

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Umpqua North Complex OR-UPF-000406	IR Interpreter(s): Maximillian Wahlberg mwahlberg@fs.fed.us	Local Dispatch Phone: OR-RICC (541-957-3325)	Interpreted Size: 23,501 (all fires combined) Growth last period: 2,577 acres (all fires combined)
Flight Time: 2218 hours PDT Flight Date: 8/29/2017	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: Jan Johnson National Coord. Phone: 208-387-5900
Ordered By: OR-UPF	A Number: A-51	Aircraft/Scanner System: N149z / Phoenix	Pilots/Techs: N149Z Flight Crew Pilot: Kris Nelson Pilot: Justin White Tech: Woody Smith
IRIN Comments on imagery: Tonight's strips had less overlap than previous night's imagery. Happy Dog / Ragged Ridge fall right on a seam. Full coverage was provided, however the center of these fires fall in an area of off-nadir imagery and some overlapping latticing. Feedback was provided to the IR Tech and will be flown differently tomorrow night.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter, intense heat, scattered heat, and isolated heat
Date and Time Imagery Received by Interpreter: 8/29/17 @ 1115 hrs PDT		Type of media for final product: Shapefiles, PDF Map, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: 8/30/17 @ 0330 hrs PDT		Digital files sent to: NIFC FTP: http://ftp.nifc.gov/incident_specific_data/pacific_nw/2017_Incidents_Oregon/2017_Umpqua_North_Complex/IR/20170830/	

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Comments /notes on tonight's mission and this interpretation:

Tonight's mapping used the previous night's IR perimeter as a starting point.

Happy Dog / Ragged Ridge: (15,924 acres) Perimeter growth and very intense heat was mapped in the Rattlesnake Creek drainage north and east more than a mile since the previous IR. Two disconnected intense heat polygons were mapped north of this heat between Onion Creek and Trail 1553. Consumption of the large unburned interior island in the western portion of the Ragged Ridge fire continues to burn out, though two significant unburned islands remain, with intense heat showing interior from the fire perimeter in this area. Fire growth was observed in the far northeastern portion of the fire, with heat showing on both sides of FS Road 3810 west of the FS 100 road junction. The Happy Dog fire showed growth and intense on the eastern side of the fire. Burnout between Copeland Creek and the 700 road on Oak Flats showed intense heat, with no fire detected east of the 700 road. A new polygon of fire was mapped on the southwest side of CR 28 in section 31.

Fall Creek: (4,226 acres) Consumption of interior islands continues, while no exterior perimeter growth was detected. Pockets of intense heat were detected interior to the fire, and the large unburned island is shrinking but still very large.

Twin #1: (1,210 acres) Primary perimeter growth was mapped along the fire's eastern and northeastern sides where intense heat was mapped along the fire's edge. Three spot fires were detected east of the main fire on the north facing slope north of point 4862.

Brokentooth: (1,164 acres) limited growth was mapped in multiple directions with areas of advancement showing intense and scattered heat. To the east, the fire has nearly reached, but not crossed Camas Creek. To the west, the fire has reached FS Road 340 north of map label 3871 in section 19.

Dog Prairie: (524 acres) Growth to the northwest and west was observed with intense heat showing in areas of perimeter expansion.

Mudd 2: (174 acres) Growth was mapped to the northwest and west with two polygons of intense heat mapped.

Devil: (115 acres) No growth or intense heat, with only isolated interior heat observed.

Oak Nob: (59 acres) no growth or heat detected.

#444: (48 acres) limited perimeter change detected.

Copeland: (48 acres) Copeland grew once again to the northwest and southeast.

Twin #4: (6 acres) no growth or heat detected.

#443: (1 acre) *previously labeled "unnamed 2"* no growth or heat detected.