



# Science recap

- Staffing reduced down to 4 technicians in 2020
  - 2 staff dedicated to aquatic work and 2 dedicated to terrestrial sampling
- **Terrestrial** mostly completed plant/mosquito phenology measurements, herbaceous biomass, LAI photos, and beetle collections
  - Canceled all mammal trapping, soil core collections, most of our plant diversity surveys
- **Aquics**

# Science recap / EDC support

- **NEON has relied heavily on the EDC for continued sampling and tower maintenance at and around Toolik. Several key accomplishments would not have been possible without their action in the field while camp restrictions were in place.**
  - Oks Creek data collection system troubleshooting in May
  - Aquatroll log data downloads and troubleshooting in the field in June, December, and January
  - Toolik Lake and Oks Creek Water Chemistry sample collection and shipment coordination
  - Instrumentation infrastructure maintenance throughout the winter
  - On the tower, EDC staff became trained for tower climbing and rescue, electrical safety, and routine preventative maintenance training for our instrumentation
- Our reliance on the EDC during the pandemic has substantially strengthened our relationship. We greatly appreciate all of the help

# Infrastructure ~~2020~~

# Infrastructure - tower satellite

- Upgrade planned for Feb. 2<sup>nd</sup> to install smaller diameter dish
- Goal is to reduce drifting and associated communication outages

# Remote Sensing

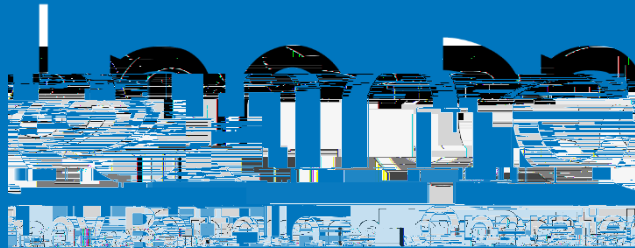
- 2019 Flight dates

6/22 – 7/14

- ~~• 2020 Flight dates~~

~~– 6/26 – 7/27~~

~~– Flight box expanded to the west to cover Toolik lake watershed~~



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