The RED Project - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://pactlab-dev.spcomm.uiuc.edu/red/

Google

THE RED PROJECT

(rendering electromagnetic distributions)

The RED Project will predict the distribution of Wi-Fi access points in a neighborhood of your choice.

To begin, type a US address: Predict

Examples: 702 S. Wright St. Urbana, IL
5th Ave. and W. 34th St. New York, NY
Mountain View, CA

Not sure where to start? Take the tour.

The RED Project will be published in the "Difference" issue of *Vectors* (3:1)
To use it, Flash Player 8+ and a broadband Internet connection are required.

Map . Explain . Tour . FAQ . Discuss . Credits . Contact

Done

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http://pactlab-dev.spcomm.uiuc.edu/red/map.php

Google

THE RED PROJECT

(rendering electromagnetic distributions)

Location: Crenshaw Blvd. and Coliseum St., Los Angeles, CA | View Location | Hide Wireless | Hide Map

0 3 6 9 12 +

Wi-Fi networks per city block
(predicted)

Transferring data from us.maps3.yimg.com...

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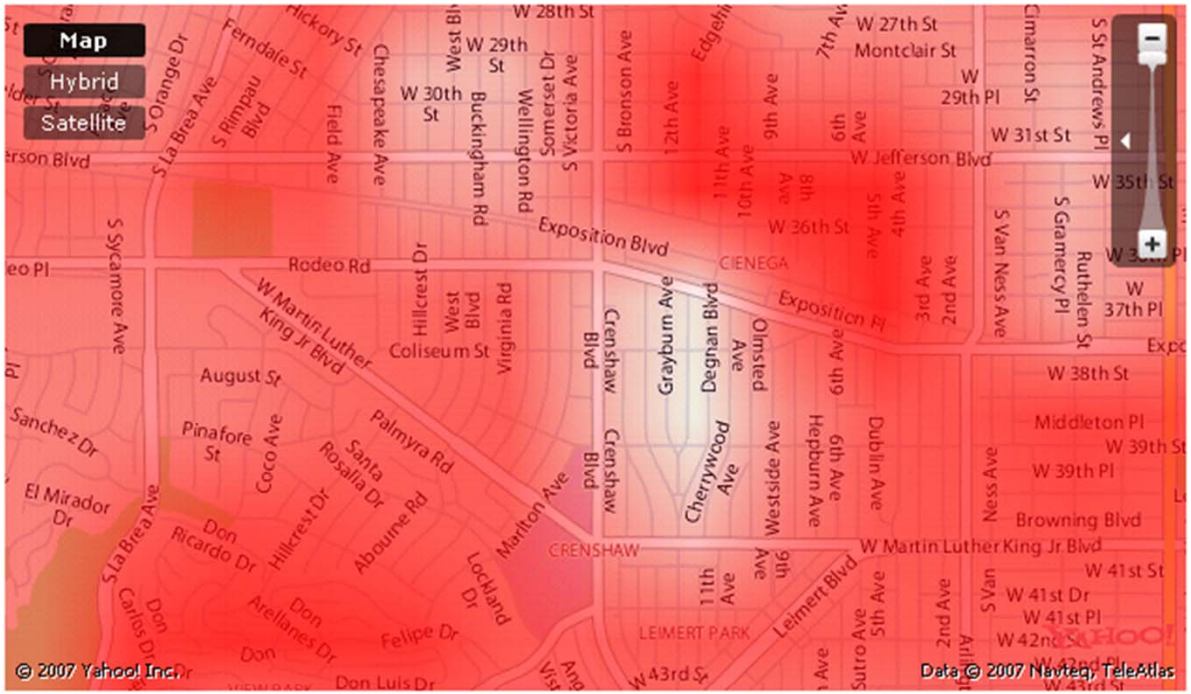

Location: Crenshaw Blvd. and Coliseum St., Los Angeles, CA View Location

Hide Wireless

Hide Map

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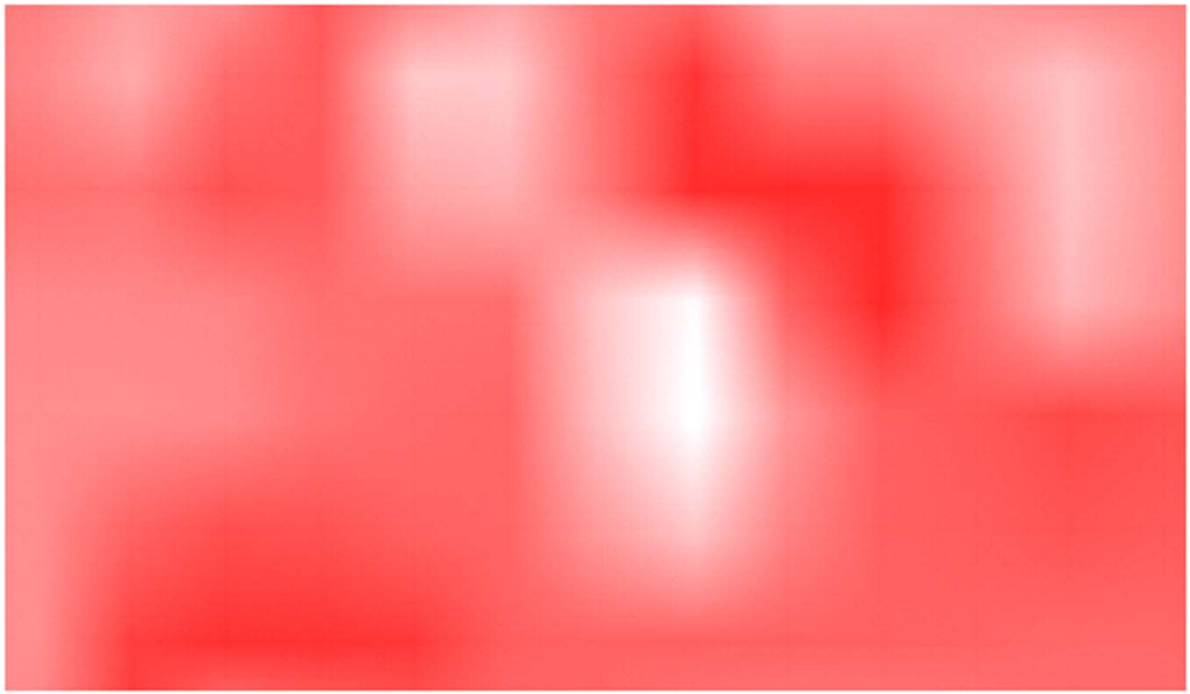

Location: Crenshaw Blvd. and Coliseum St., Los Angeles, CA | View Location | Hide Wireless | Show Map

0 3 6 9 12 +

Wi-Fi networks per city block
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Transferring data from us.maps1.yimg.com...

THE RED PROJECT
(rendering electromagnetic distributions)

Tour

We suggest using The RED Project map to examine places that you know. In this tour, we will describe some of the places that we visited for this research project, and our reactions to the predictions of wireless communication there.

From this page, you can visit the electromagnetic spectrum of five neighborhoods in the United States. We suggest you first **read our interpretation**, then **click the "Predict Wireless" button** next to each picture.

On this page: Lake View, Chicago, Devon Avenue, Chicago, West Humboldt Park, Chicago, The Town of Sidney, Illinois, and South Central Los Angeles.

Lake View, Chicago

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http://pactlab-dev.spcomm.uiuc.edu/red/tour.html

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The Town of Sidney, Illinois

Predict Wireless

The town of Sidney, Illinois contains about 1,000 people, but because US Census Tracts are much larger than that, Sidney's contribution to the Wi-Fi use in the area is difficult to ascertain. Although a prediction can be made, the map is all one color, showing no local variation. Residents of Sidney and the surrounding area were 98% white in the 2000 Census. The per capita income was $20,085. 49% of residents had a high school diploma, and the median age was 38. This census tract reported 3% unemployment. About one-third of the US population lives in rural areas, although many accounts of technology and communication don't pay these people much attention. The difficulty in using Census tracts to understand small towns is just one illustration of this lacuna. Despite the problems with measuring and describing rural places, the uniform

Done