

Visualizing Urban Layers- the invisible, the hidden, the hard to grasp

Date: 1865

Cartographer: Egbert L. Vold
 Published: Ford, Meyer & Co. Lithographers
 Publish location: New York

The Vold Map shows the original water locations in Manhattan; streams, wetlands, marsh. The sewer locations are also indicated on the map. Some of the streams on this map still run under Manhattan today. The Vold map is useful for better understanding the original ecology of Manhattan. Understanding the ecology of Manhattan will be useful in mitigating sea level rise & sustainability efforts.

Website:

https://www.davidrumsey.com/iana/server/detail.RUMSEY-06-1-2220-1865-Volmap-46-Topographical&SanitaryoftheCityofNewYork-Pub_List_No_InitialSurveys-9-16-1865-1865-Pub_List_No_InitialSurveys-8-1-Jan-04.htm



Shading the City
 Courtney, Spring
 Dec. 2011

Infrared New York Map

Columbia University combined surface temperature & vegetation abundance information derived from Landsat TM data acquired 2 October, 1999.

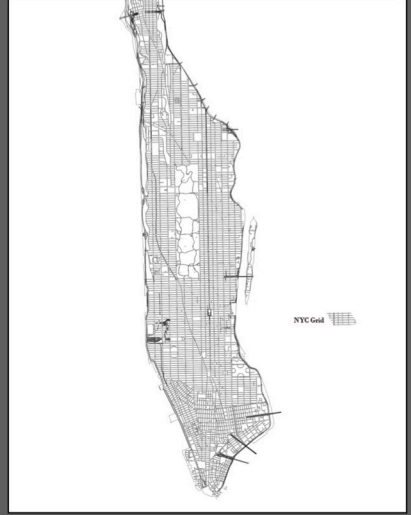
Heat Mapping is used on a larger scale here, but this is an example of how heat mapping could be used in NYC as a way of passing information about how people move & interact. Heat mapping technology is being used today in retail stores as a way of understanding how people move throughout a store & what displays are receiving the most attention. This information is useful to the store owners so they can better understand how to meet certain aims or improve the arrangement of their store for optimal selling capabilities.

I think heat mapping technology could be useful to city planners, by mapping public space & city streets. Heat mapping could allow designers to understand what aspects of parks & public space are being used the most, so they can design better parks & public space in the future. It might also be helpful for gaining information on how people navigate, whether they create informal paths or what streets, bike lanes, & sidewalks are being used the most at different times of the day.

Website:

<http://www.ldeo.columbia.edu/~masli/NYCIRMap.html>

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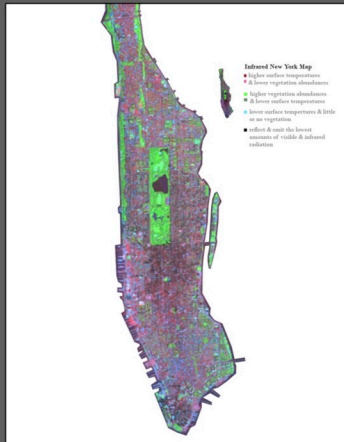
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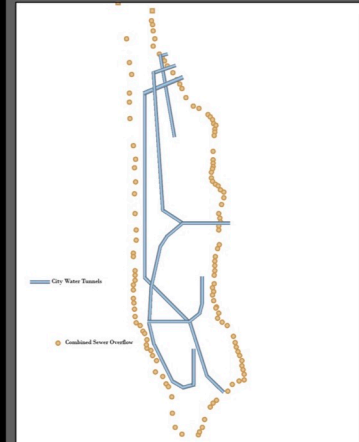
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