

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Devils Knob Incident ID: OR-UPF-000450	IR Interpreter(s): Jennifer Frazer Trisha Boll (t) Interpreter Email: Trisha.boll@usda.gov	Local Dispatch Phone: Roseburg Interagency Fire Center (541)-957-3325	Interpreted Size: 7760 acres Growth last period: + 734 acres
Flight Date / Time: 8/14/2021 @ 2115 PDT	Interpreter(s) location: White Sulphur Springs, MT Interpreter(s) Phone: 203-695-1207	GACC IR Liaison: Jim Grace (PNW) GACC IR Liaison Phone: 541-771-4521	National Coordinator: Tom Mellin National Coord. Phone: 505-301-8167
Ordered By: Dale Putman 541-410-6821 Charles_putman@firenet.gov	A Number: A-61	Aircraft/Scanner System: N350SM / Tenax	Pilots/Techs: Tech: Rachel
IRIN Comments on imagery: Clear and good orthorectification scan order NW and NE. Clouds present in SW scan		Weather at time of flight: Clear on NW and NE Cloudy on SW	Flight Objective: IR heat perimeter and heat sources
Date /Time Imagery Received by Interpreter: 8/14/2021 2230 PDT		Type of media for final product: IRIN Daily Log, Shapefiles, KML, PDF Maps, Geodatabase Digital files sent to: https://ftp.wildfire.gov/incident_specific_data/pacific_nw/2021_Oregon/DevilsKnob/IR and uploaded to NIFS IR Polygon feature class Emailed to: 2021.devilsknob.situation@firenet.gov ;	
Date /Time products delivered 8/14/2021 0500 PDT			

Comments

Starting perimeters from NIFS features service, pulled at around @0100 PDT.

All Fires with GISS Misc = Devils Knob pulled. Starting Complex Acres queried from NIFS is: 7,026.

Only Fire perimeters within Scan Area where pulled and replaced in the IR Point/IR Polygon Data.

LOADING DATA INTO NIFS:

IR POLYGON feature service contained data for the NE Scan box which was not affiliated with the NIROPS program. Our protocols call us to replace data daily to avoid confusion. Data was exported, packaged in GDB and will sent via email to Team staff; insuring preservation of data if the Master GDB of the incident does not contain this information.

400 Big Hamlin: Big Hamlen has officially merged/joined into 495. Starting acres from NIFC (GISS had already merged the two as a multiple part polygon). Expansion of heat perimeter and intense heat observed along the south-central and southern edges, where 400 and 495 met. One large finger left the north flank and made it to down near to the bank of Jackson Creek.

405 Mule – No growth of heat perimeter. Scattered heat throughout most of it.

433 Three Devils– <1 acres growth. Scattered heat throughout.

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Previous Acres Total: 7,026

Interpreted Acres: 7,760

Difference: 734

Incident Name	Observation	Previous_Ac	Interpreted Ac	Change In_Ac
400-Big Hamlin	Growth Occurred	4556	5006	450
425-Smith	Growth Occurred	966	1251	284
433-Three Devils	Growth Occurred	4.7	4.8	< 1
405-Mule Creek	Internal Heat Observed	1024	1023	0
422-Wild Cat	Internal Heat Observed	215	215	0
412-Little Applegate	Internal Heat Observed	135	135	0
444-Dismal Creek	Internal Heat Observed	40	40	0
439-Railroad	No Heat Observed	76	76	NA
443-East Fork Dismal	No Heat Observed	2.2	2.2	NA
420	No Heat Observed	2.1	2.1	NA
440	No Heat Observed	1.9	1.9	NA
509-Dismal Panther	No Heat Observed	0.6	0.6	NA
406-Applegate Creek	No Heat Observed	0.3	0.3	NA
445	No Heat Observed	0.1	0.1	NA
429-Tucker Divide	No Heat Observed	0.1	0.1	NA
397	No Heat Observed	0.1	0.1	NA
418	No Heat Observed	0.1	0.1	NA
389	No Heat Observed	0.1	0.1	NA
417-Stampede	No Heat Observed	0.1	0.1	NA
434	No Heat Observed	0.1	0.1	NA
408-Red Mountain	No Heat Observed	0.1	0.1	NA
404	No Heat Observed	0.1	0.1	NA