

Doppler Flow Instrumentation Upgrades within the Yuma Irrigation District

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Agriculture irrigation canals in the West tend to utilize an amalgamation of older technologies that struggle to attain the accuracies available with the new generation of Doppler flow instruments. Due to an ongoing effort by the Federal Government to increase flow accuracy and the timely transfer of discharge data to the end user, Doppler flow instruments are coming to the fore.

The proposed presentation shall cover the ongoing upgrades that are taking place within the Yuma Irrigation District, under the auspices of the USGS/USBR. The presentation will focus around the practicality, cost and benefit of replacing/augmenting aged equipment with highly accurate Doppler units.