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# Survival Zones

Fall 2016 Project Update

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# Background

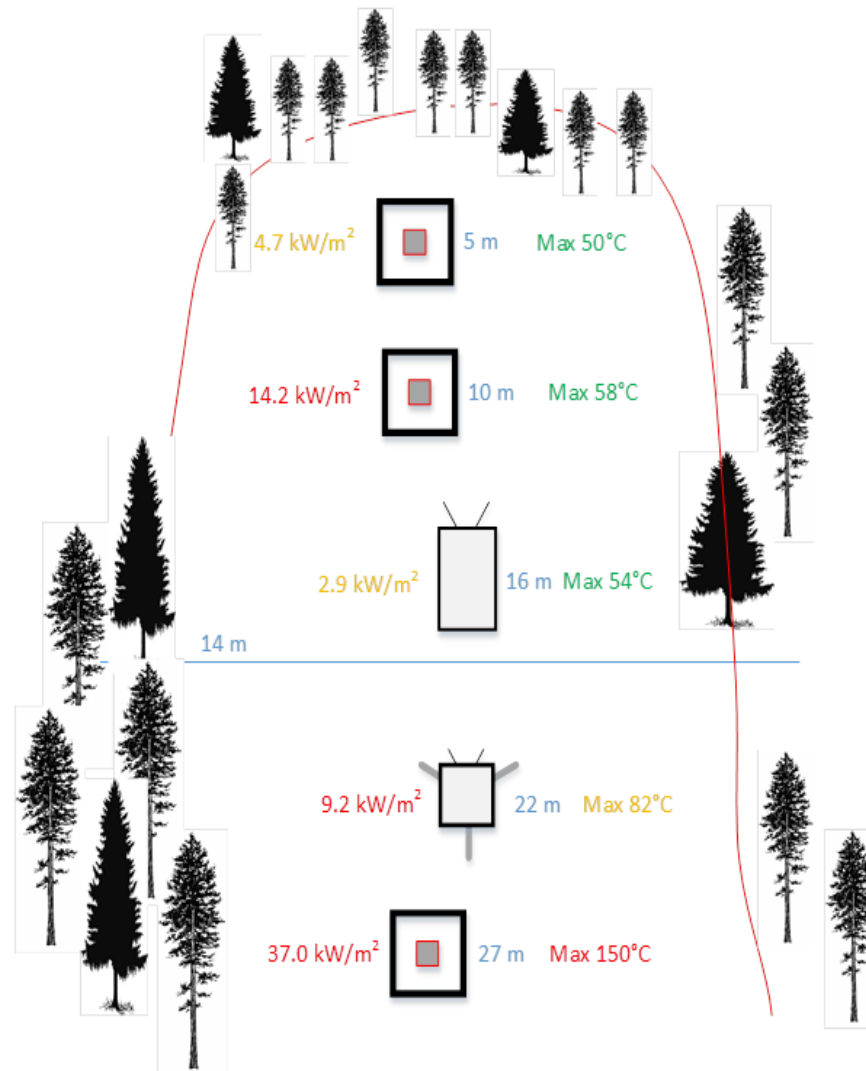
- The Survival Zone project has turned into an opportunistic undertaking where along with our established SZ plots in the NWT, we make use of other agencies P.B.'s.
- This includes data collection from both wild and prescribed fires in the NWT, Sask, Alberta and the NP's.
- This April, we were invited to Jasper NP to take part in the Jackladder P.B.

Top date we have compiled 17 Case Studies.

# 2016 Update

- On April 17<sup>th</sup> Jasper NP burned an area near their airport. The burn had the purpose of opening up the valley to increase grazing.
- The burn was conducted in pine stands and grasslands. We chose three natural openings in the pine to collect data. The plots were not perfect circles or squares but represented what a firefighter might come across in an emergency situation.
- Openings were 17x14, 27x14 and 19x14 m in size.

# Results – Site 3



# 2017 Plans

- NWT – have 2 sites
- Jasper NP – Bench Lakes area above the townsite and the Fiddle Unit by the east entrance
- Alberta: Mt. Buller, Westcastle, Mockingbird. Pelican Research Site??
- Plus – any opportunities provided by wildfires in the NWT, AB or Sask.
- Each new fire will add another Case Study to the 17 we have already compiled and lead to ‘Guidelines’ for firefighters.



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**Questions?**