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| **Incident Name:**  Happy Camp Complex  CA-KNF-007022 | **IR Interpreter(s):**  Zack Muirbrook  Zack.muirbrook@usda.gov | **Local Dispatch Phone:**  CA YCC  530-842-3380 | **Interpreted Size:**  See Comments  **Growth last period:**  See Comments |
| **Flight Time:**  2135-2154 PDT  **Flight Date:**  8/19/2023 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Kat Sorenson  **National Coord. Phone:**  406-499-2701 |
| **Ordered By:**  Frank Baker  701-404-4491 | **A Number:**  A-? | **Aircraft/Scanner System:**  N350SM/TK9 | **Pilots/Techs:**  Tech: Kris |
| **IRIN Comments on imagery:**  Several Passes in 3 scan boxes, one not flown | | **Weather at time of flight:**  clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  8/20/2023 0100-0300 PDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KMZ, PDF Maps  **Digital files sent to:**  NIFS and FTP (Address Below) /incident\_specific\_data/calif\_n/!2023\_Federal\_Incidents/CA-KNF-007022\_HappyCampComplex/IR/NIROPS | |
| **Date and Time Products Delivered to Incident:**  8/20/2023 0500-0655 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **Den** (295 Acres, 2 Growth) Den did not have a lot of heat. But I did not pull it back any because it looked like the heat was old and I couldn’t find a definitive perimeter. The only two spots of growth were in the far west. No intense heat. Only a few small scattere heat patches in the west and one isolated heat source.  **Middle** (N/A Acres) Middle was in the scan path but no heat detected.  **Head** (6,297 Acres, 679 Growth) I pulled pack the perimeter in two spots because the original perimeter appeared to be estimated in those spots and I could not see any evidence of residual heat. One is in the area to the north of the Klamath River, and the other in the far ESE. Most of the growth was to the north especially in the NW north of the Klamath River including a significant sized spot. There is also significant growth in the SE on both sides of the Scott River There is intense heat along the leading edges of growth with a very large patch in the far NW. Most of the rest of the perimeter is covered with scattered heat.  **Possible New Start** (17 Acres) There is a either a spot or a possible new start to the NE of Head by about a mile. It is all intense heat.  **Townsend** (81 Acres, 1 Growth) There were only a couple very small perimeter changes. One in the far west and the other in the south. No intense heat mapped. Most of the perimeter is still scattered heat with some cool areas especially to the east.  **Gold** (571 Acres, 412 Growth) Gold grew significantly in all directions except towards Scott. There is significant intense heat all around the leading edges of growth with the largest area in the SE. There are a couple of spots to the north of the perimeter that are also intense heat. The rest of the fire is all Scattered heat. c  **Scott** (187 Acres, 123 Growth) Scot grew mainly to the SW and fanning out. There was also some growth to the NE. There was significant intense heat in both of those areas. Most of the rest of the fire is scattered heat. c  **Malone** (121 Acres, 54 Growth) I pulled back the original perimeter because it appeared to be an estimated one and I didn’t see any heat in portions of it. The fire grew to the east and to the west. But the growth appeared to be older than some of the other fires. There was only a couple small patches of intense heat in the very SW. The new perimeter is all scattered heat with some spotting to the north.  **Ufish** (573 Acres, 329 Growth) There were a couple small areas where I pulled the perimeter back. It appeared to be an estimated perimeter and I didn’t see heat. The are in the north and nw. There are several small patches of intense heat scattered around the perimeter. The rest of the fire is scattered heat.  **Unknown Fire** (396 Acres) There is a well established fire between Ufish and Elliot. It almost all intense heat with a lot of spotting to the NE.  **Elliot** (638 Acres, 107 Growth) I pulled Elliot back in a few small spots because it appeared to be an estimated perimeter and I did not see heat. Growht was spread around most of the perimeter with some small patches of intense heat in the growth. Most of the rest is scattered heat.  **Three Creeks** (277 Acres, 118 Growth) I pulled back most of Three creeks because it appeared to be an estimated perimeter and I did not see heat. The new perimeter is more to the SE. There is intense heat along the east side and a little in the SW. The rest of the new perimeter is all scattered heat. There is some spotting to the north.  **Canyon** (994 Acres, 206 Growth) I pulled Canyon back in a few small spots because it appeared to be an estimated perimeter and I did not see heat. Most of the growth was to the north but also scattere around the rest. There are some significant patches of inetense heat and most of the rest is scattered.  **Block** (N/A Acres) Fire not Flown  **Lake** (N/A Acres) Fire not Flown  **Devil** (N/A Acres) Fire not Flown  **Burney** (53 Acres) Burney was not part of the Complex, but was in the scan box. I mapped the heat but did not make a map. It appears much different than the perimeter in NIFS. | | | |