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| **Incident Name:**National Creek Complex | **IR Interpreter(s):**Chad Horman  | **Local Dispatch Phone:**541-618-2505 | **Interpreted Size:**Complex Total - 2,971 acresCrescent Fire – 2,852 acresNational Fire – 119 acres**Growth last period:**Complex Total – 951 acresCrescent Fire – 951 acresNational Fire – 0 acres |
| **Flight Time:**2032 PDT**Flight Date:**8/12/15 | **Interpreter(s) location:**Cedar City, Utah**Interpreter(s) Phone:**C – (435) 865-3731 OfficeC – (435) 590-6088 Cellchorman@fs.fed.us | **GACC IR Liaison:**Jim Grace**GACC IR Liaison Phone:**541-771-4521 | **National Coordinator:**Tom Mellin**National Coord. Phone:**208-387-5381 |
| **Ordered By:**Chris | **A Number:**A-31 | **Aircraft/Scanner System:**N144Z/Phoenix | **Pilots/Techs:**Johnson/Lowery/Kuenzi |
| **IRIN Comments on imagery:**Orthorectification very good. Series of striations across the imagery in the middle. Did not interfere too much with ability to interpret the image. The ortho.tiff appeared washed out or faded compared to previous evenings.  | **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:**8/12/15 @ 2142 MDT | **Type of media for final product:**Shapefiles (.zip), pdf maps x 6, IRIN log, KMZ file**Digital files sent to:**ftp://ftp.nifc.gov/incident\_specific\_data/pacific\_nw/2015\_Incidents\_Oregon/NationalCrkComplex/IR/20150813 |
| **Date and Time Products Delivered to Incident:**8/13/15 @ 0115 MDT |
| **Comments /notes on tonight’s mission and this interpretation:** Started with previous night’s (8/12/15) IR perimeter. The scattered heat was difficult to interpret because of an apparent halo effect across the center portion of the interior. I usually use the b&w ortho.tiff to map scattered heat, but there was a significant amount of scattered heat being shown on the b&w that was not evident on the color.tiff. I used the color.tiff to map the interior scattered heat. Not as confident in the scattered heat interpretation was I would be if I was able to rely on the ortho.tiff. Crescent Fire – Fire had growth to the north, east and west flanks. On the north end, the fire perimeter advanced a mile north. It has crossed the Rogue River and is 0.25 mile south of Hwy 230. Intense heat located throughout the recently burned area. One the east side the perimeter increased up to 0.8 miles and is burning towards Bald Crater. Also on the east side, the fire has burned east of Crescent Ridge about 0.2 miles. On the west flank, a finger has extended out about 0.4 miles with intense flame inside. There are three unburned islands of fuel in the interior. National Fire – No perimeter growth. Five isolated heat sources and one small pocket of scattered heat in the interior. There was a little bit of image stretch due the steep south facing slope.  There are two sets of maps included. One set shows heat perimeter, scattered heat, intense heat and isolated heat. The other set shows the same data, plus a layer called burn area that better highlights at a glance where the unburned islands are. It is simply the heat perimeter layer with a yellow fill set to 85% transparency. Any feedback on the utility would be appreciated. |