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| **Incident Name:**  Chessman Canyon  UT-CBP-000577 | **IR Interpreter(s):**  Jen Frazer  jennifer\_frazer@firenet.gov | **Local Dispatch Phone:**  Color Country Interagency Fire  Tina Greenhalgh  435-865-4600 | **Interpreted Size:**  155 acres |
| **Flight Time:**  2157 MDT  **Flight Date:**  9/20/2019 | **Interpreter(s) location:**  White Sulphur Springs, MT  **Interpreter(s) Phone:**  C: 203-695-1207  W: 406-547-6010 | **GACC IR Liaison:**  Nate Yorgason  **GACC IR Liaison Phone:**  Cell 435-590-1107 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  Cell 505-301-8167 |
| **Ordered By:**  Cedar Breaks National Park 435-865-4600  [utcdc@firenet.com](mailto:utcdc@firenet.com)  contact Dispatch (above) | **A Number:**  A - 3 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Mike/Kristina |
| **IRIN Comments on imagery:**  Clear, aligned. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, scattered and intense heat and isolated heat sources |
| **Date and Time Imagery Received by Interpreter:**  9/20/19 2210 MDT | | **Type of media for final product:**  Digital: Georeferenced PDF Map, KMZ and shapefiles for data and Log .doc  **Digital files sent to:**  <https://ftp.nifc.gov/public/incident_specific_data/great_basin/2019_Incidents/2019_ChessmanCanyon/IR/>  email: utcdc@firenet.gov | |
| **Date and Time Products Delivered to Incident:**  9/20/19 2345 MDT | |

**Comments /notes on tonight’s mission and this interpretation:**

Found no data in EGP at 2100 on 20190920. Found starting perimeter in folder in FTP. Since the polygon appears to be aerial flight information of the farthest extent of heat observed, I decided to map all areas of heat as intense, scattered or isolated heat.

Local unit can determine if the first aerial perimeter should be merged with this IR heat perimeter.

The regional area has rocky breaks with grass and drainages which appeared cooled between the main heat perimeter and isolated heat and small areas of intense heat outside the heat perimeter. However fire could have moved through these areas and cooled before imagery was captured. The Rocky Cliffs also held radiant heat, the most prevent being the NW finger of Chessman Ridge.

Isolated heat – Outside the main active fire area, there were five isolated heat sources. One is to the N, along a jeep trail near Snow Ridge & Adams Barrier. Two were close together, 2 miles south. One was 3 Miles south near Blowhard trailhead, another 3.2 miles SW near Crystal Spring trailhead. See RegionalMap for the location of these areas.

Near the Active fire area, there were 3 isolated heats to the NW. One was along ‘The Highleap’, two where in Adams Canyon.

Intense Heat – Isolated Intense heat perimeters were found in Adams creek (815 ft from main heat perimeter). Three others were to the SE of the heat perimeter (close proximity). North of the fire there was one isolated intense heat perimeter 900ft away up Labyrinth Canyon. Intense heat area were found throughout the main heat perimeter edge.

Scattered Heat – Pockets of scatter heat were located throughout the main heat perimeter.