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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:**  24,865 22,600 acres  **Growth last period based on IR perimeter:**  2,265 acres |
| **Flight Time:**  0128 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:**  No # in Scan Order | **Aircraft/Scanner System:**  149Z/Phoenix | **Pilots/Techs:**  E. Netcher & A. Mascheroni (Pilots)/Woody S. (Tech) |
| **IRIN Comments on imagery:**  Clear. 3 scans NS orientated runs. *This is a different orientation than historic runs. I had difficulty interpreting certain areas (see narrative).* | | **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 @ 0241 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:**  8/26/2014 @ 0400 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with previous IR perimeter from 8/25/14. Have removed historic small unnamed fires from the IR maps.  No isolated heat sources were found not related to the fire complex.  Frying Pan and Falkstein are 0.95 miles apart (1.3 reported yesterday).  Frying Pan Fire (22,410 acres) (+1,992)-  NW corner: Defined as north of East Upper Elk Creek and west of Horse Creek is relatively quiet with no gains in perimeter growth. There are isolated heat sources (and groupings of heat sources which have been clumped together as scattered heat). No isolated heat sources were observed on the perimeter edge. The area continues to cool in comparison with previous imagery. The center of the fire, in the area around East Fork Elk Creek is continuing to cool as well.  West Flank: Intense heat in small area with new perimeter along Elk Creek south of where is joins into the East Fork of Elk Creek. There was no heat observed west of the river.  SW corner: Largest acreage gains of the fire and region of intense heat (with blooming/ super-heated gasses) was between Cougar Creek and Doolittle Creek. The operations burn located south of Frying Pan along the road (FS road 15N69) has continued to burn all the way to Doolittle Creek to the north. At the time of the imagery, the creek still separated Frying Pan fire from this operational burn. The only place where the two may have joined is where Doolittle Creek meets Elk Creek. Imagery was unclear in the scans. Definability there was an isolated heat source with cooled heat underneath it at this location. The triangular area between this point and the perimeter of Frying Pan and to the operations burn was unclear. Complex acres DO NOT include the acres from this operation at this time; which approximate 605 acres.  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 mainly the result of fire spreading between established fingers. It is still burning towards Grider Ridge (filling in the fingers) and in a few locations has crested over and is traveling downslope towards Grider Creek.  NE corner: Fire has not crossed over China Creek at this time. It is more intense in the farthest NE portion. There was a N-S line of heat in conjunction with a FS road 46N77. This is adjacent to Grider Ridge.  Falkstein Fire (2,189 acres)(+272)-  Interpreting Falkstein fire was difficult; with bad warping and tearing of 2 overlapping runs in this area. Could not definitely see if the fire had crossed east of Grider Creek. Main spot of contention was just south of where Grider meets with Fish Creek in the area of new growth and intense heat. Acreage growth in this fire was mainly on the northernmost tip and along its west flank. There was intense heat and blooming/superheated gases from the northern perimeter.  The southern portion of Falkstein east of Grider Valley still holds heat. There was a little bit of growth on the northern boundary and there are internal isolated heat sources.  Positive results from the N-S orientation run on this fire was observing Isolated heat still in the small pre-recorded heat perimeter located in Middle Creek draw. This is east of Grider Creek and Marble Mountain, approx. 0.5 miles NE from the southern tip of Falkstein. Lat/Long of the location is on the map.  Kemper Fire (186 acres) – Not flown. Outside the scanned area. It was within the scan order box which was requested.  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. | | | |