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| **Incident Name:**  Prophyry  ID-PAF-005393 | **IR Interpreter(s):**  Tom Kohley | **Local Dispatch Phone:**  Bitterroot Dispatch  (406-363-7133) | **Interpreted Size:**  1,848 IR Acres  **Growth last period:**  45 IR Acres |
| **Flight Time:**  2358 MDT  **Flight Date:**  08/22/2022 | **Interpreter(s) location:**  White Sulphur Springs, MT  **Interpreter(s) Phone:**  406-425-2071 | **GACC IR Liaison:**  Jen Frazer  **GACC IR Liaison Phone:**  406-547-6010 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  ID-PAC | **A Number:**  A-12 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Pilots: Helquist, Boyce  Tech: Mann |
| **IRIN Comments on imagery:**  Imagery was clear with good alignment | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  08/22/2022 @ 2358 MDT | | **Type of media for final product:**  PDF Map, gdb, kmz.  **Digital files sent to:**  NIFS, NIFC FTP. | |
| **Date and Time Products Delivered to Incident:**  08/23/2022 @ 0500 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started tonight’s interpretation with the Event Polygon downloaded at 8/23/2022 0411.  Pockets of intense heat were observed along the south and north borders of the fire. An isolated heat source on the north side was mapped outside the perimeter about 350 feet east of perimeter down in an east-west oriented drainage. Another isolated heat was also observed on the north side at 45° 16.71656334' N, 115° 30.91089656' W.  The fire does not appear to have made any more advancement into the upper Smith Creek drainage. Isolated heat observed on Smith Saddle about ½ mile from heat perimeter (DIV M).  The isolated heat perimeters mapped along the Salmon River approximately 0.15 miles south of main heat perimeter in DIV Q, did not appear to grow yesterday but do contain some isolated heat. | | | |