

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Devil's Knob Complex OR-UPF-000450	IR Interpreter(s): Veronica Lopez (t) Cheron Ferland	Local Dispatch Phone: Roseburg Interagency CC 541-957-3325	Interpreted Size: 2,081 acres Growth last period: N/A
Flight Time: 0110 PDT	Interpreter(s) location: Duluth, MN	GACC IR Liaison: Jim Grace	National Coordinator: Tom Mellin
Flight Date: 8/7/2021	Interpreter(s) Phone: 517-290-7830	GACC IR Liaison Phone: 541-771-4521	National Coord. Phone: 505-842-3845
Ordered By: Veronica Lopez	A Number: A-23	Aircraft/Scanner System: TENAX N350FV / TK9	Pilots/Techs: IR Tech: Elizabeth
IRIN Comments on imagery: Scan was clear and orthoimagery rectification issues were minimal. 3 passes.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter, intense, scattered, and isolated heat sources.
Date and Time Imagery Received by Interpreter:		Type of media for final product: PDFs, KMZ, geodatabase, shapefiles, and IR log.	
Date and Time Products Delivered to Incident:		Digital files sent to: Posted to FTP (ftp.wildfire.gov/incident_specific_data/) and NIFS. Email to: 2021.devilsknob.situation@firenet.gov	

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

Heat perimeters were mapped from previous fire perimeters. Two new fires were mapped, one includes a small spot fire nearby; these fires appear on Maps 2 and 3. The complex contained fifteen mapped heat perimeters. The top six heat perimeters totaled 816, 387, 228, 188, 133, and 120 acres, respectively.

The seven large fires were a mixture of intense and scattered heat, except for one brand new fire, which was all intense heat. A few of the smaller fires contain intense heat. The majority of the smaller heat perimeters contain scattered heat with some containing isolated heat sources. Acres of the named fires are below.

Label	GIS_Acres	Label	GIS_Acres
Little Applegate	133	446	120
Big Hamlin	387	Section 30	75
440	2	Wild Cat	188
443	2	Mule	816
444	40	Devils Knob Complex	1
420	2	Smith	228