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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:**  1,803 IR Acres  **Growth last period:**  1,137 IR Acres |
| **Flight Time:**  0055 MDT  **Flight Date:**  08/21/2022 | **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-9 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Pilots: Helquist, Boyce  Tech: Mann |
| **IRIN Comments on imagery:**  clear | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  08/22/2022 @ 0100 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:**  08/22/2022 @ 0605 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started tonight’s interpretation with the Event Polygon downloaded at 8/21/2022 2300.  The fire has shown significant growth to the west since the last IR flight (08/18/22). Small areas of intense heat were observed along the southwest and northeast portions of the fire. The fire has crested the west ridge and has now entered the upper Smith Creek drainage and appears to be approaching the Smith Saddle. Isolated heat observed on Smith Saddle about ½ mile from heat perimeter (DIV M).  Two isolated heat perimeters were also mapped along Salmon River approximately 0.15 miles south of main heat perimeter in DIV Q. | | | |