



IMPLEMENTATION OF REAL-TIME LAPSE RATE DATA



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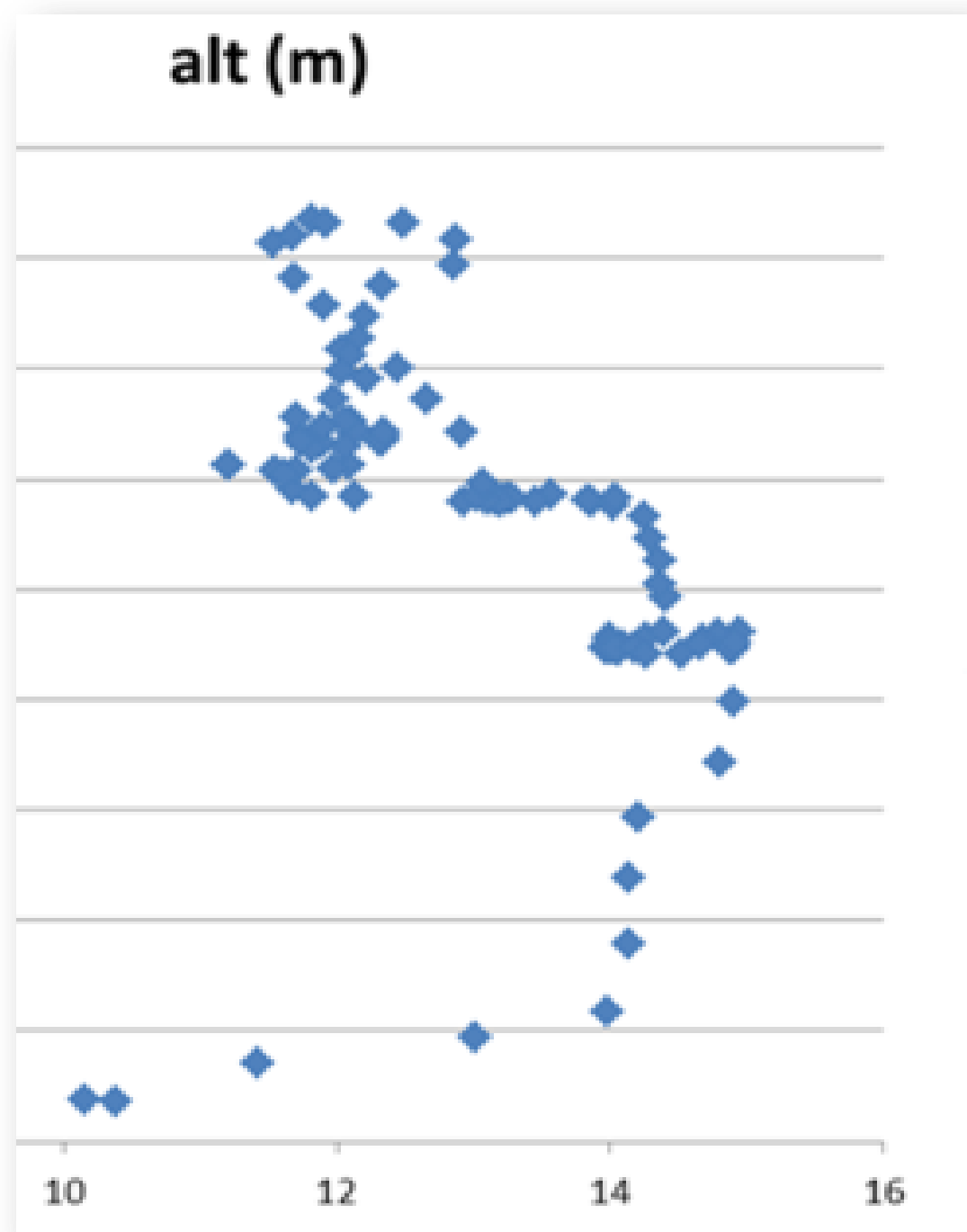
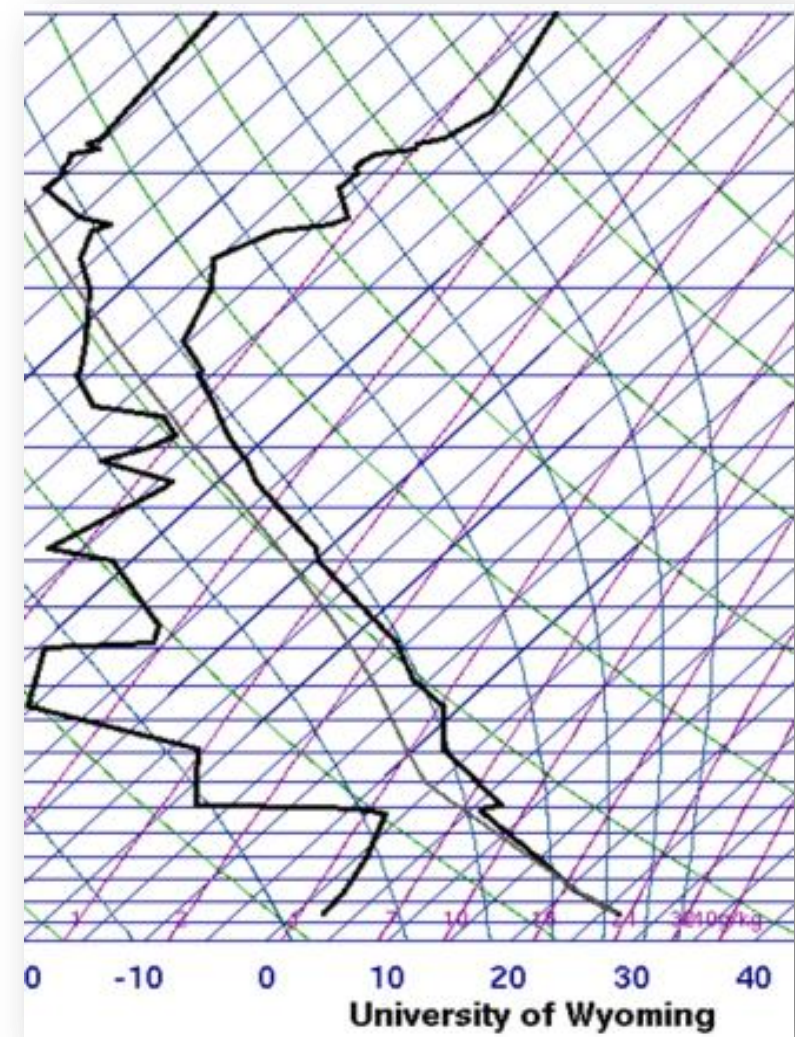
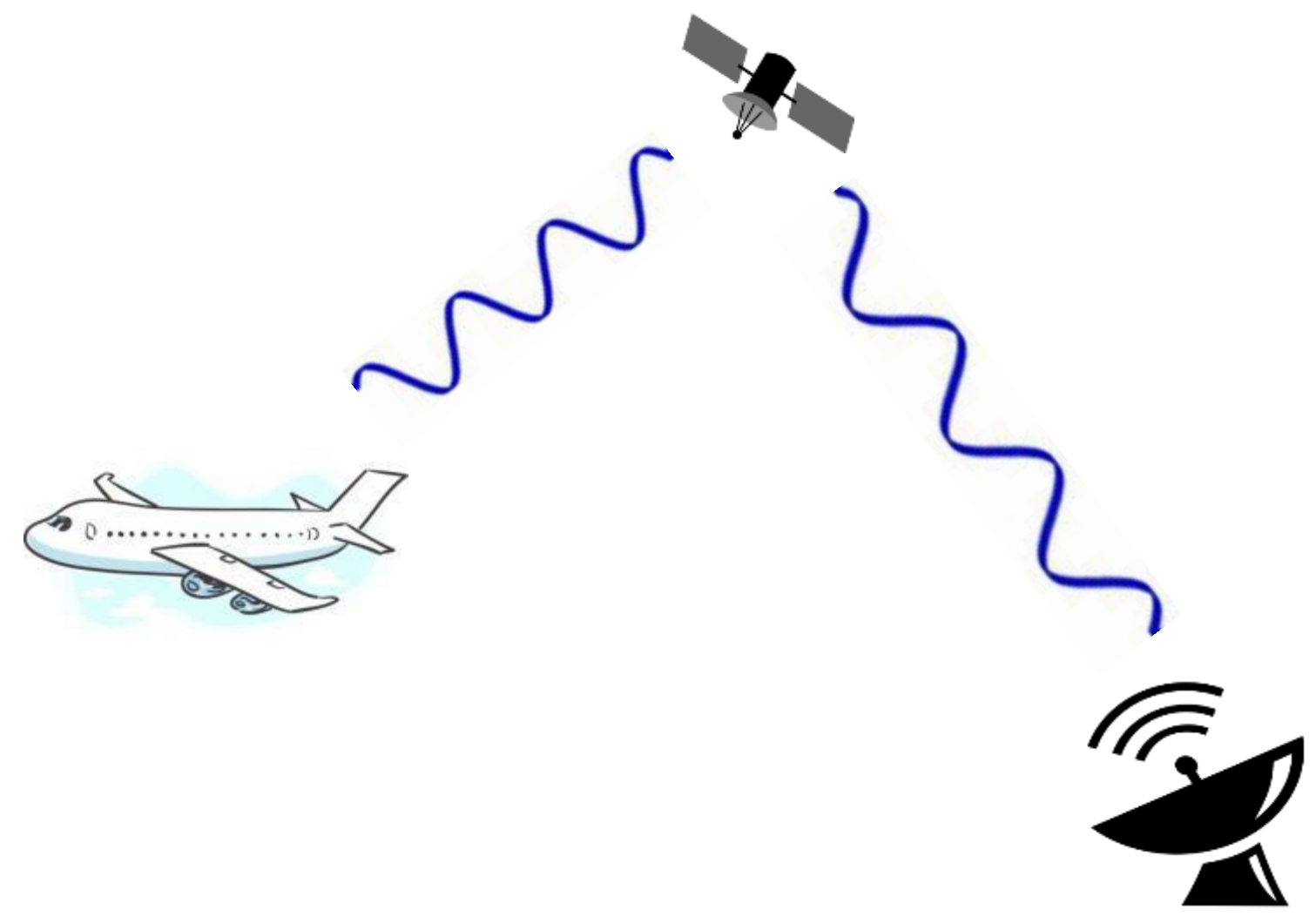


Challenges

What are the problems faced by wildfire agencies, communities and industry?

Actions

Impacts



DATA TRANSFER AND MANIPULATION FROM AIRCRAFT TO COMPUTER TO FIRE



- A data transfer problem
- Collect raw data over fire
- Data from aircraft to Server
- Data Manipulation to useable format (working with CIFFC)
- Data transfer from Server to fire agencies

Challenges

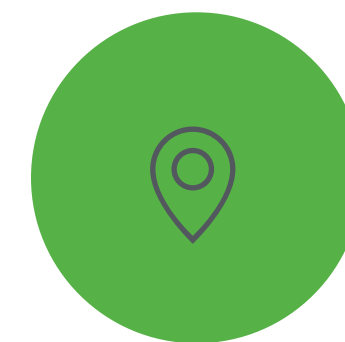
● Actions

What is FPInnovations doing to address the challenges?

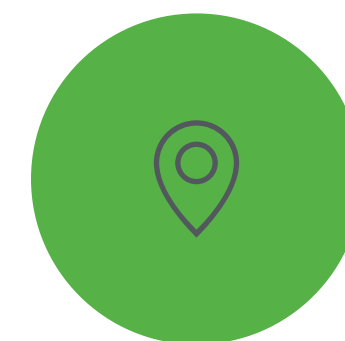
Impacts



Photos – BC Wildfire



- Proof of Concept completed
- Work with Conair and Latitude
- Develop data standard with CIFFC



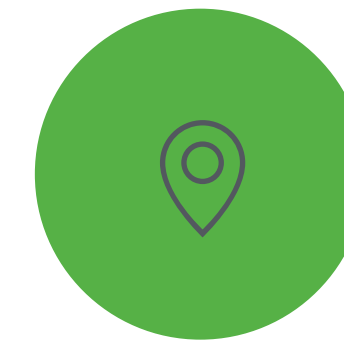
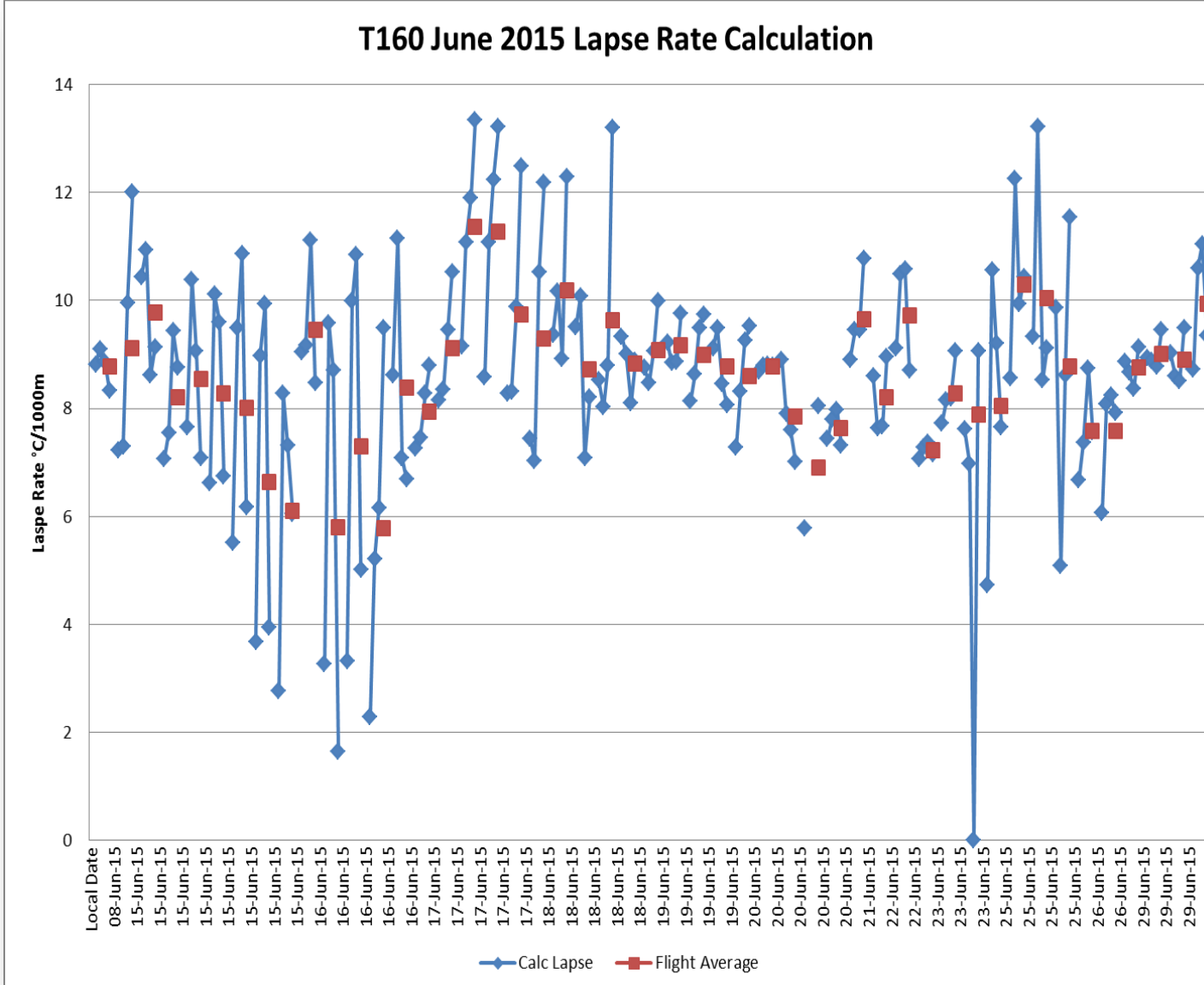
- Meet with Conair and Latitude in Victoria
- Develop data transfer and manipulation methodology
- Demonstrate output to Fire Agencies
- Implement

Challenges

Actions

Impacts

What are the benefits of doing this research?



- Near real-time stability data delivered to fireline
- Ability to work into Operational Plans
- Safety Tool
- Knowledge transfer of methodology of real-time data transfer
- Value added for Aircraft companies