

FLOODS DON'T CARE

NextGen Flood Warning System Media Fact Sheet

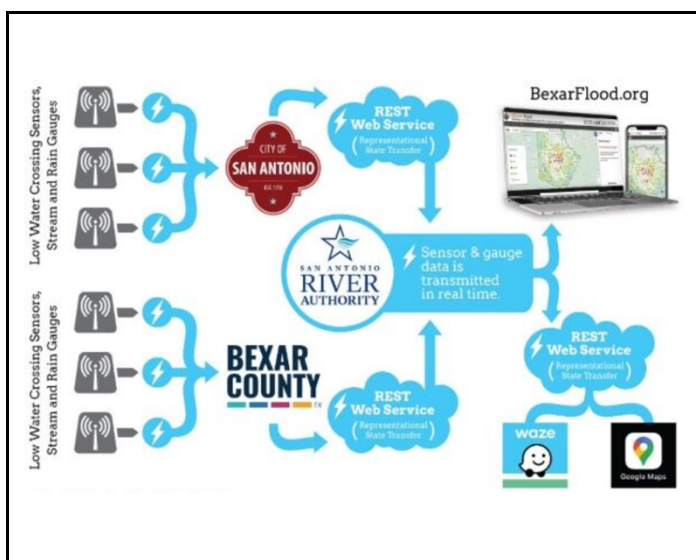
The San Antonio River Authority (River Authority), in partnership with Bexar County and the City of San Antonio, is launching the NextGen Flood Warning System to modernize flood monitoring, improve emergency response, and reduce flood-related deaths, particularly at low-water crossings. A public awareness campaign, Floods Don't Care will communicate resources to the public.

Current Technology Limitations

- Each low-water crossing currently functions as an independent data point.
- Alerts are triggered only after water reaches specific depth thresholds at that exact location.
- This approach provides limited advance warning and does not account for how flooding moves downstream.

NextGen Technology Improvements

- The NextGen Flood Warning System connects approximately 200 locations into a single, integrated network.
- Uses rainfall and upstream water levels to anticipate downstream flooding.



Improved Communication

Roads can be closed before conditions become dangerous, not after.

- Correlating water levels with nearby streets and structures, not just the crossing itself.
- Filling gaps between sensors using engineering and hydrologic models.
- Actionable information for:
 - Emergency managers
 - First responders
 - The public

FLOODS DON'T CARE



BEXARFLOOD.ORG

Flood Alert Resources

- **BexarFlood.org**
 - Real-time monitoring of **190+ low-water crossings** using HALT sensors.
 - Color-coded alerts: green (safe), yellow (approaching), red (closed).
 - Optional text/email alerts by location.
 - Integrated with **Google Maps and Waze** for safer routing.
- **SARiverFlood.org**
 - Regional platform covering multiple counties with a single subscription.
- **National Weather Service**
 - Issues official flash flood watches and warnings.
- **Bexar County OEM**
 - Provides emergency notifications and coordinates public messaging.

Flood Siren System Grant Approval

Current Status

- Bexar County Commissioners have voted to move forward with the agreement with the Texas Water Development Board (TWDB).
- The next steps include:
 - Developing the project plan
 - Identifying recommended siren locations

Siren Location Planning

- Specific siren locations have not yet been identified.
- TWDB has issued a provisional map of flash-flood-prone areas, which is being reviewed to inform potential locations.
- TWDB is currently accepting revision requests to that provisional map.
- Siren placement will be coordinated to complement, not replace, existing alert tools and digital warning systems.