



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

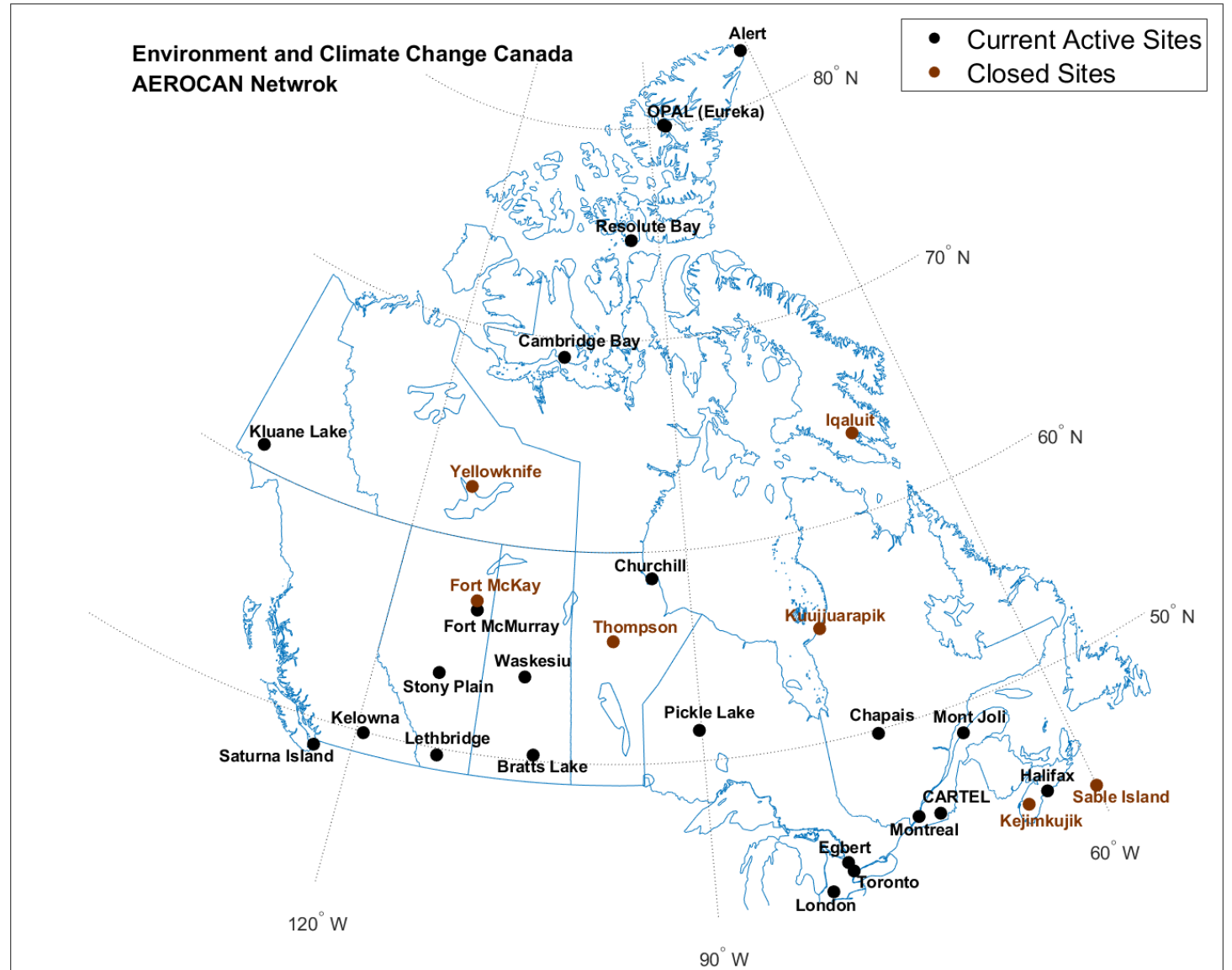
AEROCAN NETWORK STATUS 2024

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AEROCAN NETWORK

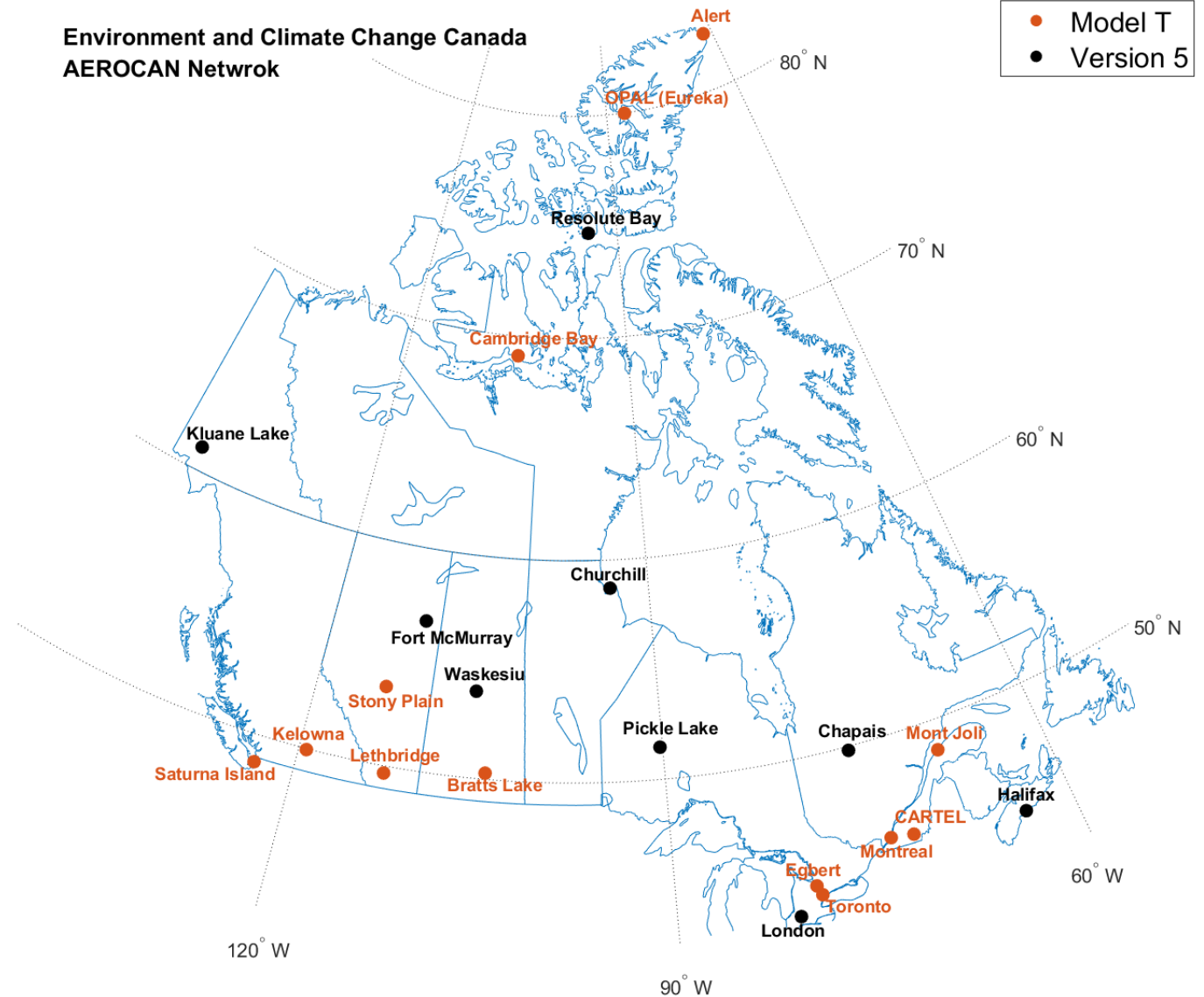
- AEROCAN was co-founded in 1997 by Norm O'Neill and Alain Royer from the Université de Sherbrooke (CARTEL)
- Environment and Climate Change Canada (ECCC) rapidly became more and more involved in AEROCAN taking on the operational side of the network while the Université de Sherbrooke took on the scientific responsibility



AEROCAN NETWORK

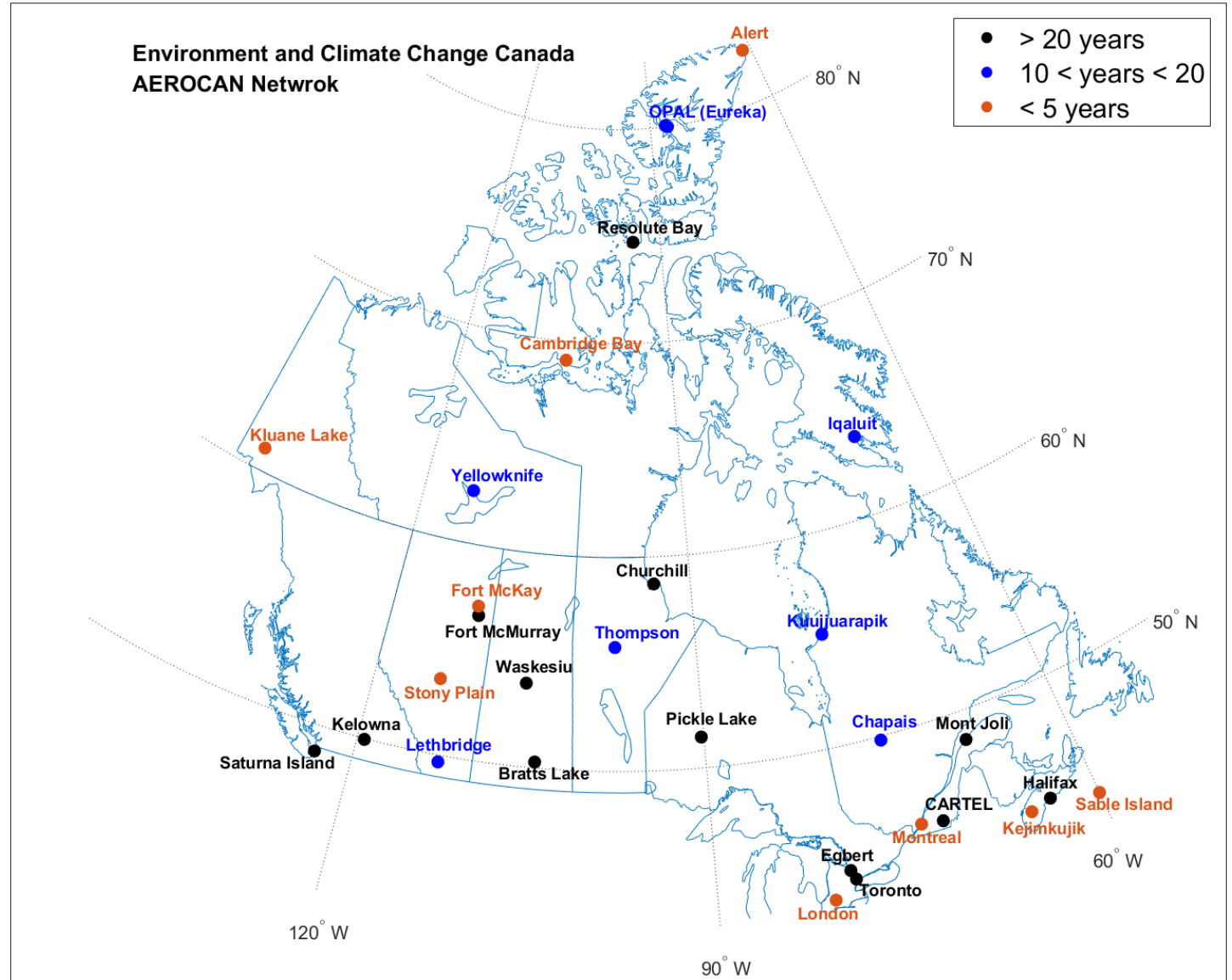
- AEROCAN have 22 active sites
 - 13 running T model instruments
 - 9 running old V5 instruments
- 7 new/reinstated sites starting in 2020
 - Bratt's Lake (reinstated in 2022)
 - Mont-Joli (reinstated in 2023)
 - London-CDN (new in 2020)
 - Montreal (new in 2021)
 - Alert (new 2024)
 - Stony Plain (new 2024)
 - Cambridge Bay (new 2024)

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AEROCAN Network



AEROCAN NETWORK

- Years of service
 - 13 sites over 20 years
 - 8 sites between 10 and 20 years
 - 9 sites under 10 years



AEROCAN NETWORK

- Operations
 - Continue to incorporate Model T instruments into the network
 - Monitor network instrument operation and quality of data on weekly basis
 - Guide Canadian partners in purchasing, installing and running AEROCAN/AERONET sites and instruments
 - Swap-out field instruments on an annual basis
 - Send field instruments to AERONET for annual calibrations
 - Purchases
 - Continue to purchase T models to replace older V5 ones
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Thank you!

