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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:**  44,483 acres  **Growth last period based on IR perimeter:**  12,310 acres |
| **Flight Time:**  0005 MDT  **Flight Date:**  8/30/2014 | **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:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Chris Fry (818-212-6079) | **A Number:**  ? | **Aircraft/Scanner System:**  149Z/Phoenix | **Pilots/Techs:**  Ed N., Andre M (Pilots)/ Rob N. (Tech) |
| **IRIN Comments on imagery:**  Clear. 3 scans NS orientated runs. Good overlap. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Perimeter, intense, scattered and isolated heat. Primary focus: Frying Pan, Faulkstein |
| **Date and Time Imagery Received by Interpreter:**  8/30/2014 @ 0040 MDT | | **Type of media for final product:**  Electronic files: .zip and .kmz file of Intense Heat, Scattered Heat, Heat Perimeter, Isolated Heat Sources; ass. 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/ | |
| **Date and Time Products Delivered to Incident:**  8/30/2014 @ 0500 MDT (all maps and data), full log by 0600MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with previous IR perimeter from 8/29/14.  Three isolated heat sources were found not related to the fire complex. One was located just NW of the fire on Curley Jack Campground. The other two were located on ridges south of Buckhorn Mtn and the former southern tip of the Faulkstein fire. One was located on Big Ridge not far from the Pacific Crest National Scenic Trail and the other was in a saddle, just NW of Kings Castle and Paradise Lake.  Frying Pan & Faulkstein (57,537 acres) (+13,319): The two fires are joining more together in the vicinity of Grider Creek. Unburned fuel islands and areas between established fingers exhibited intense heat in this area.  Fire Area East of Grider Ridge:  This area of the fire experienced large perimeter growth. There was intense heat on either side of Grider Creek as the fire continued traveling north up this drainage towards the Klamath River (traveled 0.8 miles). To the east of the creek, the fire reached the Klamath River, south of the town of Selad Valley. From this point and approx. 3 miles south, a square of intense heat covered the area 3 miles to the east. Walker Creek drainage showed intense heat. The fire traveled over Slinkard Ridge and at the time of the imagery the main heat perimeter was close to the bottom of O’Neil Creek. There were isolated heat sources and small isolated heat perimeters east of O’Neil creek. Of special note there was an isolated heat source on the floodplain of the Klamath River; on the north side of the main road which parallels it. This location is found on the FryingPan/Faulkstein map and within the mapbook series (#1). The SE corner of this intense fire square is located 0.4 miles north of Telephone Saddle. This location is on a ridge, east of O’Neil Creek, just above Kuntz Creek. The southern boundary of this intense heat square is approx. 1.7 miles north of Lake Mtn Lookout.  The eastern flank of the fire is approx. 1.6 miles west of Lake Mtn Lookout. Farther down in the SE corner the arm of the fire reaching towards Tompkin Creek has grown , but in mainly filling the area of unburned fuels between its areas of growth mapped last night. It has not made it farther east, and is still 0.5 miles away from Tompkin Creek and 1.6 miles west of DP-12.  The southern portion of the fire east of Grider Creek, the fire has reached the bottom of Middle Creek. There is also a small active finger of intense heat which is traveling downslope towards Kelsey Creek.  Fire Area West of Grider Ridge:  *N Half*: The area is cooling and there are fewer areas of scattered heat; the majority of the area has isolated heat sources. Areas of intense heat within the center are the result of activity within previously unburned islands. There was no heat observed west of Elk Creek.  *S Half*: There was no heat observed west of Elk Creek. There is still heat located along the perimeter and these was a little bit of heat perimeter gain along Elk Creek. The majority of this area is cooling. Scattered Heat and isolated heat sources are found throughout. The most active portion in this region is the area between the former fires. Intense heat was found within the drainage NE of Huckleberry Mtn. The fire has almost reached it (<0.1 mile north).  The core of the former Faulkstein fire is growing colder. There are isolated heat sources along the edge and within the main drainages of the fire. No heat was observed in the 4 heat perimeters to the south, within the Kelsey Creek drainage.  Kemper Fire (186 acres) – Not Flown  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) – Not Flown.  China Fire ~~(3 acres)~~ - *Has been overtaken by Frying Pan. Acres included in that fire now.*  Mill Fire (2 acres) - Not flown. | | | |