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| **Incident Name:**  South Umpqua Complex  OR-UPF-000246 | **IR Interpreter(s):**  Zack Muirbrook  [zmuirbrook@fs.fed.us](mailto:zmuirbrook@fs.fed.us) | **Local Dispatch Phone:**  Roseburg  541-464-3370 | **Interpreted Size (acres)**  **9,198**  **total complex**  **Growth last period (acres): 1,619** |
| **Flight Time:**  2058 & 2117 PDT  **Flight Date:**  07/26/2018 | **Interpreter(s) location:**  Idaho Falls, Id  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Jim Grace  **GACC IR Liaison Phone:**  541-771-4521 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Jon Meier | **A Number:**  A-47 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Netcher/Boyce/Bob |
| **IRIN Comments on imagery:**  Five separate scan lines. All imagery looked good. | | **Weather at time of flight:**  clear | **Flight Objective:**  Heat detection & mapping |
| **Date and Time Imagery Received by Interpreter:**  07/26/2018 2145-2210 PDT | | **Type of media for final product:**  PDF Maps, shapefiles, log, kmz.  **Digital files sent to:**  http://incident\_specific\_data/pacific\_nw/2018\_Incidents\_Oregon/2018\_SouthUmpquaComplex\_OR\_UPF\_000264/IR | |
| **Date and Time Products Delivered to Incident:**  07/27/2018 0000 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I used previous IR perimeter to base tonights IR interpretation. There is still an isolated heat source about 2 miles south of Columbus. Possibly a night log.  Railroad Gap – 35 ac (no growth)  No heat detected  Snowshoe – 3,642 ac (156 growth)  Almost all the growth was concentrated interior to the polygon either filling in donut holes or between the burnout and the main fire. There are some small patches of intense heat in the northwest interior as well. The entire rest of the fire has scattered heat throughout.  Miles – 1,450 ac (467 growth)  Quite a bit of growth all to the east. A lot of intense heat concurrent with the growth. Scattered heat throughout the majority of the fire.  Columbus – 4,035 ac (996 growth)  Growth is scattered around the fire with large intense growth in the south and west. The south head is spotting a lot ahead of the fire. The polygon to the north is burning hot on the NW side towards the main fire. Scattered heat covers the majority of the fire.  Cripple Creek – 36 ac (no growth)  No perimeter heat. Just 3 isolated heat signatures interior to the fire. | | | |
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