

GEOSPATIAL FUTURES GEOSPATIAL PASTS

AN ATLAS OF FIRST ATTEMPTS AT
MAPPING A DISPARATE REALITY

PROF DARE ANNE BRAWLEY

MATTHEW BRUBAKER GSAPP SPRING 2001

FOREWORD

THE MINI ATLAS WHICH FOLLOWS DOCUMENTS THE FIRST ATTEMPTS AT GIS BASED MAPPING I HAVE VENTURED INTO. IN THE PAST I’VE BEEN VERY COMFORTABLE TO CALL MANY FORMS OF REPRESENTATION MAPPING AND I WILL CONTINUE TO DO SO INTO THE FUTURE. THE GAINED STRATEGY OF DATA USE AND MANIPULATION DOES HOWEVER PROVIDE A NEW CHANNEL FOR THE CREATION OF REPRESENTATION AND OFFERS SOME LEVEL OF LEGITIMACY AND DIRECT COUNTER CARTOGRAPHIC INTENT WHICH WILL NOT ONLY ENCOURAGE A NEW SET OF PROJECTS BUT INFORM A NEW RESEARCH PROCESS FOR ALL PROJECTS.

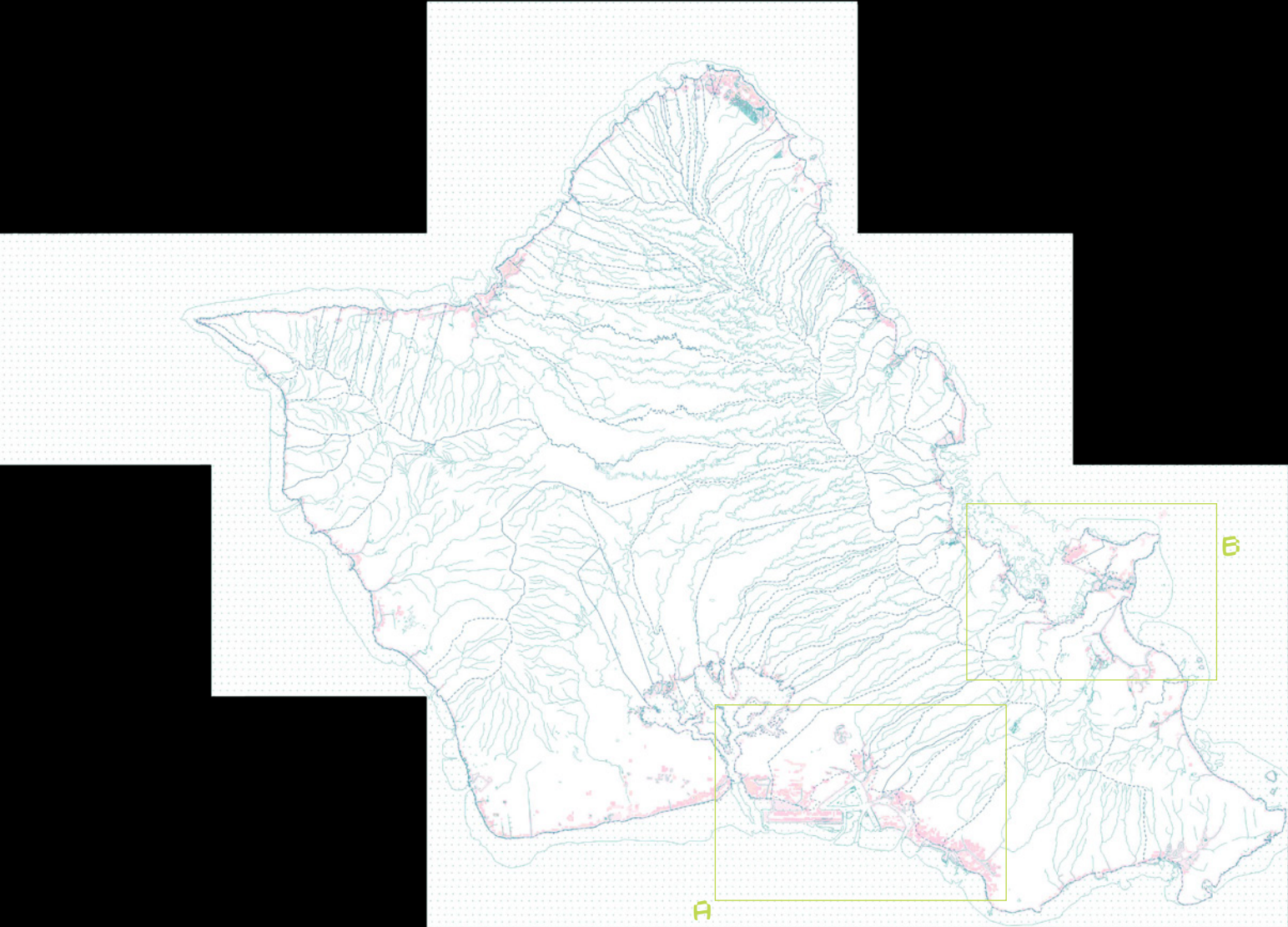
MANY THANKS TO PROF. DARE BRAWLEY AND PROF. LAURA KURGAN FOR THEIR HARD WORK AND PASSION WHICH MADE THIS LEARNING POSSIBLE. I LOOK FORWARD TO INCORPORATING THE LESSONS THESE QUICK EXPERIMENTS TAUGHT ME INTO MY PRACTICE.

COMPLETED FOR CONFLICT URBANISM, SS2021, IN LINE WITH THE AMERICAN / URBAN HISTORY & THEORY REQUIREMENT FOR THE COMPLETION OF M.Arch DEGREE. MATTHEW A BRUBAKER, GSAPP.

ATLAS INDEX

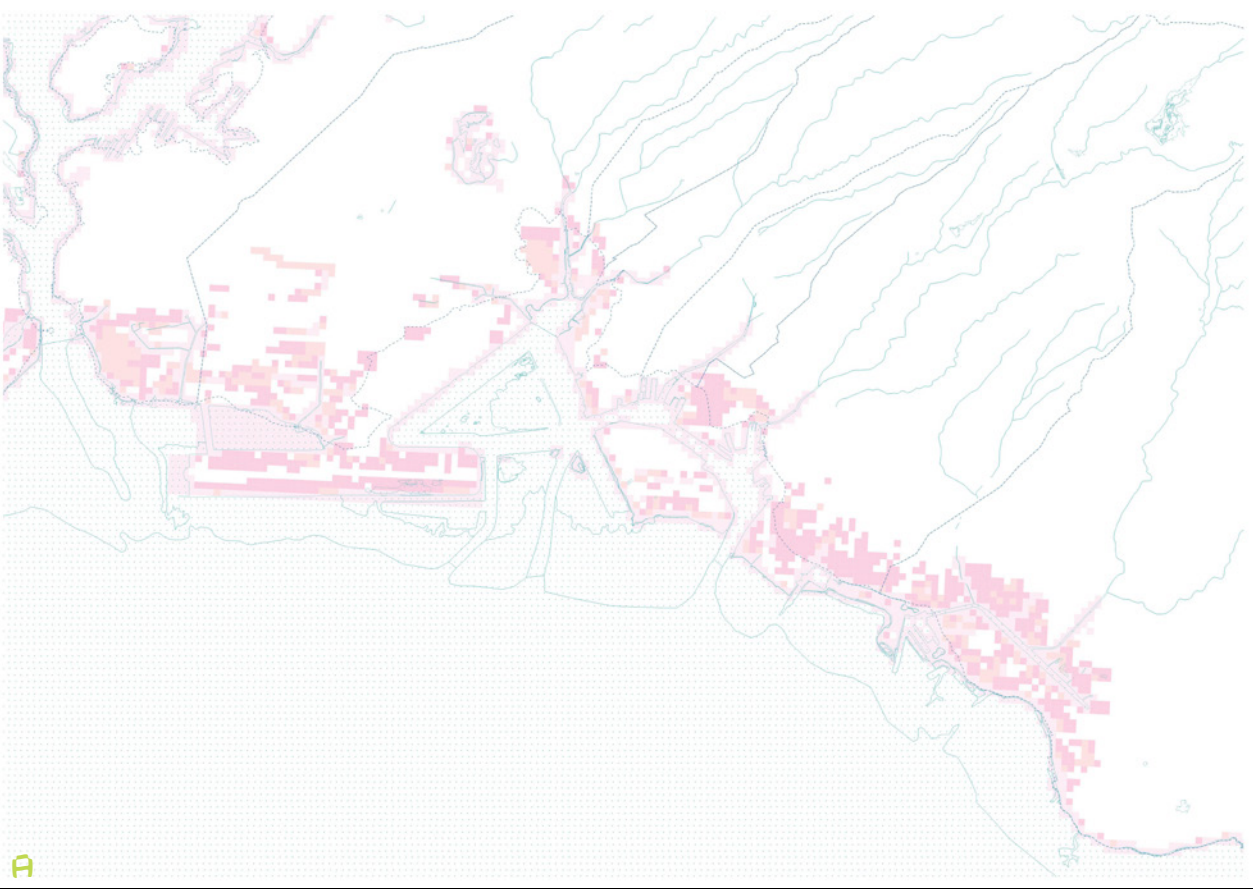
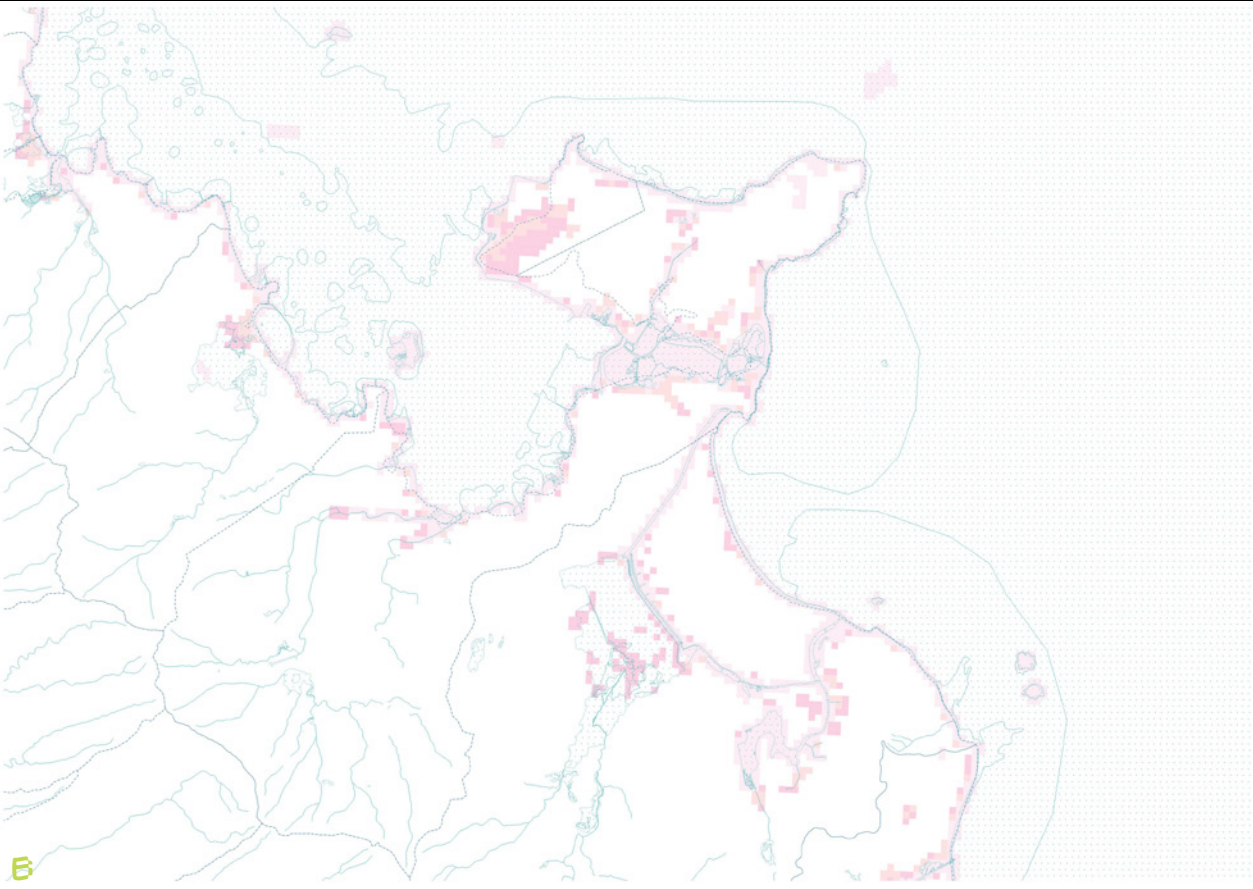
A1	DEVELOPMENT BEGETS DAMAGE	PG004
A2	GATED COMMUNITY	PG006
A3	BUILDING STOCK CHANGE	PG012
A4	STORM EVENT IN PR	PG014

Development Begets Damage
Economic Loss Projections From Future Flooding
Oahu, HI



State of Hawaii, Office of Planning WGS84 EPSG:3857

Kaneohe & Mokapu, HI State of Hawaii, Office of Planning WGS84 EPSG:3857



Honolulu & Waikiki, HI State of Hawaii, Office of Planning WGS84 EPSG:3857





Gated Community
Columbia University Morningside Heights Campus Analysis

Google Earth Imagery
Taken 05/24/2019 - Accessed 03/06/2021

Key

24pt

GATE

21pt

GARAGE

14pt

DOORS

12pt

DOOR

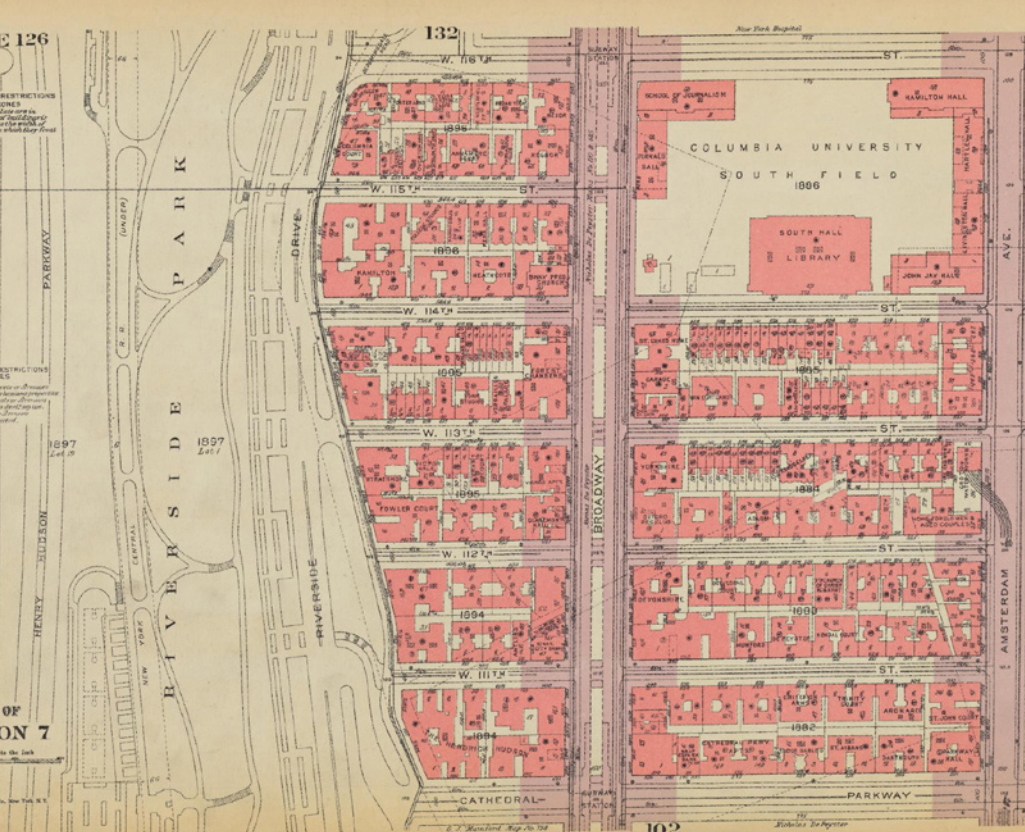
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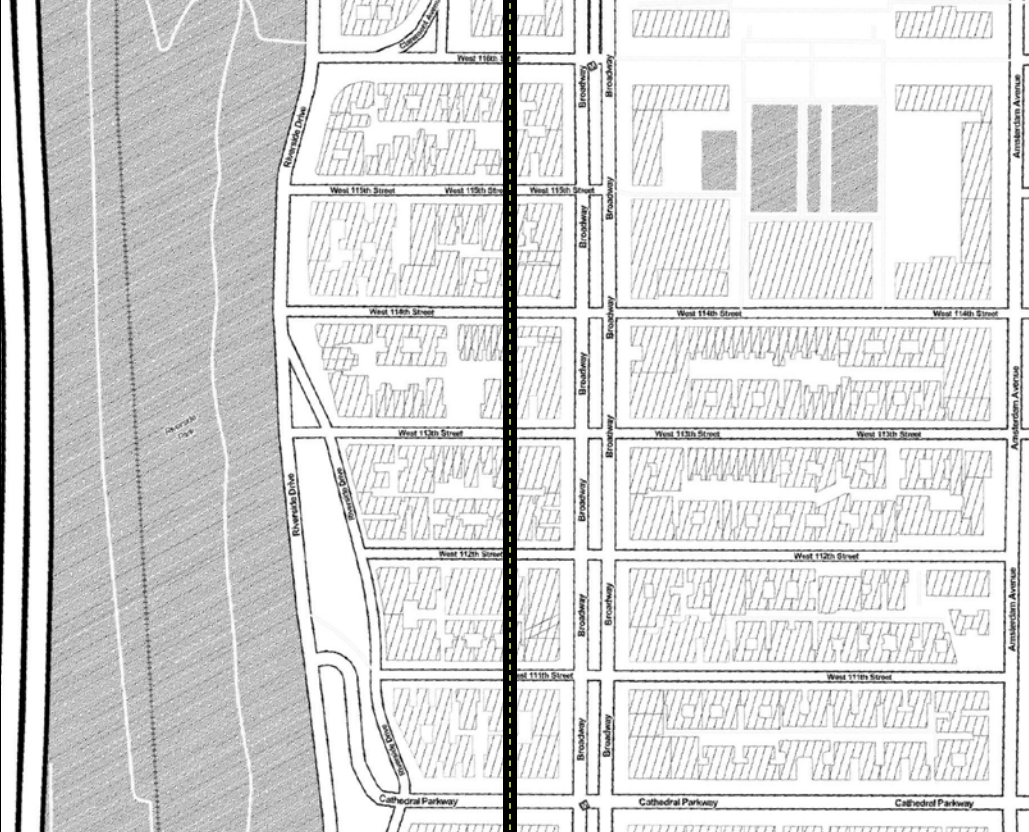
Wall / Impermeable Barrier at Street

Building Stock Change

PL126 S7 [1955]



PL126 S7 [2021]



PL126 S7 Building Stock Modifications [1955-2020]



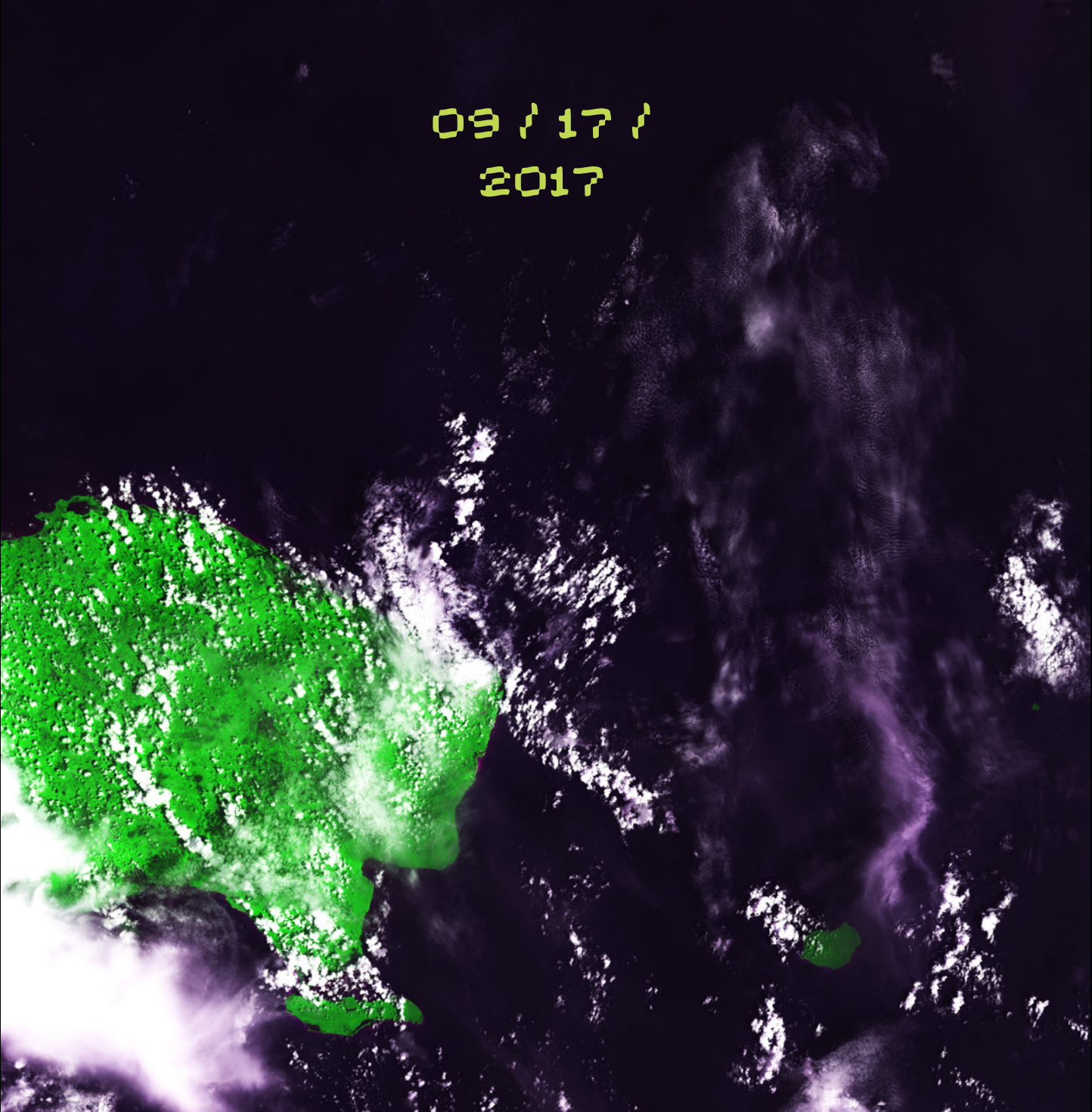
1955 Buildings Since Demolished

NAD83 EPSG:2263
Lionel Pincus and Princess Firyal Map Division,
The New York Public Library.
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New York, New York, 1955"
New York Public Library Digital Collections.

Stamen Toner 2021

Storm Event in Puerto Rico
Hurricane Maria September 2017
Before Storm

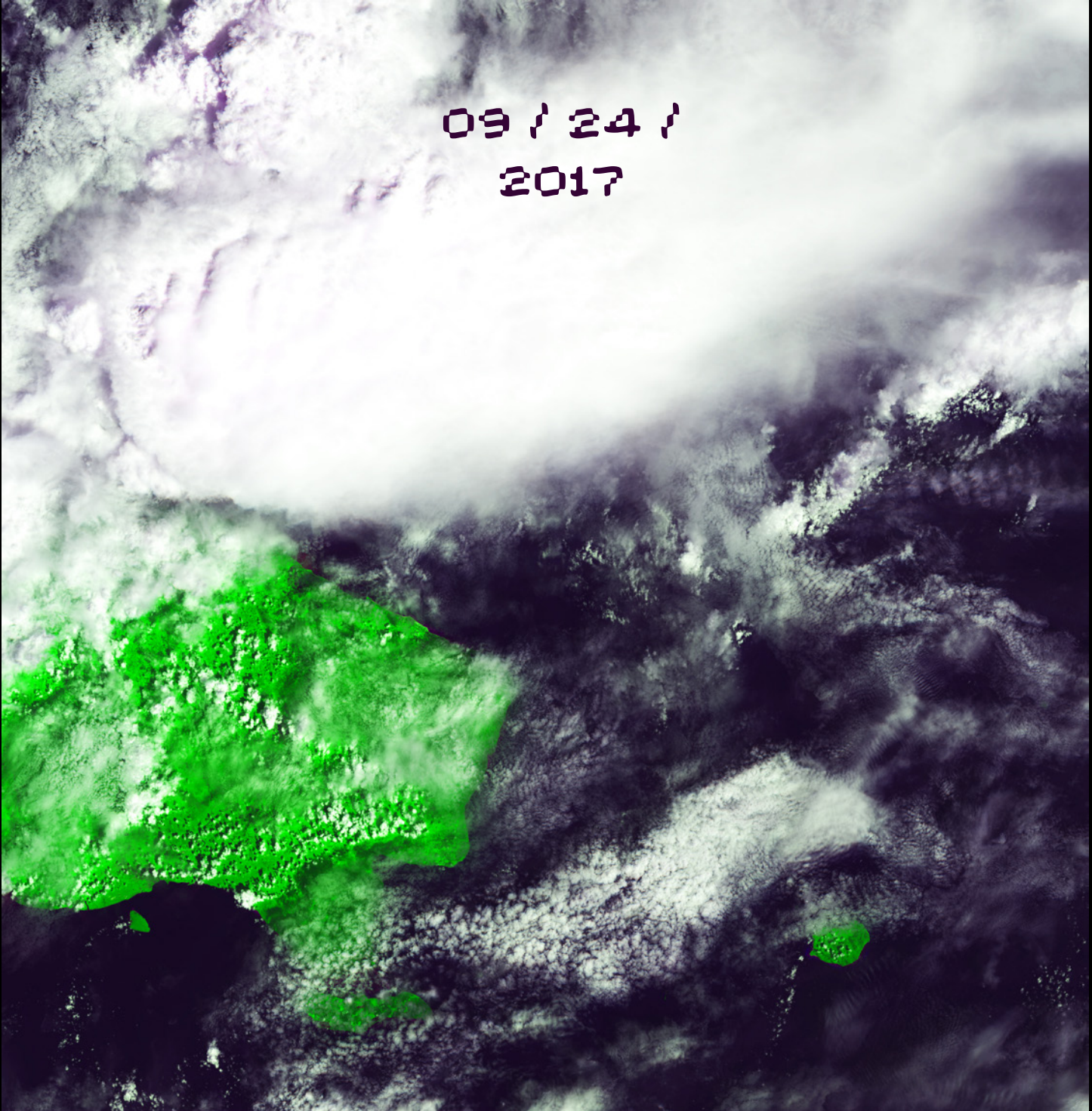
RGB 3-1-2



WGS84 EPSG:32619 USGS.GOV

During Storm

RGB 3-1-2



WGS84 EPSG:32619 USGS.GOV

GSAPP

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MINI ATLAS 001

AN ATLAS OF FIRST ATTEMPTS AT MAPPING A DISPARATE REALITY

GEOSPATIAL CULTURES GEOSPATIAL POLITICS

PROF DARE ANNE BRAWLEY