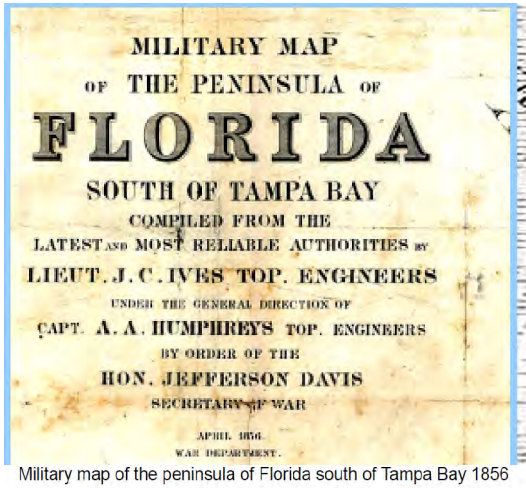
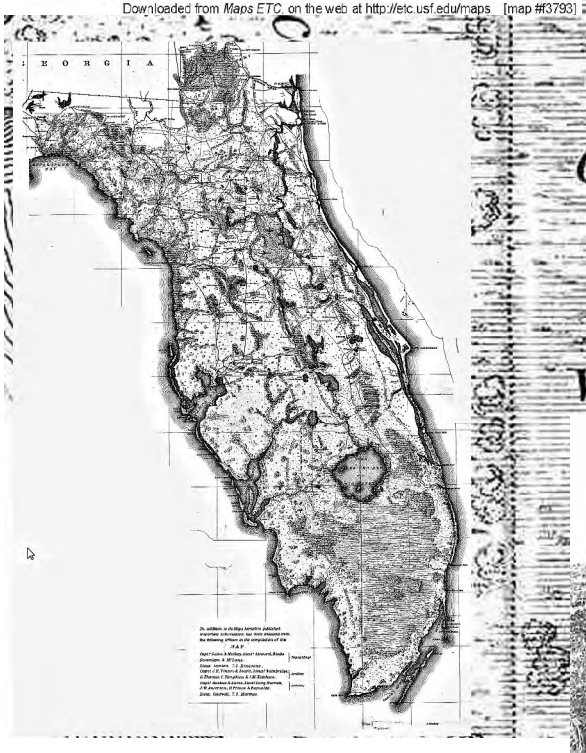

A MAP of the
WEST-INDIES &c.
MEXICO or NEW SPAIN.
Also ye Trade Winds, and ye several Tracts made by ye Galeons and Flota from Place to Place. By H:Moll Geographer
P. OF NORTH NEW FRANCE
LOUISIANA
AMERICA
NEW MEXICO
FLORIDA
VIRGINIA
MARYLAND
Barmudas Isl. English
Variable Winds
Herman Moll: A Map of the West-Indies, 1736
BAHAMA ISLANDS
ANTILLES
OCEAN
GULF of MEXICO
CUBA
HISPANIOLA
Tropick of Cancer
Leeward Islands
Caribbee I.
Windward Islands
Barbados I.
Granada
Tobago
Trinidad I.
Lit. Antilles
Greater Antilles Is.
JAMAICA I.
NORTH SEA
SPAIN
Honduras
Nicaragua
Costarica
Veragua
Trinidad
Realejo
Soconusco
Tabasco
Yucatan
Cozumel
Campechy
Merida
Panuco
Mexico
Acapulco
THE GREAT SOUTH SEA
TERRA FIRMA
New Granada
Caracos
New Andalusia
Guiana
Surinam
Note. E. Stands for English. F. for French D. for Dutch and Da. for Danes
Note. These Rivers almost meet, both of them are Navigable, and all the Cannon and Stores for Acapulco are Carryed from the North to the South Sea by them
English Leagues 20 to one Degree
105 100 95 90 85 80 75 70 65 60 Deg. W. from London



Military map of the peninsula of Florida south of Tampa Bay 1856



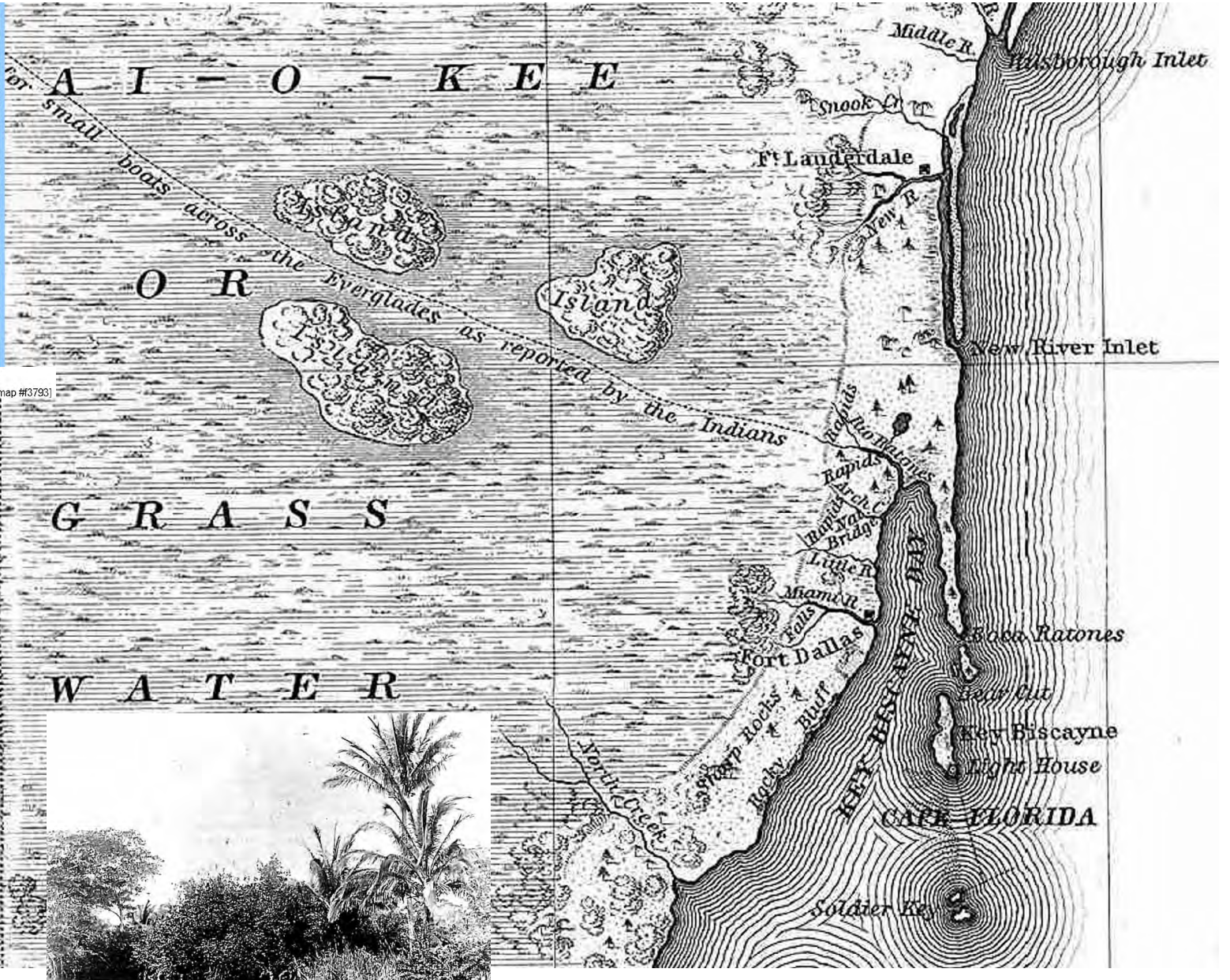


Figure 10.2. Little River in the 1890s. The Little River was described in January 1841 during a canoe expedition: "After passing up the bay seven miles, they entered the mouth of Little River, a tortuous and extremely rapid outlet from the Everglades, where they struggled against the current until after midnight, when they reached their first resting-place—the site of an old plantation—where they landed" (Brooks 1880, p. 246). Non-native coconut trees shown indicate a place of settlement. Photograph by Ralph M. Munroe, Ralph M. Munroe Collection, used by permission of the Historical Museum of Southern Florida.

Before the Everglades were drained at the beginning of the 20th Century, they mostly contained very shallow water dammed in by the Coastal Ridge. Water flowed into the Coastal Ridge through extensions of the Everglades called tranverse glades, and then down to the coast (or Biscayne Bay) through rapids.

Dry season water level in Everglades 0-1 feet deep (green area), 1-1.5 ft deep in transverse glade in west side of what is now El Portal

Wet season water level in Everglades 2-3 feet deep (blue area), about 5-6 ft above sea level.

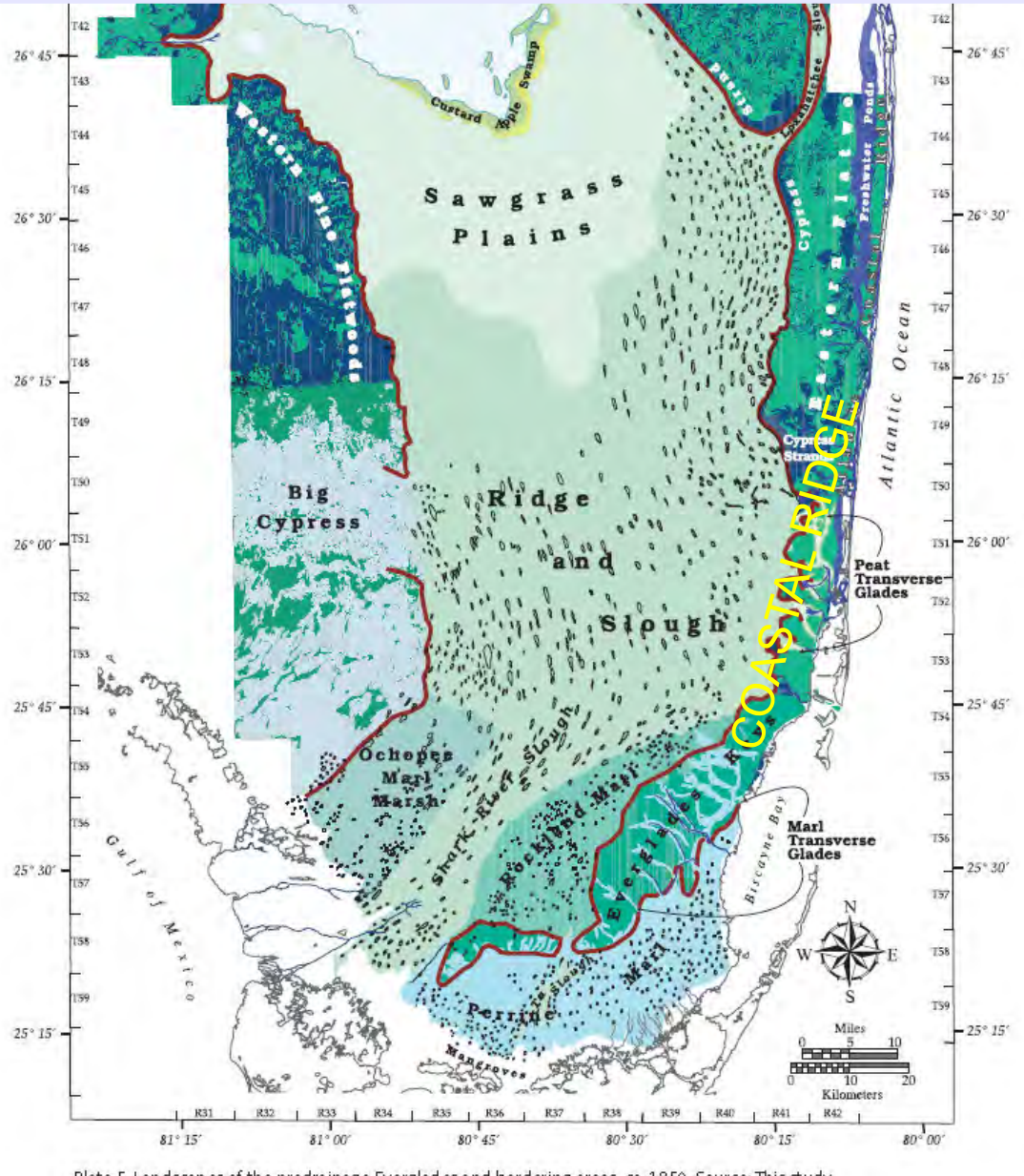
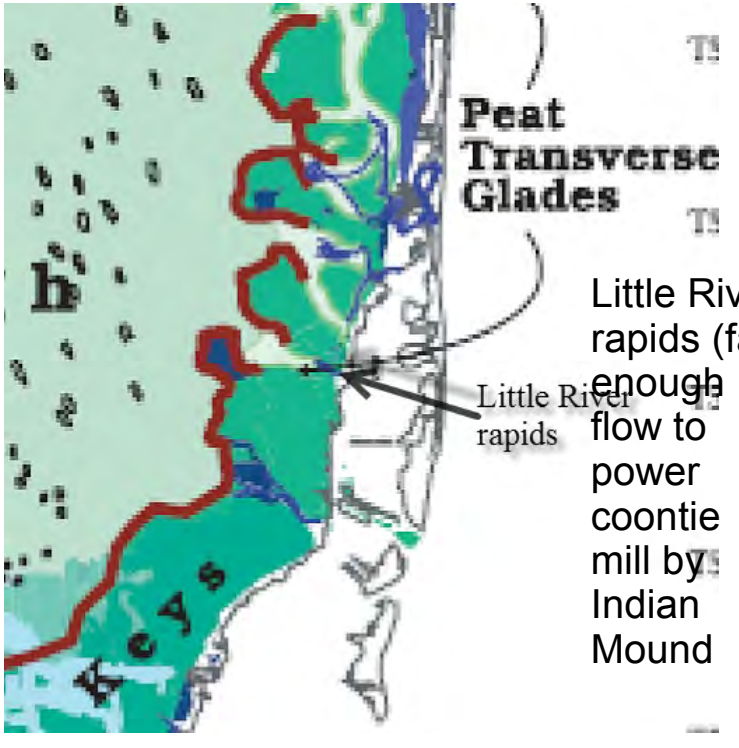


Plate 5. Landscapes of the predrainage Everglades and bordering areas, ca. 1850. Source: This study.

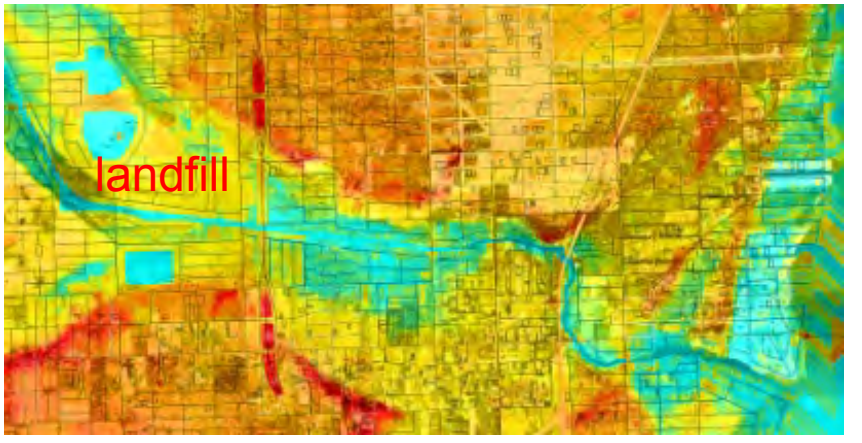


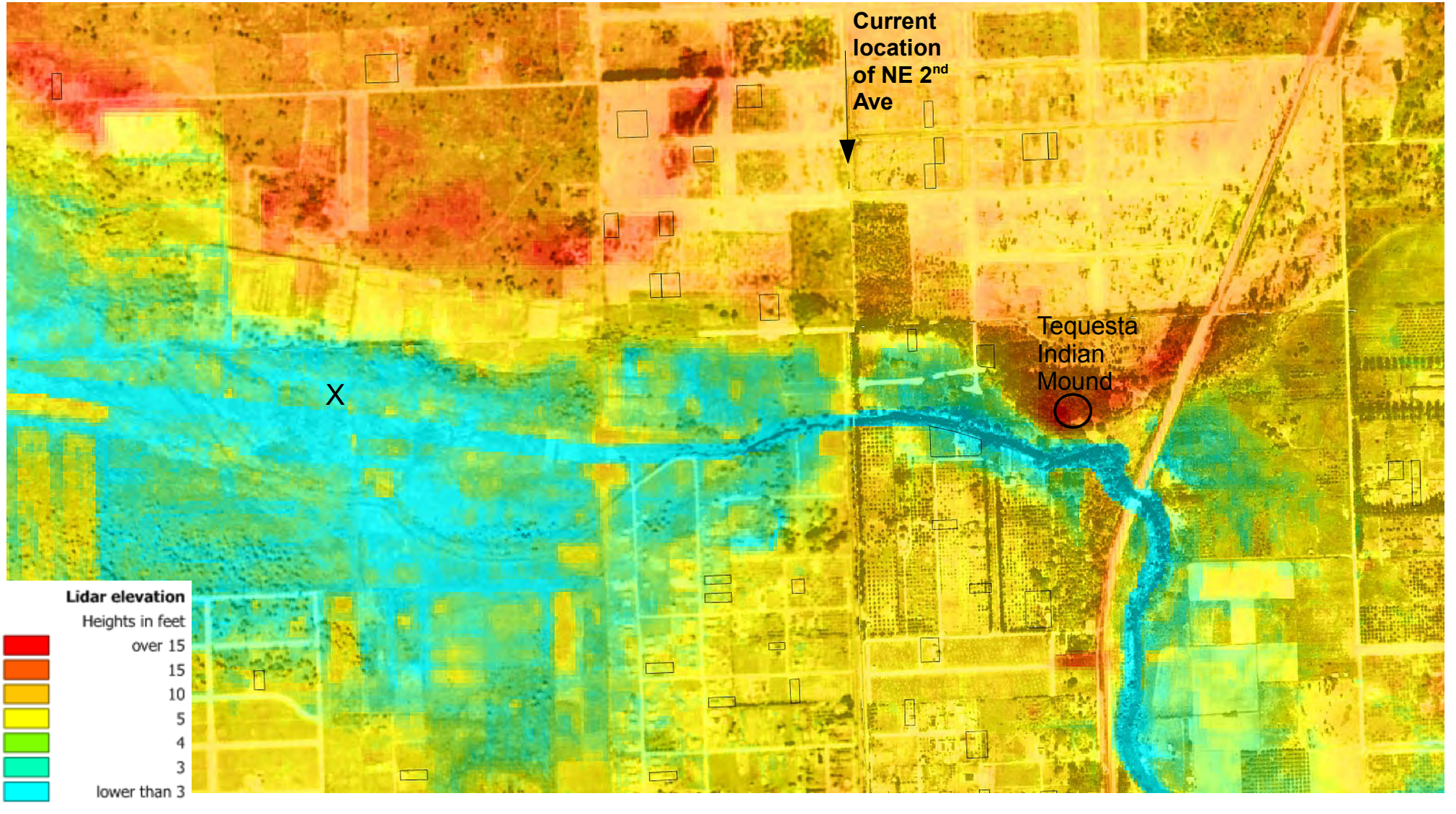
Little River rapids (fast enough flow to power coontie mill by Indian Mound

Source: McVoy, Christopher W., Winifred Park Said, Jayantha Obeysekera, Joel Van Arman, and Thomas Dreschel. 2011. ***Landscapes and Hydrology of the Predrainage Everglades.*** University Press of Florida.

Colors show current elevation in feet from lidar mapping. NE 2nd Ave marks the end of what was the transverse glade to the west and the beginning of the Little River rapids. The elevation of what was the the transverse glade has lowered due subsidence of peat that was the base of the transverse glade. Where NE 2nd Ave is now in predrainage times water went through a narrow passage in the coastal ridge and then began a 4-5 ft drop to sea level, most of it in a distance of about one mile.

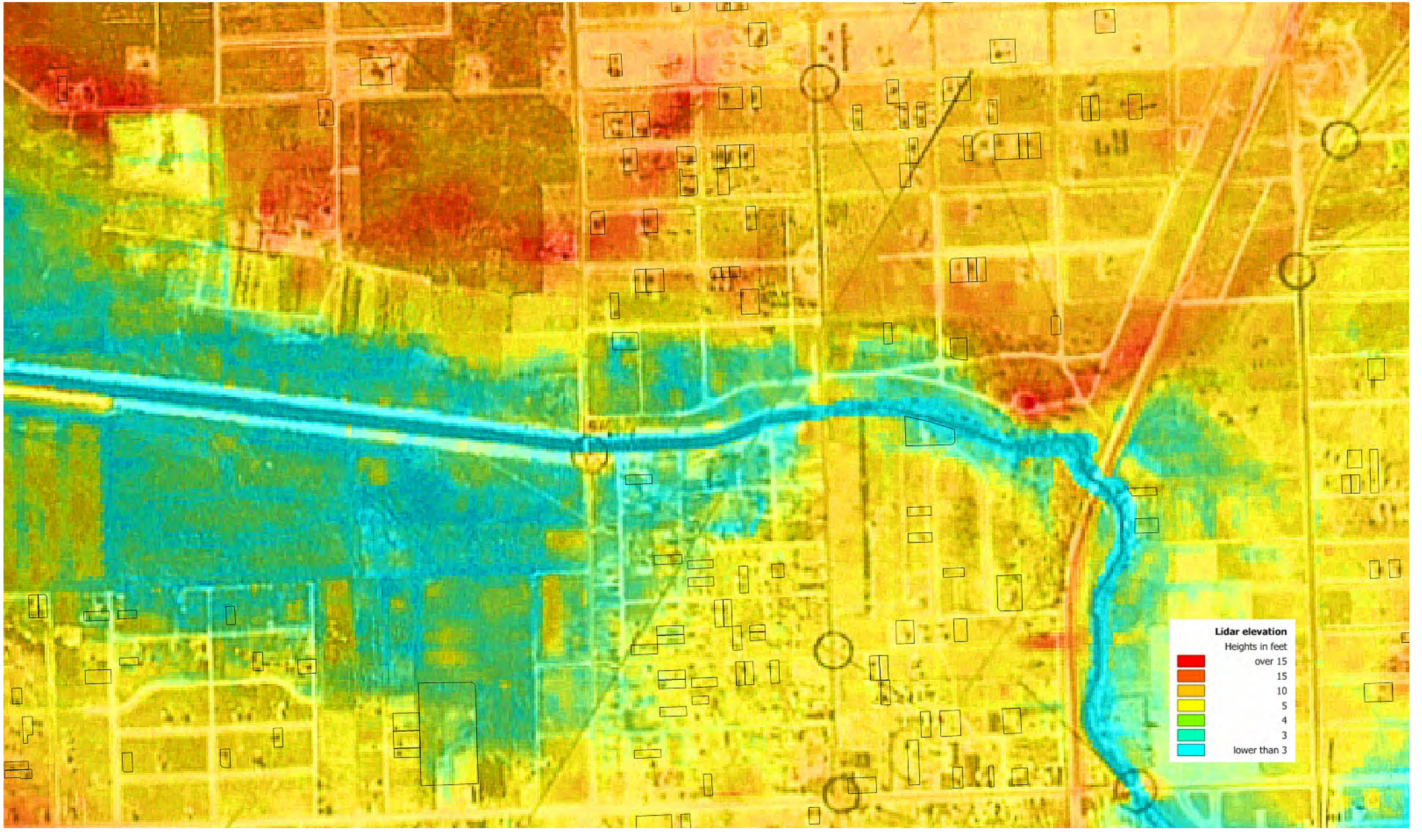
Background map is 1924 aerial photo. Rectangles show parcels that have a structure with a year-built date of 1924 or earlier.



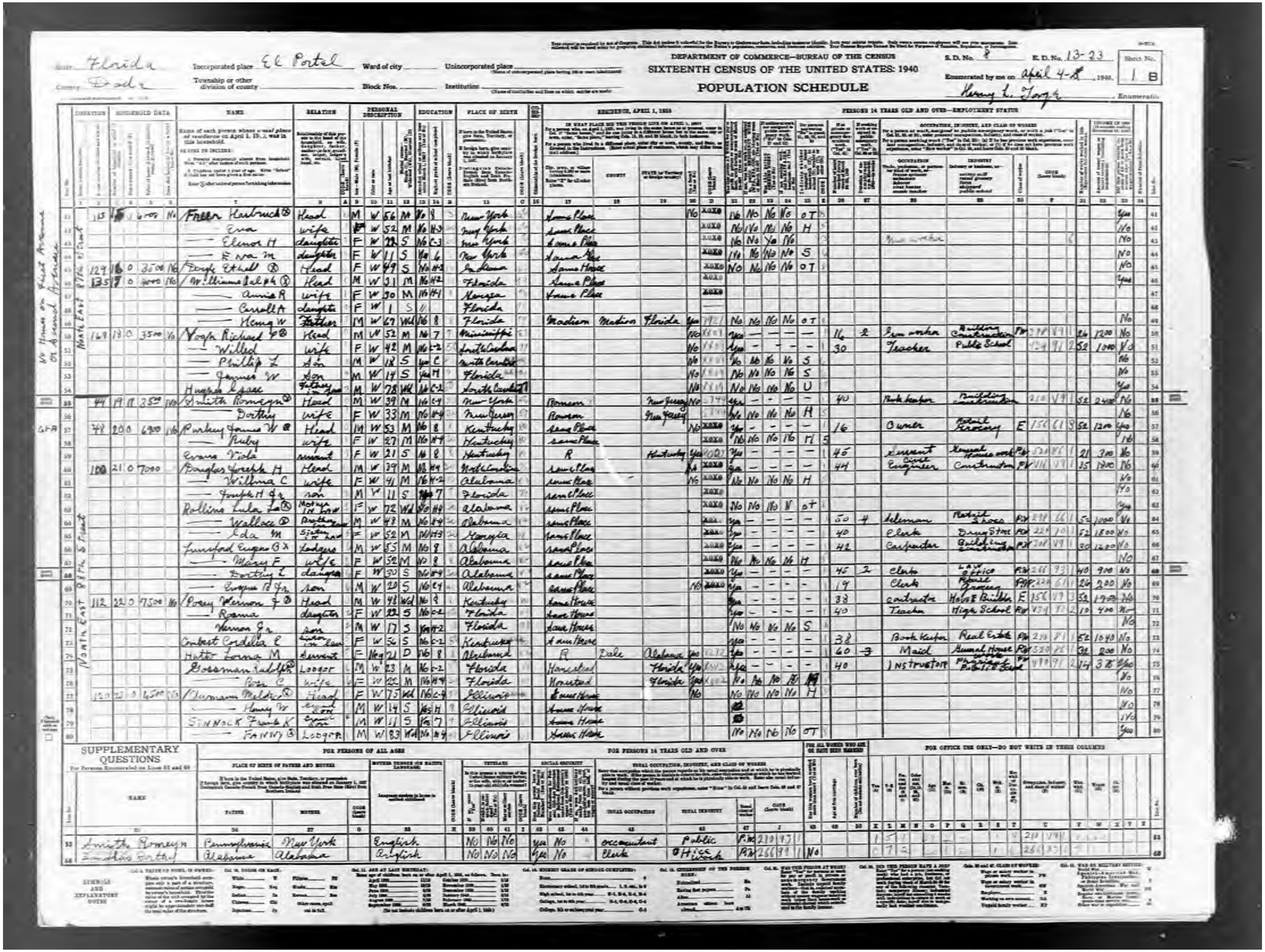


This shows the same elevation map but with a 1928 aerial photo, taken two years after the 1926 hurricane. The C-7 canal has been dug and built up to NE 2nd Ave. Streets have gone in to Sherwood Forest but that development went bankrupt in the depression that was soon to follow. Rectangles show parcels that have a structure with a year-built date of 1928 or earlier. El Portal Village was later incorporated in 1937.

Damage from the 1926 hurricane in what is now El Portal was not much compared to islands like Miami Beach (photo of Haulover bridge with all the land around it washed away).



Discussion of possible history project for interested residents – see www.worldmountain.com/elportalcensus



DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
SIXTEENTH CENSUS OF THE UNITED STATES: 1940
POPULATION SCHEDULE

State: Florida — County: Dade — Incorporated place: El Portal — S.D. No. 8 — E.D. No. 13-23 — Sheet No. 1 B
Enumerated by me on April 4-8, 1940. Henry L. Vogh, Enumerator

Line	House No.	Name	Relation	Sex	Race	Age	Marital status	Place of birth	Occupation	Industry
41	115	Freer, Hasbruck	Head	M	W	56	M	New York		
42		— Eva	wife	F	W	52	M	New York		
43		— Elenor H	daughter	F	W	22	S	New York		
44		— Erva M	daughter	F	W	11	S	New York		
45	129	Doyle, Ethel	Head	F	W	49	S	Indiana		
46	135	Williams, Ralph	Head	M	W	31	M	Florida		
47		— Annie R	wife	F	W	30	M	Georgia		
48		— Carroll A	daughter	F	W	1	S	Florida		
49		— Henry W	Father	M	W	67	Wd	Florida		
50	169	Vogh, Richard	Head	M	W	52	M	Mississippi	Gen. worker	Building construction
51		— Willed	wife	F	W	42	M	South Carolina	Teacher	Public School
52		— Phillip L	Son	M	W	18	S	North Carolina		
53		— James W	Son	M	W	14	S	Florida		
54		Hughes, Isaac	Father in law	M	W	78	Wd	South Carolina		
55	44	Smith, Romeyn	Head	M	W	39	M	New York	Book keeper	Building construction
56		— Dorthy	wife	F	W	33	M	New Jersey		
57	78	Purkey, James W	Head	M	W	53	M	Kentucky	Owner	Retail Grocery
58		— Ruby	wife	F	W	27	M	Kentucky		
59		Evans, Viola	servant	F	W	21	S	Kentucky	servant	Household work
60	100	Douglas, Joseph H	Head	M	W	39	M	North Carolina	Civil Engineer	Construction
61		— Wilma C	wife	F	W	41	M	Alabama		
62		— Joseph H Jr	son	M	W	11	S	Florida		
63		Rollins, Lula L	Mother in law	F	W	72	Wd	Alabama		
64		— Wallace	Brother in law	M	W	48	M	Alabama	Salesman	Retail Shoes
65		— Ida M	Sister in law	F	W	52	M	Georgia	Clerk	Drug Store
66		Lunsford, Eugene B	Lodger	M	W	55	M	Alabama	Carpenter	Building construction
67		— Mary F	wife	F	W	52	M	Alabama		
68		— Dorthy L	daughter	F	W	30	S	Alabama	Clerk	Law office
69		— Eugene B Jr	son	M	W	20	S	Alabama	Clerk	Retail Grocery
70	112	Posey, Vernon F	Head	M	W	48	Wd	Kentucky	contractor	House Builder
71		— Roama	daughter	F	W	22	S	Florida	Teacher	High School
72		Vernon Jr	son	M	W	17	S	Florida		
73		Combest, Cordelia E	Sister in law	F	W	56	S	Kentucky	Book Keeper	Real Estate
74		Hatter, Lorna M	Servant	F	Neg	21	D	Alabama	Maid	Private House
75		Gossman, Rudolph	Lodger	M	W	23	M	Florida	Instructor	Physical Educ. Public School
76		— Rose C	wife	F	W	22	M	Florida		
77	120	Aumann, Mildred	Head	F	W	75	Wd	Illinois		
78		— Henry W	Grand son	M	W	14	S	Illinois		
79		Sinnock, Frank K	Grand son	M	W	11	S	Illinois		
80		— Fanny	Lodger	M	W	83	Wd	Illinois		

SUPPLEMENTARY QUESTIONS

Line	Name	Father's birthplace	Mother's birthplace	Mother tongue	Occupation	Industry
55	Smith, Romeyn	Pennsylvania	New York	English	accountant	Public
68	Lunsford, Dorthy	Alabama	Alabama	English	Clerk	Office work

http://www.archives.gov/research/census/1940/

State Florida Incorporated place El Portal Ward of city Unincorporated place (Name of unincorpo

County Dade Township or other division of county Block Nos. Institution (Name of institutio

U. S. GOVERNMENT PRINTING OFFICE 16—11576

Line No.	LOCATION: Street, avenue, road, etc.	LOCATION: House number (in cities and towns)	HOUSEHOLD DATA: Number of household in order of visitation	HOUSEHOLD DATA: Home owned (O) or rented (R)	HOUSEHOLD DATA: Value of home, if owned, or monthly rental, if rented	HOUSEHOLD DATA: Does this household live on a farm? (Yes or No)	NAME: Name of each person whose usual place of residence on April 1, 19..., was in this household. BE SURE TO INCLUDE: 1. Persons temporarily absent from household. Write "Ab" after names of such persons. 2. Children under 1 year of age. Write "Infant" if child has not been given a first name. Enter ⊗ after name of person furnishing information.	RELATION: Relationship of this person to the head of the household, as wife, daughter, father, mother-in-law, grandson, lodger, lodger's wife, servant, hired hand, etc.	RELATION: CODE (Leave blank)	PERSONAL DESCRIPTION: Sex—Male (M), Female (F)	PERSONAL DESCRIPTION: Color or race	PERSONAL DESCRIPTION: Age at last birthday	PERSONAL DESCRIPTION: Marital status—Single (S), Married (M), Widowed (Wd), Divorced (D)	EDUCATION: Attended school or college any time since March 1, 1940? (Yes or No)	EDUCATION: Highest grade of school completed	EDUCATION: CODE (Leave blank)	PLACE OF BIRTH: If born in the United States, give State, Territory, or possession. If foreign born, give country in which birthplace was situated on January 1, 1937. Distinguish Canada-French from Canada-English and Irish Free State (Eire) from Northern Ireland.	PLACE OF BIRTH: CODE (Leave blank)
	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	B	15	C
41	North East 87th Street	115	15	O	6000	No	Freer Hasbruck ⊗	Head	0	M	W	56	M	No	8	8	New York	56
42							— Eva	wife	1	F	W	52	M	No	H-3	20	New York	56
43							— Elenor H	daughter	2	F	W	22	S	No	C-3	60	New York	56
44							— Eva M	daughter	2	F	W	11	S	Yes	6	6	New York	56
45		129	16	O	3500	No	Doyle Ethell ⊗	Head	0	F	W	49	S	No	H-2	10	Indiana	60
46		135	17	O	4000	No	Williams Ralph ⊗	Head	0	M	W	31	M	No	H-2	10	Florida	11
47							— Annie R	wife	1	F	W	30	M	No	H-1	9	Georgia	10
48							— Carroll A	daughter	2	F	W	1	S	No			Florida	11
49							— Henry W	Father	3	M	W	67	Wd	No	8	8	Florida	11
50		169	18	O	3500	No	Vogt Richard P ⊗	Head	0	M	W	52	M	No	7	7	Mississippi	83
51							— Willed	wife	1	F	W	42	M	No	H-2	50	South Carolina	11
52							— Phillip L	Son	2	M	W	18	S	Yes	C	40	South Carolina	11
53							— James W	Son	2	M	W	14	S	Yes	H	9	Florida	11
54							Hughes Isaac	Father in law	3	M	W	78	Wd	No	C-2	50	South Carolina	11

No Homes on First Avenue Or Ascend Avenue

PERSONS 14 YEARS OLD AND OVER—EMPLOYMENT STATUS

Was this person AT WORK for pay or profit in private or nonemergency Government work during week of March 24–30? (Yes or No)	If not, was he on vacation, temporary illness, or labor dispute without pay during week of March 24–30? (Yes or No)	If neither at work nor assigned to public emergency work ("No" in Cols. 21 and 22): Was this person SEEKING WORK? (Yes or No)	If not seeking work, did he HAVE A JOB, business, etc.? (Yes or No)	For persons answering "No" to quest. 21, 22, 23, and 24: Indicate whether engaged in housework (H), in school (S), unable to work (U), or other (O)	CODE	If at private or nonemergency Government work ("Yes" in Col. 21): Number of hours worked during week of March 24–30, 1940	If seeking work or assigned to public emergency work ("Yes" in Col. 23 or 24): Duration of unemployment up to March 30, 1940—in weeks	OCCUPATION, INDUSTRY, AND CLASS OF WORKER. For a person at work, assigned to public emergency work, or with a job ("Yes" in Col. 21, 22, or 24), enter present occupation, industry, and class of worker. For a person seeking work ("Yes" in Col. 23): (a) If he has previous work experience, enter last occupation, industry, and class of worker; or (b) if he does not have previous work experience, enter "New worker" in Col. 28, and leave Cols. 29 and 30 blank. OCCUPATION: Trade, profession, or particular kind of work, as—frame spinner, salesman, laborer, rivet heater, music teacher	INDUSTRY: Industry or business, as—cotton mill, retail grocery, farm, shipyard, public school	Class of worker	CODE (Leave blank)	Number of weeks worked in 1939 (Equivalent full-time weeks)	INCOME IN 1939 (12 months ending December 31, 1939): Amount of money wages or salary received (including commissions)	Did this person receive income of $50 or more from sources other than money wages or salary? (Yes or No)	Number of Farm Schedule	Line No.	
21	22	23	24	25	E	26	27	28	29	30	F	31	32	33	34		
Yes	—	—	—	—	1	16	2	Iron worker	Building Construction	PW	398 V91 1	26	1200	No		50	
Yes	-	-	-	-	1	30		Teacher	Public School		434 91 2	52	1000	No		51	
No	No	No	No	S	6									No		52	
No	No	No	No	S	6									No		53	
No	No	No	No	U	7									Yes		54	
Yes	—	-	—	—	1	40		Bookkeeper	Building Construction		210 V91 1	52	2400	No		55	SUPPL. QUEST.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Update on Climate Change and Water Management in South Florida

Kim Shugar
Department Director
Intergovernmental Programs

Jayantha Obeysekera (Obey)
Department Director
Hydrologic & Environmental Systems Modeling

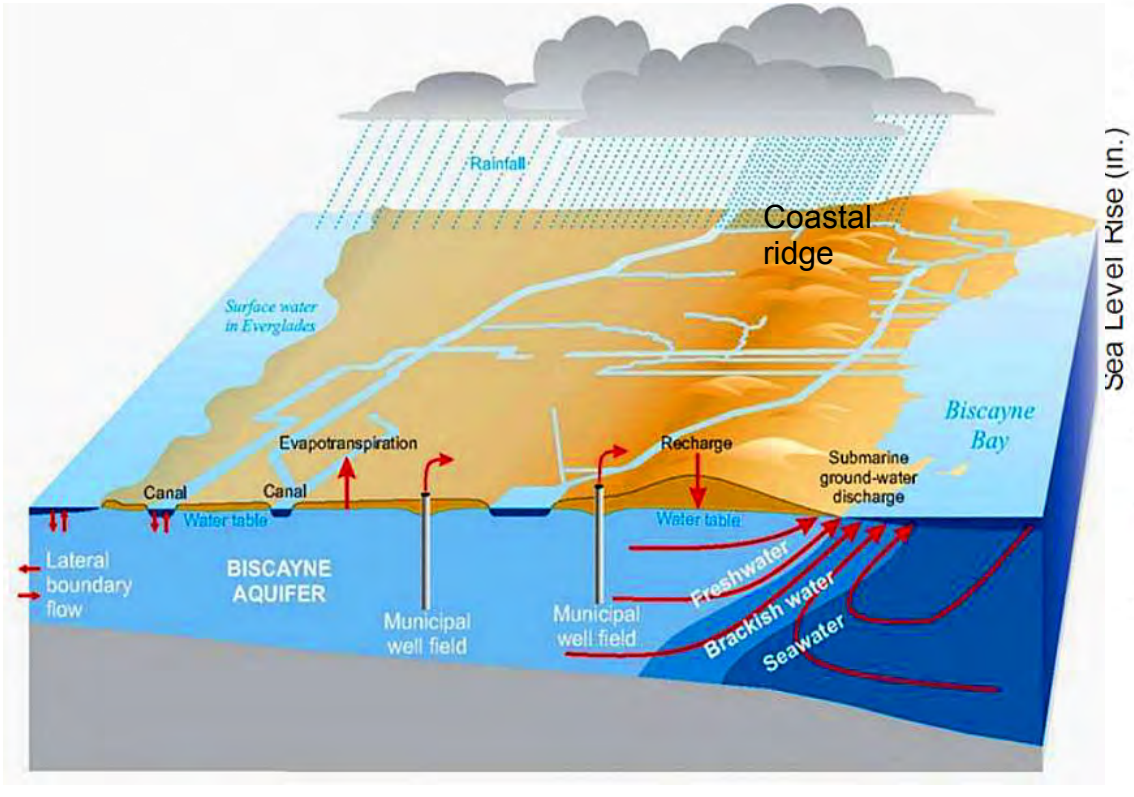
Governing Board Workshop
November 09, 2010

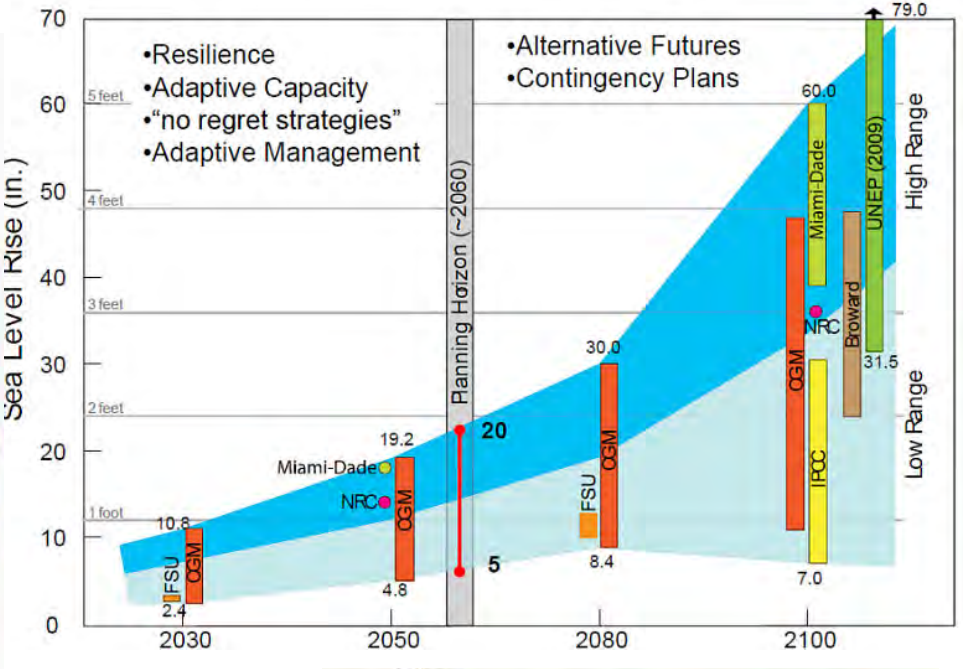
sfwmd.gov

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Priority Structures: S-27, S-28, and S-29 Coastal Spillways

Schematic diagram of the hydrological cycle in Southeast Florida. Southeast Florida receives approximately 60 inches of year
annually. Most of Southeast Florida sits on the Biscayne Aquifer, an open coastal aquifer of high porosity and transmissivity. (Graphic:
USGS)





SOUTHEAST FLORIDA REGIONAL COMPACT CLIMATE CHANGE

THE 4TH ANNUAL SOUTHEAST FLORIDA REGIONAL CLIMATE LEADERSHIP SUMMIT

2012 Regional Climate Summit: Moving Forward and Taking Action

Jupiter Beach Resort | 5 North A1A, Jupiter, Florida 33477

Day One Morning: Thursday, December 6, 2012