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| **Incident Name:**  Lone Star  WY-YNP-002006 | **IR Interpreter(s):**  Ashly Kula  ashly.kula@usda.gov | **Local Dispatch**  Yellowstone Dispatch  307-344-2181 | **Interpreted Size:** 663 Acres  **Growth Since Last:**  First IR flight |
| **Flight Time:**  2349 MDT  **Flight Date:**  2020/08/23 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-557-5822 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-529-6366 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  801-824-5400 |
| **Ordered By:**  Yellowstone National Park | **A Number:**  A-7 | **Aircraft/Scanner System:**  N149Z | **N350FV Flight Crew**  Helquist – Pilot  Boyce – Pilot  Gammons - Tech |
| **IRIN Comments on imagery:**  Imagery was good in portions. The eastern portion of the fire was heavily saturated. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Heat detection and mapping |
| **Date and Time Imagery Received by Interpreter:**  2020/08/24 0237 MDT | | **Type of media for final product:**  PDF map, zipped shapefiles and KMZ files  **Digital files sent to:**  https://ftp.nifc.gov/public/incident\_specific\_data/n\_rockies/2020\_fires/2020\_LoneStar/IR/ | |
| **Date and Time Products Delivered to Incident:**  2020/08/24 0330 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started tonight with the perimeter obtained from the incident’s SITL as this was the first night IR flight for this incident. The entire eastern portion of the fire imagery was completely saturated. Utilized only the ortho imagery to delineate the eastern heat perimeter. Nearly the entire heat perimeter was full of intense heat. There were a few islands located outside of the main fire perimeter mainly to the south and east. There were also, what appeared to be isolated heat sources to the east of the main perimeter, but again the imagery was heavily saturated and may be false heat sources. The fire was also located at the bottom edge of the imagery. Scan box will likely need to be adjusted to something similar to:  44 25  -110 50 -110 44  44 20 | | | |