# Effects of hurricane storm surge on Lower Keys habitats.

# Image:1919 Florida Keys hurricane track.png

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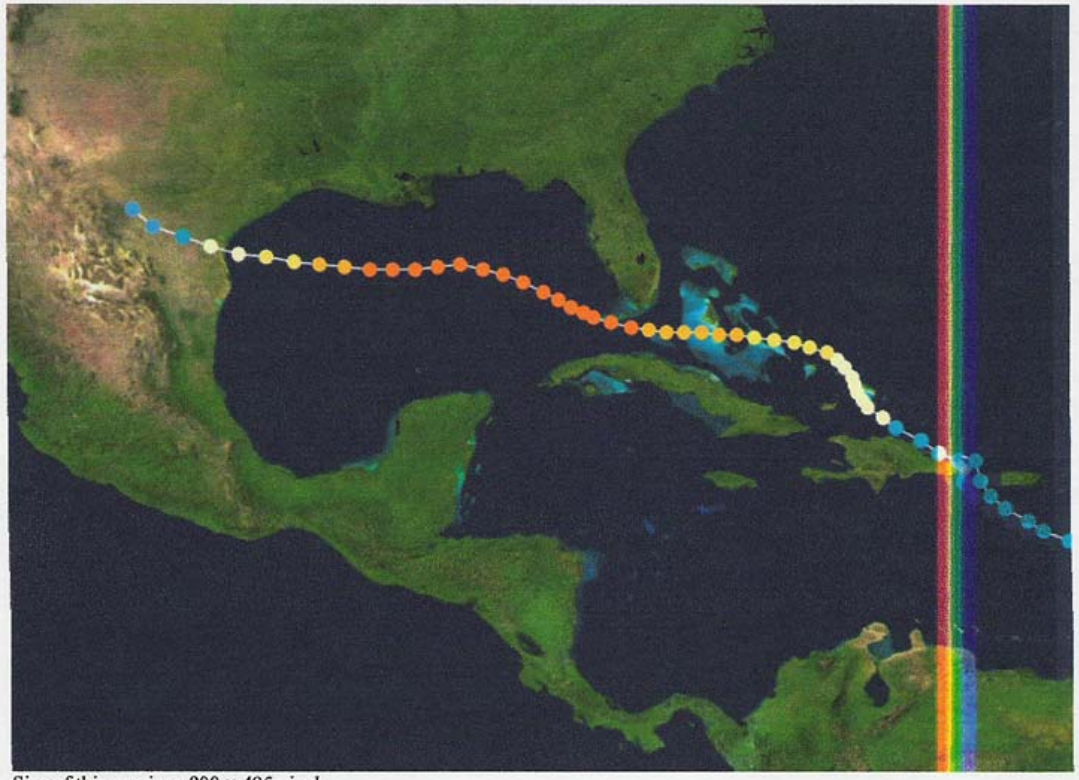

Size of this preview: 800 × 495 pixel
Image in higher resolution (1024 × 633 pixel, file size: 515 KB, MIME type: image/png)

## Summary

1919 Florida Keys hurricane track. Uses the color scheme from the Saffir-Simpson Hurricane Scale.

## Licensing

130 PEAK GRAZED KEYS - 2 SEPTEMBER 927 MB

Created using User:jdorje/Tracks. The background image is from NASA. Tracking data from the National Hurricane Center.[1] (http://www.nhc.noaa.gov/pastall.shtml)

# Image:Donna 1960 track.png

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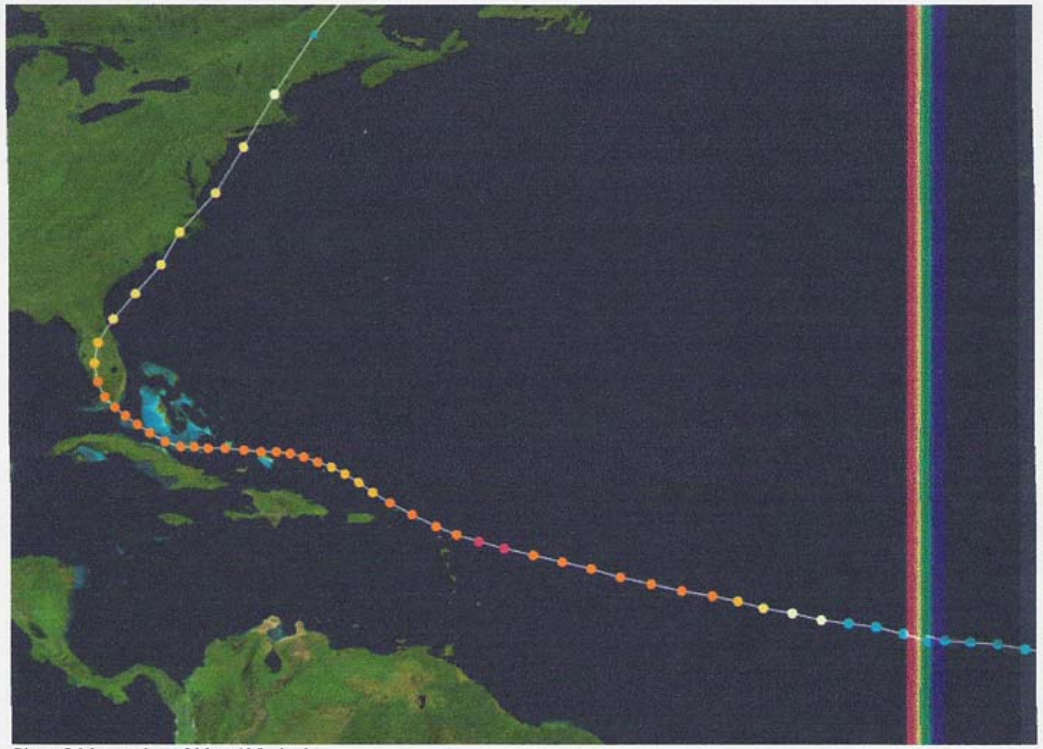

Size of this preview: 800 × 495 pixel

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## Summary

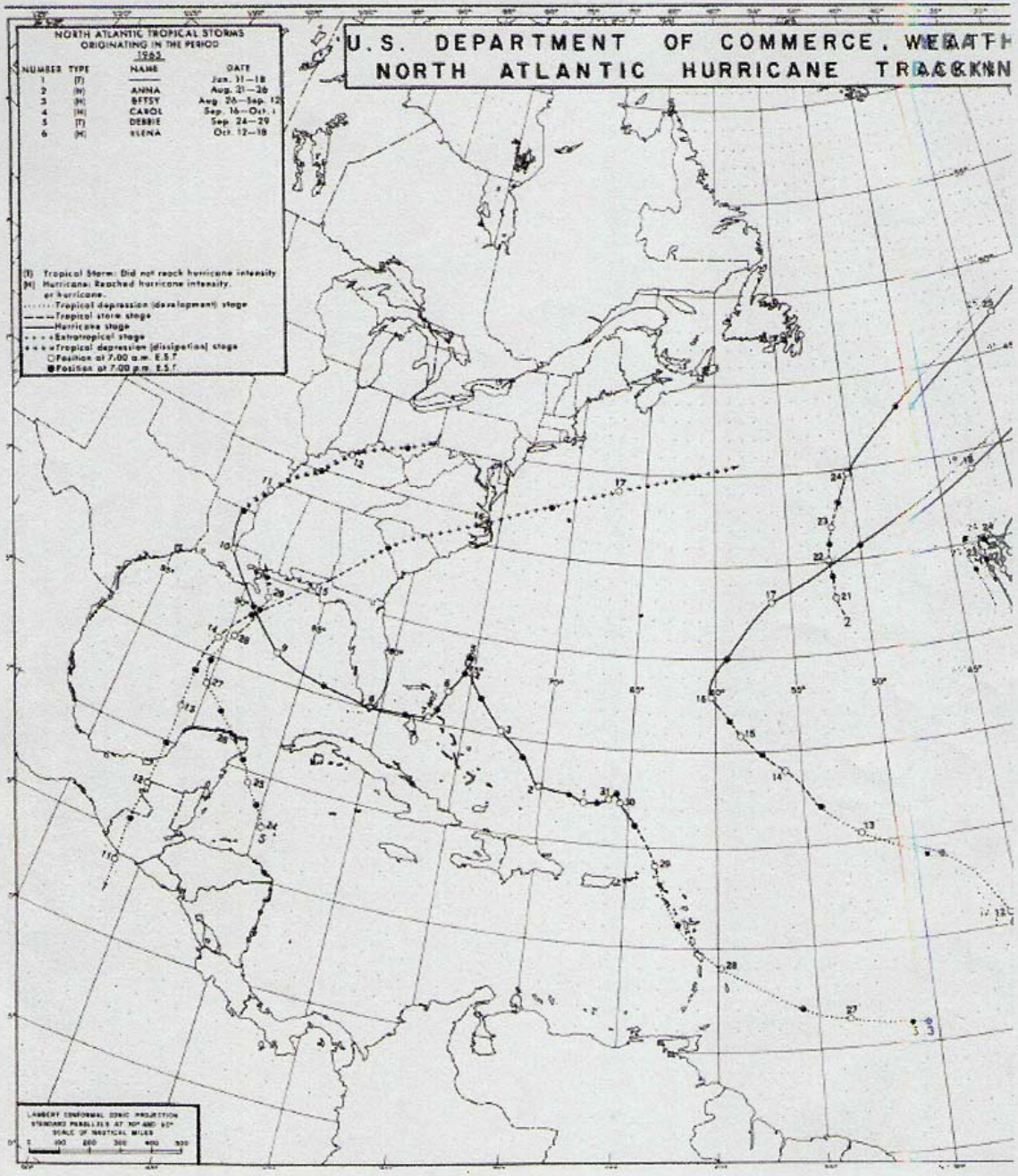
Hurricane Donna (1960) track. Uses the color scheme from the Saffir-Simpson Hurricane Scale.

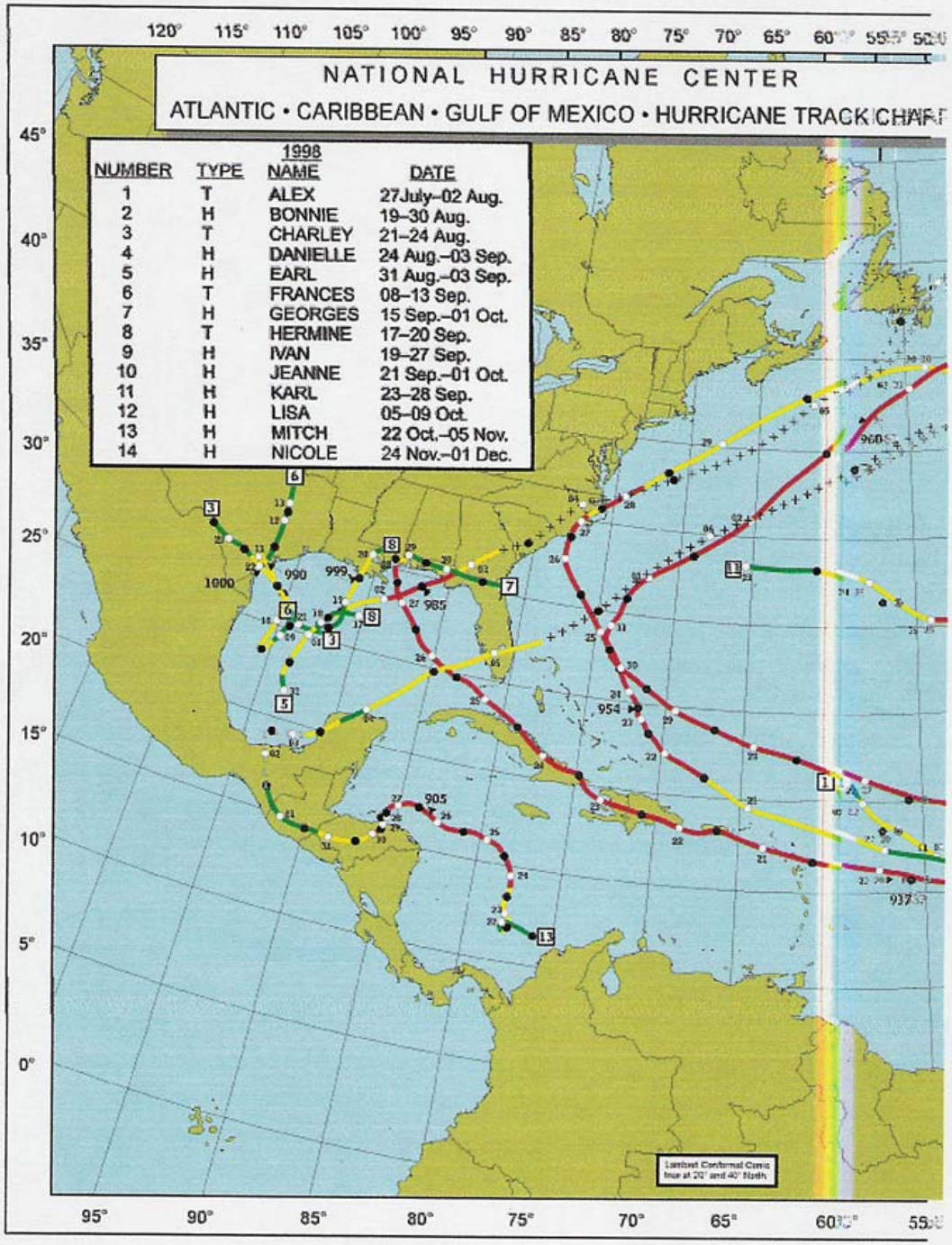
## Licensing

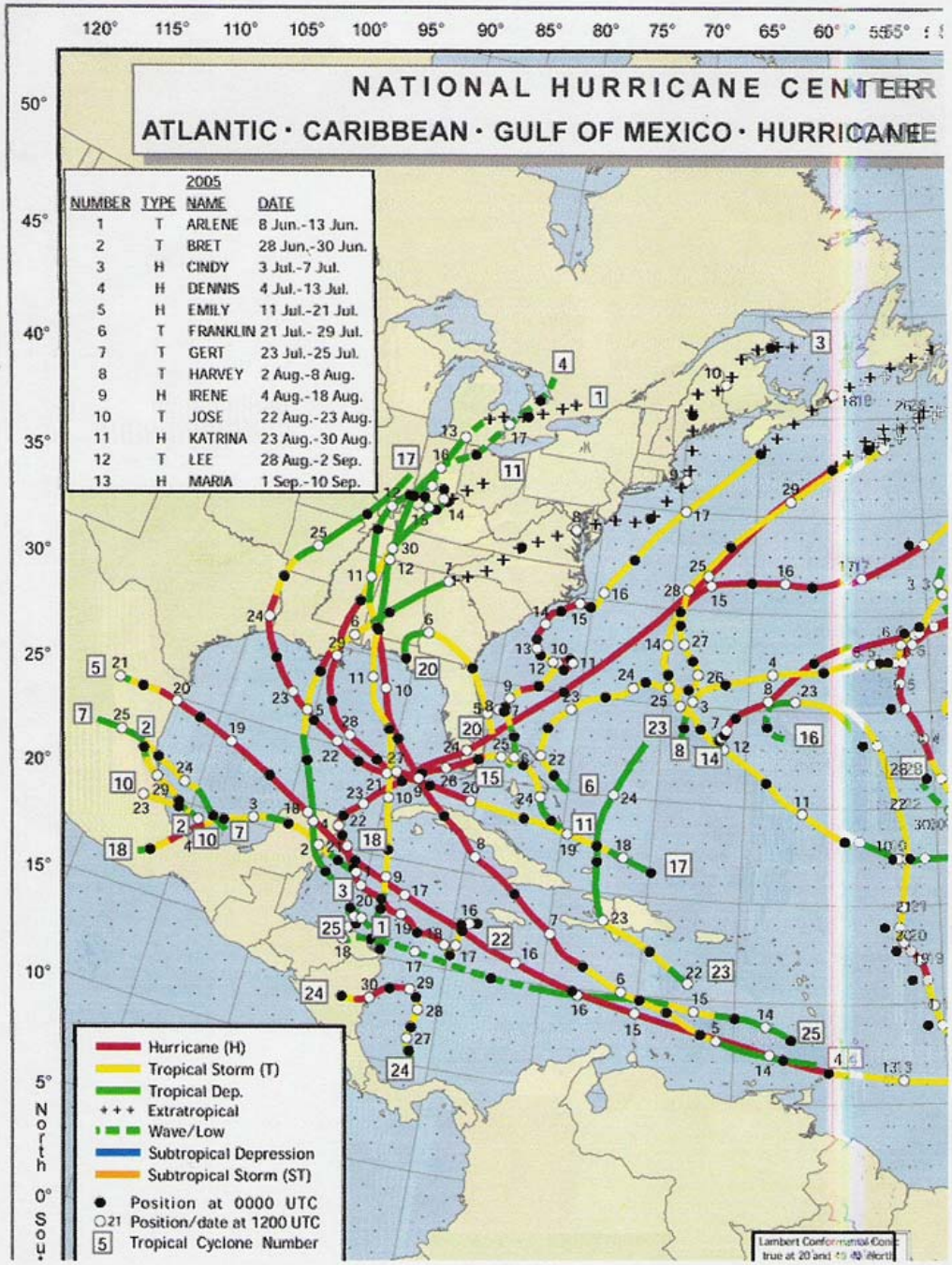
140 PEAK MARATHON 13 FT 930 MB
8 SEPT

Created using User:jdorje/Tracks. The background image is from NASA. Tracking data from the

EYE 15 MILES


U.S. DEPARTMENT OF COMMERCE, WEATH
NORTH ATLANTIC HURRICANE TRACKIN
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1962
NUMBER TYPE NAME DATE
1 (T) —— Jan. 31—18
2 (H) ANNA Aug. 21—26
3 (H) BETSY Aug. 26—Sep. 12
4 (H) CAROL Sep. 16—Oct. 1
5 (T) DEBBIE Sep. 24—29
6 (H) ELENA Oct. 12—18
(T) Tropical Storm: Did not reach hurricane intensity
(H) Hurricane: Reached hurricane intensity, or hurricane.
Tropical depression (development) stage
Tropical storm stage
Hurricane stage
Extratropical stage
Tropical depression (dissipation) stage
Position at 7:00 a.m. E.S.T.
Position at 7:00 p.m. E.S.T.
LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF NAUTICAL MILES


NATIONAL HURRICANE CENTER
ATLANTIC • CARIBBEAN • GULF OF MEXICO • HURRICANE TRACK CHART
1998
NUMBER TYPE NAME DATE
1 T ALEX 27July–02 Aug.
2 H BONNIE 19–30 Aug.
3 T CHARLEY 21–24 Aug.
4 H DANIELLE 24 Aug.–03 Sep.
5 H EARL 31 Aug.–03 Sep.
6 T FRANCES 08–13 Sep.
7 H GEORGES 15 Sep.–01 Oct.
8 T HERMINE 17–20 Sep.
9 H IVAN 19–27 Sep.
10 H JEANNE 21 Sep.–01 Oct.
11 H KARL 23–28 Sep.
12 H LISA 05–09 Oct.
13 H MITCH 22 Oct.–05 Nov.
14 H NICOLE 24 Nov.–01 Dec.
Lambert Conformal Conic
true at 20° and 40° North




http://www.nhc.noaa.gov/tracks/2005atl.gif 3/19/2007

RITA 20 SEPTEMBER

# Sea Level Rise

Before the 2005 hurricanes salt from sea levels rising was already evident.

Pines and other native plants have been slowly replaced by Buttonwood and other more salt tolerant vegetation.

The following pictures show evidence of salt intrusion prior to Rita and Wilma.....

2 18 05

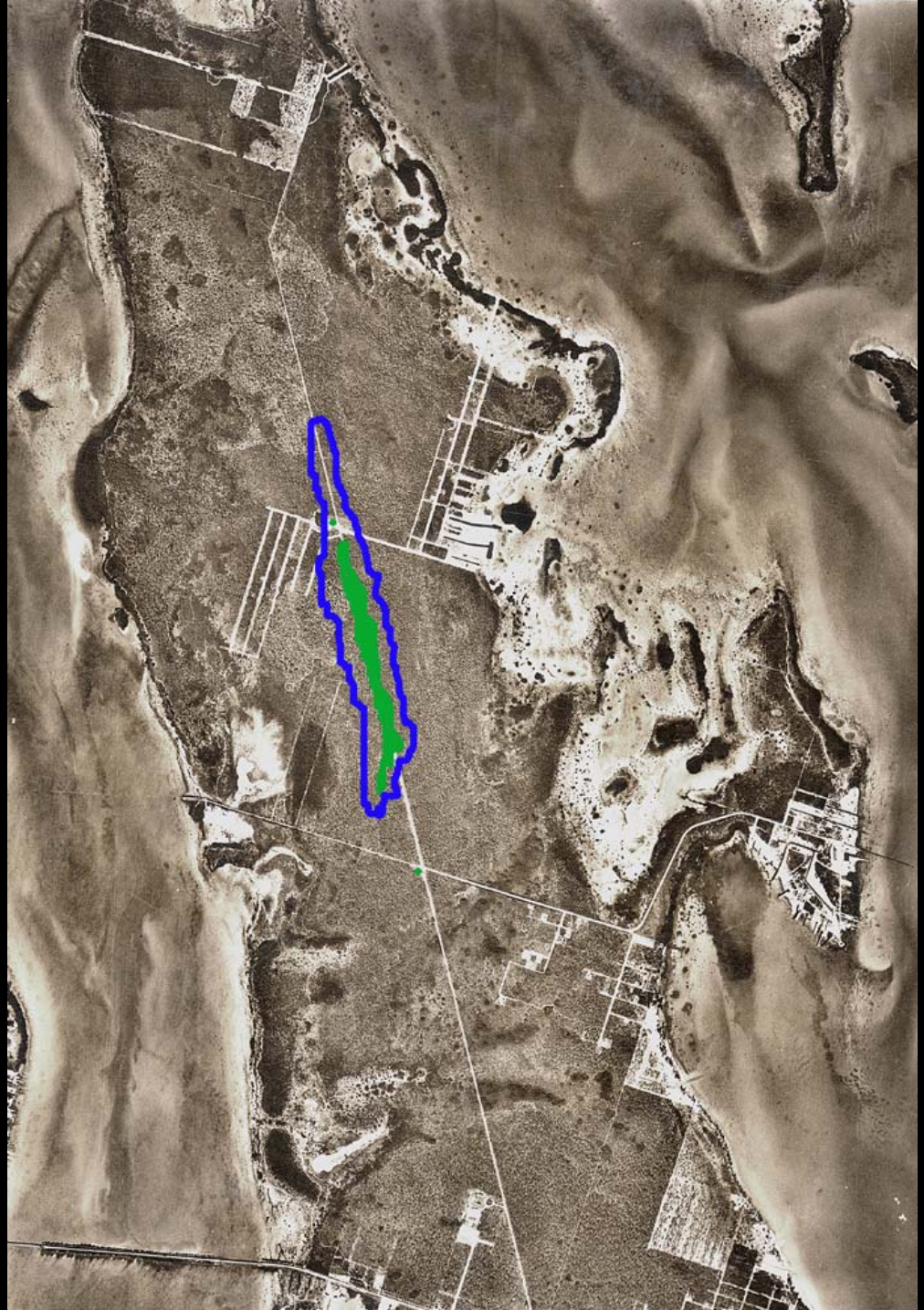
2/18/05

2/18/05

3 25 05

# Storm Surge

In 2005 we had a storm surge from both hurricane Rita and Wilma. The surge from Wilma inundated our lower keys islands with salt water. After Wilma, over 7 months of drought followed.



Wilma 10/24/05
GERALDINE ST
STOP

JB's
BELIZE
Central America

Big Pine Key Ringneck Snake
Diadophis punctatus acricus
Endangered

06/16/06

Satin Leaf
Chrysophyllum oliviforme

Welcome To
Lord of the Seas
E.L.C.A. Lutheran Church
SUNDAY SERVICE
SUNDAY SCHOOL
Lord of the Seas
E.L.C.A. Lutheran Church
3 24 06

7 4 06

3 10 07

MAHOGANY
7 4 06 N.on KDB

3 10 07 N. on KDB

# KDB N. at Mahogany

6/29/06

3/9/07

Last fire break before entry to watson hammock North end KDB

11 28 04

4 26 06

3/3/07

11 28 04

4 26 05

3 03 07

Watson Hammock

12 15 05 Watson mosquito ditch W.

3/3/07
3 3 07 Watson mosquito ditch W

12/15/05

3/07/07

S. End Entry to Watson Hammock

3 24 06 TNC

3 10 07

TNC property S. of Watson Blvd. facing W.

N.40.932
W.21.791
silver btnwood ln s of ballpark
11 10 05

silver buttonwood ln E side kdb facing N.
12 17 05

7 4 06

3/10/07

N.40.932
W.21.791
silver btnwood ln s of ballpark
11 10 05

silver buttonwood in E side kdb facing N.
12 17 05

7 4 06

3/10/07

11/10/05 West of 16th St.

3/24/06

3/16/07

3 16 07 NW corner Watson/KDB

3/16/07

3/24/06 Watson Blvd. heading E. N. side.

3 24 06 E. side watson blvd first rd on N. side.

3/10/07

12/15/05 Bracken Field Watson

3/2/07

12/15/05 Bracken Field Watson

3/2/07

2/23/07 Brazillian Pepper on US1

2 23 07