

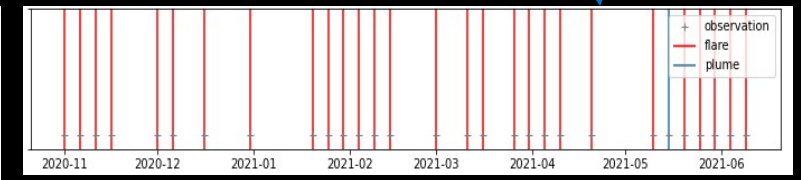
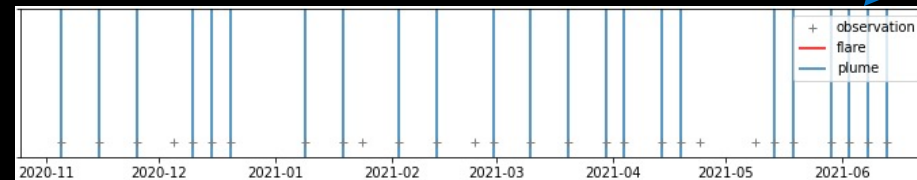
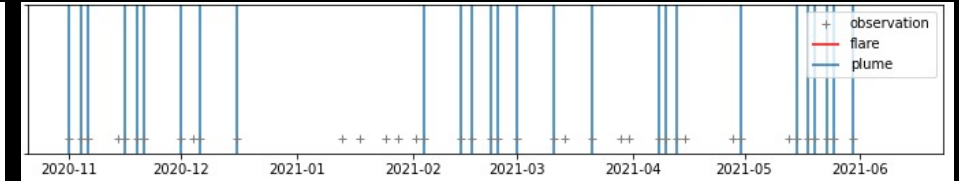
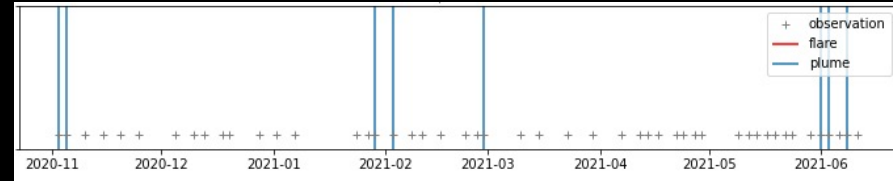
Super-emitter Monitoring System

Sentinel-2
Revisit < 5 days

S-2A (2015)

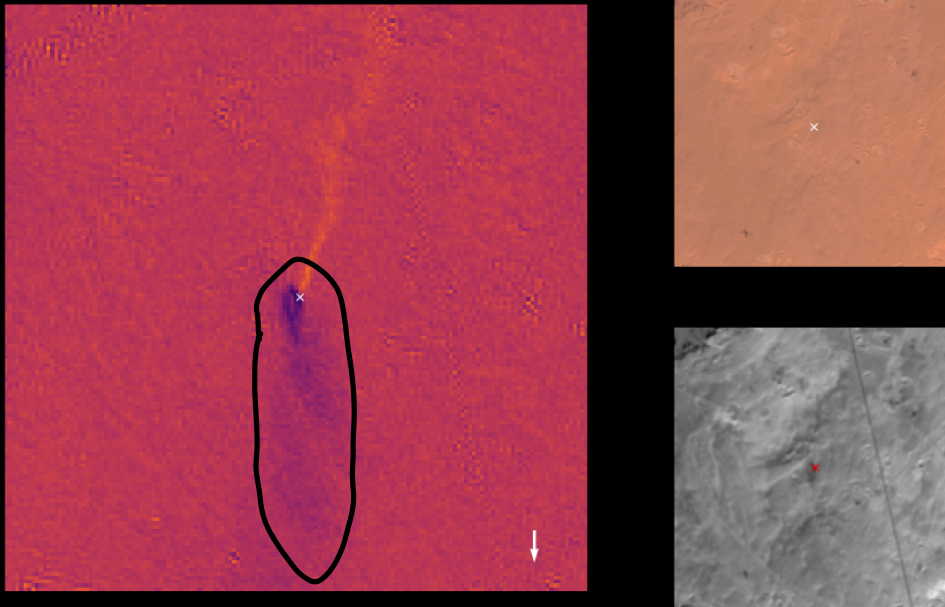


S-2B (2016)



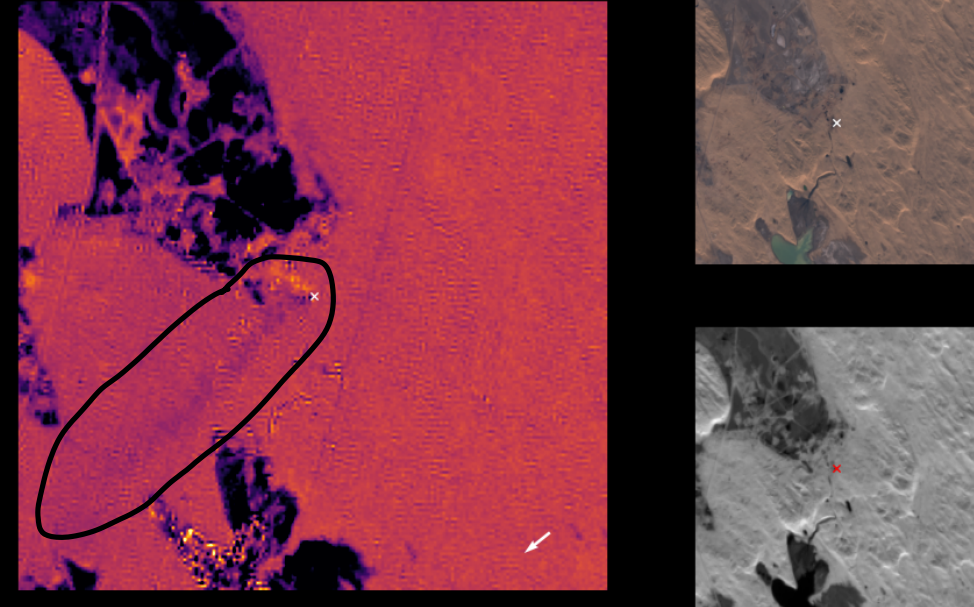
Convolutional Neural Networks for Plume detection

Low Noise Scene



- All plume images correctly identified.
- One false positive.

High Noise Scene



- A noise proxy image is needed.
- All the plume images are correctly identified.
- But a large number of false positives.