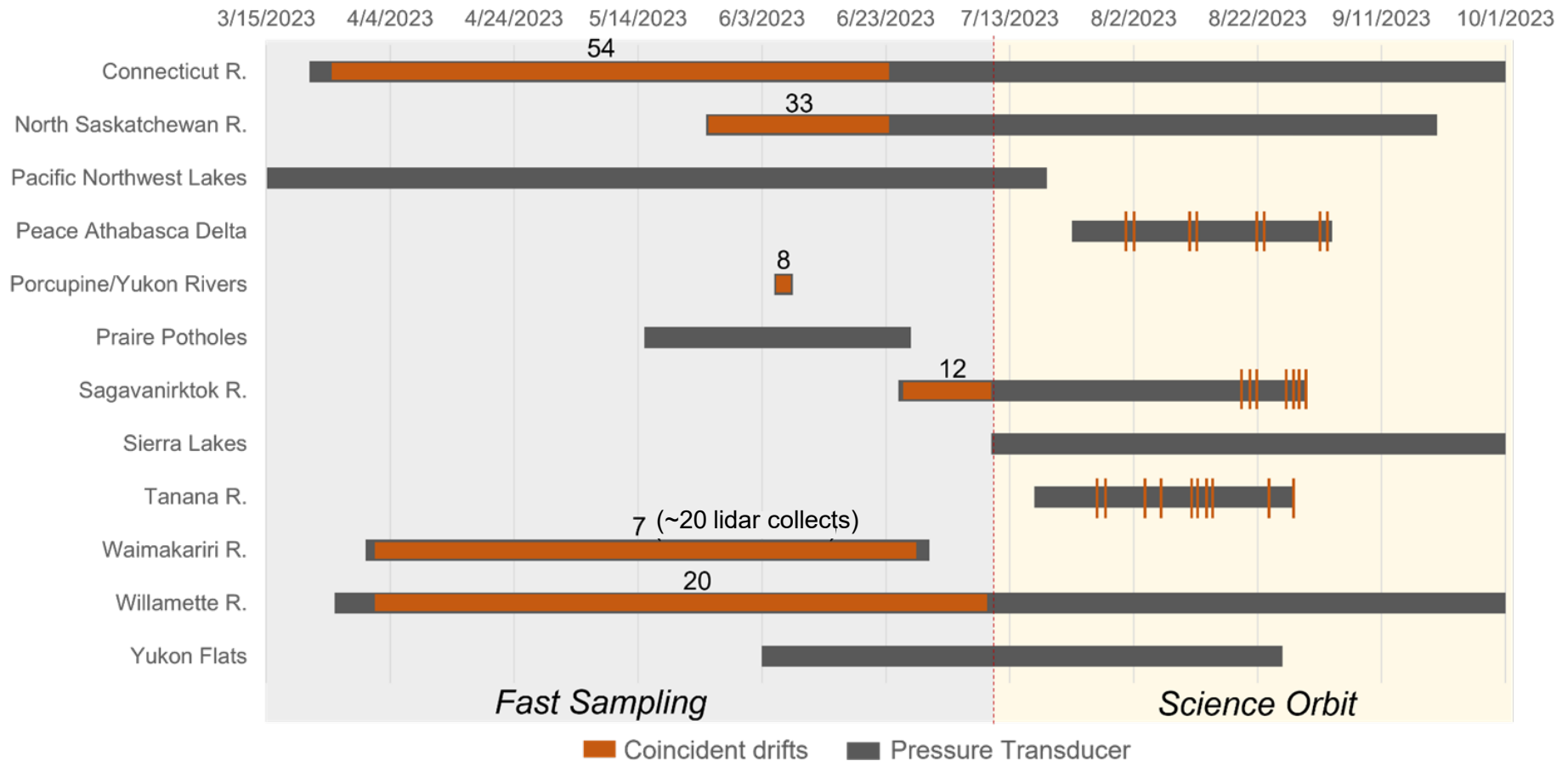


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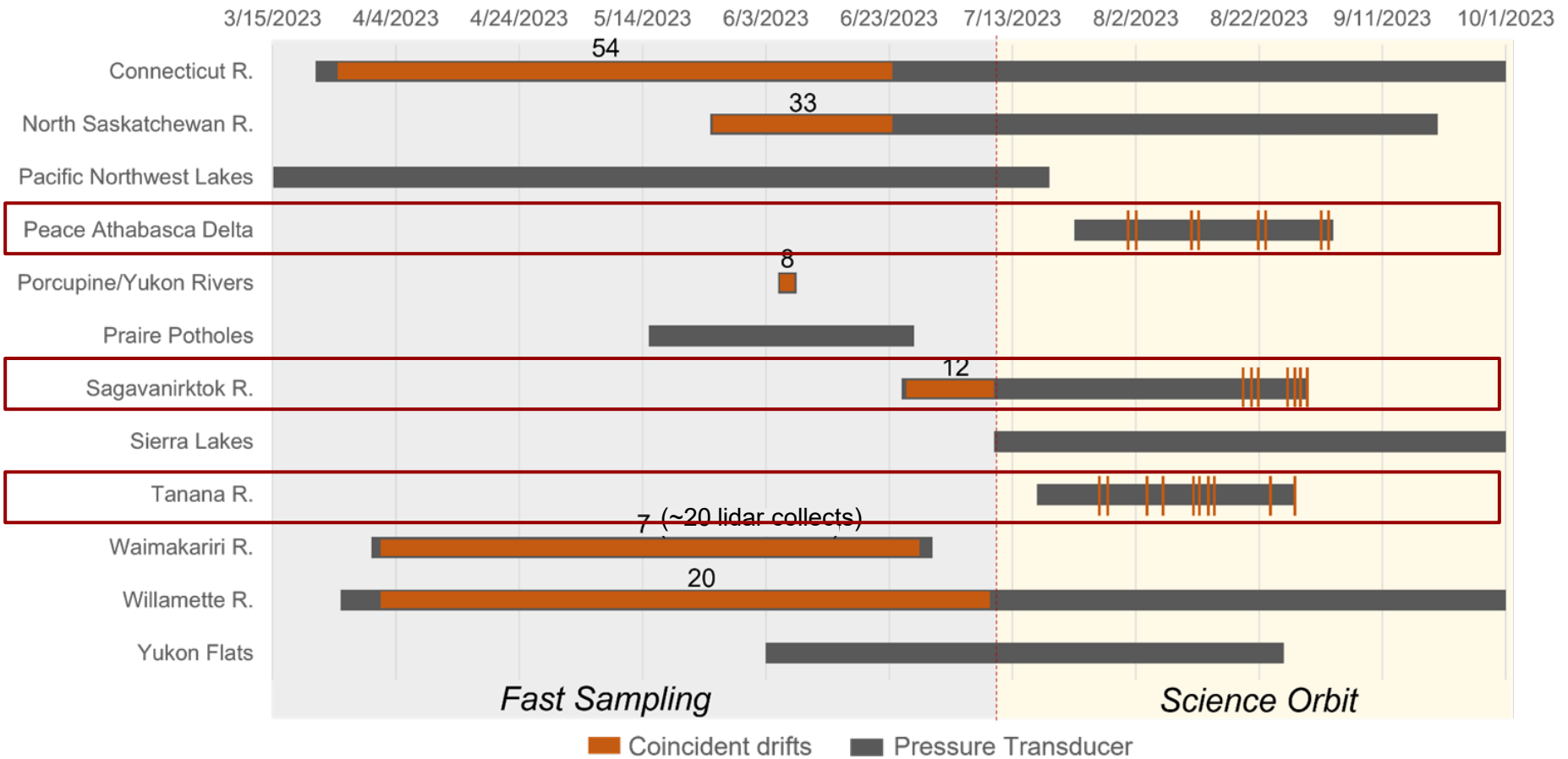


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Focus Northern Swing Sites



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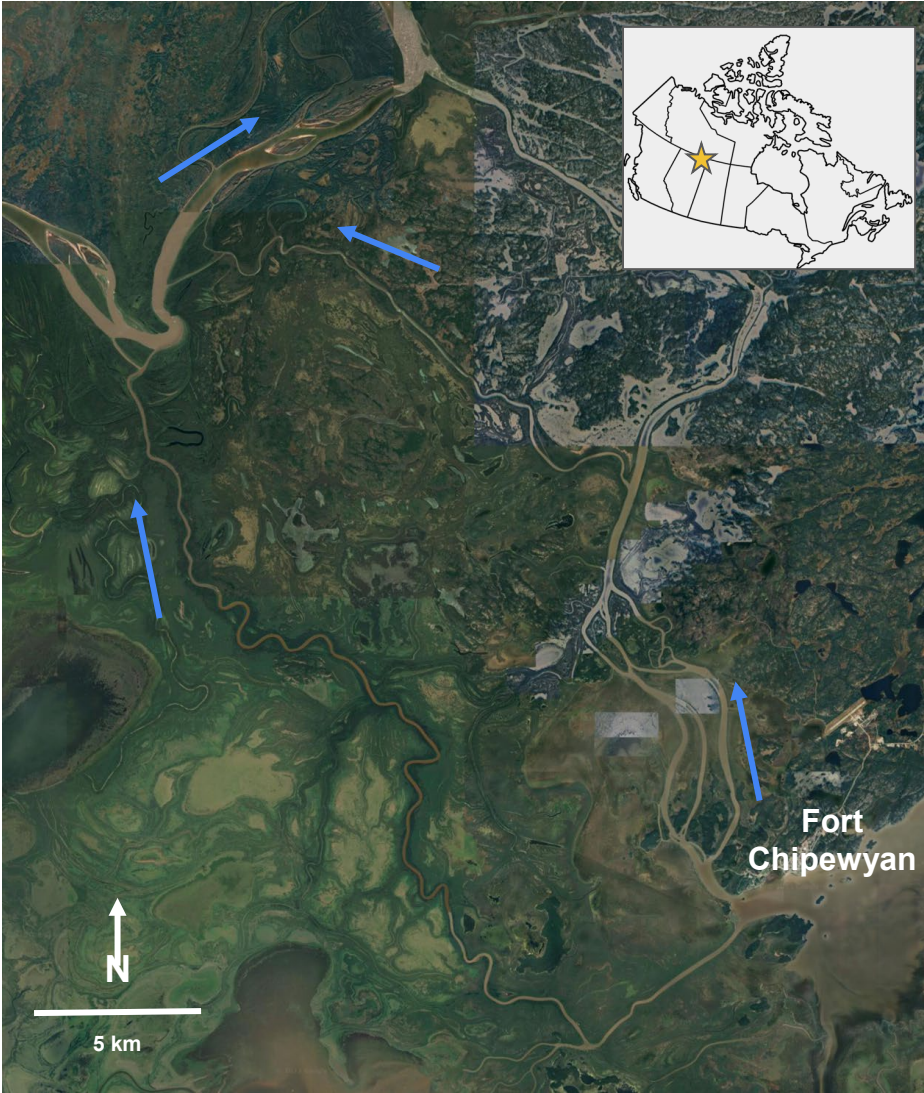


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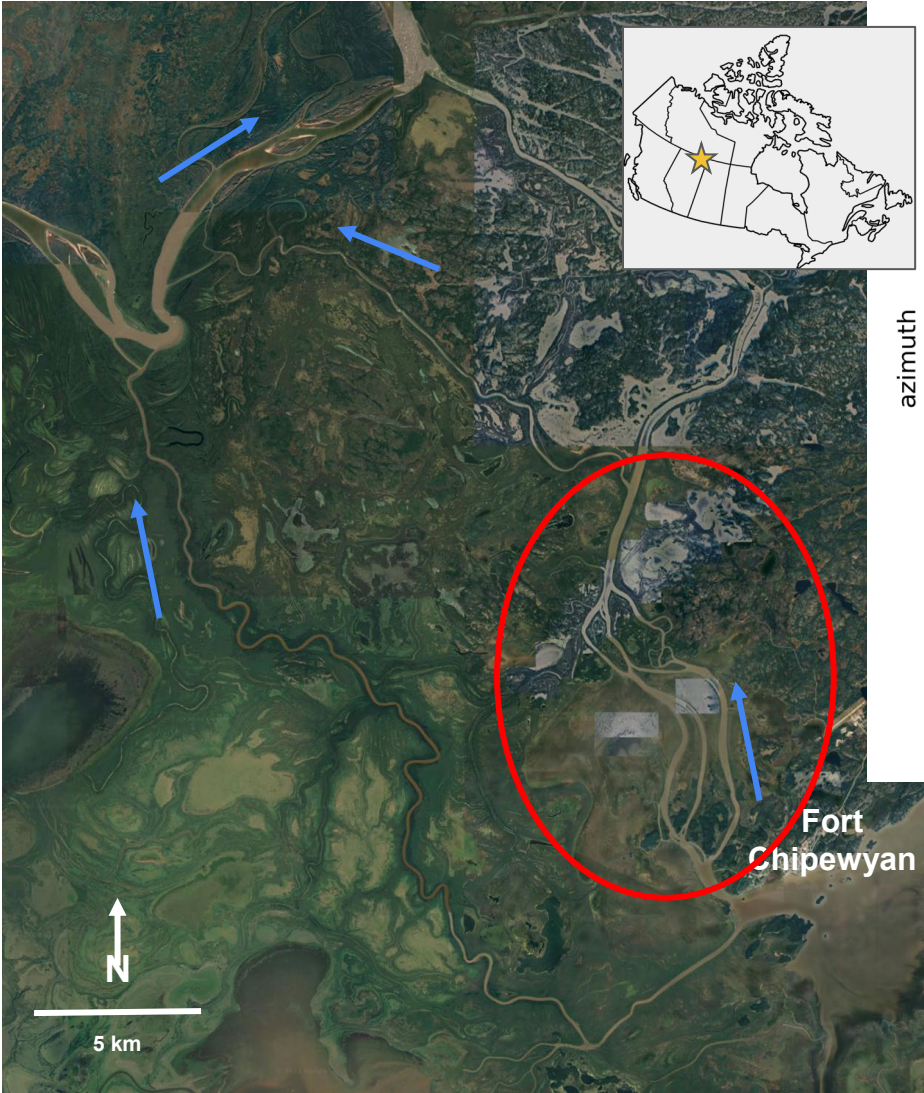


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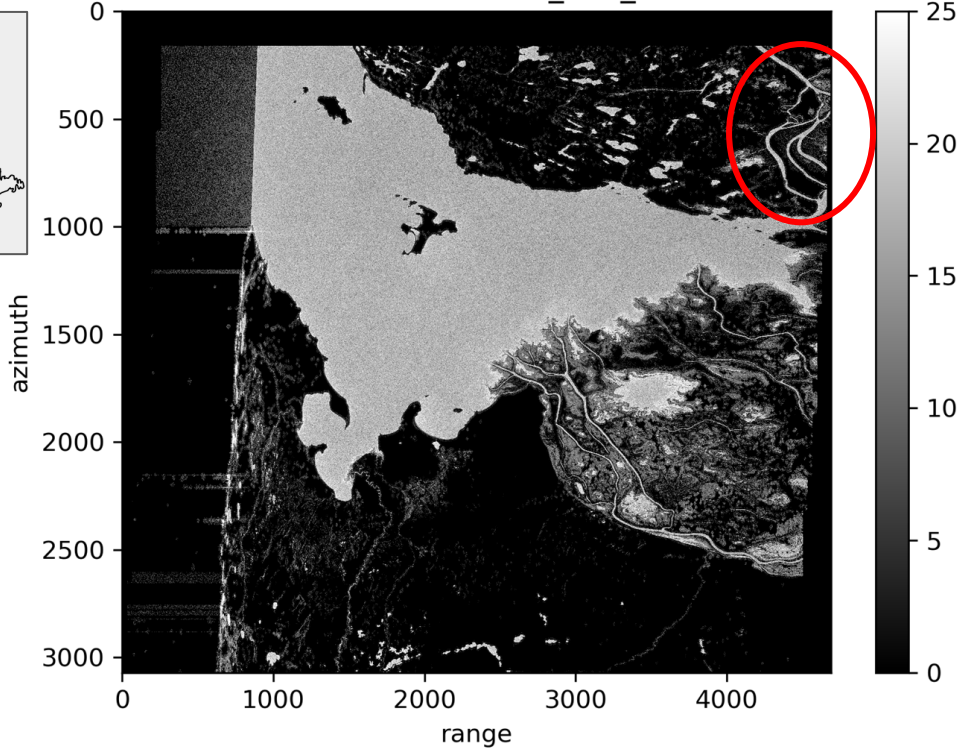
Peace Athabasca Delta (PAD)



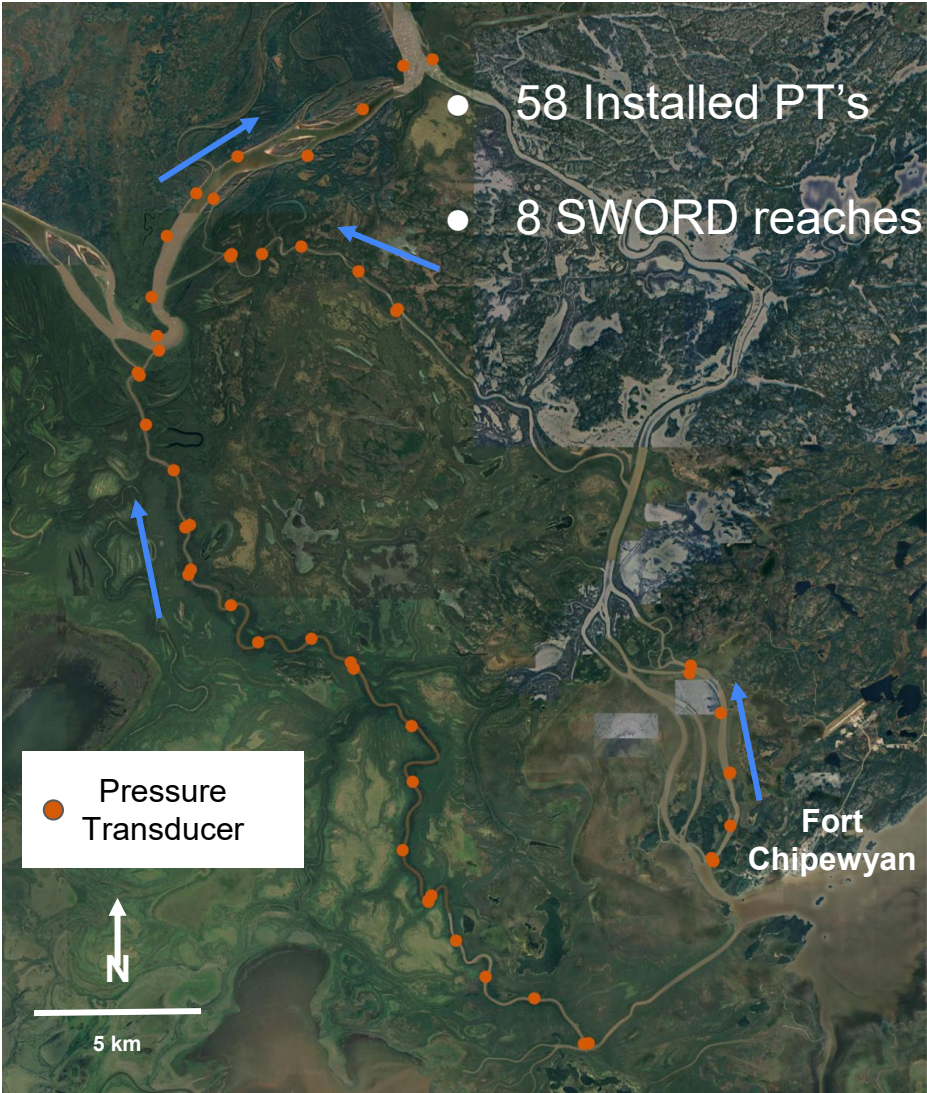
Peace Athabasca Delta



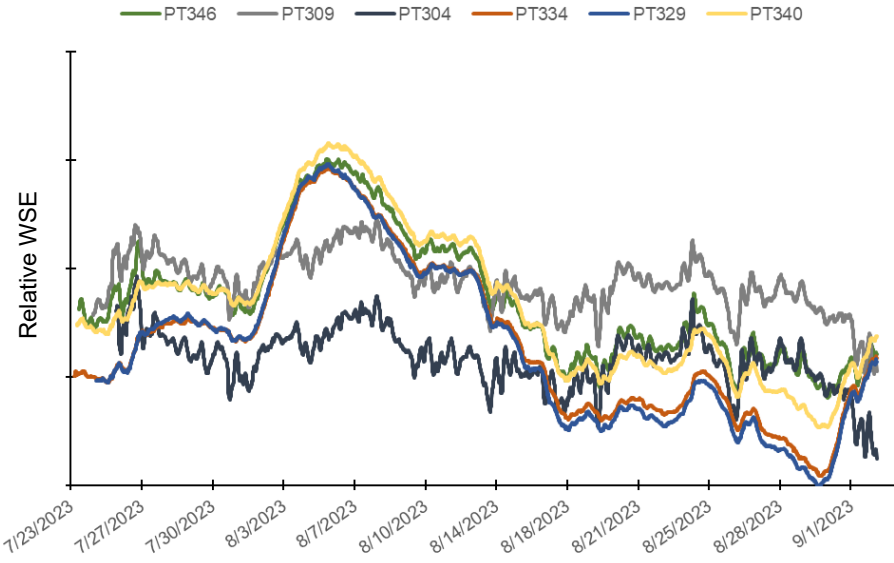
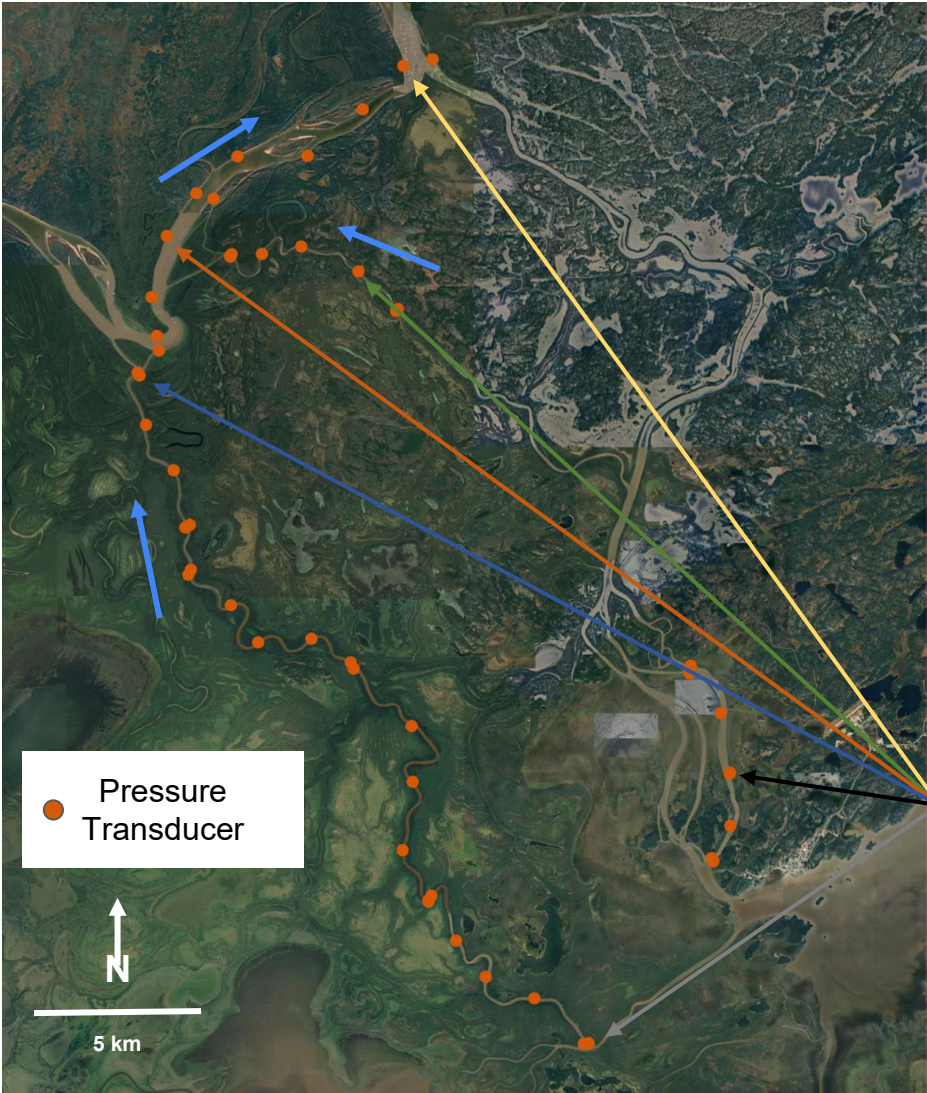
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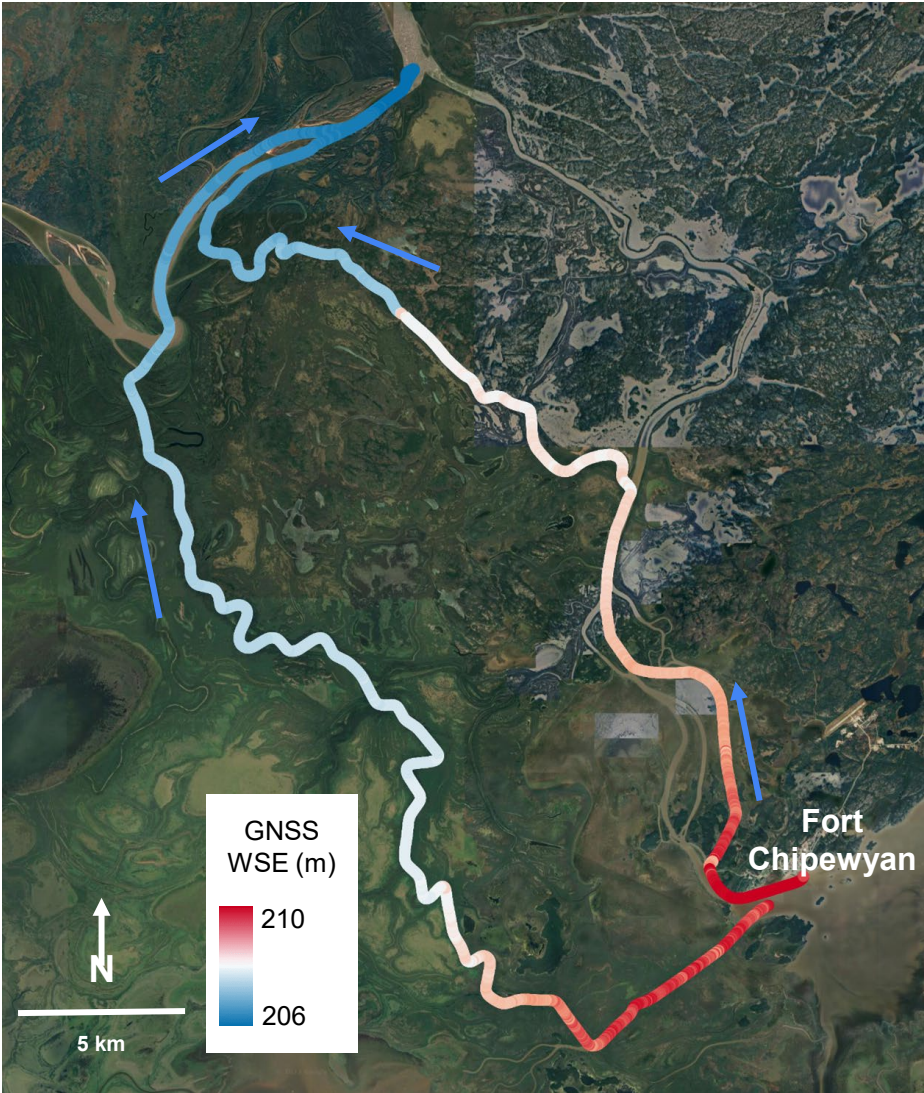
Peace Athabasca Delta



Peace Athabasca Delta



Peace Athabasca Delta



- 8 (16 out and back) coincident drifts of all reaches



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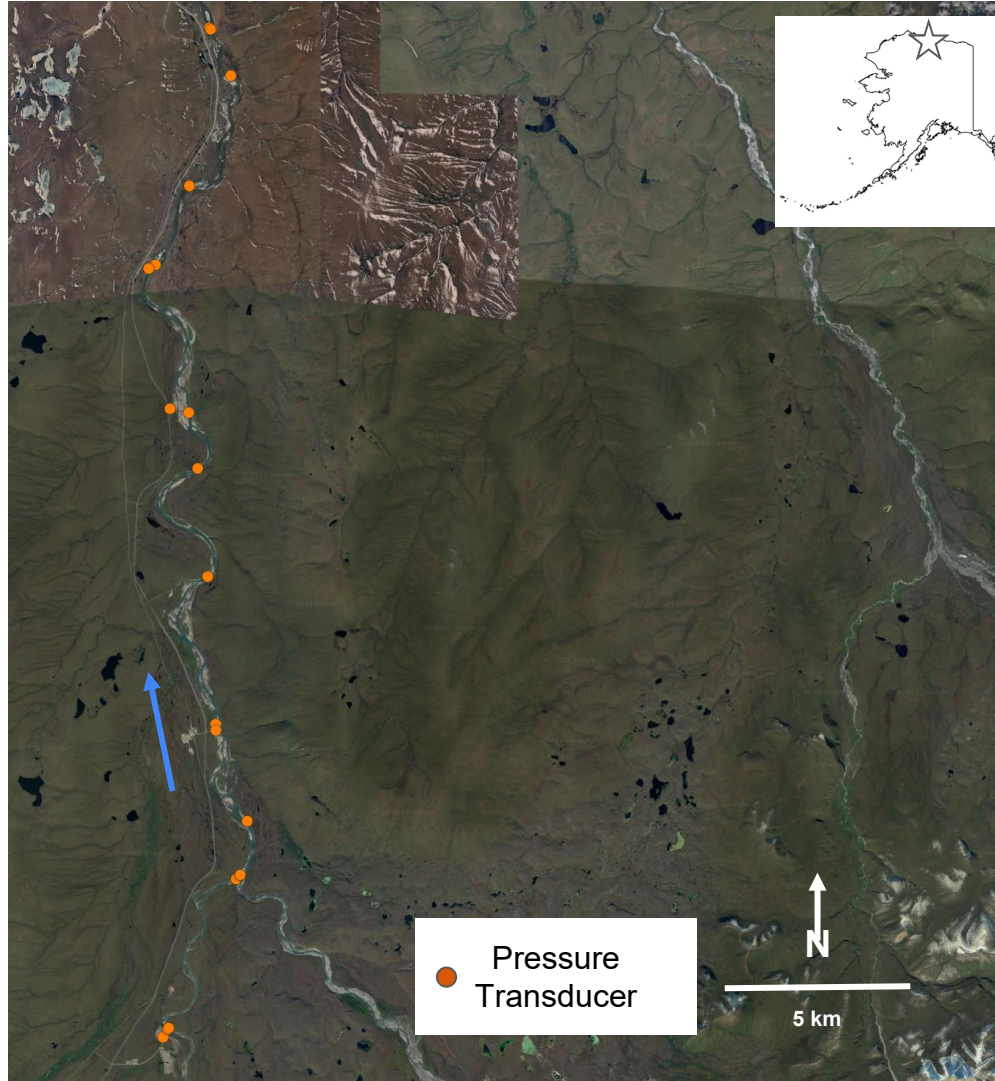


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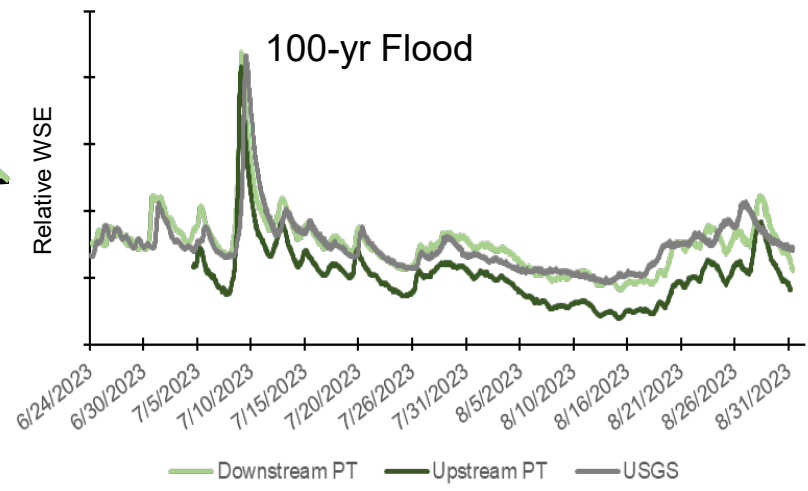
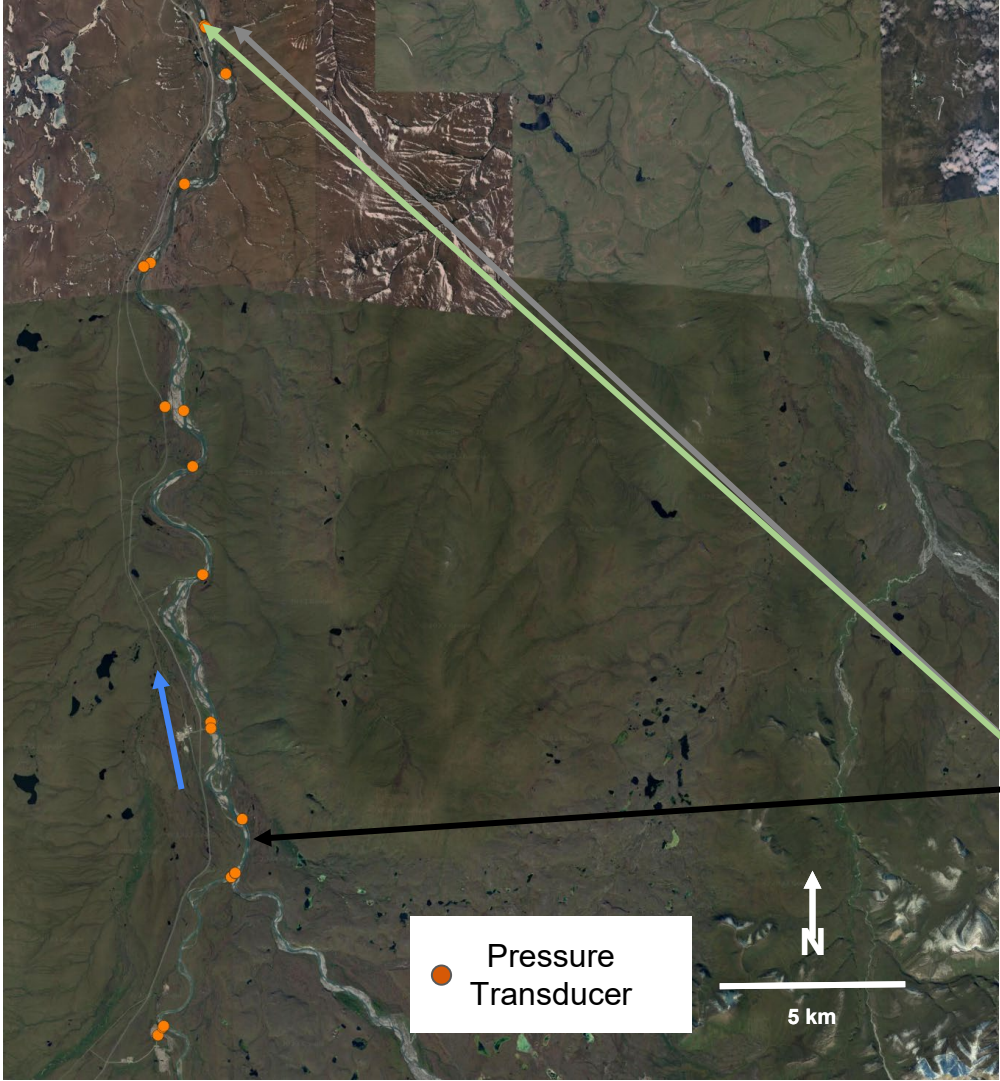
Sagavanirktok River



- 21 Pressure Transducers
- 4 SWORD reaches
- 7 Coincident drifts

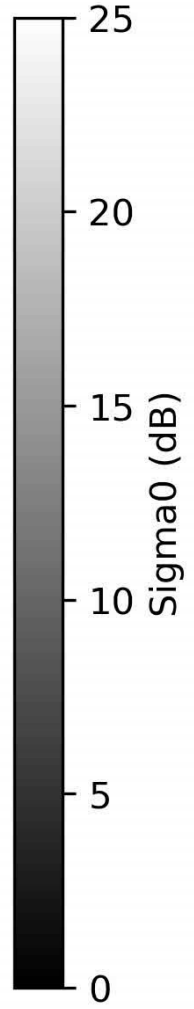
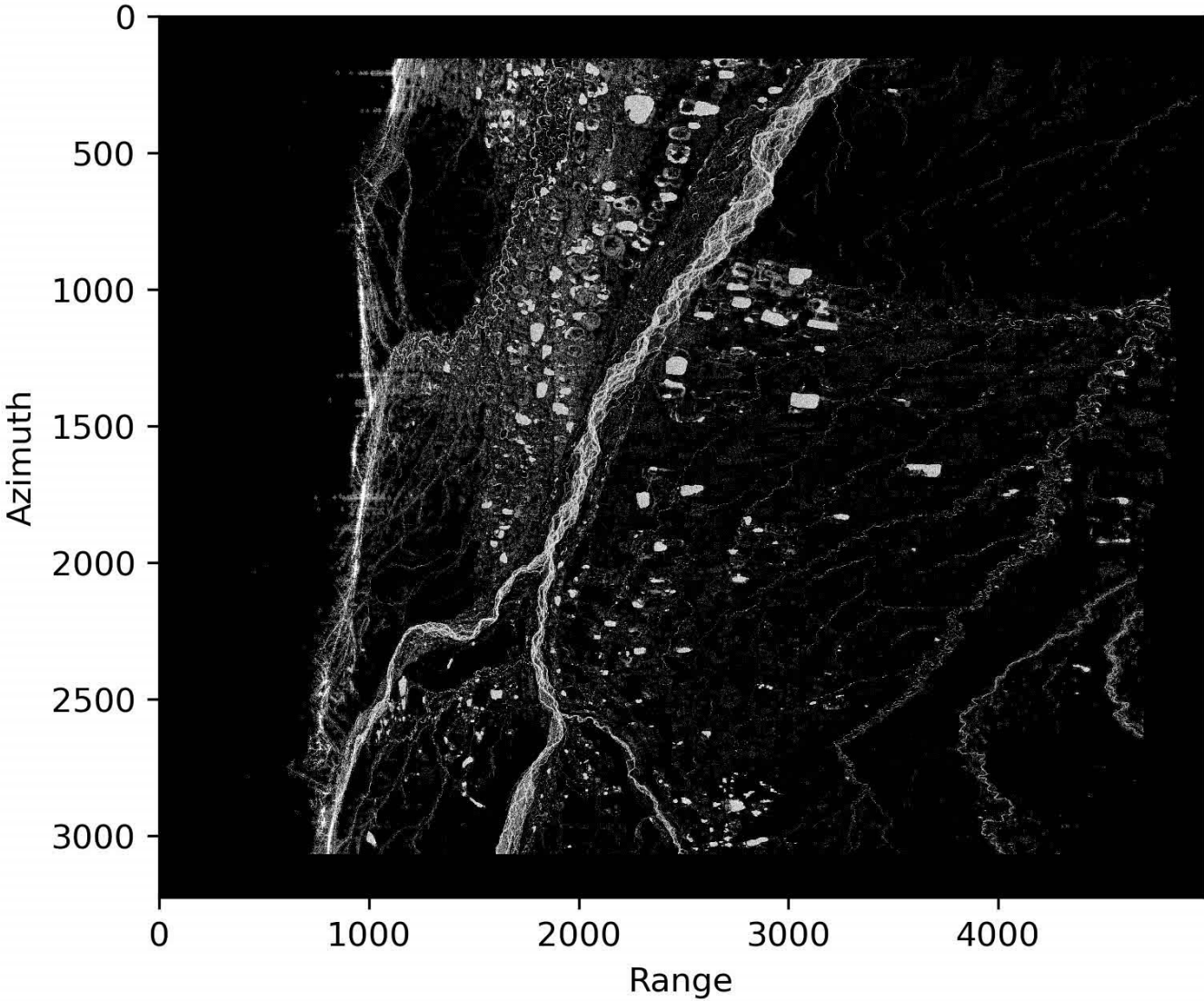


Sagavanirktok River



Sagavanirktok River

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Tanana River, Alaska



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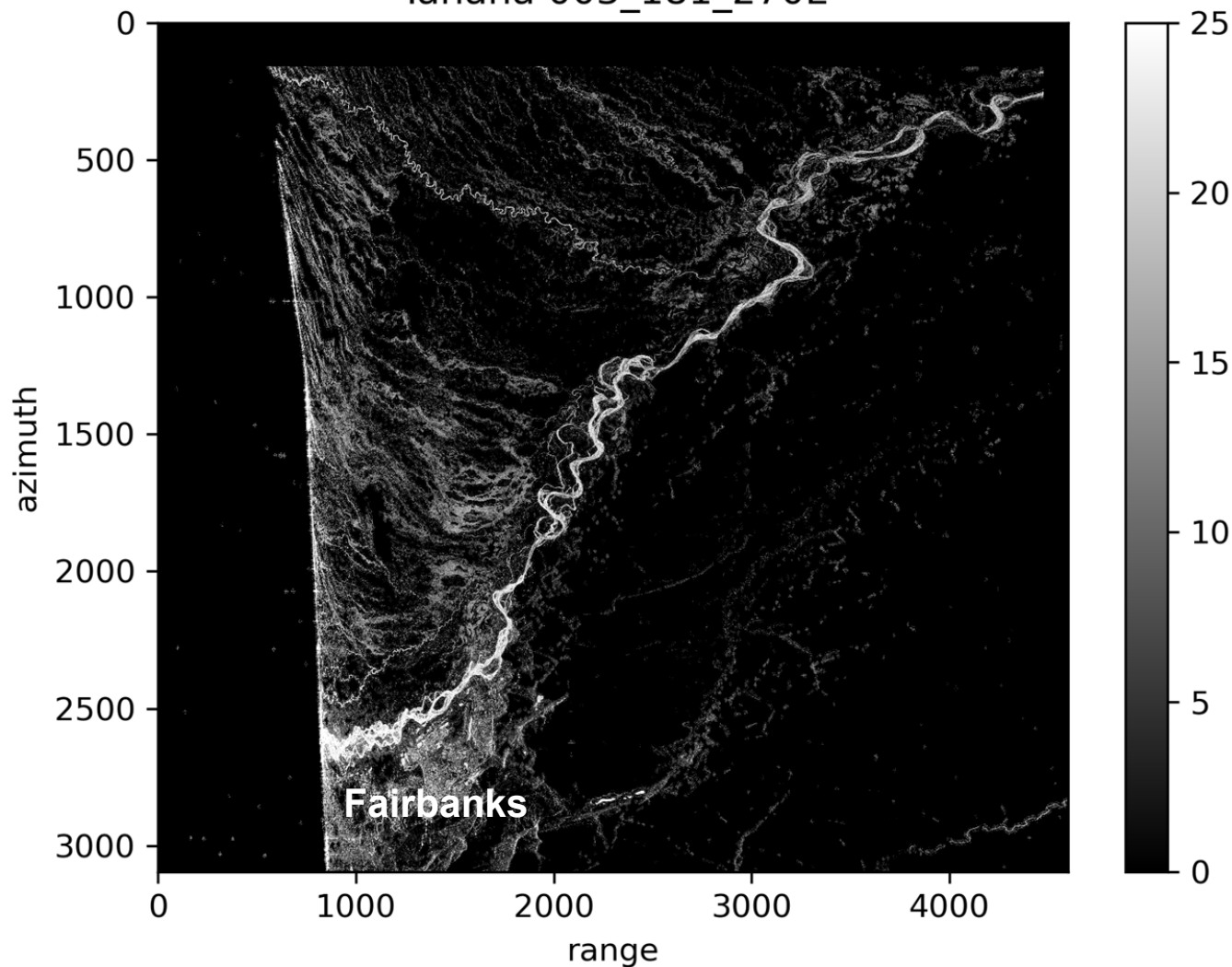
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Tanana River, Alaska

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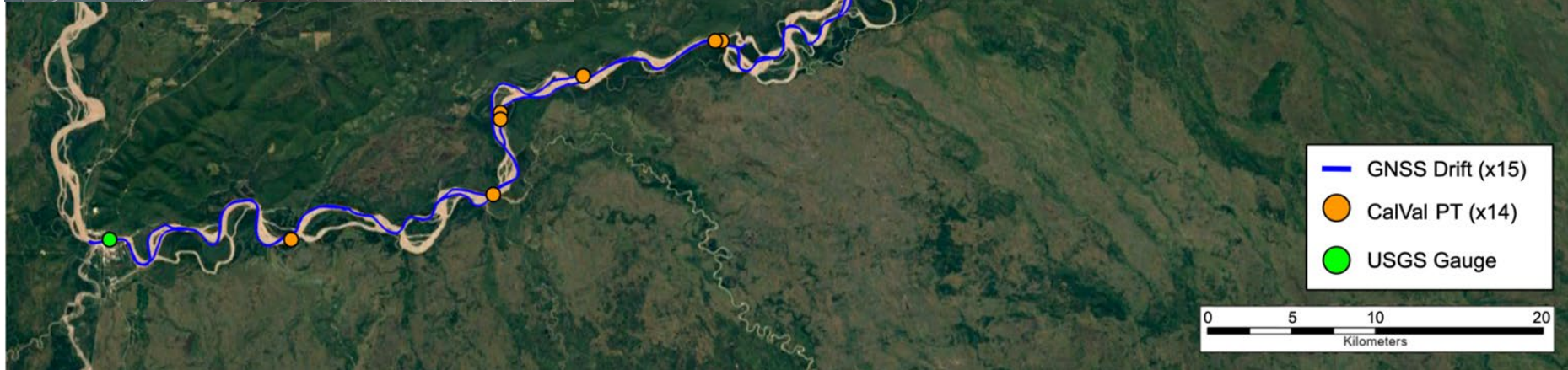


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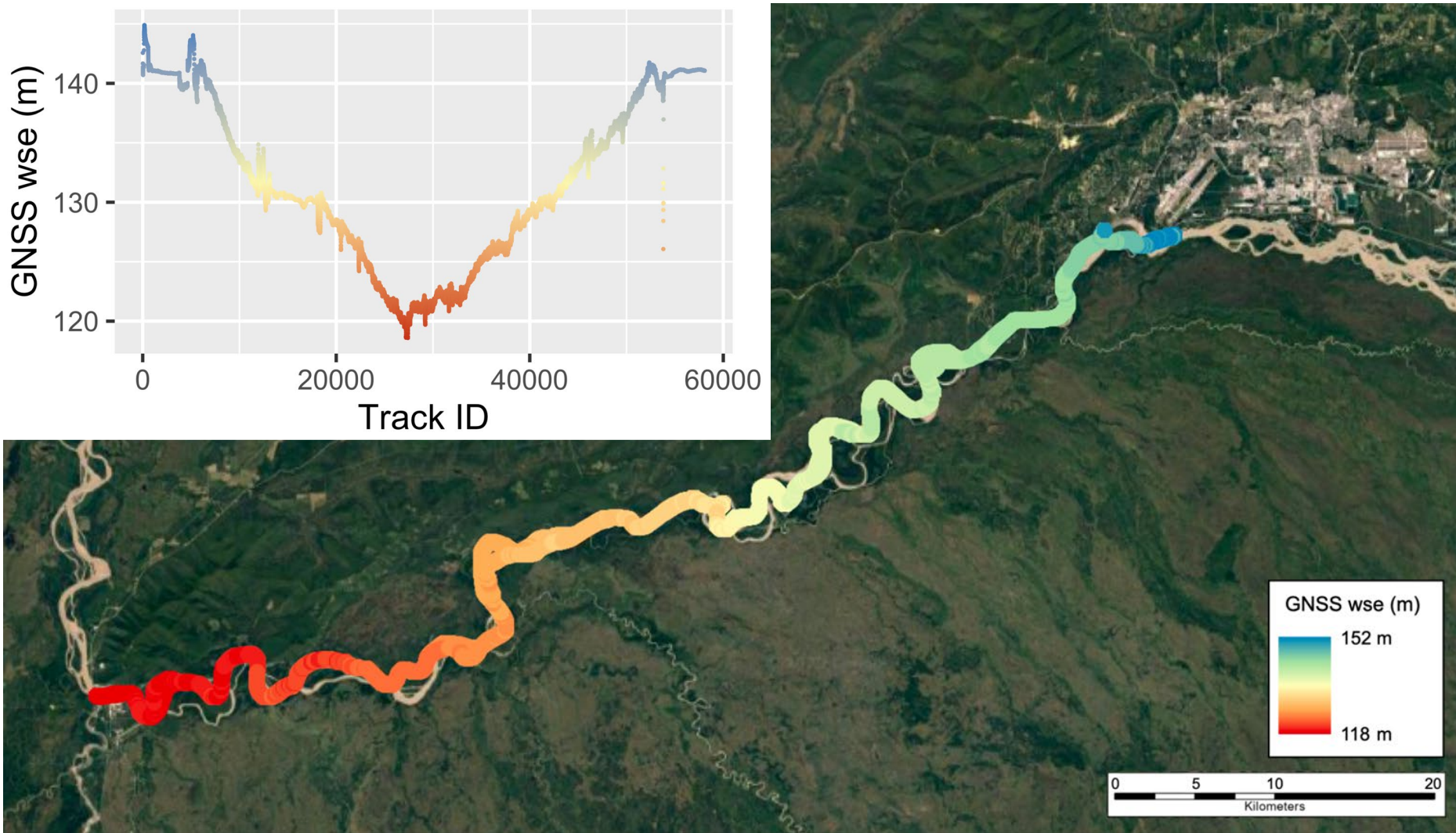
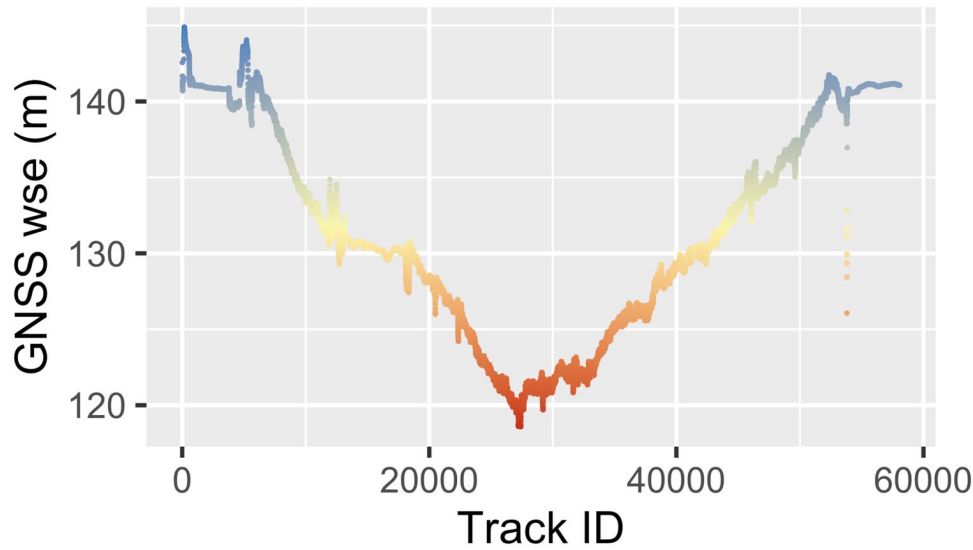


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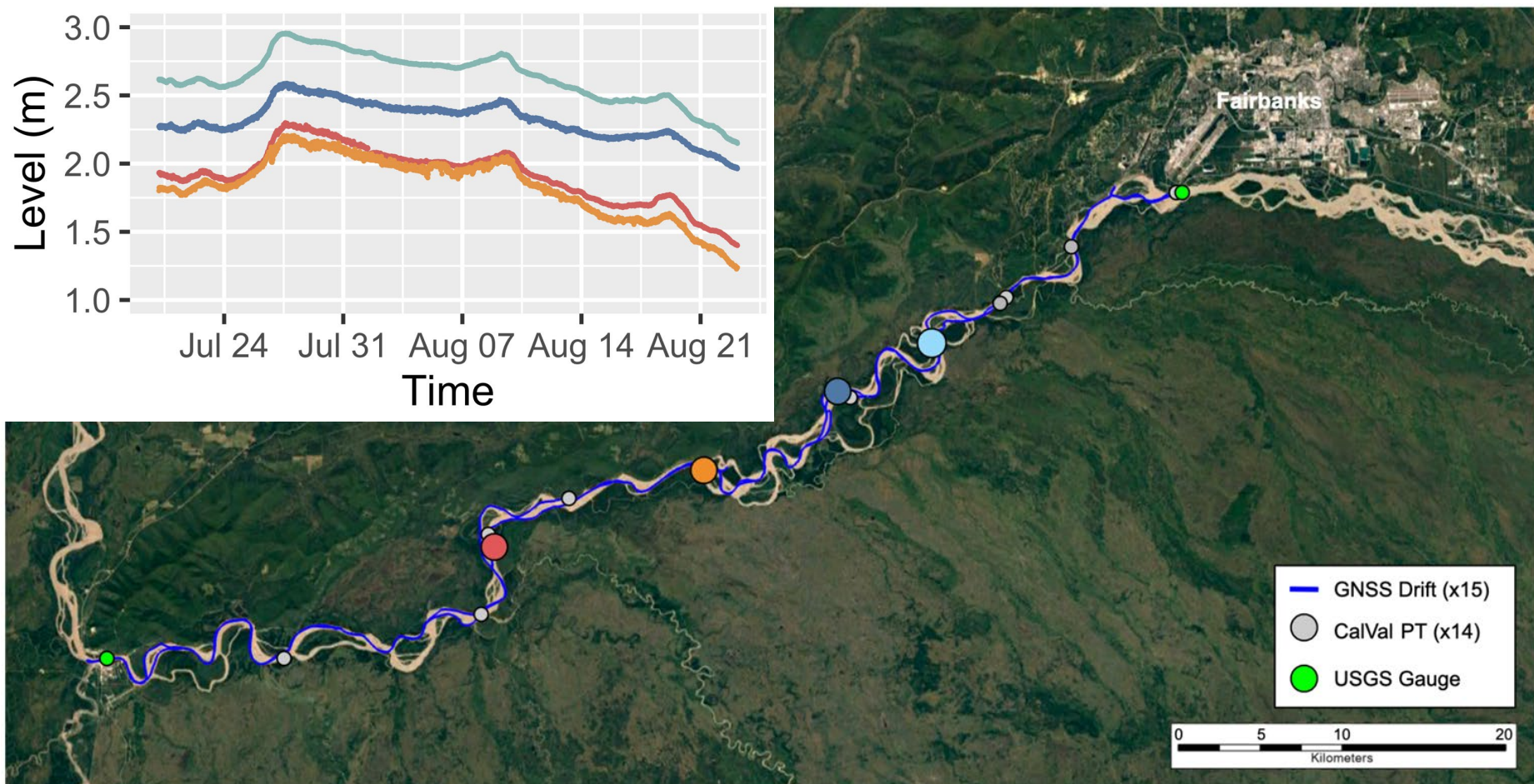
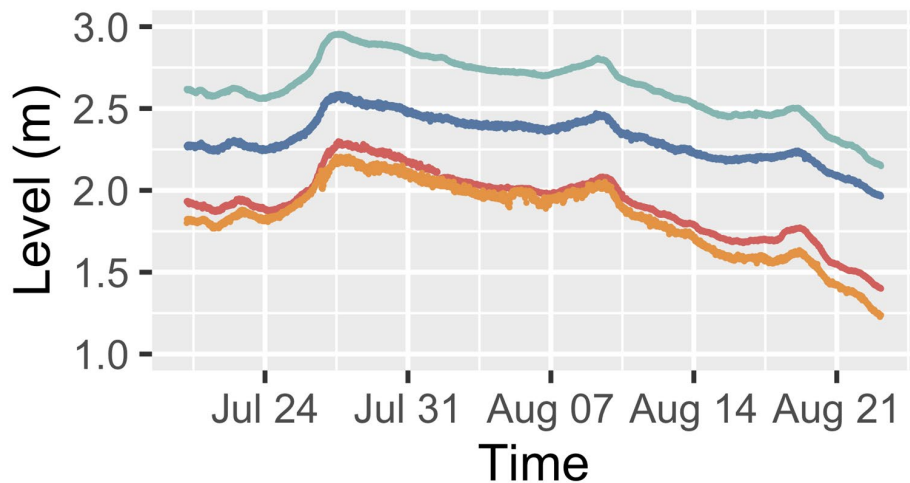


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What's Next?

- Focus on field data QA/QC from fast sampling and science orbit sites
- Site comparisons to SWOT
- Ongoing monitoring of Willamette and Connecticut
- Determine target sites for 2024/2025



Wildfire smoke while drifting



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Questions?



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