

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Red Salmon CA-SRF-000656	IR Interpreter(s): Elise Bowne elise.bowne@usda.gov	Local Dispatch Phone: Redding Interagency Command Center 707-441-3658	Interpreted Size: 101,567 acres (in UTM10, NAD83) Growth last period: 2340 acres
Flight Time: 0130 PDT Flight Date: 9/18/2020	Interpreter(s) location: Denver, CO Interpreter(s) Phone: cell/text 303-517-7510	GACC IR Liaison: Kyle Felker GACC IR Liaison Phone: 530-251-6112	National Coordinator: Thomas Mellin National Coord. Phone: 505-842-3845
Ordered By: CA-SRF	A Number: A-181	Aircraft/Scanner System: Tenax N350FV / TK-9	Pilots/Techs: Henderson, Cole / Ramsey
IRIN Comments on imagery: Lots of clouds present in sporadically over the fires area, with orthorectification issues as well.		Weather at time of flight: Partly cloudy	Flight Objective: Map heat perimeter and heat outside the perimeter
Date and Time Imagery Received by Interpreter: 9/18/2020 @ 0430 PDT		Type of media for final product: Shapefiles, PDF Maps, KMZ, Interpreter's Log	
Date and Time Products Delivered to Incident: 9/18/2020 @ 0600 PDT partial – rest of shapefiles and maps to follow		Digital files sent to: NIFC FTP https://ftp.nifc.gov/public/incident_specific_data/calif_n/2020_FEDERAL_Incidents/CA-SRF-000656_Red_Salmon_Complex/IR/NIROPS/	
Comments /notes on tonight's mission and this interpretation: Initial perimeter was downloaded from the National Incident Feature Service - hosted. Scattered clouds over the image – these will be mapped to show the areas that were not clearly seen. Unfortunately, the water vapor in clouds absorbs infrared and the ability to discern the perimeter or any of the heat was impaired. Where the clouds were thin enough, some heat showed through and was able to be mapped. Lots of burning out of internal islands, and some growth along the SW part of the incident and also on the NE side, with the isolated heat area out ahead of the fire also showing some growth – unfortunately when the airplane was over that area there was a cloud directly over it. There is likely more heat there, but the heat only showed through where the clouds was thinner. Feedback or question? Please contact the interpreter with the contact info above.			