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| **Incident Name:**  Happy Camp Complex  CA-KNF-005956 | **IR Interpreter(s):**  Jennifer Frazer  jfrazer@blm.gov | **Local Dispatch Phone:**  Miles City  406-233-2900 | **Interpreted Size:**  20,187 acres  **Growth last period based on IR perimeter:**  1,770 acres |
| **Flight Time:**  2347 MDT  **Flight Date:**  8/23/2014 | **Interpreter(s) location:**  Belle Fourche, SD  **Interpreter(s) Phone:**  203-695-1207 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Jim Grace  **National Coord. Phone:**  208-387-5381 |
| **Ordered By:**  Chris Fry (818-212-6079) | **A Number:**  A-64 | **Aircraft/Scanner System:**  149Z/Phoenix | **Pilots/Techs:**  E. Netcher & A. Mascheroni (Pilots)/Woody S. (Tech) |
| **IRIN Comments on imagery:**  Good and clear. Things lined up pretty well, slight shift to the south. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Identify perimeter, intense, scattered and isolated heat. Primary focus is Frying Pan and Falkstein Fires |
| **Date and Time Imagery Received by Interpreter:**  8/23/2014 @ 0010 MDT | | **Type of media for final product:**  Electronic files: .zip and .kmz file of Intense Heat, Scattered Heat, Heat Perimeter, Isolated Heat Sources and three IR maps.  **Digital files sent to:**  ftp://ftp.nifc.gov/Incident\_Specific\_Data/CALIF\_N/!2014\_FEDERAL\_Incidents/CA-KNF-05956\_Happy\_Camp\_Cmplx/IR/201408123 | |
| **Date and Time Products Delivered to Incident:**  8/24/2014 @ 0230 MDT  Partial offerings. More maps coming. More info on scan order  Everything in at 0515 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with previous IR perimeter from 8/23/14. Compared GIS data from 20140823 @ 1345 and brought in 6 un-named fire polygons. 4 are north of Frying Pan and South of Thompson, 1 was between Frying pan and Falkstein. The other is 1.8 SW of Falkstein. *I did not show any of these on the IR maps this morning* for I did not want to cause confusion and I wanted to talk to SITL first. The 6 perimeters are within the heat perimeter shapefile/kml and are labeled as ‘unknown.’ *None of these perimeters had heat. One is located between Frying Pan and Falkstein.*  Three isolated heat sources were found not related to the fire complex. One is in town, second about 8.5 miles NE of frying pan, the third is 5 miles west of frying pan.  Frying Pan and Falkstein are 1.4 miles apart (1.5 reported yesterday).  \*\*Burn out operation observed South of frying pan along a road (FS road 15N69). This is located just north of Elk Creek. Complex acres DO NOT included the acres from this operation at this time. At the time of this imagery, operation acres were approximately 80 acres. Note – there was warping in the imagery at this location, acres and exact location of action is not exact (AKA probably should be cleaned up by GISS if you have info from another source).  Frying Pan Fire (18,179 acres now)(+1,657). The NE corner of the Frying Pan fire is relatively quite in comparison to the rest of the incident. From north of East Upper Elk Creek to west of Horse Creek are isolated heat sources and groupings of heat sources which have been clumped together as scattered. Regions and perimeter grow which was recorded last night has continued in the same areas/regions. Largest acreage gains occurred within the ridge between Copper creek and elk creek in the SW quadrant of the fire. Blooming/ super-heated gasses were observed in the imagery within this area, as well as arm of the fire reaching toward Doolittle Creek; 1.5 mile north of Huckleberry Mtn (SE corner of fire), on the east flank on either side of Flyingpan ridge, and in the NE corner, closest to China Creek.  Falkstein Fire (1,739 acres now)(+113) Some acreage growth in this fire, mainly on the northernmost tip. This area has intense heat and there was blooming/superheated gases in the imagery. There were also small fingers of intense heat along the west and south flank (concurrent with small perimeter growth). The southern spot fire east of Grider Valley still hold heat. There are a little bit of growth in this area as well.  Kemper Fire (186 acres) – No heat and no growth. One isolated heat spot observed. Lat/Long is reported on the map.  Sutcliffe Fire (27 acres) – Not flown.  Jackson Fire (21 acres) – No heat and no growth.  Thompson Fire (17 acres) - No heat and no growth.  Tims Fire (13 acres) - No heat and no growth.  China Fire (3 acres) - No heat and no growth.  Mill Fire (2 acres) - Not flown.  Recommendation for next scan order: If comfortable with the historic scans (and there is no lightening concerns, etc), you can enter two boxes in the scan order in order to reduce time/costs. I would recommend placing a box around Falkstein and Frying Pan. Then another box just around Kemper. This would save a scan in between the two active areas of your complex. Just wanted to let you know about this option. | | | |