

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

PG&E Data Request No.:	MGRA_002-Q19		
PG&E File Name:	WMP-Discovery2022_DR_MGRA_002-Q19		
Request Date:	March 23, 2022	Requester DR No.:	MGRA-PGE-WMP22_DataRequest2
Date Sent:	March 28, 2022	Requesting Party:	Mussey Grade Road Alliance
PG&E Witness:		Requester:	Joseph Mitchell

**SUBJECT: SITUATIONAL AWARENESS**

**QUESTION 19**

On p. 384 PG&E states that

“The phase and magnitude of the Madden-Julian Oscillation was shown to be a potential predictor of upcoming Diablo wind events by both internal and external research.

Provide appropriate citations.

**ANSWER 19**

Below is link to an external study that looks at the Madden-Julian Oscillation relative to Diablo Winds:

<https://ui.adsabs.harvard.edu/abs/2019AGUFM.A23J2945L/abstract>.

Please also find an internal study that was performed on this topic titled: “WMP-Discovery2022\_DR\_MGRA\_002-Q19Atrch01”.