|  |  |  |  |
| --- | --- | --- | --- |
| **Incident Name:**  Happy Camp Complex  CA-KNF-005956 | **IR Interpreter(s):**  Chad Horman (trainee)  Nathan Yorgason | **Local Dispatch Phone:**  Yreka (530-842-3380) | **Interpreted Size:**  8,112 acres  **Growth last period based on IR perimeter:**  5,914 acres |
| **Flight Time:**  2304  **Flight Date:**  8/19/14 | **Interpreter(s) location:**  Cedar City, UT  **Interpreter(s) Phone:**  Chad - 435-865-3731  Nate – 435-865-3227 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Barry Stern  **National Coord. Phone:**  208-387-5381 |
| **Ordered By:**  Chris Fry (818-212-6079) | **A Number:**  A-55 | **Aircraft/Scanner System:**  149Z/Phoenix | **Pilots/Techs:**  E. Netcher & A. Mascheroni (Pilots)/Woody S. (Tech) |
| **IRIN Comments on imagery:**  Imagery was clear and good orthorectification. Scan box was not big enough to capture information for Kemper Fire. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Identify perimeter, intense, scattered and isolated heat. Two new lightning starts NW of Kemper Fire, would like to see if heat shows up there. |
| **Date and Time Imagery Received by Interpreter:**  8/19/14 @ 2315 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/201408120 | |
| **Date and Time Products Delivered to Incident:**  8/20/14 @ 0500 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with previous IR perimeter from 8/19/14. Isolated heat source about 0.5 ml west of the airport in Happy Camp. In same location was the night before.  Frying Pan Fire (5,914 acres) – Significant growth (+2,198 acres) to the south and east. Fire burned down to north side of East Fork of Elk Creek. Firing operations the previous night burned north to the slope on south side of East Fork of Elk Creek. Two spot fires on south side of ridge. Fire completely burned over Little Elk Creek and extended into Upper Creek, burning both sides of the canyon. On the east side fire extended to top of ridge north of Horse Creek. Perimeter growth also occurred down the east side of Elk Creek. No perimeter increases in the north half of the fire. Intense heat associated with areas of perimeter growth. Scattered heat throughout the southern half of the burn area. North half has pockets of scattered heat and isolated heat throughout the burn area.  Falkstein Fire (1,298 acres) - Limited growth (+97 acres) to the north above Cliff Valley. Intense heat in areas of growth. Intense heat also exists along east flank in Grider Valley. Two new spot fires on east slope of Marble Mountain. Interior full of scattered heat.  Kemper Fire (186 acres) – Only the east half of the fire was flown. The scan box was too narrow and short. The fire fell right on the edge of the scan area. There was no heat in the half that was scanned.  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. | | | |