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| **Incident Name:**  HELENA FIRE  CA-SHF-001770 | **IR Interpreter(s):**   KIM SLEZAK | **Local Dispatch Phone:**  SHF  530-226-2499 | | **Interpreted Size:**   20293 acres total    **Growth last period:**  1014 total | |
| **Flight Time:**  2133 MDT       **Flight Date:**    09/06/2017 | **Interpreter(s) location:**   NE-RBR      **Interpreter(s) Phone:**   402-629-4459 | **GACC IR Liaison:**   KYLE FELKER       **GACC IR Liaison Phone:**   530-251-6112 | | **National Coordinator:**   JAY JOHNSON      **National Coord. Phone:**   505-301-8167 | |
| **Ordered By:**   SHASTA-TRINITY NF  530-226-2400 | **A Number:**   A-52 | **Aircraft/Scanner System:**   N149Z / PHX | | **Pilots/Techs:**  NETCHER / J WHITE /  KUENZI | |
| **IRIN Comments on imagery:**  GOOD. | | | **Weather at time of flight:**   CLEAR HELENA  PARTLY CLOUDY E AND W OF FORK | | **Flight Objective:**  MAP HEAT PERIMETER AND HEAT |
| **Date and Time Imagery Received by Interpreter:**   09/06 2256 MDT (ftp uploading message gone before file finished) | | | **Type of media for final product:**   DIGITAL SHAPEFILES (4), MAP, IR LOG & KMZ       **Digital files sent to:**  [ftp.nifc.gov/](ftp://ftp.nifc.gov/incident_specific_data/rocky_mtn/2016/Arden/IR)incident\_specific\_data/calif\_n/!2017 FEDERAL\_Incidents/CA-SHF-001770\_Helena/IR | | |
| **Date and Time Products Delivered to Incident:**  09/07 0135 MDT | | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started from provided perimeters and acres in these files:  20170906\_1811\_HelenaFire\_CASHF1770\_Poly\_FirePolygon\_NAD\_1983\_UTM\_Zone\_10N  20170906\_1826\_Fork\_CASHF1555\_Poly\_FirePolygon\_NAD\_1983\_UTM\_Zone\_10N  Helena 16145 ac start 16876 ac @end = 731 growth  Fork 3134 to start 3417 @end = 283 growth  **Helena** – growth on every edge; 5 **POSSIBLE SPOT FIRES not apparent heat between them and perimeter started with – (1) north side Brock Gulch in small drainage west central; (2) south side Rarick Gulch on north facing slope just east of road/canyon running north/south thru central area fire; (3) east facing slope off east end fire between edge and FS33438 (?) road near Low Gap; (4) west of Hocker Flat on northeast facting slope; (5) West end fire, East facing slope just west of Miller Creek.**  Most intense east and north edges, some southwest.  **Fork -** growth on every edge; most to north east off eastern poly, also area of most intense heat, west poly has more intense heat | | | | | |