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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:**  27,329 acres  **Growth last period based on IR perimeter:**  2,464 acres |
| **Flight Time:**  2254 MDT  **Flight Date:**  8/26/2014 | **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:**  97 | **Aircraft/Scanner System:**  149Z/Phoenix | **Pilots/Techs:**  Pete M, Andre M (Pilots)/ Rob N. (Tech) |
| **IRIN Comments on imagery:**  Clear. 3 scans NS orientated runs. Kemper captured. Good overlap and better than last night. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Perimeter, intense, scattered and isolated heat. Primary focus: Frying Pan, Falkstein |
| **Date and Time Imagery Received by Interpreter:**  8/26/2014 @ 2320 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:**  8/27/2014 0430 MDT  Internet down at office at 0130, had to transfer home to finish. Quality of products less in iso and scattered heat within fires. | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with previous IR perimeter from 8/26/14. One isolated heat source was found not related to the fire complex. It was located approx. 2 miles SSW of Falkstein fire within the Bear Creek drainage.  Frying Pan and Falkstein are 0.35 miles apart (0.95 reported yesterday). Falkstein continued its intense burning and growth on its northern perimeter, but the distance was mainly closed by a finger from Frying Pan down ridge line over Cliff Valley, a side drainage of Grider Creek. In front of the finger there were also two independent small heat polygons with Isolated heat signatures located downslope from the top of the ridge.  Frying Pan Fire (24,608 acres) (+2,198)-  NW corner: Had the same trend as reported from past evenings. The area is cooling and there are areas of scattered heat, but the majority of the area has isolated heat sources. Cooling trend is extending in the south-central portion of the fire as well as the NE corner. *Isolated heat sources and detailed mapping of scattered heat was not completed due to time constraints.*  West Flank: Concentrated heat and isolated heat observed along the perimeter, adjacent to Elk Creek. There was no heat observed west of this larger creek.  SW Corner: Operational burned area is now joined with Frying Pan Creek over Doolittle Creek. This area is responsible for the largest area of growth on the fire.  SE corner and East flank: Relatively small areas of intense heat and new perimeter growth. Fire is still 0.5 miles NW of Huckleberry Mtn. Along the east flank acreage growth was fingers traveling downslope towards Grider Creek.  NE corner: This region of the fire has less heat than it did last night. Intense heat is predominantly concentrated just south of Wolf Creek. The fire has not crossed China Creek. There was a E-W line of heat traveling the ridge just north of wolf creek coming from the end of fire operational burn along FS road 46N77. The most intense heat in the NE corner was just S of where the operational burn line meets the fire. A finger of fire is traveling down Grider Ridge to Grider Creek.  Falkstein Fire (2,456 acres)(+267)-  Perimeter gains and areas of intense heat were on all sides of the fire. Fire has crossed Grider Creek and is towards Marble Mountain; up the drainage just SW of Faulkstein Spring. This occurred in the location of intense heat along its east flank which has been seen in the last several IR scans. The isolated heat in the Middle Creek Drainage, cited last night, appears to be hotter and larger in this evening’s scan.  Kemper Fire (186 acres) – 3 Isolated heat signatures seen. Lat Long on Kemper map. All are interior not close to the perimeter. 417ft, 479ft, and 661ft away from the perimeter edge.  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)~~ - *Has been overtaken by Frying Pan. Acres included in that fire now.*  Mill Fire (2 acres) - Not flown. | | | |