VAST Challenge Video Script

The main panel contains a streamgraph of the number of posts categorized by events and resources. A sliding window with customizable size and position is used for specific selection.

Four other panels are updated dynamically according to main panel.

This panel is a WordStream, demonstrating topic evolution. These words are keywords extracted from the message and corresponding locations of message.

This panel is a map of St. Himark, in which the color of each neighborhood indicates the number of posts in that area. User can use this map for highlighting corresponding terms in the WordStream and vice versa.

The network demonstrates the connection between users, through the account that are mentioned in content of messages. Via this network, we can spot which one is the account that has important role in the community.

This panel is an account list for ranking content creators. This chart shows the accounts that write the largest number of posts for the chosen time frame and the chosen categories.

From the main panel with “earthquake” selection, we can spot there are 3 times that the earthquake hit St. Himark. We marked these points to indicate the time period that the earthquake might hit.

For the first strike, the first message that mentions the earthquake is at about 2:33 PM on April 6, at Old Town, they just recorded an earthquake.

For the second strike, the first message that mentions the earthquake is at about 8:36 AM on April 8, at Down Town, that an earthquake just occurred off the North East shore of the town of St. Himark.

For the third strike, the first message that mentions the earthquake is at about 3:05 PM on April 9, at Cheddaford, that the ground started quivering.

From these messages we can get to see when and where the earthquake started.

In terms of resources, there are a lot of concerns around the second strike.

(Water)

(Transportation)