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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)**  **25,577**  **Growth last period (acres): 14,839** |
| **Flight Time:**  0309 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-59 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Boyce/Johnson/Mann |
| **IRIN Comments on imagery:**  Two 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 0335 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 0610 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I used last night’s IR perimeter as a starting point. A map on the ftp looks like there was an estimated perimeter but I did not have access to it. I georeferenced the map best I could and digitized from it in areas where I wasn’t sure on heat.  The perimeter was very difficult to interpret. There are areas I could tell heat had been towards the west, but was very cool other than some isolated spots. Towards the east where there was heavier vegetation the heat was much more mapable. The east side also had the most intense heat. Where it burned through grass was very cool other than isolated spots, but I mapped a lot of them as scattered heat due to time constraints.  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 and along the estimated lines. | | | |
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