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| **Incident Name:**  National Creek Complex | **IR Interpreter(s):**  Chad Horman | **Local Dispatch Phone:**  541-618-2505 | **Interpreted Size:**  Complex Total - 7,021 acres  Crescent Fire – 6,900 acres  National Fire – 120 acres  **Growth last period:**  Complex Total – 793 acres  Crescent Fire – 793 acres  National Fire – 0 acre |
| **Flight Time:**  2224 PDT  **Flight Date:**  8/18/15 | **Interpreter(s) location:**  Cedar City, Utah  **Interpreter(s) Phone:**  C – (435) 865-3731 Office  C – (435) 590-6088 Cell  chorman@fs.fed.us | **GACC IR Liaison:**  Jim Grace  **GACC IR Liaison Phone:**  541-771-4521 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  208-387-5381  208-870-5066 (cell) |
| **Ordered By:**  Chris Buhrig | **A Number:**  A-42 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Kingsbury/Lowery/Kazimir |
| **IRIN Comments on imagery:**  Orthorectification was off by 137 feet to the south. Imagery was clear. | | **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:**  8/18/15 @ 2231 MDT | | **Type of media for final product:**  Shapefiles (.zip), pdf maps x 3, IRIN log, KMZ file  **Digital files sent to:**  ftp://ftp.nifc.gov/incident\_specific\_data/pacific\_nw/2015\_Incidents\_Oregon/NationalCrkComplex/IR/20150819 | |
| **Date and Time Products Delivered to Incident:**  8/19/15 @ 0545 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with last night’s (8/18/15) IR perimeter. Orthorectification was off to the south. Used the raster shift tool to create a color.tiff and ortho.tiff file that was shifted 138 feet to the north. Used the naip imagery as the reference image to correct the IR imagery. Specifically, the highway and Lake West as the reference points to adjust the IR imagery.  Crescent – Fire perimeter continues to expand. Main areas of growth were south side of Bald Crater and on the burnout on the west side of the fire. The southern half of Bald Crater has burned over from the base to the top. Active spotting is occurring now to the east of Bald Crater. Intense heat along most of the perimeter on the east flank. Both burnouts continue to expand.  Upper half of the west flank had limited amounts of perimeter growth with pockets of intense heat. Lower half of the west flank is fairly cool. Interior pockets of intense heat and scattered heat around islands of unburned fuel. Majority of interior contains isolated heat sources.  National – No perimeter growth and no heat observed. | | | |