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| **Incident Name:**  Lone Star  WY-YNP-002006 | **IR Interpreter(s):**  Nate Yorgason | **Local Dispatch Phone:**  YNP 307-344-2181 | **Interpreted Size:**  4115 acres  **Growth last period:**  201 acres |
| **Flight Time:**  2042 MDT  **Flight Date:**  9/22/2020 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-557-5785 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-529-6366 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Becky Smith | **A Number:**  A-27 | **Aircraft/Scanner System:**  N350SM/Tenax | **Pilots/Techs:**  John |
| **IRIN Comments on imagery:**  Clear. Georeferencing was quite a bit off. | | **Weather at time of flight:**  clear | **Flight Objective:**  Heat detection |
| **Date and Time Imagery Received by Interpreter:**  2200 PDT | | **Type of media for final product:**  Shapefiles, maps, KMZ, log file  **Digital files sent to:**  2020.lonestar.plans@firenet.gov  https://ftp.nifc.gov/public/incident\_specific\_data/n\_rockies/2020\_fires/2020\_LoneStar/IR/ | |
| **Date and Time Products Delivered to Incident:**  0300 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started interpreting tonight using fire perimeter from Helicopter flight provided 9/14 on NIMS.  Heat perimeter grew moderately (approximately 200 acres) since the last GIS perimeter. There were no areas mapped as intense heat but there were quite a few areas of scattered heat throughout the fire. There were also large areas showing no heat There are many isolated heat sources all throughout the fire. The Tenax data was not georeferenced as accurately as past imagery and I spent a good amount of time learning to georeferenced in order to try and represent the heat as accurately as possible.  This fire is burning in a place that includes many hot springs and geysers. Three of these areas of hot water showed heat in the infrared scan imagery. Geysers are not located on the map but heat was detected at those locations but not included. | | | |