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| **Incident Name:**  Kootenai River Complex  ID-IPF-000653 | **IR Interpreter(s):**  Steve Penny  stephen.penny@usda.gov | **Local Dispatch Phone:**  ID-CDC (208) 772-3283 | **Interpreted Size:**  23,969 IR Acres  **Growth last period:**  303 acres |
| **Flight Time:**  1922 PDT  **Flight Date:**  10/13/2022 | **Interpreter(s) location:**  McCall, ID  **Phone:**  208.315.3729 | **GACC IR Liaison:**  Jen Frazer  **GACC IR Liaison Phone:**  406-547-6010 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Situation Unit (517-243-3487) | **A Number:**  A-58 | **Aircraft/Scanner System:**  N147Z/Phoenix | **Pilots/Techs:**  Brian Teats |
| **IRIN Comments on imagery:**  Good, some geo rectification was needed | | **Weather at time of flight:**  clear | **Flight Objective:**  Map heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  10/14/2022 @ 0300 PDT | | **Type of media for final product:**  PDF Maps, geodatabase, kmz, shapefiles, log  **Digital files sent to:**  NIFS and wildfire FTP: <https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2022_fires/2022_KootenaiRiverComplex/IR>  luke.floch@usda.gov | |
| **Date and Time Products Delivered to Incident:**  10/14/2022 @ 0600 PDT NIFS data, 0630 products | |
| **Comments /notes on tonight’s mission and this interpretation:**  **Acreage Growth**  Russell Mountain 23,089 Acres 216 Acres  Long Canyon 500 Acres 84 Acres  Katka 380 Acres 5 Acres  Debt <1 Acre 0 Acres  The interpretation began with Event Polygon Daily Wildfire Perimeter at 2300. The surrounding soil and rock was fairly warm so distinguishing between it and the heat was challenging in some places.  **Russell Mountain** – Areas of larger growth were on the east side in Fisher Creek spreading to the east and south of Fisher Creek east of Farnham Peak. There is a small area of intense heat spreading west in the south in the upper part of Burton Creek. Much of the interior does not have any remaining heat and the scattered heat was mapped mainly near the perimeter lines. Isolated heat was also mapped.  **Long Canyon –** The fire continues to grow to the SW and NE along the ridge with small areas of intense heat and has not grown across the ridge to the north. Scattered heat was mapped interior of the fire has cooled since the last interpretation with some isolated heat mapped.  **Katka** -No intense heat was mapped, scattered heat was mapped along the perimeter at the north end of the fire. The interior is mostly devoid of heat with some isolated heat mapped, the south two thirds of the fire is mostly cold with two isolated heat points at the very south end.  **Debt** – No heat was detected | | | |