



Revealing the ecosystem as never before

Capturing the view in real-time over a four night period. With more geysers in the park than any other place on earth, the production team from Plimsoll Productions wanted to tell the story with as much detail as possible. They turned to Fluke infrared cameras to provide the temperature data to demonstrate the power and heat generated by these and other thermal activities at the park — including a thermal aerial view of Old Faithful erupting.

“With more than 10,000 hydrothermal features, over half of all the world’s geysers are in Yellowstone Park,” said Peter Fison, producer for Plimsoll Productions. “We had the Fluke cameras so we could see when these jets come up they can reach hundreds of degrees Fahrenheit hot. When you look at them with your eyes you can see the steam and the water, but you never get an idea of how hot they are”.

With 34 live cameras filming more than 22 million acres, across three states, two national parks, five national forests and the most remote wilderness in the lower 48 states, YELLOWSTONE LIVE reveals this ecosystem as never seen before.

“On a normal shoot we can film these geysers and volcanic features and you can see it with your eyes, but it doesn’t tell the full story,” said Fison. “The full story is about volcanic heat and we can see that with thermal cameras. The camera can tell us the hottest part of the spout, and that it’s over 100 degrees Fahrenheit.

“The Fluke camera gave us a way to see a bigger picture on these volcanic features. It has a real simple interface. You can point to where the hottest bit is and where the least hot bit is and I think that’s a simple concept for the audience to get. Even when we’re filming the mist and fog of morning when you can’t see anything, a thermal camera sees something new.”

With cameras ranging from the Performance Series, the Professional Series, or the Expert Series that delivers up to 1280 x 960 with resolution on a large screen, Fluke infrared cameras are built tough for use in any environment — even the largest concentration of thermal activity in the world.