|  |  |  |  |
| --- | --- | --- | --- |
| **Incident Name:**  C10299  British Columbia, Canada | **IR Interpreter(s):**  Elise Bowne | **Local Dispatch Phone:**  250-312-3000 | **Interpreted Size:**  2,290 Ha  **Growth last period:**  1,710 Ha |
| **Flight Time:**  2132 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 eastern part of the fire was the most obscured. There were also a few lines of noise from the scanner. There is very possibly more heat on the ground that was visible in the image, due to IR energy absorption by the clouds. | | **Weather at time of flight:**  Thin clouds on west, thicker 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:**  Heat Perimeter shapefile, 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 0700 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Even with the thin clouds obscuring parts of the fire, a good portion of the heat perimeter was detectable. Due to time constraints only the heat perimeter was mapped tonight. The north portions of the fire showed the most heat intensity, while most of the growth was to the northeast and east. Most likely, much of the heat to the east was absorbed by the clouds between the IR aircraft and the fire. Most of the heat and activity was on the east side of the fire, with several significant runs to the east. There was also perimeter expansion to the south along the arms of the perimeter reaching to the east and a small amount along the northern most part of the fire. The part of the perimeter that comes down farthest to the south remained very quiet tonight, with only a few isolated heat sources (not mapped). There was a lot of intense heat along the areas of perimeter expansion on the east, in all directions.  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. | | | |