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| **Incident Name:**  Mesa  ID-PAF-000270 | **IR Interpreter(s):**  Zack Muirbrook  [zmuirbrook@fs.fed.us](mailto:zmuirbrook@fs.fed.us) | **Local Dispatch Phone:**  Payette | **Interpreted Size (acres)**  **27,099**  **Growth last period (acres): 1,522** |
| **Flight Time:**  2007 MDT  **Flight Date:**  07/29/2018 | **Interpreter(s) location:**  Idaho Falls, Id  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Nate Yorgason  **GACC IR Liaison Phone:**  435-590-1107 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Roger Beckman | **A Number:**  A-70 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Boyce/Johnson/Mann |
| **IRIN Comments on imagery:**  Two N/S runs, both looked good. | | **Weather at time of flight:**  clear | **Flight Objective:**  Heat detection & mapping |
| **Date and Time Imagery Received by Interpreter:**  07/29/2018 2030 MDT | | **Type of media for final product:**  PDF Maps, shapefiles, log, kmz.  **Digital files sent to:**  http://incident\_specific\_data/great\_basin/2018\_incidents/2018\_Mesa/IR | |
| **Date and Time Products Delivered to Incident:**  07/29/2018 2245 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I used last nights IR perimeter as a starting point. The fire did not grow near as much today. Growth as concentrated mostly around the east. It is also moving north and south on the east side. Small patches of intense heat are mostly concurrent with the growth. Many buildings to the west of the fire were triggering heat signatures (likely because of the early flight). I did NOT map any that that were coincident with structures. There were two spots that I did map beacause I could not tell their source. They are both two miles from the perimeter. One to the north and the other SW. The rest of the isolated heat sources outside the perimeter were close to it and were most likely from the fire. The west is very cool with stringers of scattered heat. Scattered heat covers all of the east side.  From earlier interpretations, there are probably areas that burned outside of the perimeter, and probably some areas in the perimeter that did not burn. It might be beneficial to get some ground truthing in the west. | | | |
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