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| **Incident Name:**  Mirror Lake Complex  UT-UWF-001048 | **IR Interpreter(s):**  Buck Buchanan  [kozy4ster@bellsouth.net](mailto:kozy4ster@bellsouth.net) | **Local Dispatch Phone:**  Northern Utah  801-495-7600 | **Interpreted Size:**  Slate - 663 Acres  Murdock – 4,475 Acres  **Growth last period:**  Slate - 9 Acres  Murdock – 1,525 Acres |
| **Flight Time:**  2057 MDT  **Flight Date:**  09/29/2018 | **Interpreter(s) location:**  Kosciusko, MS  **Interpreter(s) Phone:**  601-663-6927 | **GACC IR Liaison:**  Nate Yorgason  **GACC IR Liaison Phone:**  435-590-1107 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  (208)387-5900 |
| **Ordered By:**  Rob Frisk | **A Number:**  34 | **Aircraft/Scanner System:**  144Z/Phoenix | **Pilots/Techs:**  Netcher/Boyce/Kuenzi |
| **IRIN Comments on imagery:**  2 runs, clear imagery | | **Weather at time of flight:**  Clear | **Flight Objective:**  Heat detection and mapping |
| **Date and Time Imagery Received by Interpreter:**  09/29/2018 2115 MDT | | **Type of media for final product:**  PDF map, zipped shapefiles, log and KMZ files  **Digital files sent to:**  /incident\_specific\_data/great\_basin/2018\_Incidents/2018\_MirrorLakeComplex/IR/20180930 | |
| **Date and Time Products Delivered to Incident:**  09/30/2018 at 0015 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with the previous IR perimeters.  Slate Fire had only a few small areas of growth to the perimeter. Most of the growth tonight was downslope south and east of Duke, and west of Upper Yellow Pine Lake. No intense heat was observed tonight on Slate. Scattered heat was found within less than a quarter of the remaining perimeter. The western edge of the fire was not covered by the IR flight tonight and is mapped as No Data.  Murdock Fire made a 3-mile run northward to the base of Mount Agassiz near Shale Lake. Other areas of growth were mostly to the east in the area of Marcell Canyon toward Margo Lake. The small spot between Margo Lake and Pinto Lake has grown and spotting toward Pinto Lake. Growth was also observed east of Tarweed Flat and upslope into the wilderness. Another finger of growth is in Murdock Basin. Several areas on the north, east, and west flanks had Intense heat, mainly in the areas of growth to the north and east. The largest area of intense heat was in the large push north. Spotting was observed along and in front of all areas of growth and intense heat. Areas not covered with intense heat had scattered heat that extended down toward the southern end. Very little heat was observed in the remaining area above Little Deer Creek.  Several isolated heat sources were observed on both sides of Murdock. Most of these were in campgrounds or other areas, such as lakes, that appear to be favorable for camping.  Please notify me of any map errors, perimeter updates, questions or feedback that could help improve the quality products delivered. Contact information can be found above. | | | |