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| **Incident Name:**  Tepee Springs  (ID-PAF-000192) | **IR Interpreter(s):**  Cheron Ferland  Dale Gough (t)  clferland@fs.fed.us | **Local Dispatch Phone:**  ID-PAC (208-634-2757) | **Interpreted Size:**  9,953 Acres  **Growth last period:**  1,643 Acres |
| **Flight Time:**  1952 MDT  **Flight Date:**  Aug. 22, 2015 | **Interpreter(s) location:**  Oakridge OR  **Interpreter(s) Phone:**  541 654-1122 | **GACC IR Liaison:**  Hope Spriggs  **GACC IR Liaison Phone:**  208-501-4168 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  208-870-5066 |
| **Ordered By:**  ID-PAC (208-634-2757) | **A Number:**  A-42 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Kingsbury/Johnson/Kazimir(IR Tech) |
| **IRIN Comments on imagery:**  Imagery was very tricky with abundant false heat signatures which appeared to be rock reflectance.  Also the next IR scan order should expand the scan box one mile to the north and at least two miles to the south. Can also remove the smaller scan box from the order (there have been two boxes the past few nights and the smaller one is an artifact of earlier scanner orders) | | **Weather at time of flight**  Clear | **Flight Objective:**  Map heat perimeter, intense heat, scattered heat and isolated heat |
| **Date and Time Imagery Received by Interpreter:** | | **Type of media for final product:**  Pdf maps, kmz, ir log and shapefiles  **Digital files sent to:**  ftp.nifc.gov/incident\_specific\_data/great\_basin/2015\_Incident/2015\_Tepee\_Springs/IR/ | |
| **Date and Time Products Delivered to Incident:**  Aug. 21, 2015 @ 2400 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  This was a very challenging fire to map based on the imagery which triggered a lot of what I think are false heat detects. It appears the false triggers were rock reflectance and they were numerous to the west and north of the main heat perimeter. I depicted the general areas of false heat with purple circles on the map. There was also one area of what appeared to be consolidated heat on the very eastern edge of the IR scan two miles due east of the northern perimeter of the fire in the Warm Springs Creek drainage. This area is depicted on the map with a blue circle.  There was heat perimeter growth on the fire tonight. One are of intense heat expanded the perimeter just north of Buck Lake. The largest expansion zones however were along the southern flank where intense heat expanded the perimeter up to a mile and half south approaching Bascom Canyon.  There is abundant heat throughout the southern half and northern quarter of the interior of the fire.  Also the next IR scan order should expand the scan box one mile to the north and at least two miles to the south. Can also remove the smaller scan box from the order. There have been two boxes the past few nights and I think the smaller one is an artifact of earlier scanner orders. | | | |