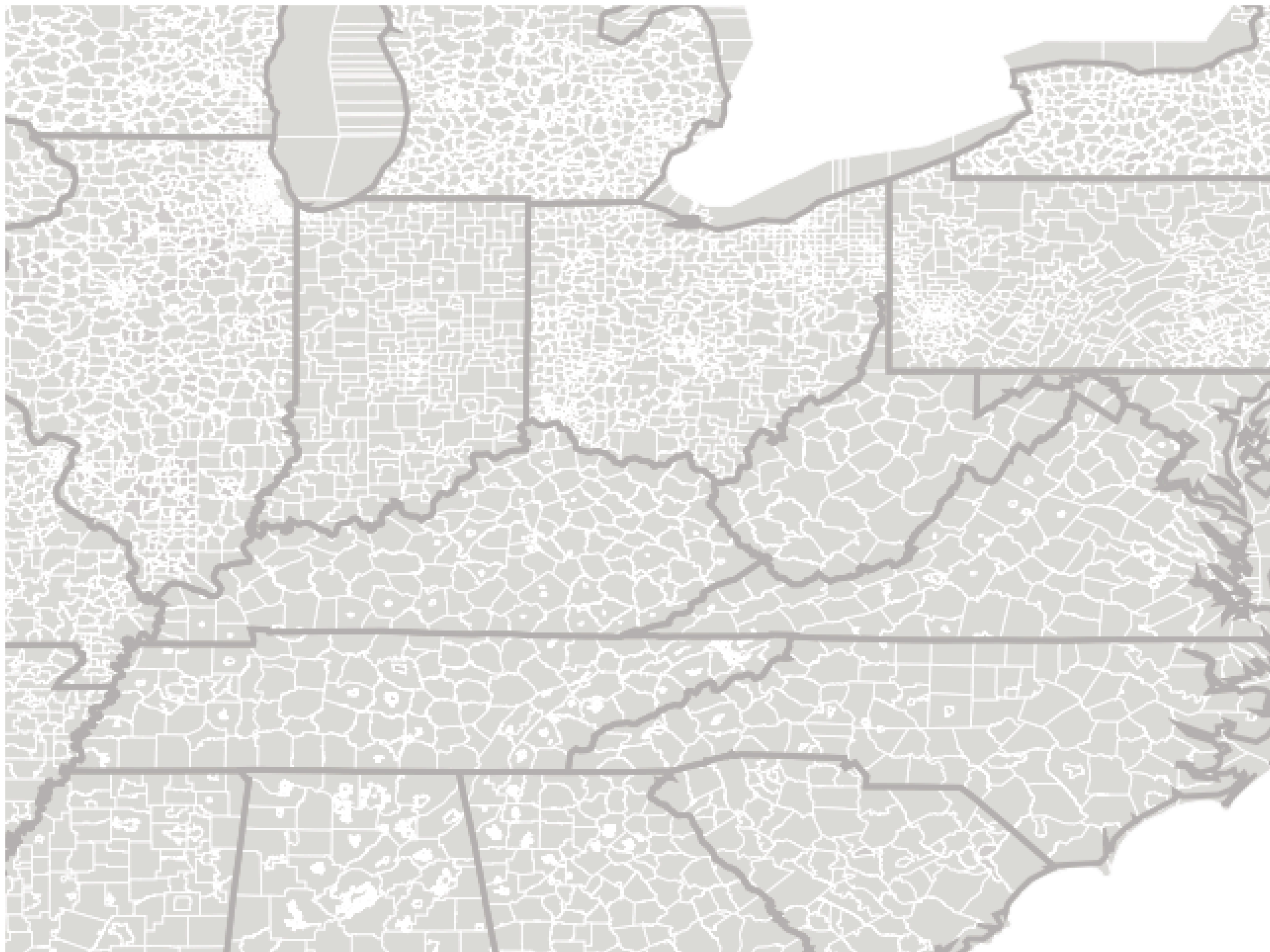


TIGER/Line Data in the Cloud

Making Open Data Useful

125 gigabytes of

Roads, counties, school districts, census
blocks, congressional districts



12+ hours to download, unzip, upload
into Amazon's Cloud

- Boot up a mapping server in **a minute**
- Connect the TIGER data in **two minutes**

14,000+ Districts + TIGER/line

Federal Education Budget Program

Per-pupil expenditure 2006	\$14,954	\$13,462	-10%
Per Pupil Expenditure State Rank 2006	N/A of N/A	242nd of 574	
Federal Revenue Per Pupil 2006	\$718	\$253	-65%
School Nutrition Funding 2007	N/A	N/A	
Title I Stimulus Funding	N/A	\$0	
IDEA Stimulus Funding	N/A	\$313,000	

Demographics	State Average	This District	% Difference
Student Poverty Rate 2007	10.00%	1.70%	-83%
Free and Reduced Price Lunch Enrollment 2007	27.28%	1.59%	-94%
Special Education 2007	N/A	N/A	
English Language Learner 2007	N/A	N/A	
White Students 2007	55.71%	91.35%	+64%
African American Students 2007	17.45%	1.37%	-92%
Hispanic Students 2007	18.82%	3.39%	-82%
Asian Students 2007	7.86%	3.82%	-51%
American Indian Students 2007	0.17%	0.07%	-58%

District Type **Suburban**

[Comparisons >](#)

Funding

\$13,462

Per Pupil Expenditure 2006

Demographics

2%

Student Poverty Rate 2007

Achievement

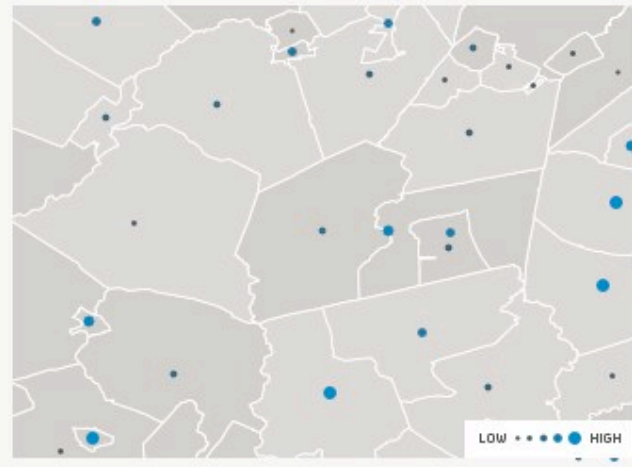
94%

4th Grade Reading 2004-05
NCLB

Achievement

94%

4th Grade Math 2004-05 NCLB



Launch Instance Wizard

Cancel X



Choose an Amazon Machine Image (AMI) from one of the tabbed lists below by clicking its **Select** button.

Quick Start My AMIs **Community AMIs**

Viewing: All Images All Platforms map 1 to 10 of 10 AMIs			
AMI ID	Manifest	Platform	
ami-01789d68	thamtech-ami-images/gimapsync/image.manifest.xml	Other Linux	Select
ami-18ca2e71	nubic-images/mapreduce_32bit.manifest.xml	Other Linux	Select
ami-4d769124	mapsfromscratch-v2/mapsfromscratch-v2.manifest.xml	Other Linux	Select
ami-50826439	mapkit/image.manifest.xml	Other Linux	Select
ami-6f18fe06	mapkit64/image.manifest.xml	Other Linux	Select
ami-73e90f1a	mapsfromscratch-v3/image.manifest.xml	Other Linux	Select
ami-7611f41f	internetmapserver/imsbeta-20080307.manifest.xml	Other Linux	Select
ami-c1e80ea8	mapkit/image.manifest.xml	Other Linux	Select
ami-df22c5b6	mapsfromscratch-v1/image.manifest.xml	Other Linux	Select
ami-f7e80e9e	mapkit/image.manifest.xml	Other Linux	Select

Part of a complete open-source mapping stack

Without restrictive licenses, distributing and reusing map information is a completely different experience.



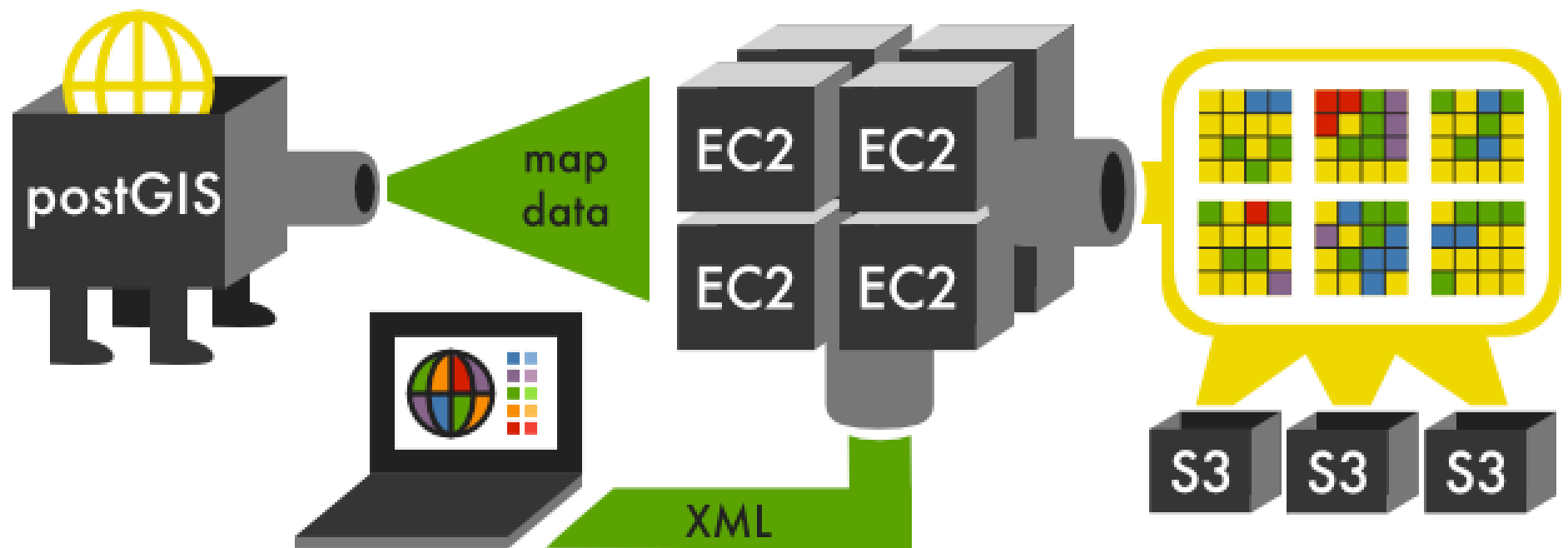
Cloud computing means scalability, the
maturity of open-source mapping
software means grassroots involvement

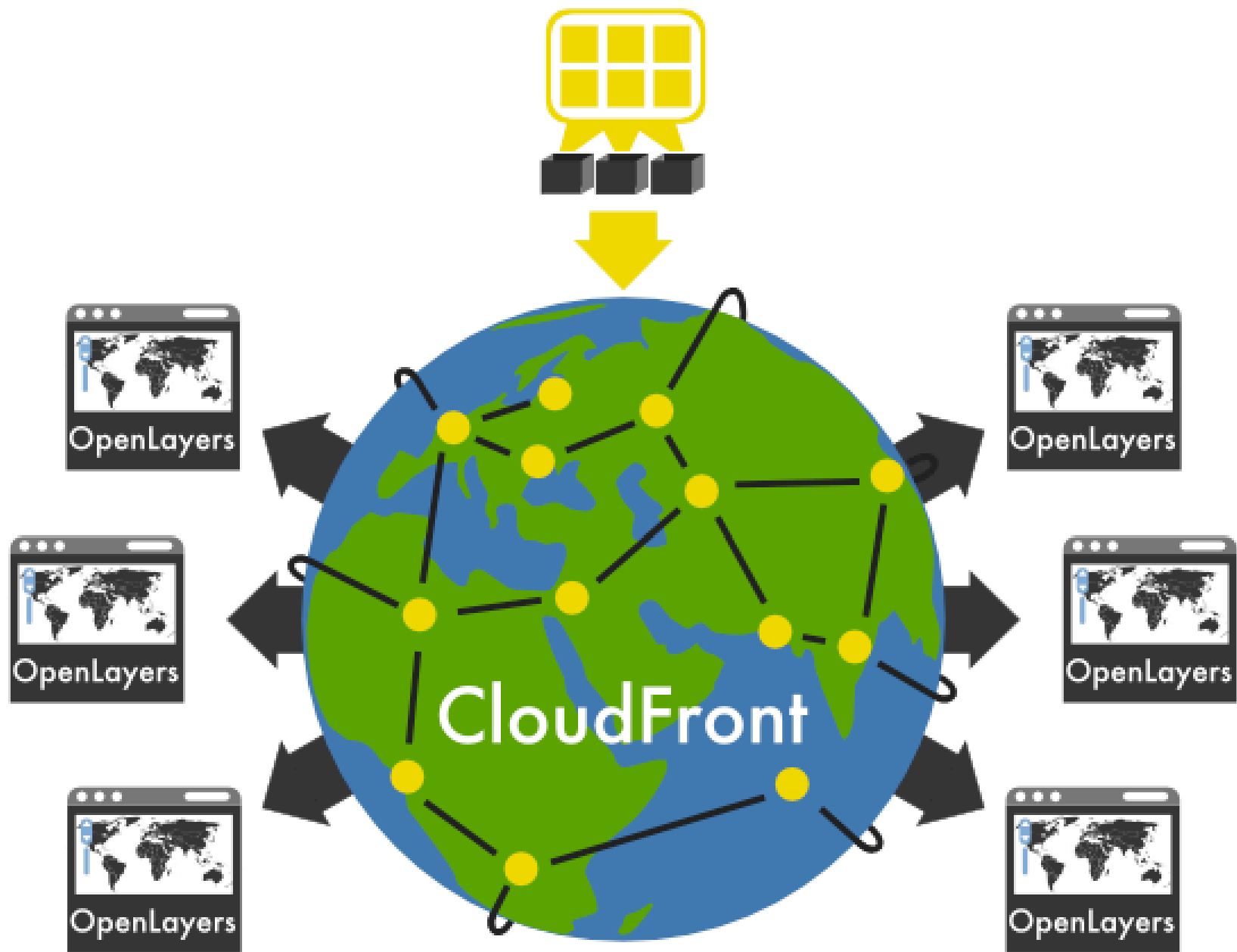
qGIS, OpenLayers,
Google Earth,
Consumer GPS

Mapnik,
TileCache,
MapServer,
OpenGeo,
PostGIS


<http://www.flickr.com/photos/pasma/>








dc BIKES
your guide to biking in DC






Capitol Hill
Get a bike on Craigslist, find detailed bike routes in DC.

Recent thefts

- 14th ST NW & T ST NW
22:00am Sunday, Nov 9
Show Route ROUTES THEFT
- 3700 block of Woodley RD NW
22:00am Saturday, Nov 8
Glover Park ROUTES THEFT
- 600 block of Park RD NW
22:00am Saturday, Nov 8
Columbia Heights/NoMa ROUTES THEFT
- 1700 block of Rhode Island Ave NW
22:00am Friday, Nov 7
Dupont ROUTES THEFT
- 1300 block of Connecticut Ave NW
22:00am Friday, Nov 7
Dupont ROUTES THEFT
- 3200 block of M St NW
22:00am Friday, Nov 7
Georgetown ROUTES THEFT







 Daytime
  Evening
  Night

Night






DC NIGHTLIFE ON twitter

-  Beef Yaksobs . . . the best dish to eat to cure a hang over (minus the taco stand on U and 16th). I'm good to go world!
6:14pm Nov, 12
-  At the airport, waiting for flight home. Eating dessert empanadas we picked up at Julia's in Adams-Morgan.
2:30pm Nov, 12
-  At the airport, waiting for flight home. Eating dessert empanadas we picked up at Julia's in Adams-Morgan.
2:30pm Nov, 12
-  @shreeves I like Busboys and Poets in DC...not all organic, but very veg friendly.
11:59am Nov, 12
-  Went to a sketchy restaurant in Adams Morgan and had tamarindo.










Farragut Map data © 2012 Google, Imagery © 2012 Google

Emergencies




-  Police Honor Guard
-  Fire Engine 1 Station
-  Hospital George Washington University Hospital

Recently Reported Crimes

-  2 Homicides
-  1 Sexual Abuse
-  13 Robberies
-  8 Assaults
-  40 Burglaries
-  17 Stolen Autos
-  42 Thefts from Autos

in the past 30 days

Recreation

-  Park Meridian Hill Park
-  Swimming Gold's Gym Indoor Pool
-  Trail The C&O Canal

1. **Capitol Hill Cemetery**
Q St NW
2. **Oak Hill Cemetery**
R St NW
3. **Dumbarton Oaks**
R St NW
4. **Tudor Place**
Q St NW

[browse tours](#)

[create a tour](#)



oldest building standing in the District.

[Access To Exit](#)

[Comment](#)



<http://www.flickr.com/photos/wili/>

OpenStreetMap is creating a worldwide
road map

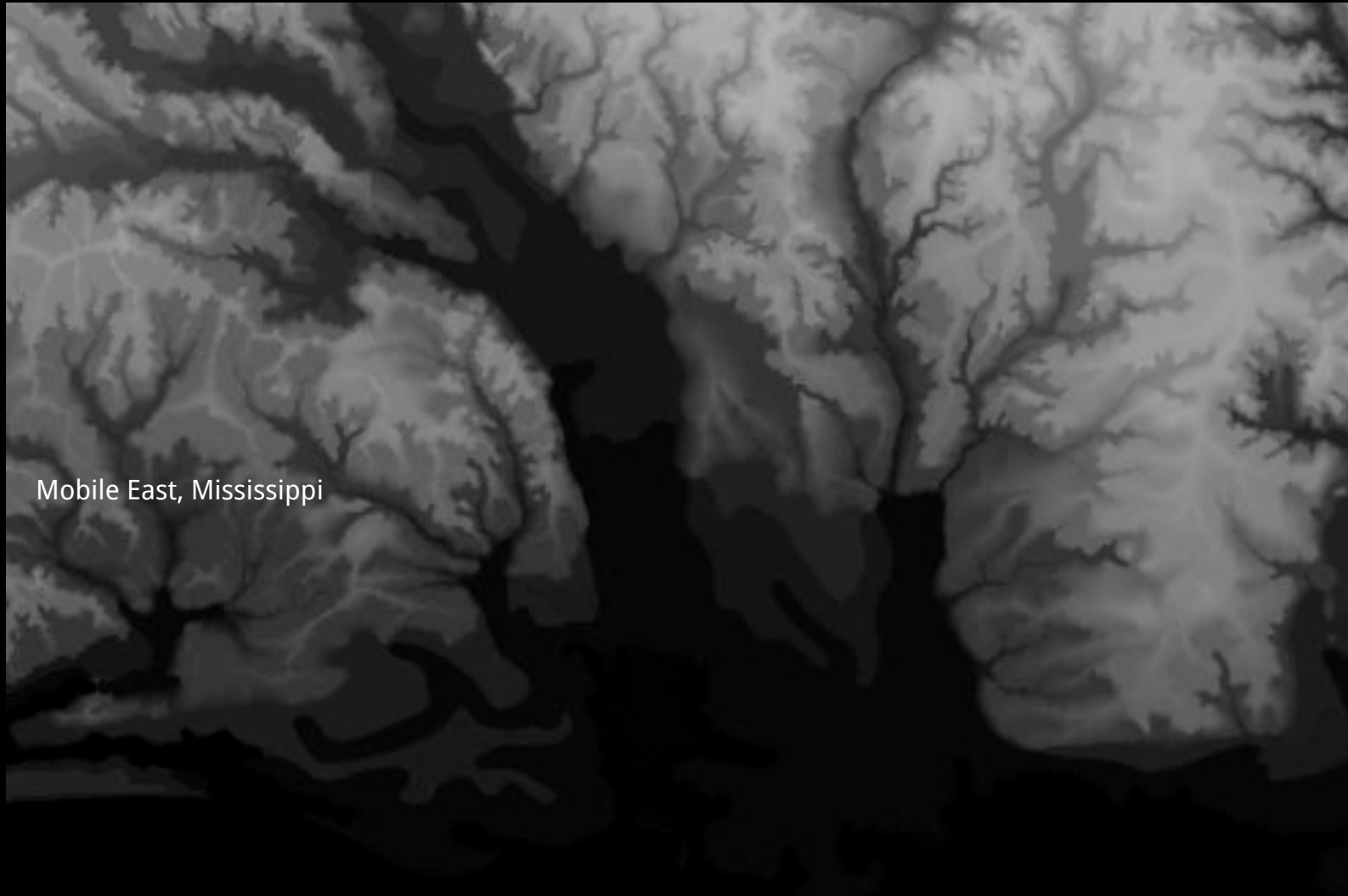
141,000 new miles of African roads



150gb “Planet.osm”,
125gb TIGER/line
Via FTP & DVDs

USGS digital elevation data for flooding
concerns

Population data, land cover data for
health and famine crises



Mobile East, Mississippi