

BridgeBox™



 **Intelligent River**®
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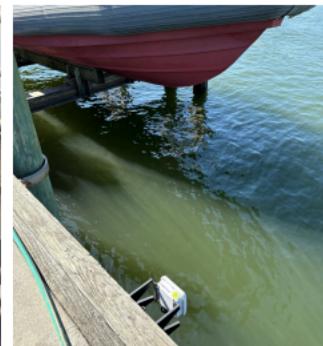
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Purpose

Installed BridgeBox™ units serve to supplement the existing USGS gages to provide a more comprehensive view of stream response to extreme weather events. Water level sensor placement targets known flood-prone and other critical areas using feedback from local experts, citizen input, and flood modeling outputs collected by SCOR Watershed Coordinators. These data can be used to develop flood estimates for future planning.



BridgeBox™ Key Information

- Each BridgeBox™ unit measures at 5in x 6in.
- Uses internet-connected devices to monitor water levels and stream data to a cloud-based system.
- Current system measures water level every **6 minutes**, with each box having a battery life of more than 2 years.
- Secure, non-invasive mounting solutions for various installations.

Tracking Capabilities

The sensor systems can track water level conditions in or on:



Rivers &
Streams



Roads



Dams &
Reservoirs



Tidal
Areas

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