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| **Incident Name:**  Happy Camp Complex  CA-KNF-005956 | **IR Interpreter(s):**  Chad Horman (T)  Nate Yorgason | **Local Dispatch Phone:**  Klamath NF Expanded | **Interpreted Size:**  5,833 acres  **Growth last period:**  1,084 acres |
| **Flight Time:**  2235  **Flight Date:**  8/17/14 | **Interpreter(s) location:**  Cedar City, UT  **Interpreter(s) Phone:**  Chad - 435-865-3731  Nate - 435-865-3227 | **Regional Coordinator:**  Kyle Felker  **Regional Coord. Phone:**  503.842.3380 | **National Coordinator:**  Barry Stern  **National Coord. Phone:**  505.842.3845 |
| **Ordered By:**  Klamath NF | **Order Number:**  A-39 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Ed Netcher & Andre Mascheroni (Pilots)/Woody S. (Tech) |
| **IRIN Comments on imagery:**  Imagery seemed hazy and washed out, especially South 1 run. On South 1 appears cloud through middle of imagery, not sure if it is a heat plume or what. It was on both color and ortho. South 2 did not have the cloud in it. | | **Weather at time of flight:**  Thunderstorms in area. Affected some of the imagery. | **Flight Objective:**  Map Heat Perimeter, Intense Heat, Isolated Heat, and Scattered Heat |
| **Date and Time Imagery Received by Interpreter:**  8/17/14 @ 2340 MDT | | **Type of media for final product:**  PDF Map, Shapefiles, and KMZ  **Electronic file sent to:**  ftp://ftp.nifc.gov/Incident\_Specific\_Data/CALIF\_N/!2014\_FEDERAL\_Incidents/CA-KNF-005956\_Happy\_Camp\_Cmplx/IR/20140817 | |
| **Date and Time Imagery Delivered to Incident:**  8/18/14 @ 0430 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with the previous days IR layer (8/17/2014 @ 0059). Problems with the scan boxes; Sutcliffe, Mill, Tims and southern tip of Falkstein were outside of imagery. Recommend the following box coordinates: North box - N 42 02; E 123 26; S 41 54; W 123 32. Middle box - N 41 55; E 123 13; S 41 43; W 123 26. South box - N 41 44; E 123 9; S 41 39; W 123 16.  Sutcliffe Fire (27 acres) - No data, fire was outside of scan box.  Falkstein Fire (640 acres) - Increase 7 acres. Total area was cloud covered. Only three heat sources showed up. Two near the the northwest portion of the fire. I extended perimeter to include them. The third heat source is on the west side of Stones Valley about 1/10th mile south of fire perimeter. It was mapped as a separate polygon at this time. Scan box was not wide enough the southern tip and previous day's spot fires were not inlcuded in the imagery.  China Fire (3 acres) - No heat and no growth. Some cloud cover.  Frying Pan Fire (4,924 acres) - Fire continues to be very active in the southeast half. Perimeter growth seen on southern, eastern and northeastern flanks. Burn area increased 1,076 acres. Intense heat associated with all areas of active growth. There was a small amount of perimeter growth in a portion of the western flank at the mouth of Elk Creek. Isolated heat sources are still scattered throughout the interior of the burn. New spot fire about mid-slope across from the mouth of Little Elk Creek on the southern end of the fire. Isolated heat source mapped across the Klamath River south of Muck-a-Muck Mine.  Jackson Fire (21 acres) - No heat and no growth.  Thompson Fire (17 acres) - No heat and no growth.  Tims Fire (13 acres) - No data scan box did not extend to fire.  Kemper Fire (186 acres) - No perimeter growth; scattered heat throughout interior.  Sutcliffe Fire (27 acres) - No data scan box did not extend to fire.  Mill Fire (2 acres) - No data, fire was on very edge of scan box. | | | |