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| **Incident Name:**LopezCA-SLU-012773 | **IR Interpreter(s):**Jen FrazerJennifer\_frazer@firenet.gov | **Local Dispatch Phone:**SLU ECC805-543-4242 | **Interpreted Size:**182 Acres |
| **Flight Time:**2232 PDT**Flight Date:**09/21/2019 | **Interpreter(s) location:**White Sulphur Springs, MT**Interpreter(s) Phone:**W: 406-547-6010C: 203-695-1207 | **GACC IR Liaison:**Kyle Felker**GACC IR Liaison Phone:**530-251-6112 | **National Coordinator:**Tom Mellin**National Coord. Phone:**505-842-3845 |
| **Ordered By:**CALFIRE; SLU ECC | **A Number:**A - 12 | **Aircraft/Scanner System:**N149Z / Phoenix | **Pilots/Techs:**Mike/Kristina |
| **IRIN Comments on imagery:**1 scan, N-S flight path. Fairly clear imagery. Overall imagery shifted approximately 150ft to the east. As expected, some distortion in deeper ravines.  | **Weather at time of flight:**Clear | **Flight Objective:**Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**09/21/2019 – 2240 PDT | **Type of media for final product:**Shape files, KMZ, PDF, and IRIN Log**Digital files sent to:** NIFC FTP @ /incident\_specific\_data/calif\_2/!2019\_FEDERAL\_Incidents/CA-SLU-012773\_Lopez/IR/20190922Email: SLU.ECC@FIRE.CA.GOV; dawnsfiresite@gmailcom (GISS, Dawn Hutchinson) |
| **Date and Time Products Delivered to Incident:**09/21/2019 – 2405 PDT; shapefiles loaded/emailed09/21/2019 - 2450 PDT; log, maps, kmls loaded/emailed |
| **Comments /notes on tonight’s mission and this interpretation:**No starting perimeter available; new incident. Made contact with GISS Dawn Hutchinson at 1932 PDT. Confirmed location of scan box and needs spatial data before all products. Four isolated heat sources located outside the Active Fire area and within community area to the south (approx. 0.75m away). Locations are within the Regional Map, with Lat /Long on map. No Isolated heat sources found within area four miles north of heat perimeter (see Regional map).Isolated Heat – One Signature was observed outside heat perimeter in the NW corner, east of the side drainage feeding into Wittenberg Creek which parallels the western flank. *No heat was observed west of this ravine*. Other isolated heat sources were large enough with cooled heat under them, they are defined as smaller heat perimeters. There were 7 along the east flank, and one in the NW.Intense Heat – Heat perimeter had a lot of heat; areas defined as intense where higher in density and usually surrounded by flaring (heated gasses) in the imagery. Scattered Heat – Scattered heat throughout most of the fire perimeter. Areas defined as scattered heat were starting to cool, but in many areas was dense held a lot of heat. Only small regions in the imagery were defined as cool (no scattered heat depicted). |