

WINTRE-MIX UPDATE FROM ECCC

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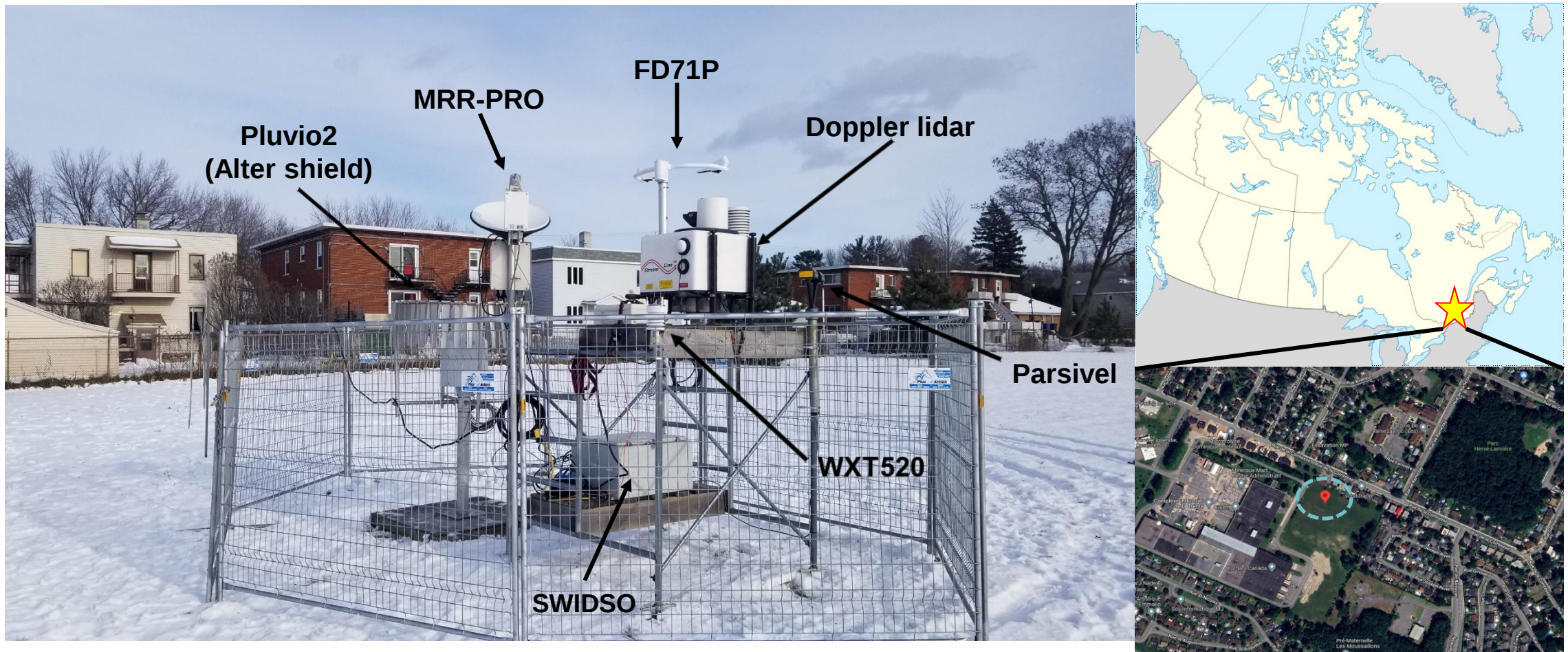


Environment and
Climate Change Canada

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Changement climatique Canada

Canada

ECCC'S INSTRUMENTS AT SOREL-TRACY



With great support from UQAM. Merci beaucoup!

SOREL-TRACY INSTRUMENTS/FORMATS

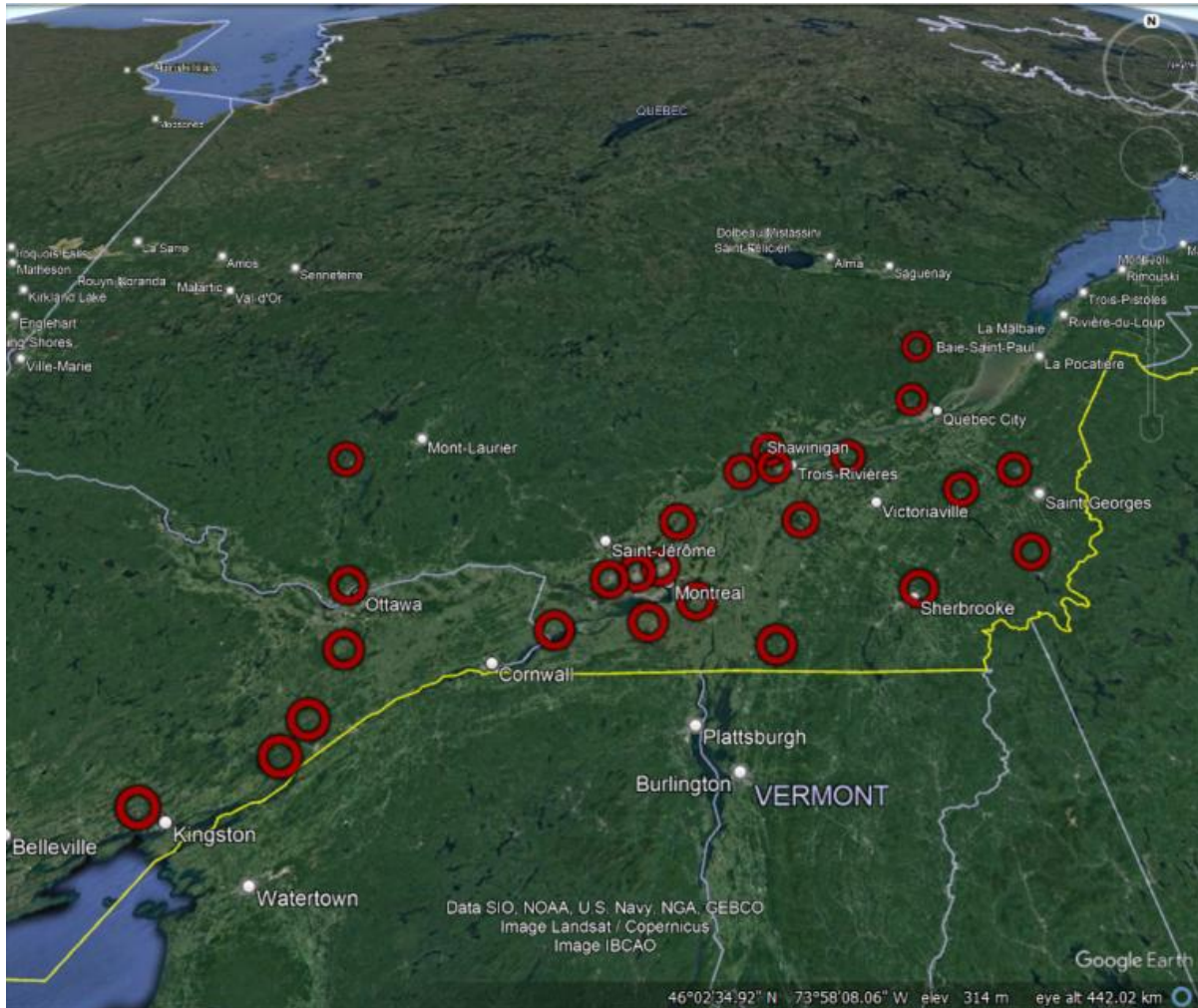
Instrument	Format
FD71P	Delimited TXT (Vaisala MES8)
Parsivel	CSV (OTT telegram)
Pluvio2	Semi-colon delimited TXT
WXT520	CSV
HALO Doppler lidar	HPL
MRR Pro	Proprietary binary

Processing/conversion to netCDF remains TBD.

MANIWAKI HIGH-RESOLUTION UPPER-AIR SOUNDINGS

- January 1, 2022 – March 31, 2022
 - 182 soundings @ 00,12z with GRAW DFM-09 sondes
 - Formats, per sounding:
 - GSFZ: up to 5 raw data (proprietary XML) files: <all>
 - GRAWMET profile report (txt): p,T,Hu,Ws,Wd,z
 - ECCEC/OBRS profile (txt): p,T,Ws,Wd,Lat,Lon,z,dz/dt
 - Both txt formats 2 s (~10 m) resolution during flight
 - Processing status: complete (but not netCDF)
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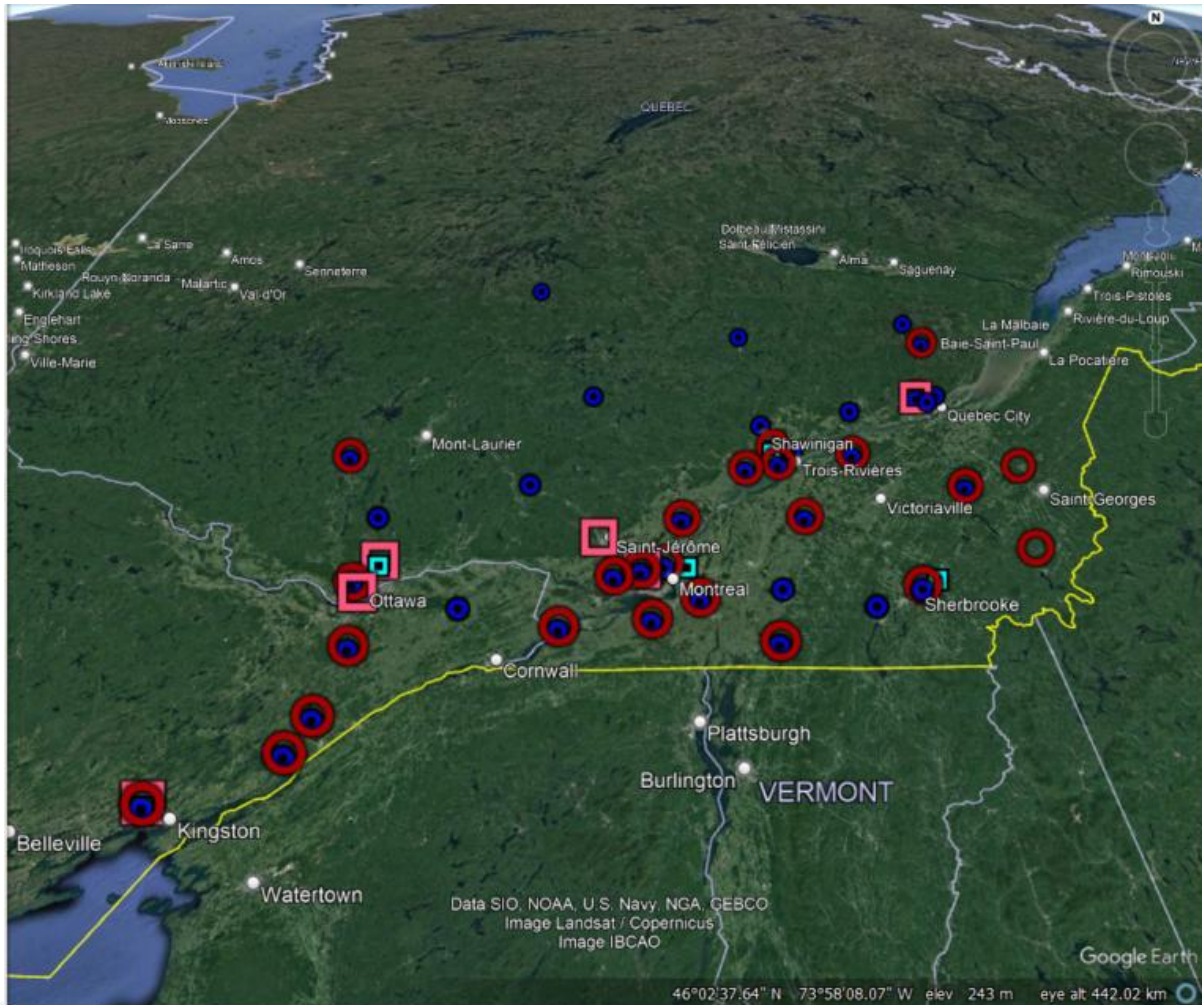
ECCC – MSC MINUTELY PRECIPITATION



Minutely Precipitation amounts (mm)

Format: XLSX

ECCC – PRECIPITATION



MSC Minutely Precipitation amounts (mm)
Format: XLSX (large red rings)

MSC Hourly Precipitation amounts (mm)
Format: XLSX (small blue rings)

NavCan Hourly Precipitation amounts (mm)
Format: XLSX (boxes)
(light red = AWOS, light blue = HWOS)

Data availability status: preparing metadata from Sorel, Maniwaki, and extra precipitation observations for submission

Then submit datasets:

1. Maniwaki and precipitation
2. Sorel