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| **Incident Name:**  Morgan  OR-FWF-230307 | **IR Interpreter(s):**  Dale Gough  DaleGough72@gmail.com | **Local Dispatch Phone:** | **Interpreted Size:**  2036 IR Acres  **Growth last period:**  370 IR Acres (Calculated from the Event Polygon) |
| **Flight Time:**  1910 PDT  **Flight Date:**  9/20/2023 | **Interpreter(s) location:**  Creswell, OR **Interpreter(s) Phone:**  541-228-0594 | **GACC IR Liaison:**  Jim Grace  **GACC IR Liaison Phone:**  458-231-1338 | **National Coordinator:**  Kat Sorenson  **National Coord. Phone:**  406-499-2701 |
| **Ordered By:**  OR-RSF (541-618-2505) | **A Number:** | **Aircraft/Scanner System:**  N350FV/Tenax | **Pilots/Techs:**  Tech: Dan |
| **IRIN Comments on imagery:**  Imagery contains lots of speckles | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat sources |
| **Date and Time Imagery Received by Interpreter:**  9/20/2023 1930 PDT | | **Type of media for final product:**  NIFS IR update, maps, geodatabase, shapefiles, kml, log  **Digital files sent to:**  https://ftp.wildfire.gov/public/incident\_specific\_data//incident\_specific\_data/pacific\_nw/2023\_Incidents\_Oregon/2023\_Morgan\_ORFWF230307/IR | |
| **Date and Time Products Delivered to Incident:**  9/20/2023 2030 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started tonight’s interpretation with the Event Polygon downloaded at 2000 PDT  This was the first IR flight for this fire  According to the SITL the starting fire perimeter was an approximation and that I could shrink it if necessary. The far east end of the fire showed no heat so I had no way of determining if the starting perimeter was correct. I therefore did not change it.  The imagery had speckles throughout it. Most of these were not heat. Therefore, my mapping of isolated heat is not dependable. I am confident in my mapping of scattered and intense heat. Its possible there is more heat ahead of the fire in the areas of intense heat.  Most of the growth occurred to the south with intense heat. Including spots ahead of the main fire perimeter, the fire grew by over a mile in that direction, passing South Creek.  Small areas of growth occurred elsewhere around the perimeter.  Most of the interior of the fire contained scattered heat.  I mapped one possible heat approx. ½ miles to the SW of the fire perimeter. | | | |