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| **Incident Name:**  Horseshoe  WA-GPF-000295 | **IR Interpreter(s):**  Max Wahlberg  [mwahlberg@fs.fed.us](mailto:mwahlberg@fs.fed.us)  Howard Harrison (t) | **Local Dispatch Phone:**  Columbia Cascade (360.891.5140) | **Interpreted Size:**  151  **Growth last period:**  Initial map |
| **Flight Time:**  2314 hrs PDT  **Flight Date:**  July 5th, 2015 | **Interpreter(s) location:**  Portland, OR  **Interpreter(s) Phone:**  928-273-0779 | **GACC IR Liaison:**  Jim Grace  **GACC IR Liaison Phone:**  541-771-4521 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Kevin Prime | **A Number:**  A-8 | **Aircraft/Scanner System:**  149z/Phoenix | **Pilots/Techs:**  Rob (tech) |
| **IRIN Comments on imagery:**  Limited heat signatures, hard to detect heat from background noise. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Initial fire perimeter map, heat sources. |
| **Date and Time Imagery Received by Interpreter:**  July 5th, 2015 @ 2324 hrs | | **Type of media for final product:**  Pdf map, shapefiles, kmz, and IR log  **Digital files sent to:**  NIFC FTP:  /incident\_specific\_data/pacific\_nw/2015\_Incidents\_Washington/Horseshoe\_WA-GPF-000295/IR/20150706  and emailed to [mrellis@fs.fed.us](mailto:mrellis@fs.fed.us) | |
| **Date and Time Products Delivered to Incident:**  July 6th, 2015 @ 0200 hrs | |
| **Comments /notes on tonight’s mission and this interpretation:**  This mapping represents the initial IR heat perimeter for the Horseshoe fire (no previous perimeter for this fire was received from the incident). Imagery had very limited heat signatures, making differentiation of heat sources difficult from background noise. As a result, the heat perimeter was approximated in places. Three heat sources were identified outside the main heat perimeter, located at 121 34 59.51 W 46 11 54.25 N, 121 35 3.16 W 46 11 42.16 N, & 121 35 36.67 W 46 11 40.72 N (NAD83/WGS84).  No areas of intense heat were mapped. A few isolated heat sources were detected in the same scan at the Takhlekh campground, but were not included in the data files as they are clearly campfires. | | | |