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| **Incident Name:**  2017 Umpqua ABC Misc.  Incident No. 036 | **IR Interpreter(s):**  Craig Ducey, Barbara Haney, ANG Flight Crew | **Local Dispatch Phone:**  Rogue Valley Interagency Communication Center  541-618-2510 | **Interpreted Size:**  NA  **Growth last period:**  NA |
| **Flight Time:**  15:13 MDT – 16:50 MDT  **Flight Date:**  08/19/2017 | **Interpreter(s) location:**  NWCC, Portland, OR  **Interpreter(s) Phone:**  503-310-1644, 503-750-8148, 334-558-8169 | **GACC IR Liaison:**  Jim Grace  **GACC IR Liaison Phone:**  541-771-4521 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Terri Brown | **A Number:**  A-18 | **Aircraft/Scanner System:**  RC-26B/Directional Real-Time Infrared (DRTI) | **Pilots/Techs:**  Col Richard Seymour,  Maj David Metzger |
| **IRIN Comments on imagery:**  N/A | | **Weather at time of flight:**  UNK | **Flight Objective:**  Heat Detection |
| **Date and Time Imagery Received by Interpreter:**  08/19/2017 03:09 MDT | | **Type of media for final product:**  .pdf, .kml, .shp, .docx  **Digital files sent to:**  ftp.nifc.gov/incident\_specific\_data/pacific\_nw/ 2017\_Incidents\_Oregon/ 2017\_Umpqua\_North\_Complex/IR/20170820/20170820\_2017UmpquaABCMisc\_DRTI **AND**  \*/2017\_Jones\_OR\_WIF\_170191/20170820/ 20170820\_2017UmpquaABCMisc\_Jones\_Rebel\_DRTI **AND** \*/2017\_Rebel\_OR\_WIF\_170156/20170820/ 20170820\_2017UmpquaABCMisc\_Jones\_Rebel\_DRTI | |
| **Date and Time Products Delivered to Incident:**  08/19/2017 04:35 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  The Air National Guard (ANG) flight crew were requested to survey for heat detection points in two regions: 1) ~91,800 acres between the Umpqua North and Falcon Complexes and 2) ~55,000 acres east of the Umpqua North and north of the High Cascades Complexes. In addition, the flight crew surveyed the area around the Jones and Rebel fires east of Eugene, OR and the vicinity around Highway 138.  The flight crew mapped heat detection points in real-time using a Directional Real-Time Infrared (DRTI) sensor, and delivered results to IRIN as an xml file, which was converted to a point feature class and projected to NAD\_1983\_UTM\_Zone\_10N.  Removed points associated with the scanner box corners and the Eugene Airport, and split the remaining heat detection points into two feature classes: one for the area near the Jones and Rebel Fires and one for the area near the Umpqua North, High Cascades, and Falcon Complexes. Created one map for each area with the fires labeled and displayed as points from the most recent NWCC\_Daily\_point feature class. Created KMZ files.  **Correspondence excerpts:** “Just landed. All went well. Have good points. Also looked at falls creek for Bruce Wicks. Some active fires going there. Cleared the Hwy 138 corridor from glide to diamond lake junction. Couple of encroachments around happy dog fire and near steamboat.Detected very active fire on OR side of state boundary. Data points and images coming your way in about 1 hr.” – Col Richard Seymour | | | |