

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

PG&E Data Request No.:	MGRA_004-Q05		
PG&E File Name:	WMP-Discovery2022_DR_MGRA_004-Q05		
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 05

PG&E states that: "The seasonal P(ignition) value are the result of marginalizing daily P(ignition|outage) values across days from historic fire seasons (i.e. based on daily weather and fuel conditions) to produce a seasonal value derived from daily estimates.

ANSWER 05

PG&E notes that this does not appear to be a separate question, but instead appears to be an introduction to Question 06.