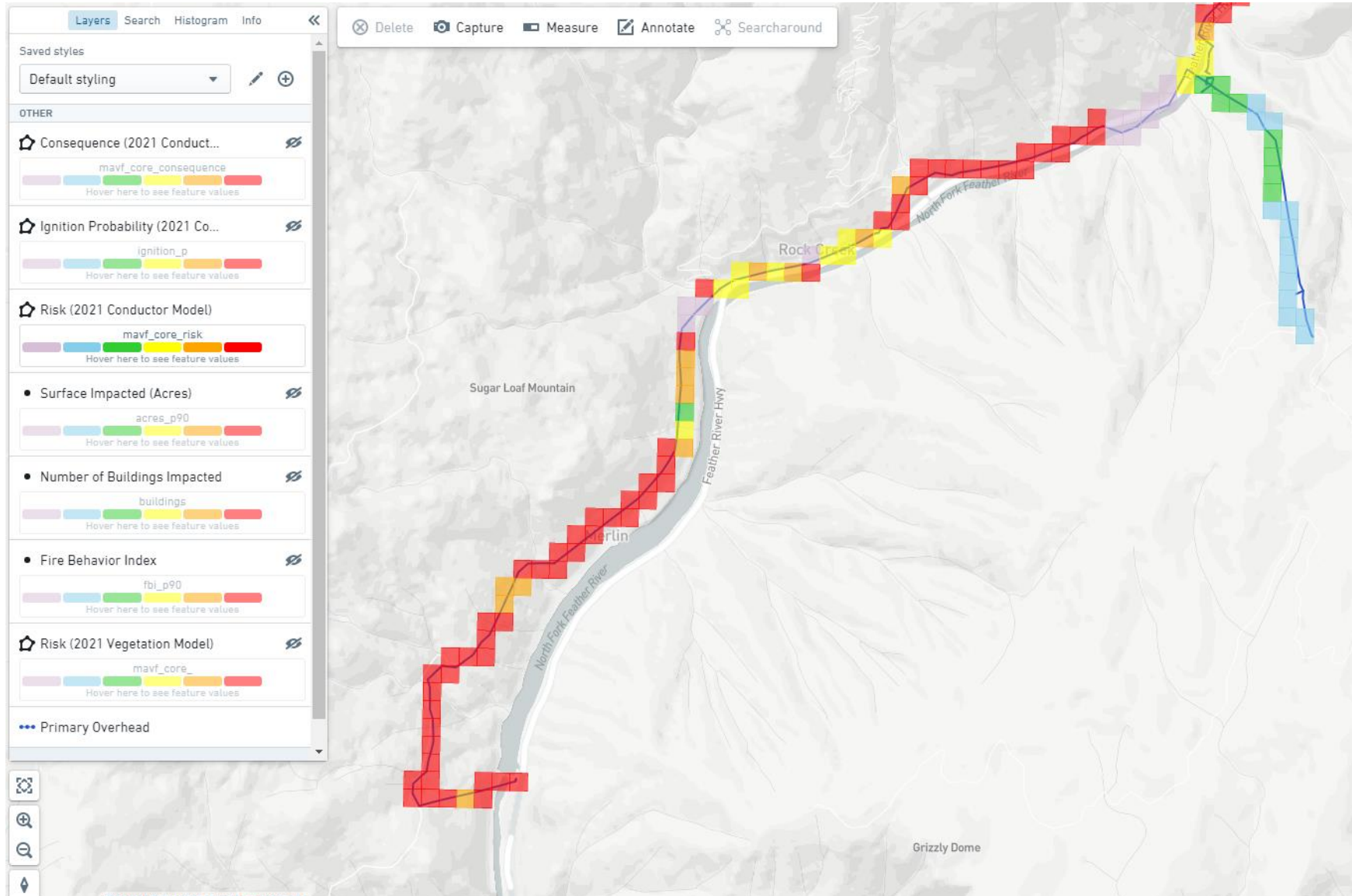


2021 Wildfire Distribution Risk Model views for the Bucks Creek 1101 Field Visit

April 16, 2021

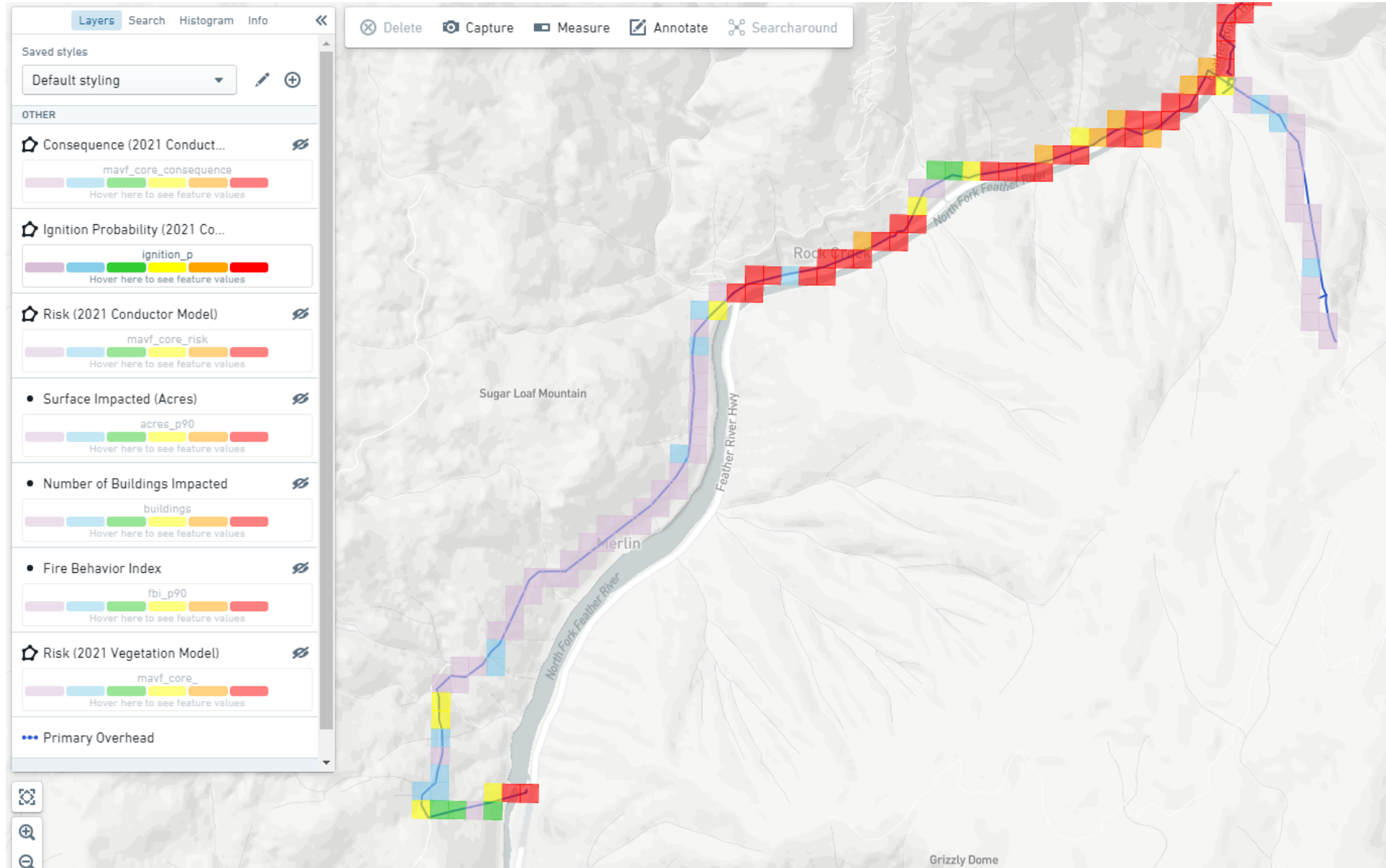


Bucks Creek 1101 CB - Conductor Risk Pixels



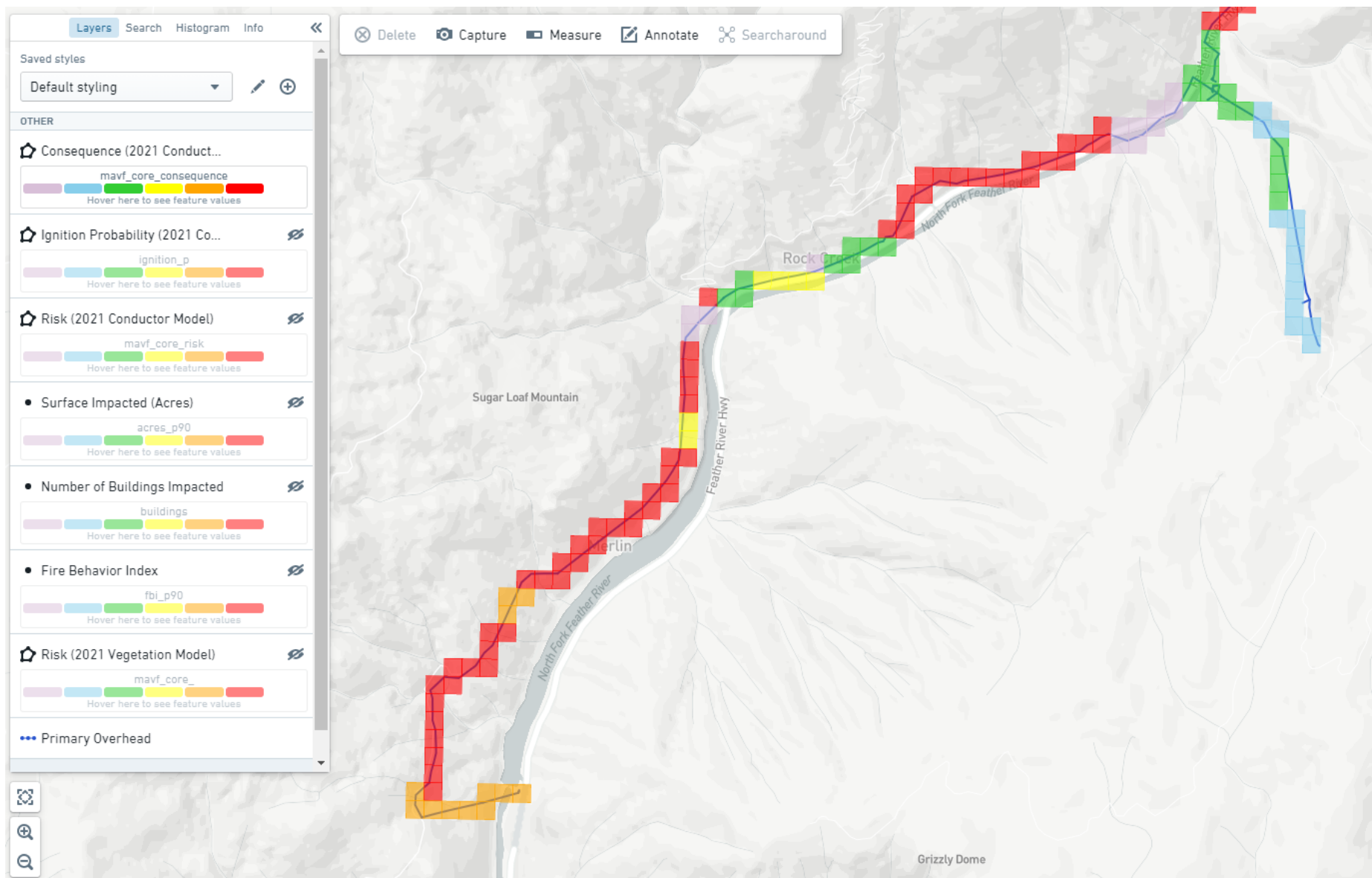
Pixel view of Wildfire Risk along circuit segments allows teams to identify collections of 100 meter pixels for focused mitigations

Bucks Creek 1101 CB - Ignition Probability



The ignition probability and Wildfire Consequence portions of the Risk at each pixel can be viewed to provide insight into which portion of the risk equation is driving the higher risk pixels. A high ignition probability would point towards mitigations improving the distribution line.

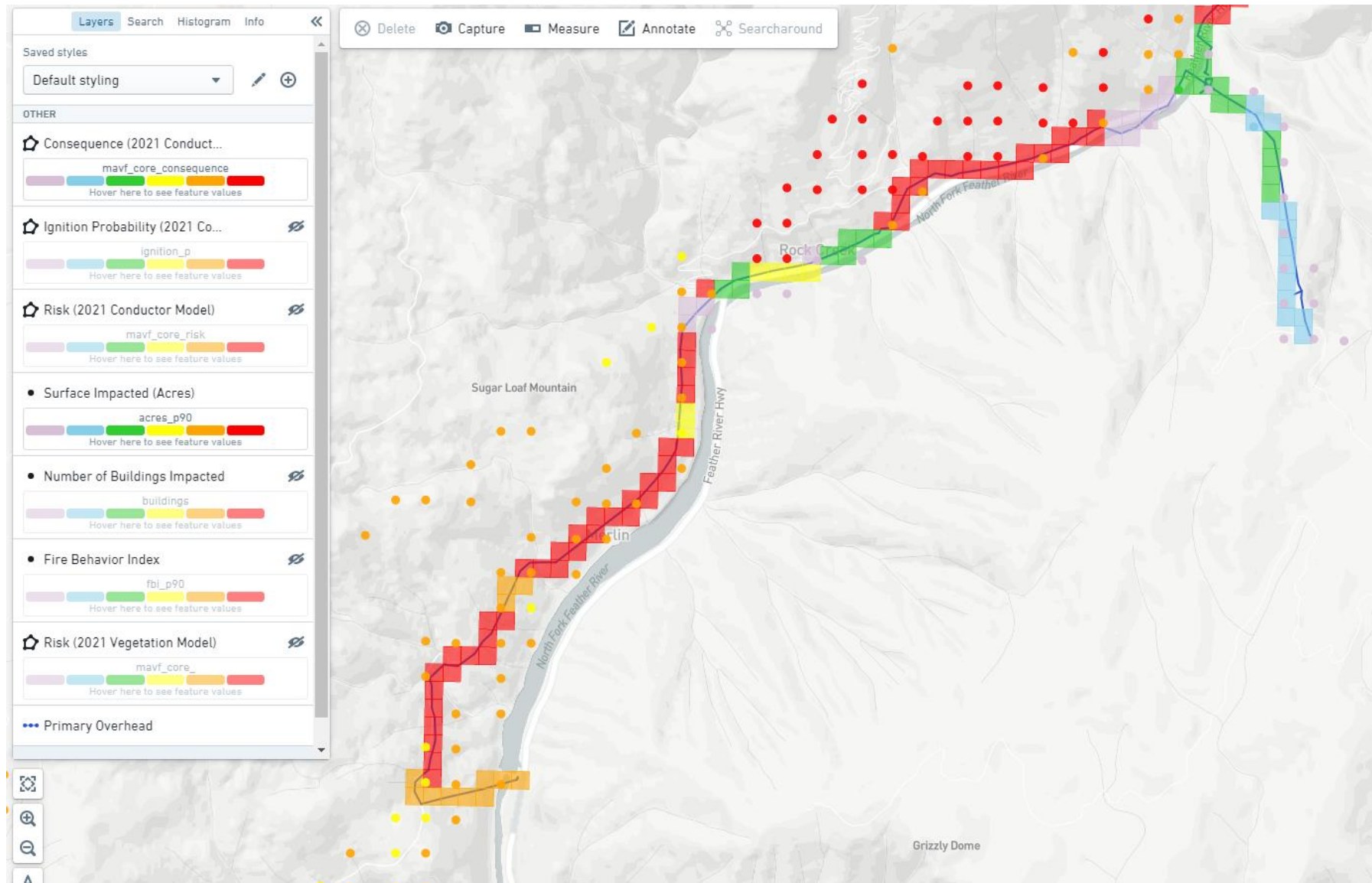
Bucks Creek 1101 CB – Wildfire Consequence Pixels



The ignition probability and Wildfire Consequence portions of the Risk at each pixel can be viewed to provide insight into which portion of the risk equation is driving the higher risk pixels. A high ignition wildfire consequence would indicate that the fuels and other environmental conditions make this a difficult location to operate an overhead line.

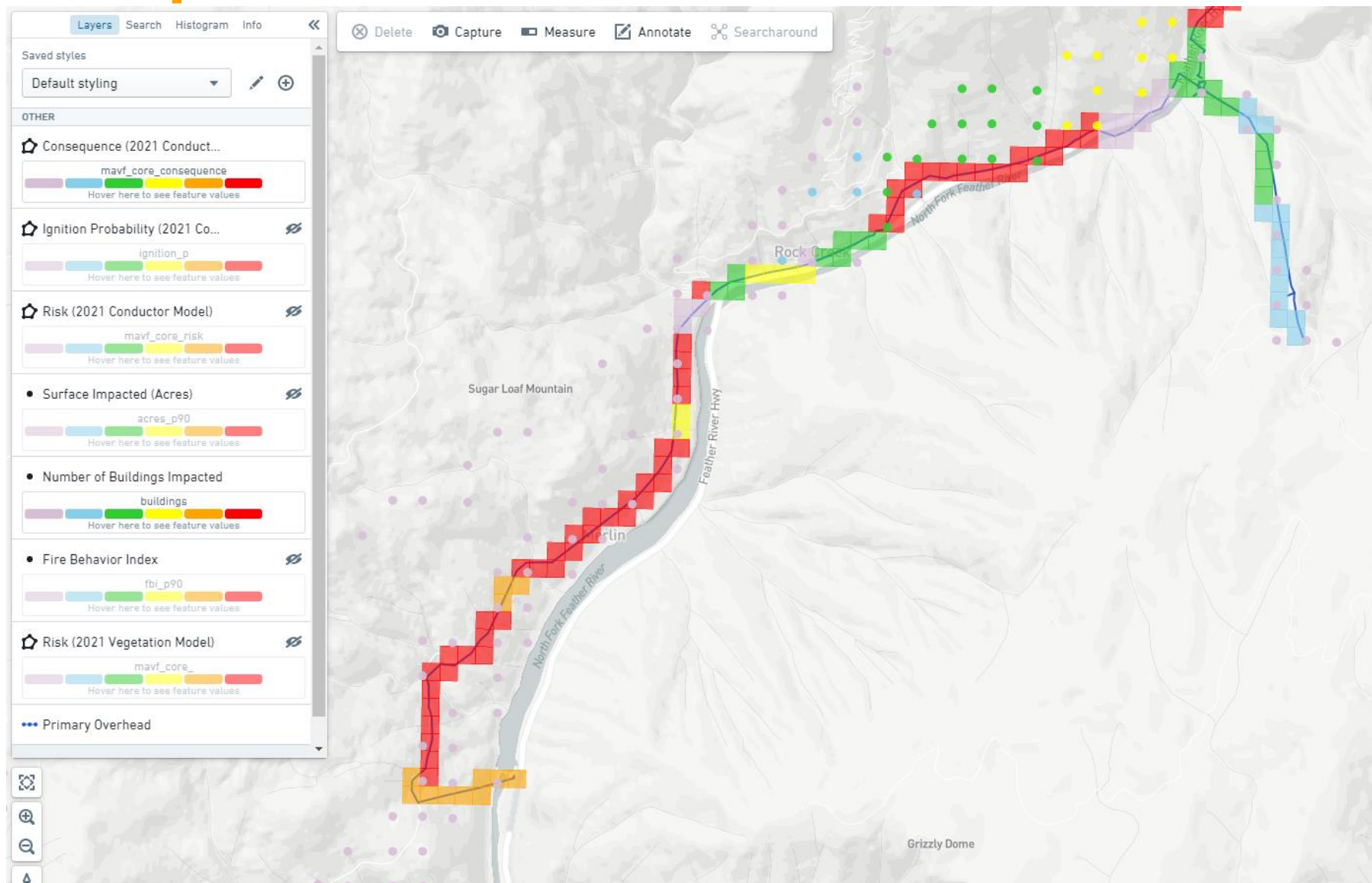


Bucks Creek 1101 CB – Surface Impacted Acres from 8-hour fire simulation



The wildfire consequence values can be further explored to gain insights whether it is the size (acres), or rate of spread (FBI), of number of impacted structures that largely contribute to the wildfire consequence values.

Bucks Creek 1101 CB – Number of Buildings Impacted from 8-hour fire simulation



Bucks Creek 1101 CB – Fire Behavior Index (FBI) from 8-hour fire simulation

