

Beneficial Uses of Drones in Emergency Services

Richard Steidell, Police Officer
Boulder CO Police Department
UAS Unit

Hugo, Colorado



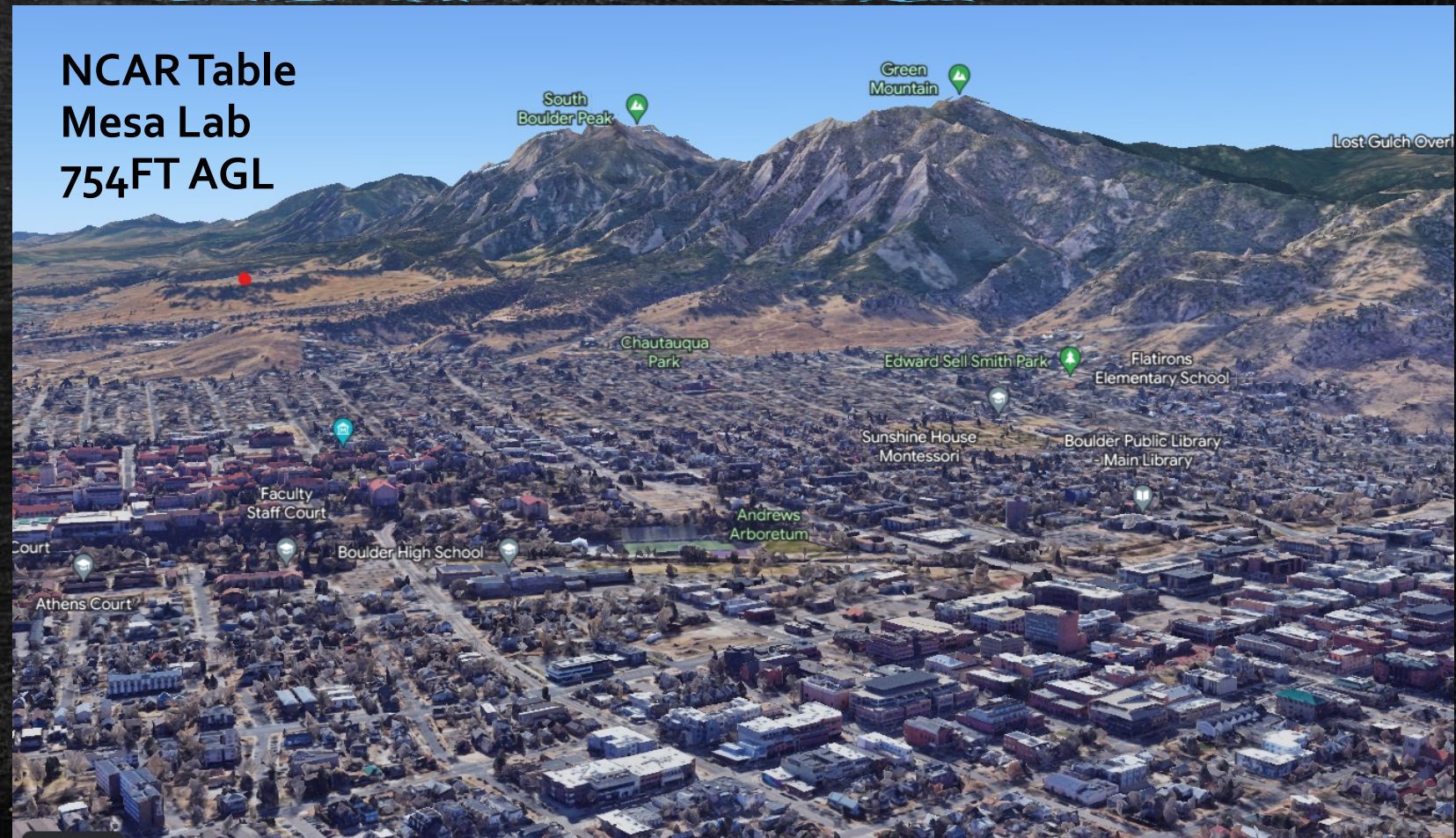


Boulder Police Department UAS Unit

- Established in 2017
- As of May 2023, we have 13 members on the team
- We operate a variety of aircraft which have specific missions. Indoor flight, Overwatch, Crash Reconstruction and DFR.



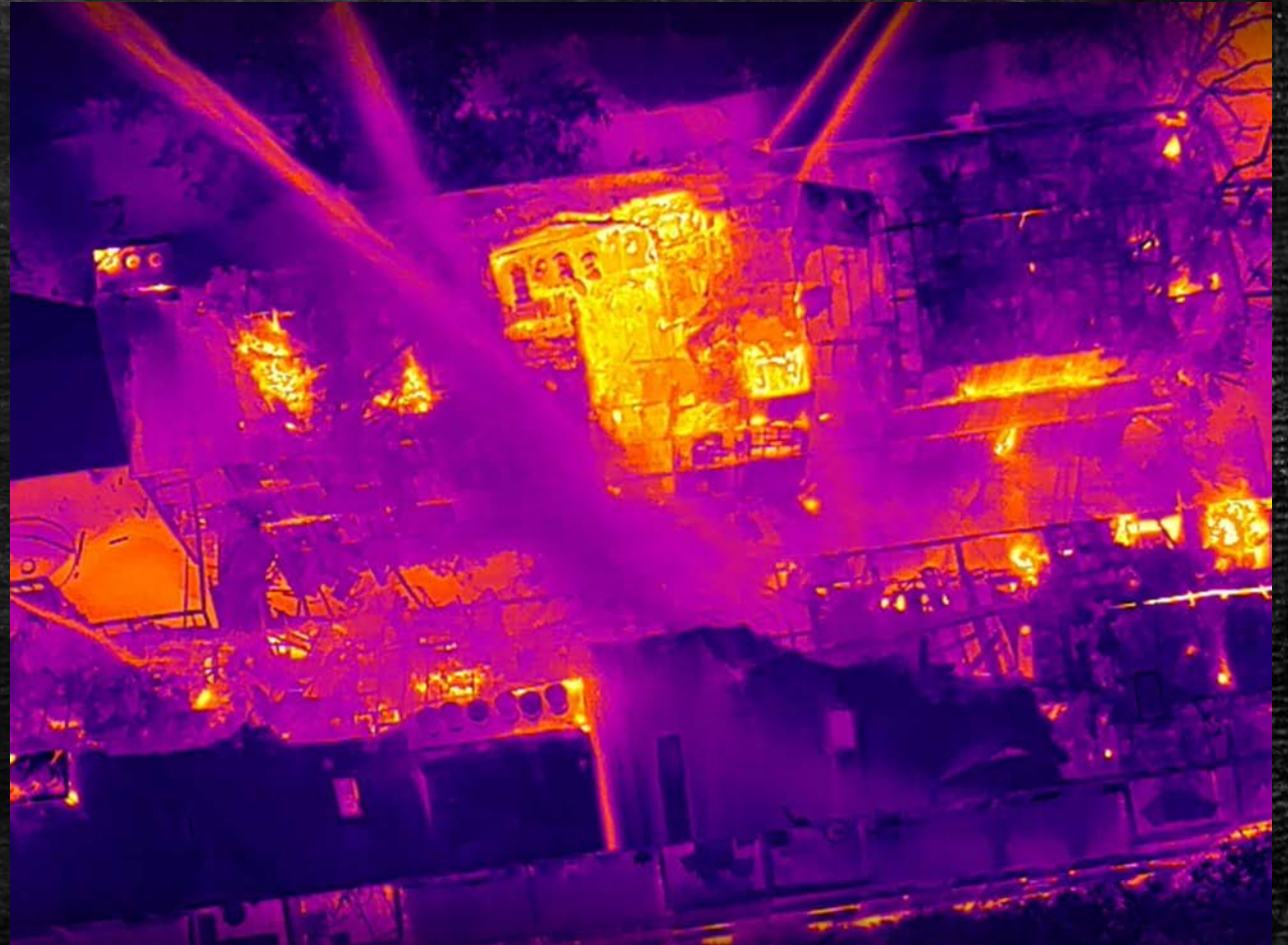
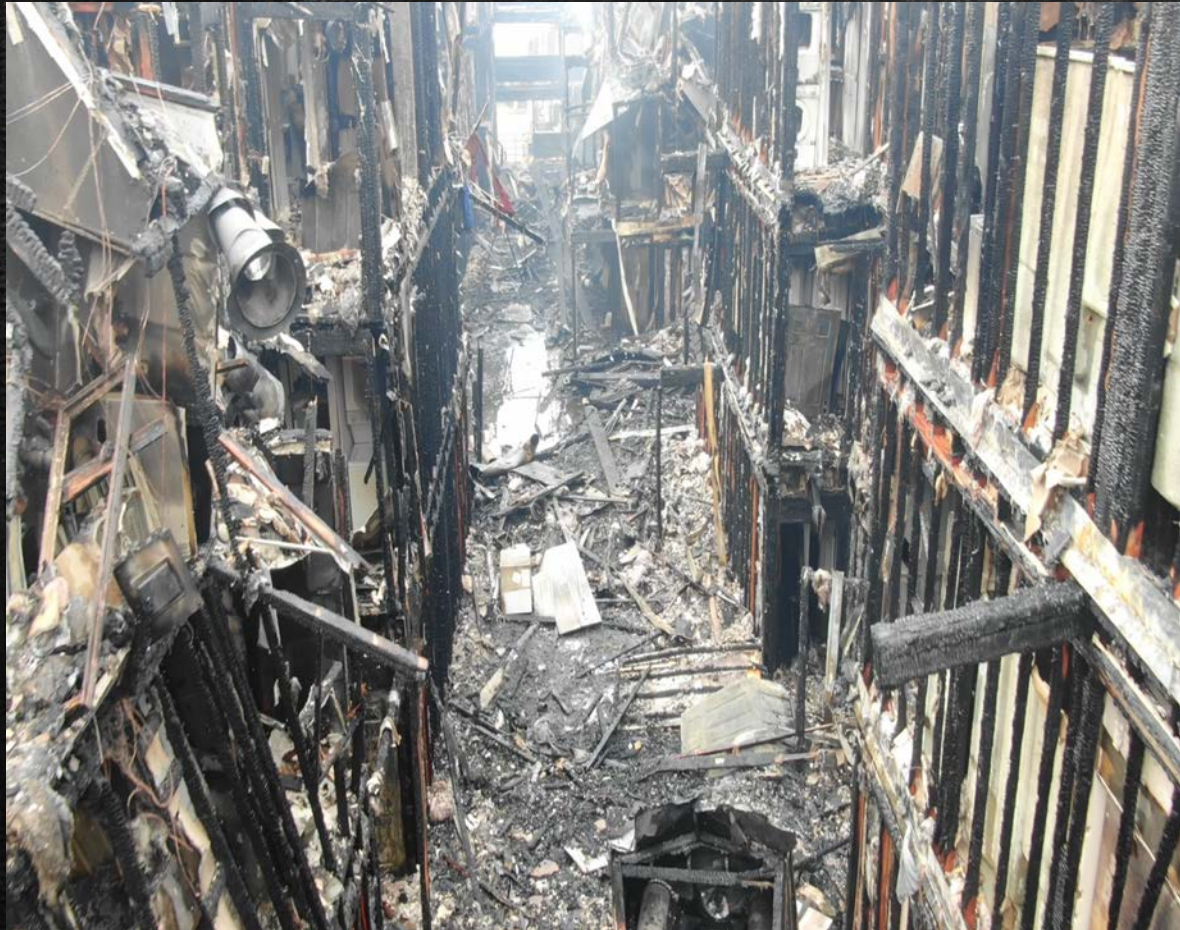
How we receive our Wx:



NCAR Table
Mesa Lab
754FT AGL

Pearl Street Fire Oct, 19th 2021

- 81 Unit Apartment Building



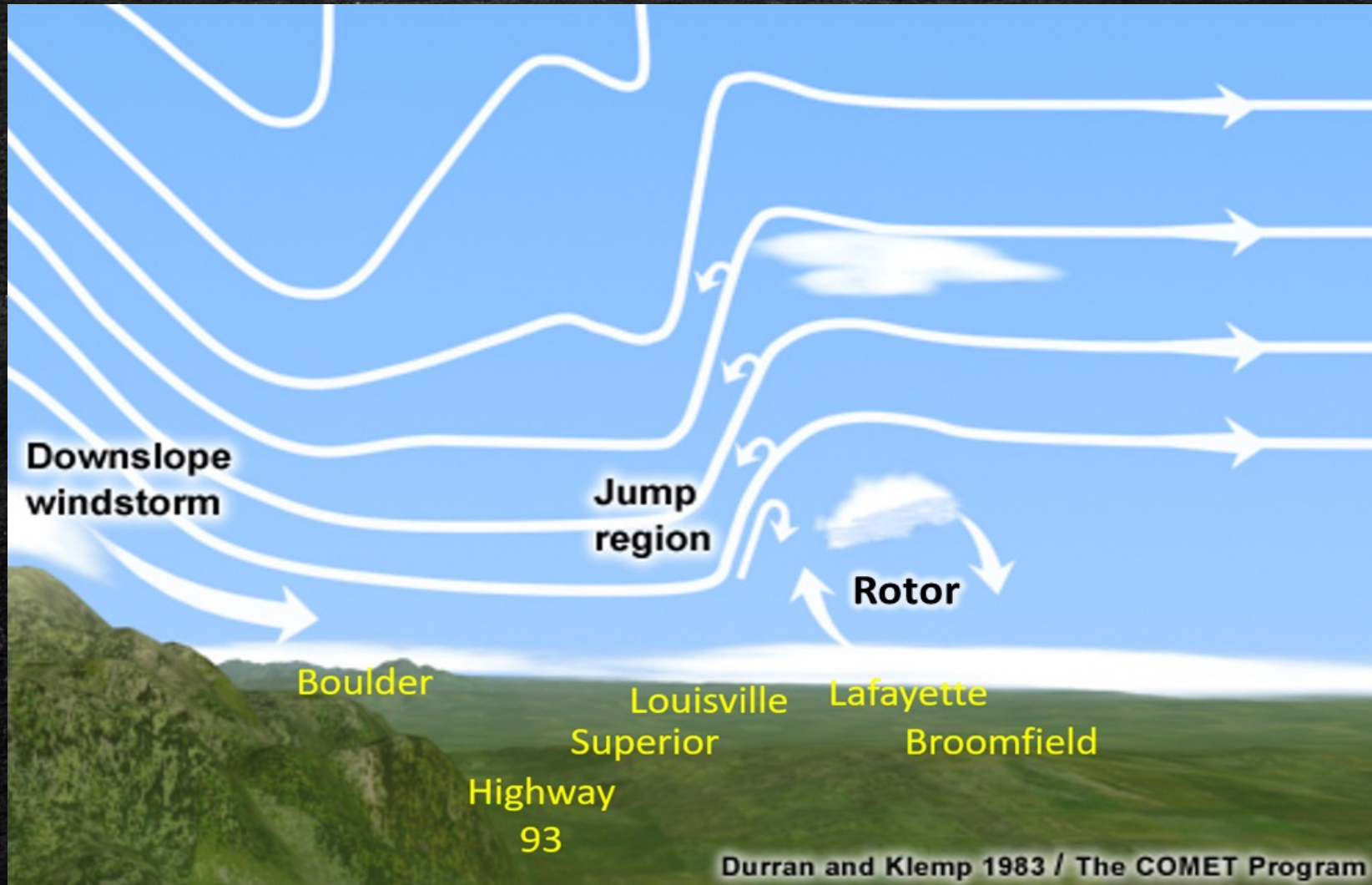


Marshall Fire Dec 30th, 2021 Boulder County

- 1,000+ Structures Destroyed
- 6,000 + Acres
- Gust of 115 mph recorded in Arvada, CO
- Numerous high profile vehicles overturned.
- Firefighting Aircraft were grounded due to the wind.



December 30th, 2021 Mountain Wave



Timelapse from Boulder





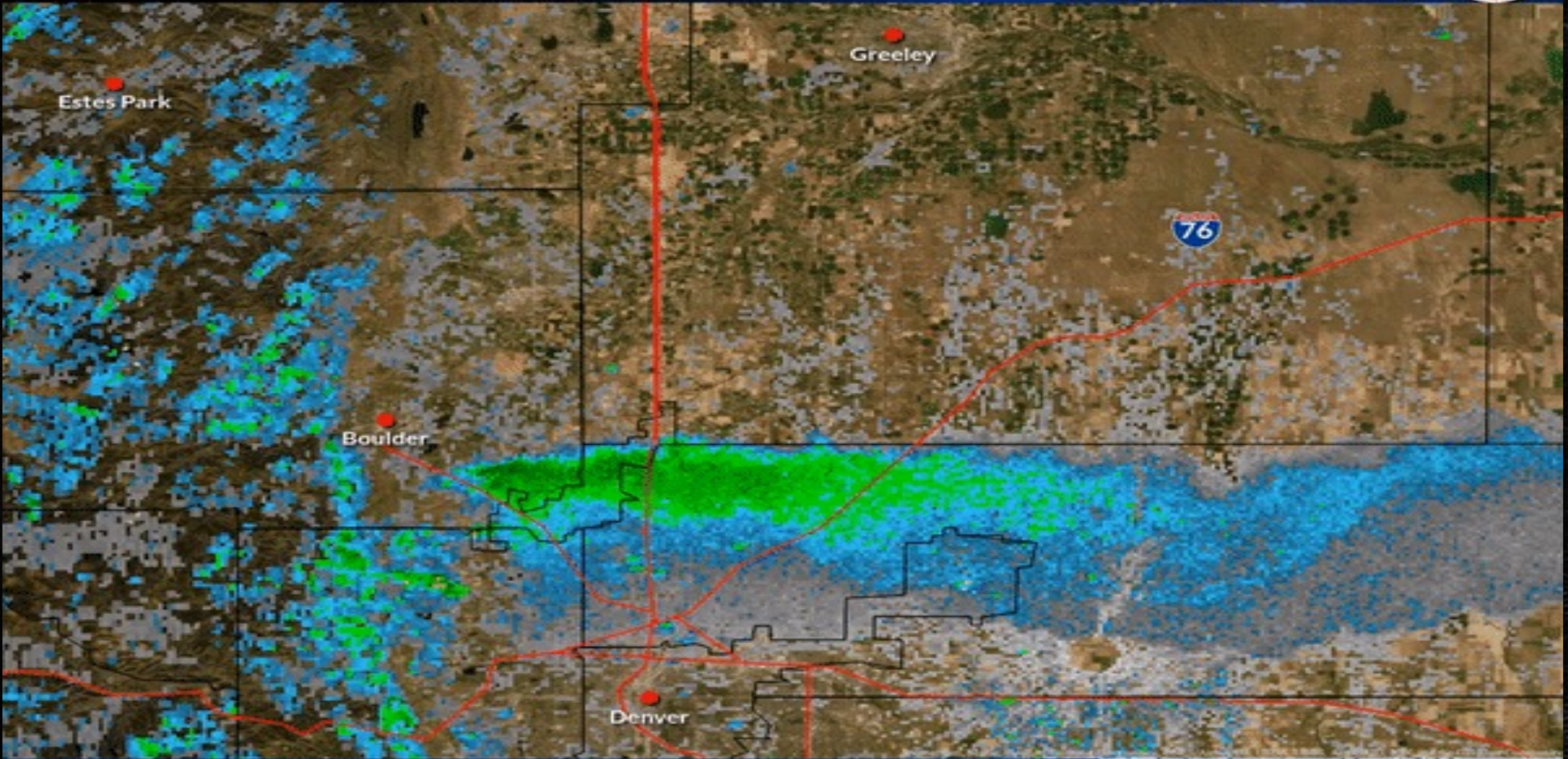
Fire crossing U.S. 36
at Davidson Mesa



Radar Loop of Marshall Fire

Thu 2:27PM

Weather Forecast Office
Denver/Boulder
Issued Dec 30, 2021 3:04 PM MST



Superior, CO







Louisville, CO



