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| **Incident Name:**  Eagle Complex  OR-WWF-000872 | **IR Interpreter(s):**  Elise Bowne | **Local Dispatch Phone:**  541-963-7171  Blue Mtn Interagency Dispatch | **Interpreted Size:**  8,129 acres total  **Growth last period:**  1,589 acres |
| **Flight Time:**  0032 hrs PDT  **Flight Date:**  Aug 24, 2015 | **Interpreter(s) location:**  Denver, CO  **Interpreter(s) Phone:**  303-517-7510 | **GACC IR Liaison:**  Jim Grace  **GACC IR Liaison Phone:**  541-771-4521 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  208-870-5066 |
| **Ordered By:**  Mark Tucker | **A Number:**  32 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Kingsbury/Johnson/Kazimir |
| **IRIN Comments on imagery:**  Imagery was clear, orthorectification was off quite a bit | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  8/24/2015 0100 hrs PDT | | **Type of media for final product:**  Shapefiles, KMZ files, map, IRIN, log  **Digital files sent to:**  <http://ftp.nifc.gov/incident_specific_data/pacific_nw/2015_Incidents_Oregon/2015_Eagle/IR/20150824> | |
| **Date and Time Products Delivered to Incident:**  8/24/2015 0400 hrs PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  The heat perimeter is 8,129 acres.  The large spot on the east side of East Eagle Creek is growing mainly to the south, though it is approaching Sullivan Creek on the north. It was difficult to tell whether or not the heat had crossed Sullivan Creek. Across East Eagle Creek to the west, there are several areas where the heat has backed down to the creek bed. Along the south edge of the main fire, there is an area of intense heat right along the road, from the confluence of East Eagle Creek and Eagle Creek to the NW for about ¾ of a mile. All the heat appeared to be north of the road as of flight time.  On the north part of the incident, the heat has crossed to the north side of Bennett Peak and moved down to and beyond the south branch of Two Color Creek. It was extremely hot at flight time and there are several spots on the north side of the south branch of Two Color Creek, and one on the north side of the main stem of the creek, in a tributary drainage.  To the NE, the heat continues to back into the Lime Creek drainage and appears to have made it to the bottom of the drainage in one or two spots. Along the east side, (west side of East Fork Eagle Creek) there was significant growth in the area between Bradley Creek and East Fork Eagle Creek. However, there was no indication of heat to fill in the space, so there is yet another large area of unburned fuels.  Both with the IR imagery from 8/15 to present and with a Landsat image from 8/21, an attempt was made to see if the unburned islands had burned. The IR data showed no heat in those areas, but the 5 on the north are meadows and it is possible that they burned quickly and left no residual heat for the flight to detect. The Landsat image didn’t show conclusively that any of them burned or had not. If a meadow could be located that has burned, a comparison could be made. The timbered unburned islands, appeared unburned (Landsat) at flight time, though heat was detected in several last night.  Please feel free to contact me if you have questions. | | | |