

Log Jumper Fire, Douglas County, CO

Pano detected a lightning-caused fire within minutes and pinpointed its location 0.2 miles from power lines, enabling first responders to act quickly and contain the fire to 1 acre.

On June 20, 2026, a lightning strike ignited a wildfire in a remote area near Castle Rock, Colorado. With no road access or nearby water source, and severe drought gripping the county, the fire could have spread for miles. However, within minutes of ignition, Pano stations detected the smoke and pinpointed its location, at the same time a 911 came in. This early detection and geolocation enabled emergency crews to reach the scene quickly and stop the fire's forward progress within a few hours.



25 MINUTES

Time from alert to first aerial water drop



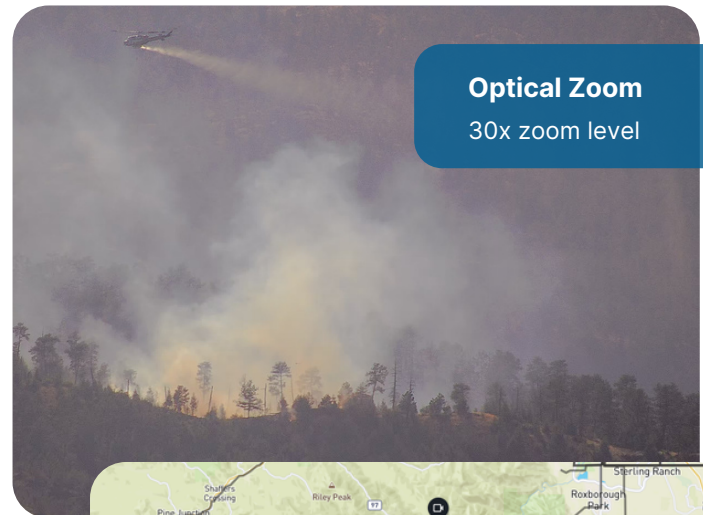
4 HOURS

Time it took to stop forward progress



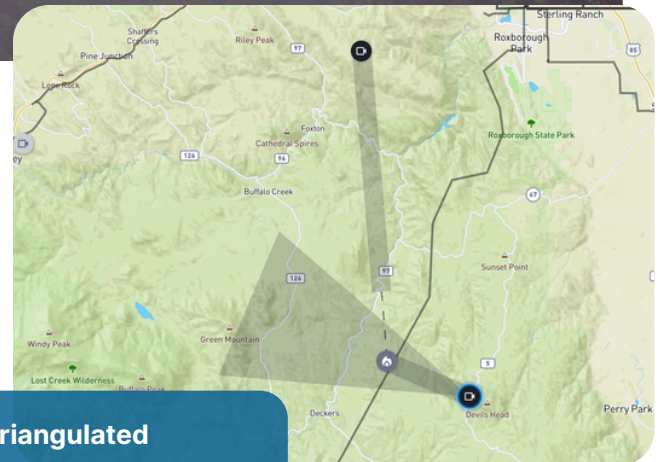
1 ACRE

Size of fire at final containment



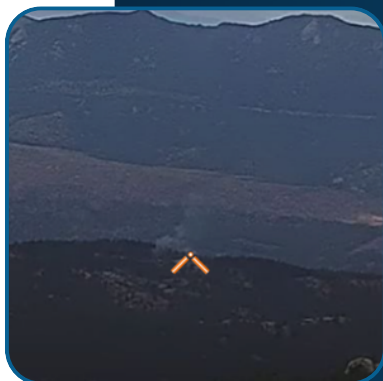
Optical Zoom

30x zoom level



Triangulated

0.2mi from power lines



"This is a **game-changer for public safety**. This technology enables us to get real-time information to actually see the fire, see what's going on, and immediately start dispatching resources to put the fire out."

Darren Weekly

Sheriff, Douglas County Sheriff's Office



Response Timeline

- **3:46 PM** Pano alerts first responders and local utilities, at the same time a 911 call comes in.
- **4:10 PM** First aerial water drop by Douglas County.
- **5:45 PM** Evacuation warning issued for a 3-mile radius.
- **8:00 PM** Crews stop all forward progress; evacuation warning lifted.
- **Next day:** Fire 100% contained at 1 acre.



Source: USFS - PSICC National Forest

Impact and Results

- **Value Beyond Early Detection:** Though a 911 call came in at the same time as Pano's alert, Pano added what the call could not: visual confirmation of the smoke, a precise location, and continuous monitoring.
- **Coordinated Multi-Agency Response:** Seven local and federal agencies coordinated resources to fight the fire, including ground crews, three engines, and two helicopters dumping a total of 9,600 gallons of water.
- **Shared Layer of Protection:** Xcel Energy and CORE Electric Cooperative own the Pano stations that detected the fire and provide access to agencies at no cost. This shared intelligence helps firefighters contain fires early, protecting communities and infrastructure.
- **Successful Early Containment:** The combination of early detection, visual intelligence, and rapid response stopped forward progression within a few hours, and fully contained the fire at 1 acre by the next day.

Pano's Shared Intelligence Helps Keep Fires Small

The Log Jumper Fire ignited where wildfires are hardest to fight — remote, waterless terrain with no road access, amid severe drought. Yet it was held to a single acre by a fast, coordinated attack. The difference wasn't any single entity, but utilities, emergency managers, firefighters, and technology coming together to share one real-time picture. That is how early awareness and tight coordination keep fires small, even in the conditions that make containment hardest.