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| **Incident Names:**  Dixie  ID-NCF-000448  Jumbo  ID-NCF-000463 | **IR Interpreter(s):**  Mark Grupe  **Interpreter Email:**  Mark\_grupe@nps.gov | **Local Dispatch:**  Grangeville Dispatch  **Phone:**  (208) 983-6803 | **Interpreted Size:**  Dixie: 43,268 40,519 acres  Jumbo: 2,417 acres  **Growth last period:**  Dixie: 2,749 acres  Jumbo: 18 acres |
| **Flight Date/Time:**  Dixie  7/28/21 1655PDT  Jumbo  7/28/2021 1650PDT | **Interpreter(s) location:**  Placerville, CA  **Interpreter(s) Phone:**  415-999-6571 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  (406) 529-6366 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505 301 8167 |
| **Ordered By: SITL**  Katie Renwick  4065441506  Katherine\_renwick@firenet.gov | **A Number:**  A-135 | **Aircraft/Scanner System:**  N350FV Tenax | **Pilots/Techs:**  Tech: Pierce |
| **IRIN Comments on imagery:**  Dixie – Good  Jumbo – entire image shifted to the south 150’ | | **Weather at time of flight:**  Dixie: Clear  Jumbo: Some clouds see below | **Flight Objective:**  IR heat perimeter & heat sources |
| **Date and Time Imagery Received by Interpreter:**  7/28/2021 1800 PDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps  **Digital files sent to:**  <https://ftp.nifc.gov/public/incident_specific_data/n_rockies\2021_fires/2021_Dixie/IR>  and uploaded to NIFS IR Polygon Feature Class  **Emailed to:** Cheryl.hogan@usda.gov; [adam.warren@usda.gov](mailto:adam.warren@usda.gov); Christopher.marabetta@usda.gov | |
| **Date and Time Products Delivered to Incident:**  7/28/2021 2030PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Interpretation started from perimeter found in the NIFS Event Polygon feature class.  Dixie: Clear imagery. Most activity in southern tip and norther area of the fire as usual for the past few nights, although ctivity in the north less than previous nights.  Jumbo: Clouds covered the northern and southern portions of the fire which have had the most active fire behavior. No detectable heat was seen through the cloud cover in these areas. The central portion was clear and heat on the west and east was detectable.  Georeferencing of the imagery was much better for both fires tonight than previous night and portions of the perimeters not covered by clouds were refined, including shrinking the perimeter in some spots.  Some acreage growth of Dixie and Jumbo can be attributed to filling in smaller islands of unburned areas within the perimeter.  In order to provide IR products in a timely manner, only major areas of intense and scattered heat were mapped and only isolated heats near the perimeter or outside the perimeter were mapped. | | | |
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