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| **Incident Name:**  *High Cascades Complex*  Blanket Creek: OR-RSF-371  Spruce Lake: OR-RSF-636  Broken Lookout: OR-RSF-636  Sherwood: OR-RSF-636 Windy Gap: OR-UPF-281  Pup: OR-UPF-316  Paradise: OR-UPF-287  Rattlesnake: OR-UPF-418  Lonewoman  282  280 | **IR Interpreter(s):**  Linde Jacks | **Local Dispatch Phone:**  541-947-6288 | **Interpreted Size (acres):**  Blanket Creek: 9,299  Spruce Lake: 5,625  Broken Lookout: 3,134  Sherwood: 77  Windy Gap: 153  Pup: 201  Paradise: 460  Rattlesnake: 177  282: NA – cloud cover  280: NA – cloud cover  Lonewoman: NA – cloud cover  **Growth from 08/27/2017 (acres):**  Blanket Creek: 1,123  Spruce Lake: 244  Broken Lookout: 1,036  Sherwood: NA  Windy Gap: 66  Pup: 54  Paradise: 39 |
| **Flight Time:**  I put them all under 2218 PDT  **Flight Date:**  08/27/2017 | **Interpreter(s) location:**  Grand Junction, CO  **Interpreter(s) Phone:**  970-589-6460 | **GACC IR Liaison:**  Jim Grace  **GACC IR Liaison Phone:**  208-387-5900 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  NW-IMT7 | **A Number:**  43 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Netcher/White/ Smith |
| **IRIN Comments on imagery:**  UHCF runs had some clouds on the north end | | **Weather at time of flight:**  Partly cloudy to the north, clear to the south | **Flight Objective:**  Map heat perimeter, intense heat, scattered heat, and isolated heat sources. |
| **Date and Time Imagery Received by Interpreter:**  2330 PDT 08/27/2017 | | **Type of media for final product:**  Shapefiles, kmz, pdf maps, IR log file  **Digital files sent to:**  NIFC FTP: /incident\_specific\_data/pacific\_nw/2017\_Incidents\_Oregon/  2017\_BlanketCreek\_OR-RSF-000371/IR/20170828 | |
| **Date and Time Products Delivered to Incident:**  0430 PDT 08/28/2017 | |
| **Comments /notes on tonight’s mission and this interpretation:**  Initial heat perimeter based on IR data for 08/27/2017. Time stamp on shapefiles is for 2218, the first fire in the sequence.  --All but Sherwood were mapped. Broken Lookout and Windy Gap are combined on one map tonight. The scan boxes for Lonewoman, 280, and 282 fires was scanned but there were too many clouds to see if there was any heat.  **Blanket Creek:**  The increase in acreage was 1,123 acres since the previous IR flight. There was significant growth on the southeast end of the fire near Goose Egg Peak, this area was all intense heat. The west side of the fire has a few isolated heat sources. The rest of the fire is mostly large areas of scattered heat as well as lots of isolated heat sources within the heat perimeter. There are some isolated heat source outside of the main heat perimeter on the north side, north and east of Bald Top Peak. There are also some near the areas of intense heat near Goose Egg Peak. There was an isolated heat detection approximately 3 miles to the northeast of the heat perimeter: 42° 50’ 42.26”, 122° 09’ 57.87” – this is shown on the map.  **Spruce Lake:**  The growth on the fire from the last IR flight was 244 acres. The growth is marked by intense heat on the northeast corner of the fire northwest of Williams Crater. The northeast corner of the fire is where are the greatest amount of activity is. Some isolated heat sources were detected on the west side if the fire. There are small pockets of scattered heat on the northeast part of the fire. There are a couple isolated heat sources outside the heat perimeter in the northeast and east side of the fire near the areas of intense heat.  **Broken Lookout:**  The fire grew approximately 1,036 acres. The fire grew on virtually all sides of the heat perimeter. The main heat perimeter grew together with the larger heat perimeter to the northeast. There was intense heat on the north near Falcon Butte, in the area where the two polygons grew together, and on the southeast corner of the fire where there is a large spot outside the main heat perimeter. The interior of the fire is consists of a mix of scattered heat and lots of isolated heat sources. There are some isolated heat sources outside of the main heat perimeter on the north near Elephant Head and Falcon Butte. There are also a few on the east side. There is an isolated heat source approximately 1.2 miles southwest of the fire south of DeWitt Creek. The coordinates of the point are: 42° 53’ 59.36”, 122° 32’ 39.95”, this is shown on the map.  **Windy Gap:**  This fire grew 66 acres from the previous IR flight. There was growth on the west heat perimeter on the north end and the south end, these areas were mostly scattered heat with isolated heat sources within the heat perimeter. The east heat perimeter also had a small amount of growth on the south side and around the edges.  **Pup:**  This fire had approximately 54 acres of growth. There was cloud cover on the imagery – I mapped the heat I could see. The fire grew on the northeast side – this area was all scattered heat. There were also some isolated heat sources within the heat perimeter.  **Paradise:**  This fire grew approximately 39 acres since the previous night. The growth was again on the southeast corner, the heat perimeter appears to remain in the west side of Cougar Creek. The southeast portion of the fire had some scattered heat and some isolated heat sources within the heat perimeter.  **Rattlesnake:**  The Geomac perimeter was used as a starting point for this fire, there was growth on the north and east side. There were some pockets of intense heat with scattered heat on the interior. There are some heat spots outside of the main heat perimeter on the northeast side of the fire. Two possible isolated heat sources were detected from the fire. There was a possible isolated heat source 3.2 miles northeast of the fire - 43° 07’ 53.27”, 122° 20’ 35.49”. Another possible isolated heat source was detected approximately 1.6 miles southwest of the fire at 43° 05’ 02.15”, 122° 25’ 35.36”. Neither of these possible isolated heat sources is shown on the map.  **Lonewoman/202/282:**  These scan boxes were covered in clouds so no heat could be interpreted from the imagery.  **Sherwood:**  This fire was not scanned during this IR Flight. | | | |