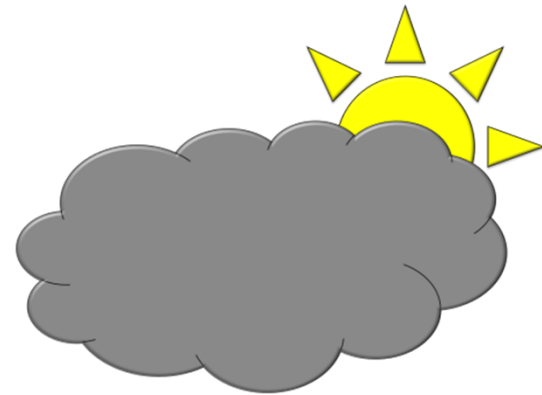




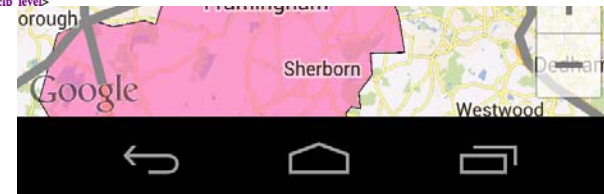
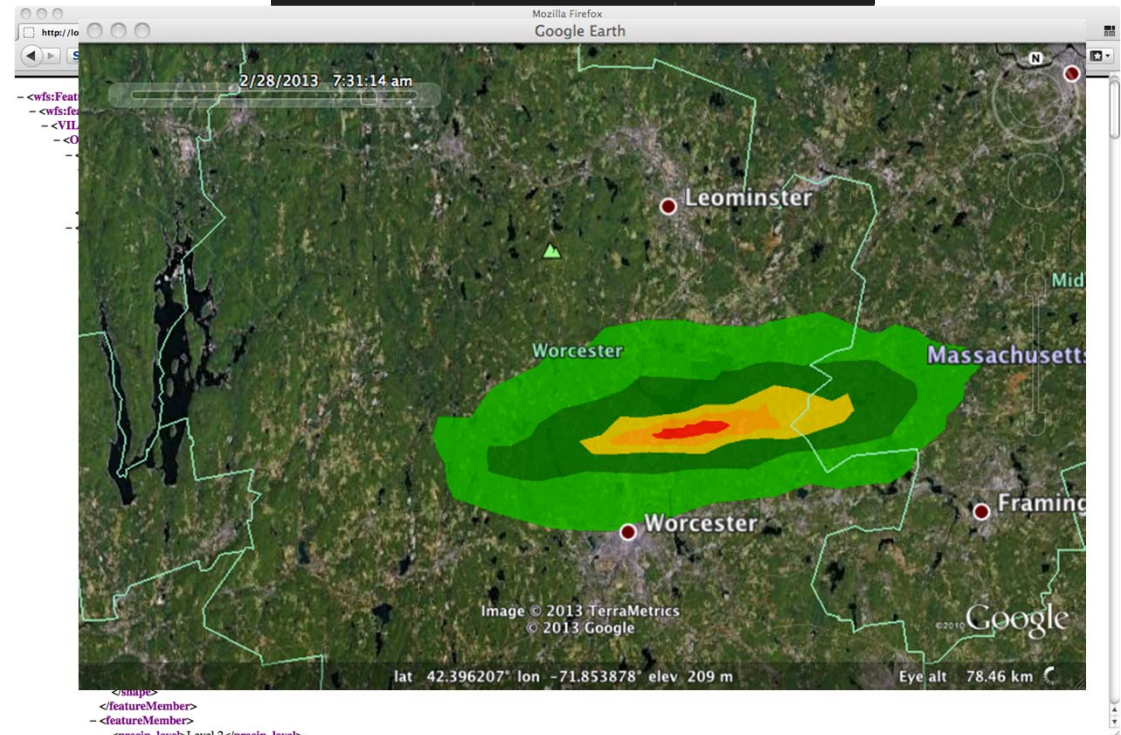
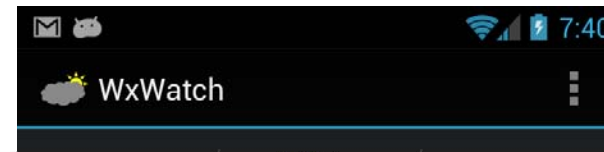
The Problem

- Weather events cause hazardous travel
 - 1,511,200 vehicle crashes annual
 - 629,300 persons injured annual
 - 7,130 deaths annual
- User context to find weather
 - What weather will impact a users event
 - Query on current and future location and time
 - Difference from:
 - Rain this afternoon
 - Rain along your route to dinner from 5 – 6 PM



Done So Far

- Layout for app
- Location data
- GoogleMap display
- Started simulation weather server
 - Read example data
 - Simulate weather movement
 - Geotools spatial filter
 - KML example output





Left to Finish

- Complete simulation weather server
- Setup simulation data for evaluation
- Remaining interface additions for app
- Add query rules for app
- Perform evaluation
 - Test group uses app over several days
 - Test group fills out survey on their opinions and if travel decisions would be changed
- Compile results in report