

**PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2022
Data Response**

PG&E Data Request No.:	MGRA_004-Q04		
PG&E File Name:	WMP-Discovery2022_DR_MGRA_004-Q04		
Request Date:	April 1, 2022	Requester DR No.:	MGRA-PGE-WMP22_DataRequest4
Date Sent:	April 5, 2022	Requesting Party:	Mussey Grade Road Alliance
PG&E Witness:		Requester:	Joseph Mitchell

SUBJECT: WILDFIRE RISK MODELING

In PG&E's response to MGRA Data Request 3, PG&E states that:

For the 2022 WDRM v3, fire severity for a given day is assessed for "destructive potential" vs. not, where destructive potential is assessed using Technosylva outputs of flame length and rate of spread (with threshold values that provide full recall of historically destructive fires) for historically worst weather and Rscores (4 and above) for all days in the June through November fire season. If either approach evaluates to destructive potential, the day/location is considered to have consequences consistent with the expectation value of MAVF CoRE assigned to fires from the VIIRS data set that also are flagged with destructive potential.

QUESTION 04

Specify how consequences are assigned from the VIIRS fires to the Cal Fire fire outcome data set. Is this assignment based on a specific mapping, on averages, or on a Monte Carlo.

ANSWER 04

The VIIRS sub-daily fire detections were combined with agency fire information via our partner Sonoma Technology, Inc (STI). This was done by mapping the date/time of fire detections to the date/time of fires in agency databases.