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| **Incident Name:**  C10205  British Columbia, Canada | **IR Interpreter(s):**  Elise Bowne | **Local Dispatch Phone:**  250-312-3000 | **Interpreted Size:**  22,227 Ha  **Growth last period:**  5,092 Ha |
| **Flight Time:**  0114 MDT  **Flight Date:**  8/17/2010 | **Interpreter(s) location:**  Golden, CO  **Interpreter(s) Phone:**  720-201-1698 cell  303-275-5209 office | **Regional Coordinator:**  na  **Regional Coord. Phone:**  na | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Sunjit Mark | **Order Number:**  CA-BCN-000001 A16 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  W Powers/W Smith |
| **IRIN Comments on imagery:**  Four runs. Clear imagery, though some problems existed with the orthorectification. Some of the areas near the heat edge are very dark and it is difficult to interpret the exact heat edge. | | **Weather at time of flight:**  Clear. | **Flight Objective:**  Map perimeter and heat of active fires. |
| **Date and Time Imagery Received by Interpreter:**  8/17/2010 0315 MDT | | **Type of media for final product:**  Shapefiles (5), PDF IR maps (3), IRIN Log (this file)  **Electronic file sent to:**  ftp://ftp.nifc.gov/Incident\_Specific\_Data/NICC/2010\_BC\_Assist/IR/20100817/ | |
| **Date and Time Imagery Delivered to Incident:**  8/17/2010 0800 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  The fire was pretty active tonight, with perimeter growth on most areas of the fire, with the exception of the southern tip of the heat perimeter. The majority of the heat tonight was around the edges of the fire, with the most significant perimeter growth with intense heat on the north, east, and west parts of the perimeter. On the west side of the heat perimeter, there may be more area burned between where the old heat perimeter was and where the current western most heat perimeter is now located. It was difficult to tell what had and had not burned. Only the visible heat was mapped in that area.  In addition to the mapped isolated heat sources, scattered heat and intense heat areas, there was additional heat in the interior of the heat perimeter. Due to lack of time, this interior heat was not fully mapped.  Tonight, an additional shapefile has been mapped and transmitted. It is called "possible bloom." These are areas where the IR scanner detected heat, but it was questionable whether or not the heat was on the ground at the time of the flight. This heat may either be areas where the intense heat from the fire saturated the sensor, or it may be super-heated gases above the ground. Occasionally, these areas of heat do actually represent heat on the ground, either at the time of the flight or in the future, so this data may be useful. The areas have not been incorporated into the heat perimeter. | | | |