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| **Incident Name:**  C50297  British Columbia, Canada | **IR Interpreter(s):**  Elise Bowne | **Local Dispatch Phone:**  250-312-3000 | **Interpreted Size:**  6,035 Ha  **Growth last period:**  76 Ha |
| **Flight Time:**  2037 MDT  **Flight Date:**  8/19/2010 | **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 A70 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  D. Boyce/W Smith |
| **IRIN Comments on imagery:**  One run. Lots of thin clouds in the imagery. The western part of the fire was the most obscured, with some thin clouds in the rest of the area. There is most likely more heat on the ground than represented in the image, due to IR energy absorption by the clouds. | | **Weather at time of flight:**  Thick clouds on west, thinner clouds on the eastern portion. | **Flight Objective:**  Map perimeter and heat of active fires. |
| **Date and Time Imagery Received by Interpreter:**  8/19/2010 2330 MDT | | **Type of media for final product:**  Shapefiles (2), PDF IR maps (2), IRIN Log (this file)  **Electronic file sent to:**  ftp://ftp.nifc.gov/Incident\_Specific\_Data/NICC/2010\_BC\_Assist/IR/20100820/ | |
| **Date and Time Imagery Delivered to Incident:**  8/20/2010 0715 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Due to time constraints, only the heat perimeter (and the clouds) were mapped tonight.  Even with the thin clouds obscuring parts of the fire, a good portion of the heat perimeter was detectable. The exception was the west side of the perimeter. Some heat was detected through the clouds there, and the heat perimeter expanded to include those areas. There may likely be more heat on the fire than detected on the IR flight, due to the IR energy being absorbed by the clouds between the IR aircraft and the fire. This is most true on the west edge.  Although there was heat detected on many areas of the fire, there was not much perimeter growth since the fire was last mapped on 18 August.    All spots or isolated heat sources outside the main perimeter were mapped as polygons tonight in lieu of mapping all the isolated heat sources, scattered and intense heat areas.  If you have questions, please contact me at the phone numbers above. Thanks. | | | |