



FarSight Proves Itself in Storms Dudley, Eunice, and Franklin!

February 2022 saw three storms affect the UK within the space of a week, with two rare red warnings issued for Storm Eunice, the most severe and damaging storm to affect England and Wales since February 2014. These storms formed part of a turbulent spell of wet and windy weather for the UK, associated with a powerful jet stream.

Storm Eunice brought with it major weather impacts, with power cuts that lasted for days, roads and railways blocked by fallen trees and many schools and businesses were closed. Storms Dudley and Franklin also brought impacts, around 400 properties were flooded, with severe flood warnings issued for several major rivers including the River Severn. These storms, especially one after another were a 1 in 30 year event, meaning it's unlikely we'll see anything like this again!

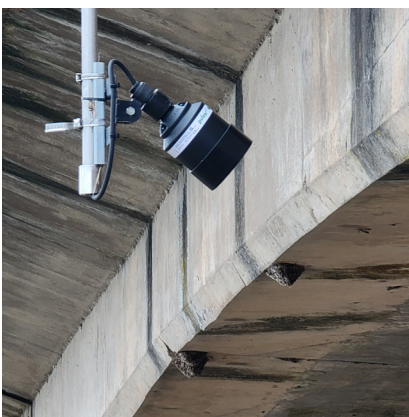
More than 100 mm of rain fell widely across upland areas, and over 20 mm across parts of Wales and the Pennines. Much of Wales and Northern England received the whole-month February 1991-2020 average rainfall, with some locations more than 150% of average.

Ample Conditions for a Robust Product

At Pulsar Measurement, we are continually investing in research and development and trying to improve our products. One example, the all-new FarSight had been on test at Knightwick Bridge located along the River Teme.

Traditionally with non-contacting velocity measurement, the readings can be disturbed by rain or wind making the measurements inaccurate.

The FarSight was specifically designed with global challenging weather conditions in mind, and to thoroughly test its capabilities, we left it installed in the field for over 12 months to see how much data we could capture and to

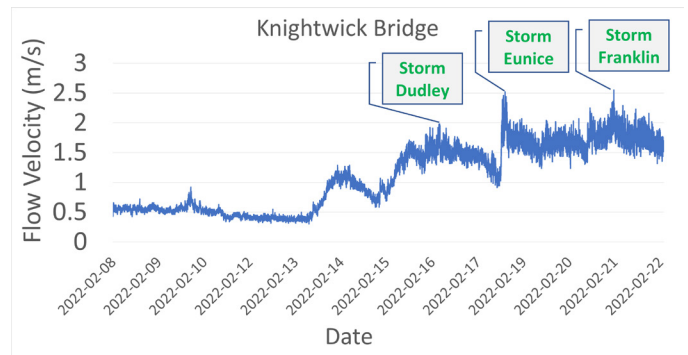


FarSight performed way beyond anyone's expectations and gave us repeatable and accurate results, with no loss of measurement throughout the entire period. At it's peak, the velocity of the river reached 2.5 m/s, compared to 0.6 m/s in normal conditions.

ensure we could measure its performance in all extremes of weather.

During the tropical storms that hit the UK in February 2022, FarSight performed way beyond anyone's expectations and gave us repeatable and accurate results, with no loss of measurement throughout the entire period. At its peak, the velocity of the river reached 2.5 m/s, compared to 0.6 m/s in normal conditions.

The data opposite shows the increase in velocity throughout each storm, with storm Dudley hitting first, followed by Eunice and then Franklin. There is no loss of signal events to be found, showing that the FarSight was able to work continuously despite the extreme local environmental conditions.



FarSight – Unbeatable Performance in Unstable Conditions

FarSight has been designed to provide the highest confidence in challenging velocity measurement applications with the fewest number of sensors. The wide beam angle of the FarSight means that for river level monitoring, where you would typically need a multiple number of sensors for an accurate velocity reading on a wide river or channel, you now only need one.

With its lower cost compared to other non-contact velocity sensors, not only is the FarSight designed to minimize capital costs upon purchase, but it also reduces the life cost of the sensor thanks to its robustness and no moving parts. It is designed to withstand tough weather conditions and tough applications with few measurement points needed. This brand-new product follows our traditional "fit and forget" mindset, with it being easy to install and deploy due to its own built-in tilt sensor that compensates for the angle of installation and removes the need to mount at exactly 45° to the measurement surface.

Don't take our word for it, let the data from Storms Dudley, Eunice and Franklin do the talking!

For more information on this brand-new product, contact a member of your friendly Pulsar Measurement Team today!



INFO@PULSARMEASUREMENT.COM

Pulsar Measurement is a trading name of Pulsar Process Measurement, Ltd.

*Copyright © 2023 Pulsar Measurement
Registered Address: 1 Chamberlain Square CS, Birmingham B3 3AX
Registered No.: 3345604 England & Wales*

United States
11451 Belcher Road South
Largo, FL 33773
+1 888-473-9546

Canada
16456 Sixsmith Drive
Long Sault, Ont. K0C 1P0
+1 855-300-9151

United Kingdom
Cardinal Building, Enigma
Commercial Centre
Sandy's Road, Malvern WR14 1JJ
+44 (0) 1684 891371