

<http://www.nytimes.com/pages/science/index.html>

New York Times May 9, 2010

With Flyovers, a Solar Map of New York Produced Using Lasers

<http://www.nytimes.com/2010/05/10/science/earth/10mapping.html?ref=science>

Photographs – (Note: No mention is made of health effects on those subjected to these laser beams.)

<http://www.nytimes.com/slideshow/2010/05/10/science/earth/20100510mapping.html>

Image #1 A series of mapping missions are expected to yield the most detailed three-dimensional picture of New York City to date, with an emphasis on data relevant to the city's emergency response system and its environmental goals. Grant Bunting, an aerial sensor technician/surveyor, set up a GPS receiver at Westchester County Airport in White Plains before a recent flight.

Credit: Fred R. Conrad/The New York Times

<http://www.nytimes.com/slideshow/2010/05/10/science/earth/20100510mapping-2.html>

Image #2 The crew, from the mapping firm Sanborn, flies a twin-engine Shrike Commander equipped with a laser system to collect information. Mr. Bunting cleaning the optical glass under the airplane through which the mapping laser is projected.

Credit: Fred R. Conrad/The New York Times

<http://www.nytimes.com/slideshow/2010/05/10/science/earth/20100510mapping-6.html>

Image #6: The aircraft scanned the urban canyons of the city at about 3,500 feet in nine six-hour, post-midnight flights from April 14 to April 30. Credit: Fred R. Conrad/The New York Times

<http://www.nytimes.com/slideshow/2010/05/10/science/earth/20100510mapping-8.html>

Image #8: The laser system captures images of surface terrain and structures by shooting out laser pulses from an aircraft and measuring the time it take the pulses to bounce back, producing representations of what it hits. At left, the Empire State Building.

Credit: Fred R. Conrad/The New York Times

