

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> MNF August Complex CA-MNF-000753	<b>IR Interpreter(s):</b> Maximillian Wahlberg <a href="mailto:max.wahlberg@usda.gov">max.wahlberg@usda.gov</a>	<b>Local Dispatch Phone:</b> Mendocino (530-934-7758)	<b>Interpreted Size:</b> 215,501 total (see comments for individual fire acreage) <b>Growth last period:</b> 21,954 acres
<b>Flight Time:</b> 2052 PDT (start of scan) <b>Flight Date:</b> 8/27/2019	<b>Interpreter(s) location:</b> Portland, OR <b>Interpreter(s) Phone:</b> 503-319-9582	<b>GACC IR Liaison:</b> Kyle Felker <b>GACC IR Liaison Phone:</b> 530-251-6112	<b>National Coordinator:</b> Jan Johnson <b>National Coord. Phone:</b> 801-975-3762
<b>Ordered By:</b> CA-MNF (5309347758)	<b>A Number:</b> A-97	<b>Aircraft/Scanner System:</b> N350FV /Overwatch Tk9	<b>Pilots/Techs:</b> <b>Flight Crew</b> Left: Netcher right: Donaldson tech: Neubert
<b>IRIN Comments on imagery:</b> Northern box was flown with two east west passes, and these strips had LWIR issues. Only MWIR was usable for these. The big box had clean imagery.		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Map heat perimeter, intense heat, scattered heat, and isolated heat
<b>Date and Time Imagery Received by Interpreter:</b> 8/28/20 @ 0005 PDT		<b>Type of media for final product:</b> Shapefiles, PDF Map, KMZ, IR Daily Log	
<b>Date and Time Products Delivered to Incident:</b> 8/28/2020 @ 0555 PDT.		<b>Digital files sent to:</b> NIFC FTP: <a href="https://ftp.nifc.gov/public/incident_specific_data/calif_n/!2020_FEDERAL_Incidents/CA-MNF-000753_August_Complex/IR/NIROPS/20200827/">https://ftp.nifc.gov/public/incident_specific_data/calif_n/!2020_FEDERAL_Incidents/CA-MNF-000753_August_Complex/IR/NIROPS/20200827/</a>	
<b>Comments / notes on tonight's mission and this interpretation:</b> Tonight's mapping used the previously mapped heat perimeter from 8/25 a base for mapping. <b>Doe:</b> growth was mapped on the Doe fire's western and northern edge, with intense heat mapped in areas of growth. The large disconnected heat polygon along Hall Ridge continues to grow to the north and west, though remains disconnected from the main Doe heat perimeter. Previously unburned interior islands continue to shrink, but have not entirely filled in, including a large one in the area of Five Spring Creek. <b>Hulls Grave:</b> significant perimeter growth to the north and east were mapped tonight., along with intense heat along the perimeter. The burnout operation along boardman ridge on the fire's southwest corner was evident and exhibited a ribbon of intense heat. <b>Glade:</b> perimeter growth was mapped on nearly all sides, though some areas included in the incident Event Polygon do not appear to have yet burned. Active burnout operations were evident along NF-M2 east of Sheep Ridge, as well along NF-M2 on Boswell Ridge. One spot fire north of this burnout was identified north of NF-M2 northeast of Johnson Cabin. The incident SITL was notified of this 0.5 acre spot via text message at 2346 pdt. <b>Tatham:</b> perimeter growth was mapped along the fire's northern, western and southern ridge. A large polygon of intense heat was mapped in the area of westward fire growth stretching from Henderson Creek to Trough Ridge. <b>Vinegar Peak:</b> no growth was mapped on the Vinegar Peak fire, with only 4 isolated heat sources detected for this fire.			

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**Willow Basin:** limited perimeter growth was mapped on the willow basin fire, though scattered heat remains throughout much of the fire area with a few small pockets of intense heat mapped along the fire's perimeter. A small portion of this fire is on the Shasta-Trinity NF.

**Hopkins:** perimeter growth along with intense heat was mapped on the western, northern and eastern sides of the Hopkins Fire. Much of the fire's interior shows scattered heat with the exception of North Mickey Ridge which has only isolated heat showing. A portion of the Hopkins fire occurs on the Shasta-Trinity NF.

1,329 acres of the Hopkins fire and 23 acres of the Willow Basin fire were mapped on the Shasta-Trinity National Forest.

**NOTE: The Elkhorn incident was not included in the scan. Unmapped heat may exist outside the scan area.**

<u>Fire Name</u>	<u>Current Acres</u>	<u>Previous Acres</u>	<u>Growth</u>
Hulls Grave	9,303	4,885	4,418
Glade	20,633	16,023	4,609
Willow Basin	794	763	31
Hopkins	5,450	3,780	1,670
Vinegar Peak	12	12	0
Tatham	10,679	8,958	1,721
Doe	168,630	159,124	9,505
Total Acres:		Total Growth:	21,954