



KNOW WHERE & WHEN A FLOOD IMPACT WILL HIT

A photograph showing a multi-level highway interchange completely inundated with floodwater. In the foreground, a white semi-truck is partially submerged in the murky water. To its right, a person stands on a small orange platform or buoy. Further back, another white truck is visible on an elevated section of the highway. The background features a dense urban skyline with several tall skyscrapers under a hazy, overcast sky. The water appears calm but deep, reflecting the surrounding structures.

- Flood forecasting lags rainfall forecasting in accuracy and timelines.
- Flood forecasts are generally provided as a flood height, which does not convey a flood impact. This means flood warnings are generalized and difficult to interpret at the property level.
- General flood warnings can create warning 'fatigue' and loss of confidence from members of the Public.



FloodMapp ForeCast is a detailed flood map delivered before an event, in a live mapping feed to help you:

- Gain extra lead time with hyper-localized flood inundation extent predictions and real-time updates
- Identify asset and community flood impacts days in advance at property-level resolution.
- Integrate with any spatial system to achieve a common operating picture impact platform for asset, operations, and emergency managers to analyse and interrogate
- Support emergency planning, exercises and training.

- ✓ Have more time to make better decisions during an emergency
- ✓ Generate custom scenario-planning exercises
- ✓ Use impact-based forecasting to prioritise resources and optimise response capability

- ✓ ForeCast model output generated 100,000 times faster than traditional models

- ✓ State-wide scale delivered at property level resolution

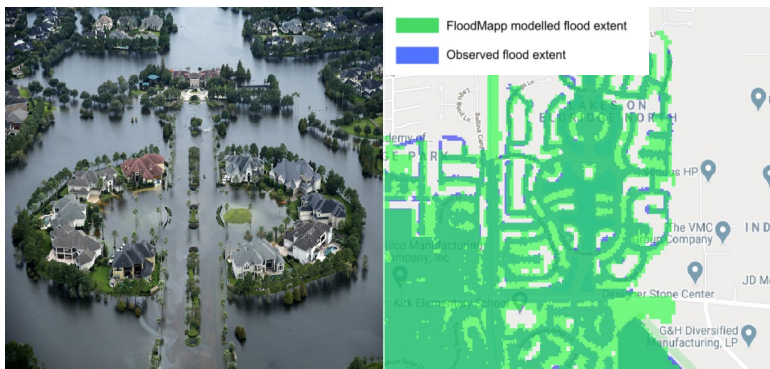
- ✓ Our models are proven at 90-96% accuracy in predicting flooded areas
- ✓ Overlay your own data sets





BOOK A DEMO TODAY
sales@floodmapp.com

Asset-level Flood Impacts



August 2017 Flooding in Lakes on Elridge, Harris County, Texas USA

Specifications

Delivery	WMS / WFS dynamic feeds
Duration	Up to 1 month with hourly timestep
Extent size	Large: catchment-based
Format	TIFF or PNG / GeoJSON or Shapefile
Resolution	As fine as 1-metre grid size
Coverage	Up to 3 flood scenarios; Catchment to State-wide options available

Where FloodMapp Meets Business

- ✓ Flood impact maps up to 7-days ahead of impending time
- ✓ Real-time operational and tactical decision support
- ✓ Shared situational awareness for emergency response
- ✓ 24/7 accessibility and workplace collaboration
- ✓ Fast and accurate exposure estimation with asset layers
- ✓ Esri platform integration for seamless enterprise onboarding
- ✓ Competitive pricing and value-chain optimisation

Case Study

BEAUDESERT FLOODS 2021



Background

In March 2021, a low-pressure system caused high intensity rainfall and resulted in major flooding in the Logan River. This put hundreds of residents, their homes and businesses at risk to potential flooding.

Problem

Queensland Fire and Emergency Services (QFES) had received a major flood warning for river height between 8.30m and 14.76m. This uncertainty meant that QFES was unable to identify at-risk properties to plan their evacuation strategies.

Solution

FloodMapp Forecast was ingested digitally into QFES' ArcGIS system for detailed, street-level flood intelligence – in real-time.

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It also allowed us to print a list of properties and begin door knocking in plenty of time to allow residents to prepare for the possible flood

SENIOR SERGEANT MIKE HOUSE
Queensland Police Service

GET THE CASE STUDY

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