JBA Flood and Surge

JBA provides probabilistic flood modeling for storm surge, river, and surface water globally, enabling the insurance and non-insurance sectors to better understand and manage their flood exposure.

Coverage area & data available
• Global
• Hazard data for significant events starting in 2017

Update frequency
The data is created for events of interest and is available two to three days after the event occurs.

Enhanced columns
We enhance your data with one to three columns based on user selections that you can view and filter by:

• Fluvial Defended Flood (JBA) [Date/Time]
• Fluvial Undefended Flood (JBA) [Date/Time]
• Inland Flood (JBA)[Date/Time]
• Pluvial Flood (JBA)[Date/Time]
• Surge Flood (JBA)[Date/Time]
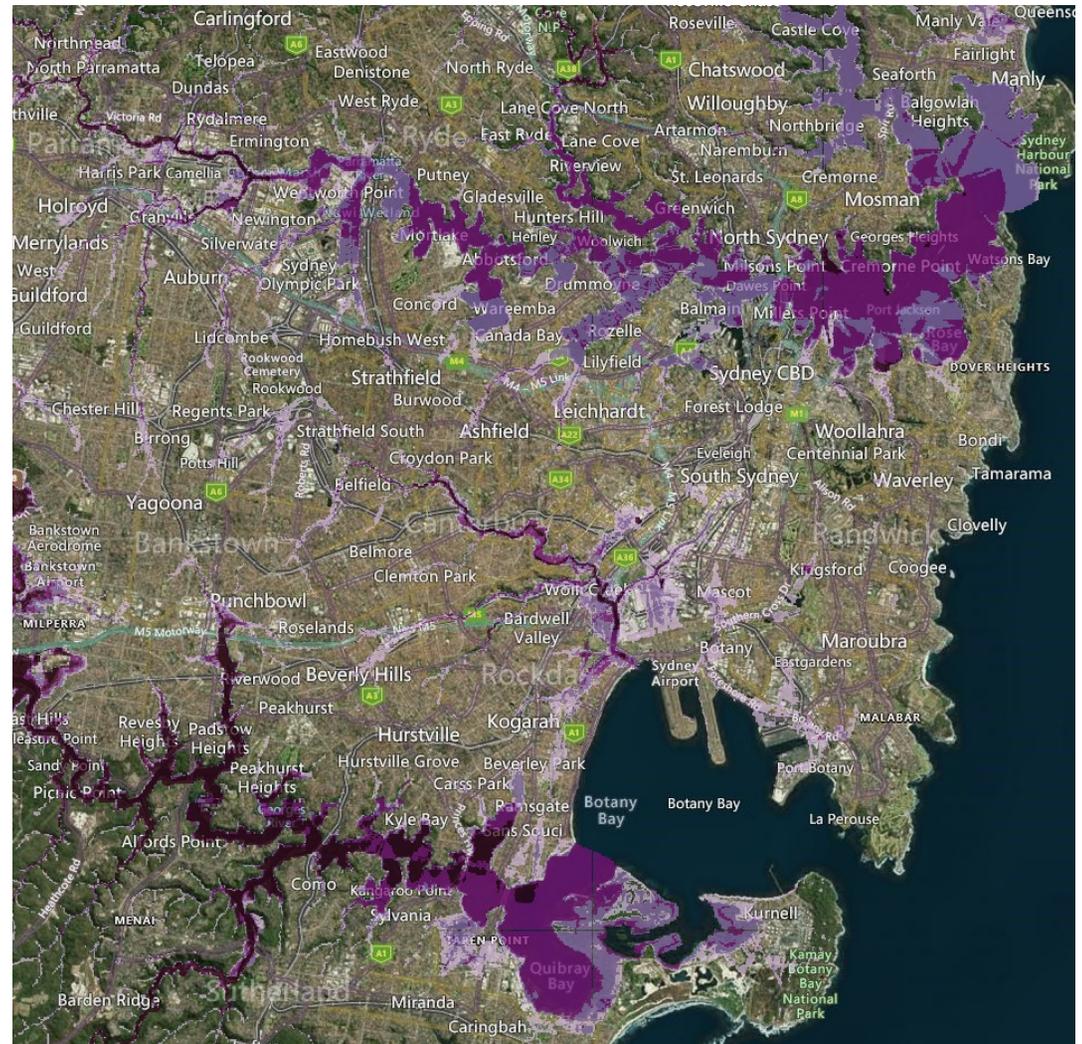
What the data means
The various types of flood data use observed data to provide bands from <1 meter to 3+ meters for significant events.

Exported Columns
The models you enhanced your data with will be available in exported CSV files as:

• JBA [Peril Name/ID] [Date]

When you download your enhanced data, look for the columns that start with the "Provider Name", then the "Peril Name/ID", and ending with the date. For example, "JBA VALUE jbaau03022022-04".

Learn more about JBA Risk Management at
https://www.jbarisk.com/flood-services/catastrophe-models/flood-models/