Stratospheric Conditions: A Near-Space Balloon Project

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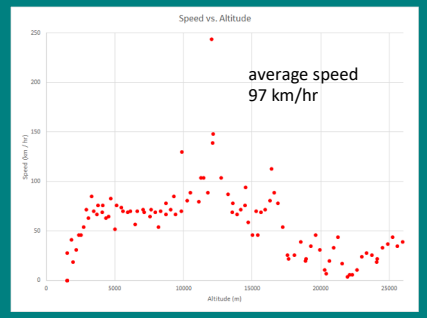
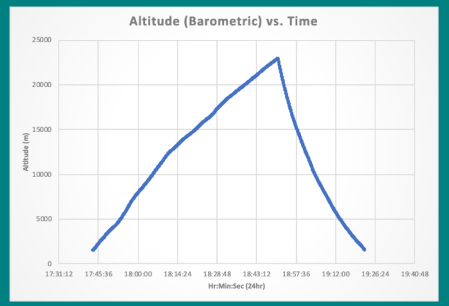
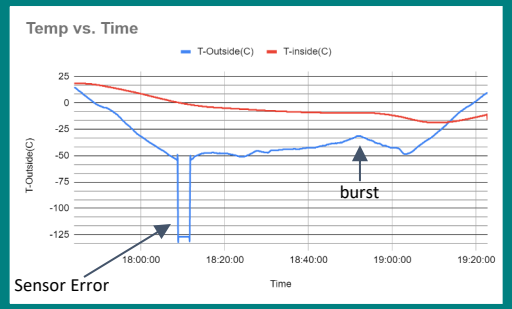
Speed vs. Altitude



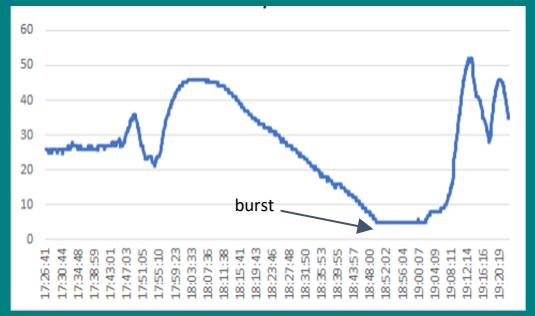
Altitude vs. Time

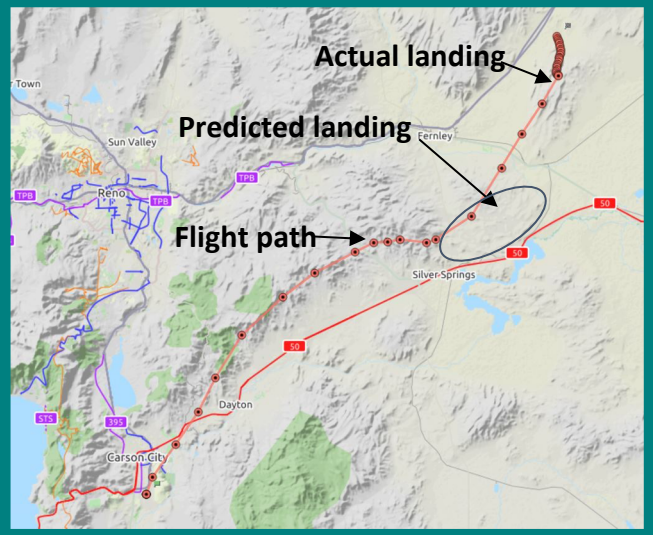


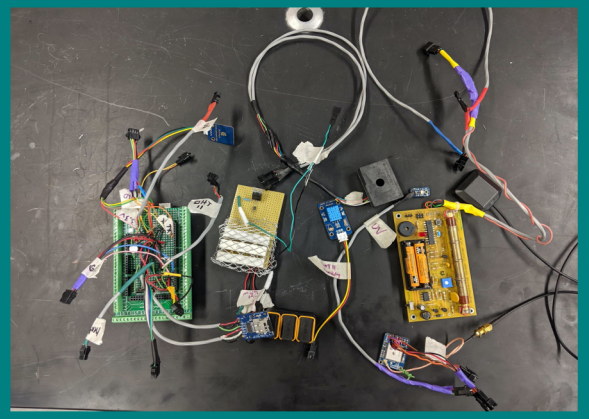
Temperature vs Time

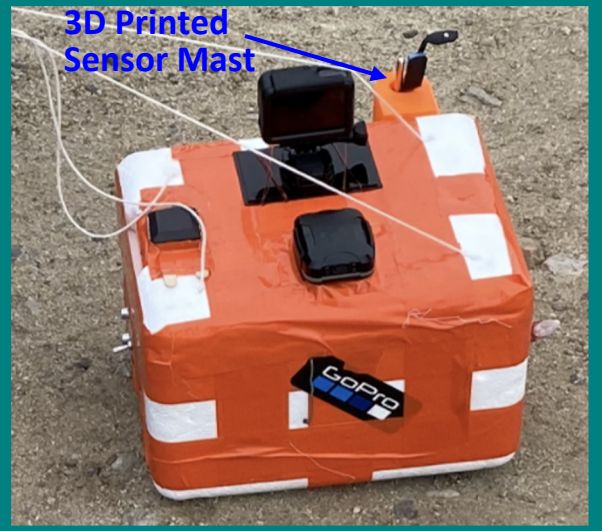


Humidity vs Time



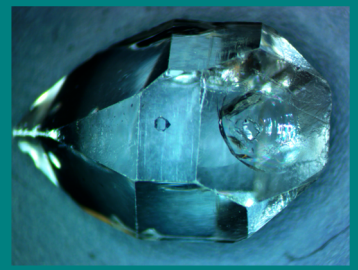






Payload:

- Arduino
- RobotDyn (built in SD)
- Relative humidity sensor
- Heater Module
- Temperature sensor
- GPS chip
- Securing hardware
- Quartz crystal



Quartz crystal with fluid inclusions was not cracked by the low temperatures or pressures

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