

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Names:</b> Skyline Ridge Complex OR - 0732S-00174	<b>IR Interpreter(s):</b> Jennifer Frazer  <b>Interpreter Email:</b> Jennifer_Frazer@ usda.gov	<b>Local Dispatch:</b> Roseburg Dispatch  <b>Phone:</b> (208) 983-6803	<b>Interpreted Size:</b> 5,756 acres  <b>Growth last period:</b> +0 acres
<b>Flight Date/Time:</b> 8/15/2021 2020 PDT	<b>Interpreter(s) location:</b> White Sulphur Springs, MT  <b>Interpreter(s) Phone:</b> 203-695-1207	<b>GACC IR Liaison:</b> Jim Grace  <b>GACC IR Liaison Phone:</b> (541) 771-4521	<b>National Coordinator:</b> Tom Mellin  <b>National Coord. Phone:</b> 505-301-8167
<b>Ordered By: SITL</b> Matt Mackey; 971-271- 9606; matt.a.mackey@oregon.g ov	<b>A Number:</b> A-37	<b>Aircraft/Scanner System:</b> N350SM Tenex	<b>Pilots/Techs:</b> Tech: John
<b>IRIN Comments on imagery:</b> Scan Boxes were same as last flight.  Clear and aligned very well.		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> IR heat perimeter & heat sources
<b>Date and Time Imagery Received by Interpreter:</b> 8/15/2021 2230 PDT		<b>Type of media for final product:</b> IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps	
<b>Date and Time Products Delivered to Incident:</b> 8/16/2021 0200 PDT		<b>Digital files sent to:</b> <a href="https://ftp.wildfire.gov/incident_specific_data/pacific_nw/2021_Oregon/SkylineRidge/IR">https://ftp.wildfire.gov/incident_specific_data/pacific_nw/2021_Oregon/SkylineRidge/IR</a> Uploaded to NIFS; IR Polygon Feature Class	

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

Starting Perimeters obtained from NIFS, Checked out at 2130 PDT. Starting acres from NIFS were 5,756 acres (did not recalculate).

Pooler:  
 Started with Event Polygon, 5,291 acres.  
 From the imagery I do not see any isolated heat sources located outside the main heat perimeter. Hot isolated heat sources were noted close to the heat perimeter edge on the south and east flank which might be of interest.  
 Interior and the south half is cooling. Scattered heat area in map within the Northern half is considerably hotter than the south. No areas displayed intense heat (excluding very small pockets which were evenly distributed in the northern half).

Sweat, O'Shea Creek and Turkey: Isolated heat and scatter heat observed within established heat perimeters

Ike Butte: Scatter heat observed within established heat perimeters. Special concern is one spot of isolated heat on the northern flank which is over or very, very close to the line (I'm seeing it as just over). However, I wasn't confident the heat justified a growth in the heat perimeter.

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Grey fires with heat observed.

Fire Name	Heat Interpretation Description	Acres (NIFS @ 2130)	Interpreted Acres	Acres Difference
O'Shea Creek	Internal Heat Observed	200	200	0
Galesville Boat Ramp	No Heat Observed	0.04	0.04	0
Galesville Overlook	No Heat Observed	0.2	0.2	0
Sweat Creek	Internal Heat Observed	67	67	0
Turkey Creek	Internal Heat Observed	31	31	0
Packard Creek	No Heat Observed	19	19	0
Spring Fire	No Heat Observed	7	7	0
McGinnis	No Heat Observed	20	20	0
Ike Butte	Internal Heat Observed	118	118	0
Hill Fire	No Heat Observed	2	2	0
Shively Overlook	No Heat Observed	0.2	0.2	0
Poole Creek	Internal Heat Observed	5291	5291	0
Russell Creek	No Heat Observed	0.05	0.05	0
Blackhawk	No Heat Observed	0.1	0.1	0
Headwater	No Heat Observed	0.2	0.2	0
Snow Creek	Outside Scan Box	0.06	0.06	0
Cedar Springs	Outside Scan Box	0.5	0.5	0
Cedar Creek	Outside Scan Box	0.3	0.3	0
Upper Starvout	Outside Scan Box	0.1	0.1	0
		5,756	5,756	0