

USING DRONES IN CRISIS MANAGEMENT





Sdis13

Bouches-du-Rhone Fire department

2 millions people

5 000 km² (1 235 527 acres)

MARSEILLE

1400 professional firefighters

4500 volunteers

143 420 rescue operations (2018)

6192 fires (1856 wildfires)

114 624 rescue to persons

7865 road accidents

880 CBRN operations

13 859 various operations (flood, leaks, door opening, etc.)



AERIAL RECONNAISSANCE

SEARCH AND RESCUE

TRANSPORT OF LOADS



INCIDENT COMMANDER's TOOL

STREAMING for COMMAND POST

REDUCE COST

CREWS PROTECTION
(3D concept - « dull, dirty, dangerous »)



Long autonomy drone (1h30) and powerful payload (zoom/ day and night cam)



Indoor drone with thermal camera



Long autonomy (45 min) and weight < 1kg



Long range flight (>1km) and 1h30 autonomy



Ordinary drone / excellent cost effectiveness



Waterproof



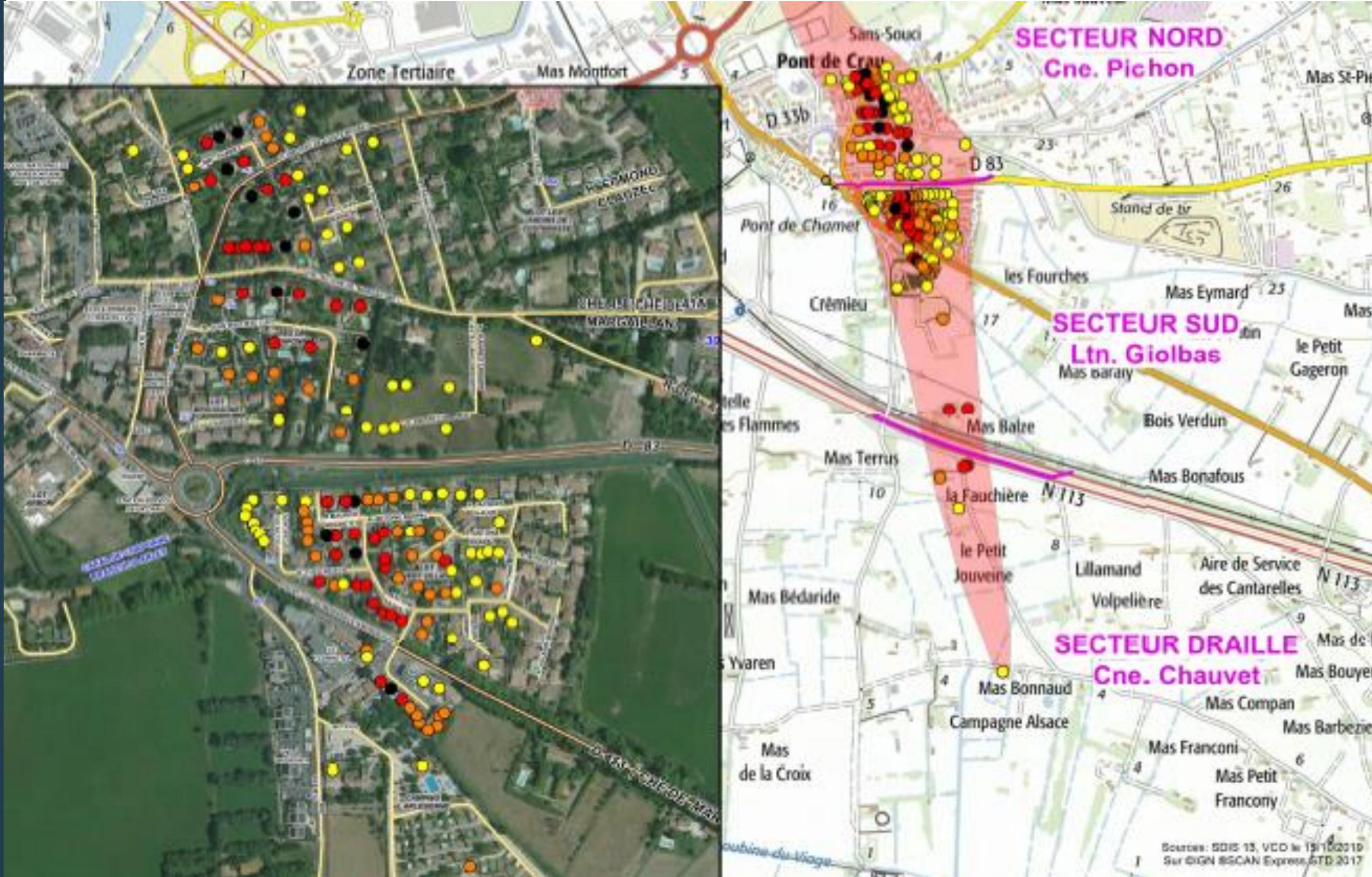
Communication operation ↗

The POMPIERS13 drones fleet

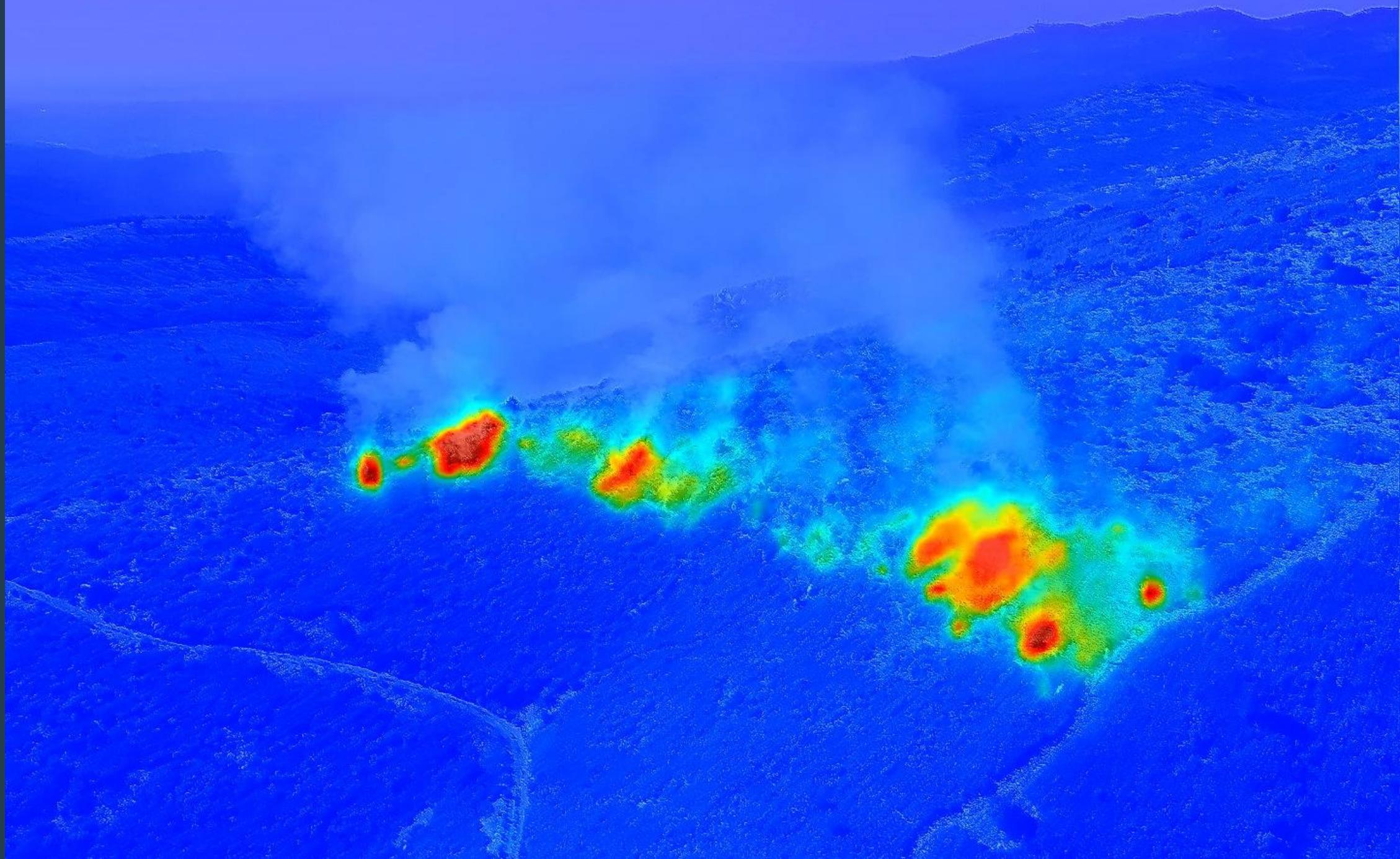


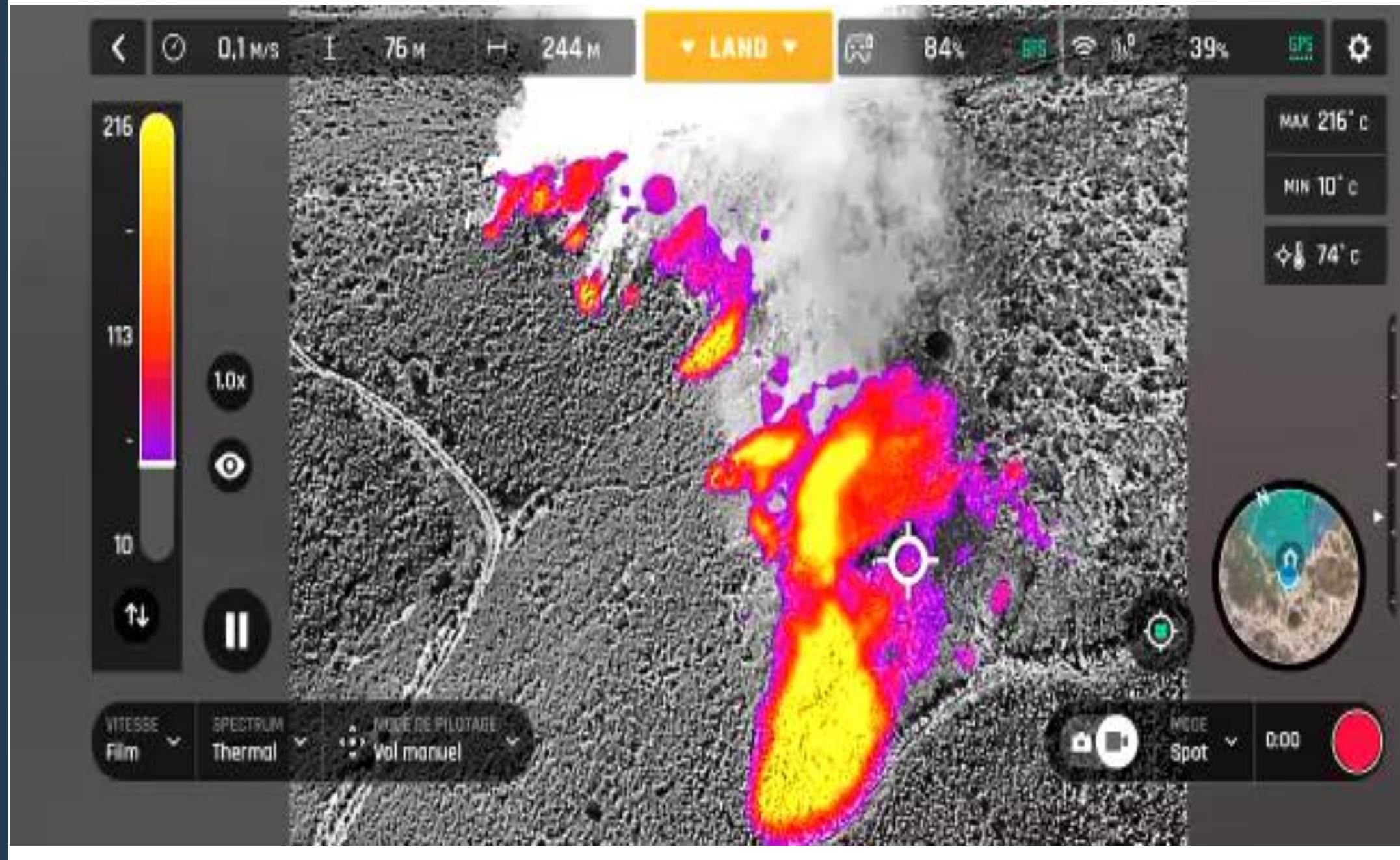




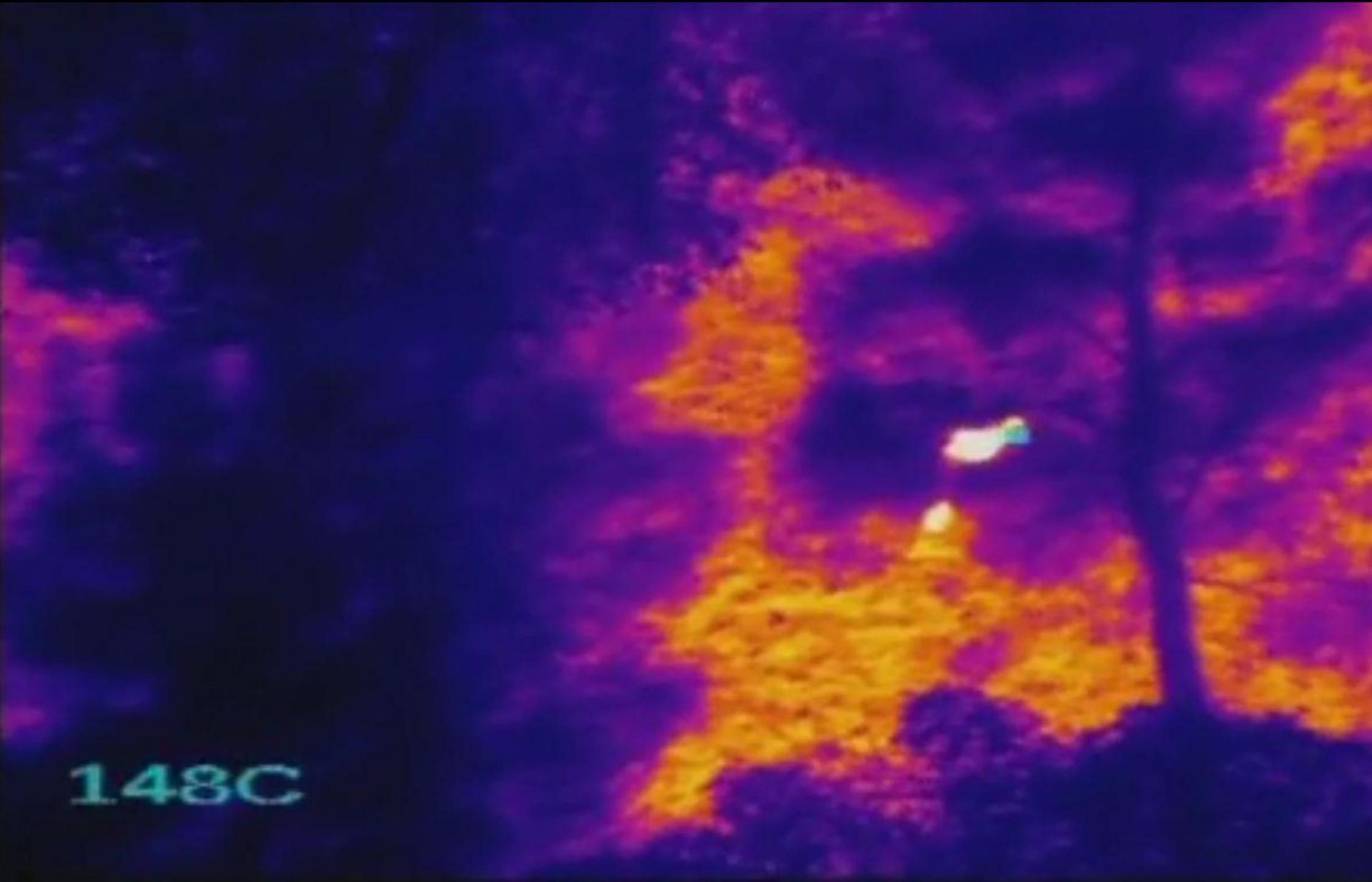












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CONCOURS
Lépine

Drone « Firefighter » II
Drop 30 liters of water

