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| **Incident Name:**  Lightner Creek  CO-LPX-000459 | **IR Interpreter(s):**  Bob Brantlinger  [rbrantlinger@fs.fed.us](mailto:clferland@fs.fed.us) | **Local Dispatch Phone:**  Durango Dispatch  970-385-1324 | **Interpreted Size:**  399 Acres  **Growth last period:**  0 Acres from incident perimeter |
| **Flight Time:**  2111 - MDT  **Flight Date:**  06/30/2017 | **Interpreter(s) location:**  Durango, Colorado  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Tom Mellin  **GACC IR Liaison Phone:**  505-301-8167 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Durango Dispatch  970-385-1324 | **A Number:**  A#-43 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Dan Johnson / Kris Nelson  Mike Mann (IR Tech) |
| **IRIN Comments on imagery:**  Great imagery. One pass, east-west. | | **Weather at time of flight**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  06/30/2017 – 2200 MDT | | **Type of media for final product:**  Pdf map, KMZ, IR log and shapefiles  **Digital files sent to:**  [ftp.nifc.gov//incident\_specific\_data/rocky\_mtn/2017/Lightner Creek/IR/20170701](ftp://ftp.nifc.gov//incident_specific_data/rocky_mtn/2017/Lightner%20Creek/IR/20170701) | |
| **Date and Time Products Delivered to Incident:**  06/30/2017 - 2330 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started interpretation from Incident provided perimeter named Event2 in geodatabase labeled “20170630\_2200hrs\_Lightner\_Creek\_CO-LPX459\_Event.gdb”.  Layer came in Web Mecator auxillary and converted to NAD83Z13.  Acres = 399.  Intense heat – No Intense heat observed.  In the Western Fire, Intense band along the whole eastern perimeter boundary.  Scattered Heat – Small areas in denser vegetation locations. In the western fire perimeter, inside the perimeter, along the central southern perimeter. In the Eastern fire perimeter, along the eastern flank, 2 small areas  Isolated heat sources – In the western fire there is one point outside the perimeter on the eastern perimeter line. This is near the new perimeter growth area from yesterday and appears be near a small water impoundment and likely could be equipment or false trip from the water surface. All Isolated heat sources are attributed with LAT/LONG in the layers attribute table.  All pdfs are georeferenced for use in locational apps. IE Avenza. | | | |