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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:**  1,862 IR Acres  **Growth last period:**  14 IR Acres |
| **Flight Time:**  2317 MDT  **Flight Date:**  08/23/2022 | **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-14 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Pilots: Helquist,Watts  Tech: Rhodes |
| **IRIN Comments on imagery:**  Imagery was clear with good alignment. Imagery was acquired via one pass traveling east/west. | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  08/23/2022 @ 2317 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:**  08/24/2022 @ 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.  Three areas of intense heat were observed in tonight’s imagery. These areas contained more intense heat signatures from the previous night. The most intense heat was observed on the north central finger which is now burning on the south facing slope high in the drainage immediately south of Curven Creek.  Three isolated heat sources on the north side were mapped outside the north perimeter:  1) 115°30.9095476'W 45°16.7228407'N, 2) 115°30.8280516'W 45°16.6750672'N, and 3) 115°29.9990405'W 45°16.7284611'N  Two areas on the south side of the fire, near the South Fork Salmon River, continue to hold heat:   1. 115°29.6702462'W 45°15.4413862'N and 2) 115°29.2627662'W 45°15.6352905'N   One isolated heat source in the Smith Saddle has been observed for the past three nights:   1. 115°31.9870934'W 45°17.0180249'N   Otherwise, scattered and isolated heat on the interior of the fire diminished from the previous night. | | | |