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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:**  2,116 acres  **Growth last period:**  513 acres |
| **Flight Time:**    **Flight Date:**  08-13-2014 | **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-19 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Pete Meyer & Andre Mascheroni (Pilots)/Woody S. (Tech) |
| **IRIN Comments on imagery:**  Good Imagery. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map Heat Perimeter, Intense Heat, Isolated Heat, and Scattered Heat |
| **Date and Time Imagery Received by Interpreter:**  8/14/2014 @ 2305 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/ | |
| **Date and Time Imagery Delivered to Incident:**  8/15/2014 @ 0400 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with the incident GIS provided layer from 8/14/2014 @ 1541.  Mill Fire - No heat detected and no growth. 2 acres  Sutcliffe Fire - Small amount of growth on the south end of the fire. Intense heat observed in the southern portion. 27 acres with 3 acres growth.  Kemper Fire - Signifcant growth to the east and small expansion on the west. Estimated that it doubled in size. Intense heat throughout areas of perimeter growth. 126 acres with 79 acres growth.  Thompson Fire - No growth. One isolated heat source observed. It is about 200 ft. from burn perimeter. 17 acres  Tims Fire - Significant growth to the east. Burned area as more than doubled from previous perimeter. Intense heat mapped in recent burn area. 13 acres with 9 acres of growth.  Jackson Fire - No heat detected and no growth. 21 acres  China Fire - No information avaible. It was just outside of the scan areas. 3 acres.  Frying Pan Fire - There was growth on all sides of the fire, with intense heat mapped in those areas. For those areas that have burned next to the Klamath River fire has not crossed. There are lots of scattered and isolated heat throughout the interior of the burn area. GIS provided boundary included a 23 acre area on the west side above Elk Creek that contained no heat, but had intense heat to the east of the perimeter or inside the burn area. IR perimeter removed that 23 acre portion and mapped to visible heat. There was an isolated heat source mapped in town of Happy Camp 400 ft due south of the high school. 1,636 acres with 374 acres of growth.  Falkstein Fire - Growth on southern, eastern and northen flanks of the fire. Intense heat mapped in all of the areas of growth. There is limited amount of isolated or scattered heat in the interior. 272 acres with 48 acres of growth.  The two boxes to the southwest contained no heat sources.  Suggest the following three scan boxes to cover all of the fires, especially if information is desired for China Fire:  Box 1 - N 42 0; E 123 23; S 41 54 & W 123 32  Box 2 - N 41 55; E 123 17; S 41 44 & W 123 25  Box 3 - N 41 49; E 123 10; S 41 40 & W 123 17 | | | |