

SPADE Meeting 12

11 October 2018/ 1:00 PM EDT

Attendees

Julie, Stephen, Mike, Aurelie, Jeremy, Andre, Juris (note-taker)

☐ Introductions

☐ Optical Disdrometer update

- ☐ Julie spoke with UQAM to proceed with parsivel repair
- ☐ Parsivel is currently at Hopskin Scientific in Edmonton
- ☐ There is a parsivel on rooftop at UQAM that we can ship if we need

☐ LiDAR Locations

- ☐ Decided to have LiDAR at both Fortress and gas station
- ☐ Important for preferential deposition for detailed wind field at Fortress area
- ☐ Need to see if we can have a wireless connection at Fortress Mountain (Mike)
 - ☐ Add a point to point link on top of maintenance shed
 - ☐ Andre to check this at Fortress
 - ☐ Andre to check with Greg about power

☐ Power at Nipika

- ☐ We will not be able to tap into the power at Nipika or run a generator
- ☐ Nipika has generously offered us solar panels
 - ☐ Stephen in contact with Nipika to get more information about wattage output of solar panels
- ☐ Mike brings up attenuation issue if we do not leave the heater on and there is snow accumulation
- ☐ Mike to run a power consumption test on MRR to see how much power it is drawing
 - ☐ Will report back likely by next meeting
- ☐ Most large solar panels are around 150-200 watts
 - ☐ We will want a few batteries in series to store as much power as we can
- ☐ Solar panels are on trailers

- ❑ Stephen and Jeremy to discuss a second visit to Nipika

❑ AB parks permit for gas station update

- ❑ Greg has passed on the correspondence with AB parks to John so that he can contact them directly

❑ Roundtable

- ❑ Andre - MRR is enroute to Canmore from Germany
 - ❑ When it arrives, Andre and Greg will set it up at Fortress Mountain.
- ❑ Mike - there are no cameras available at the moment
 - ❑ ECCC has been using micro 7 cameras with lots of success.
 - ❑ FTP at regular intervals
 - ❑ ~\$100 each - 2 at each location?
 - ❑ Easily integrate photos into ECCC systems
 - ❑ Julie to check with UQAM to see what is easiest
 - ❑ Mike to send camera model information
- ❑ Juris
 - ❑ Motel Bavaria in Radium Hot Springs has been booked
 - ❑ Check in April 30 check out June 30.
 - ❑ 2 queen beds
 - ❑ Kitchenette in suite
 - ❑ Cancellation 2 days prior
 - ❑ \$57.50/night

Action Items

- Mike
 - to report MRR power consumption
 - Send camera information to Julie
- Andre to check power and wifi connection at Fortress Mountain
- Julie to check with UQAM about purchasing 4 micro 7 cameras

Next Meeting

Thursday October 25th @ 2:30 pm EDT