

EXECUTIVE SUMMARY

2011 HURRICANE IRENE

ABACO ISLAND, BAHAMAS

RAPID DAMAGE ASSESSMENT



PATHFINDERS
TASK FORCE

Pathfinders Task Force completed a Rapid Damage Assessment of Abaco Island, Bahamas on D+1 following Hurricane Irene. Rapid Damage Assessments contain information about individual structures and classify structural damage based on Type and Damage Condition. Geo-tagged photos are also attached to each Assessment, providing a picture of where critical areas are and what resources to allocate towards them.

— INITIAL ASSESSMENT - Saturday, August 27th, 2011

1,256

Total Rapid
Damage
Assessments

566

Structures with
No Visible
Damage

531

Structures were
Affected

114

Structures
Sustained Minor
Damage

45

Homes and other
Structures with
Major Damage

On D + 1, following a tasking request by Capt. Russell, the Bahamian NEMA Director, Pathfinders' Task Force (PTF) deployed two Type V teams into the NE Bahamas Islands – one each to Abaco and Eleuthra.

PTF focused on providing Situational Awareness reports to NEMA for its field Ops on D + 2. The PTF teams geotagged (GPS located damage) 1,500+ photos and reports from Foxtown to Sandy Point on Abaco, and on Eleuthra, PTF geotagged over 1,000 reports from Spanish Wells to Green Castle.

This PTF Summary includes GPS Tracking history, Google Earth sample views of geotagged field reports, and sample geotagged photos taken on Abaco.

A Critical Infrastructure Report from Abaco and a Rapid Damage Assessment Report from Eleuthra will follow separately. Following these initial Sit Reps, Pathfinders will engage in Mass Distribution operations under the direction of NEMA for incoming, donated, relief supplies from The Eagles Wings Foundation.

GPS Track History of Pathfinder Responders



Little Abaco Sample Rapid Damage Assessments

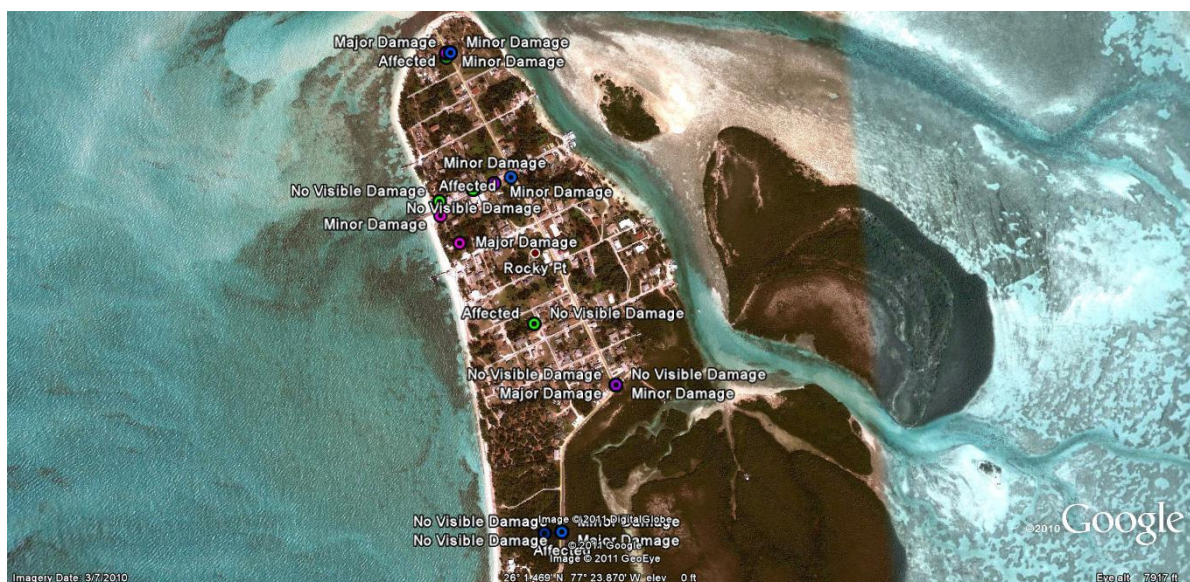


A satellite image of the Fukushima coastline, showing the impact of the 2011 earthquake and tsunami. The image is divided into two halves, with the left half showing the coastline and the right half showing the ocean. Various labels and colored squares indicate the extent of damage:

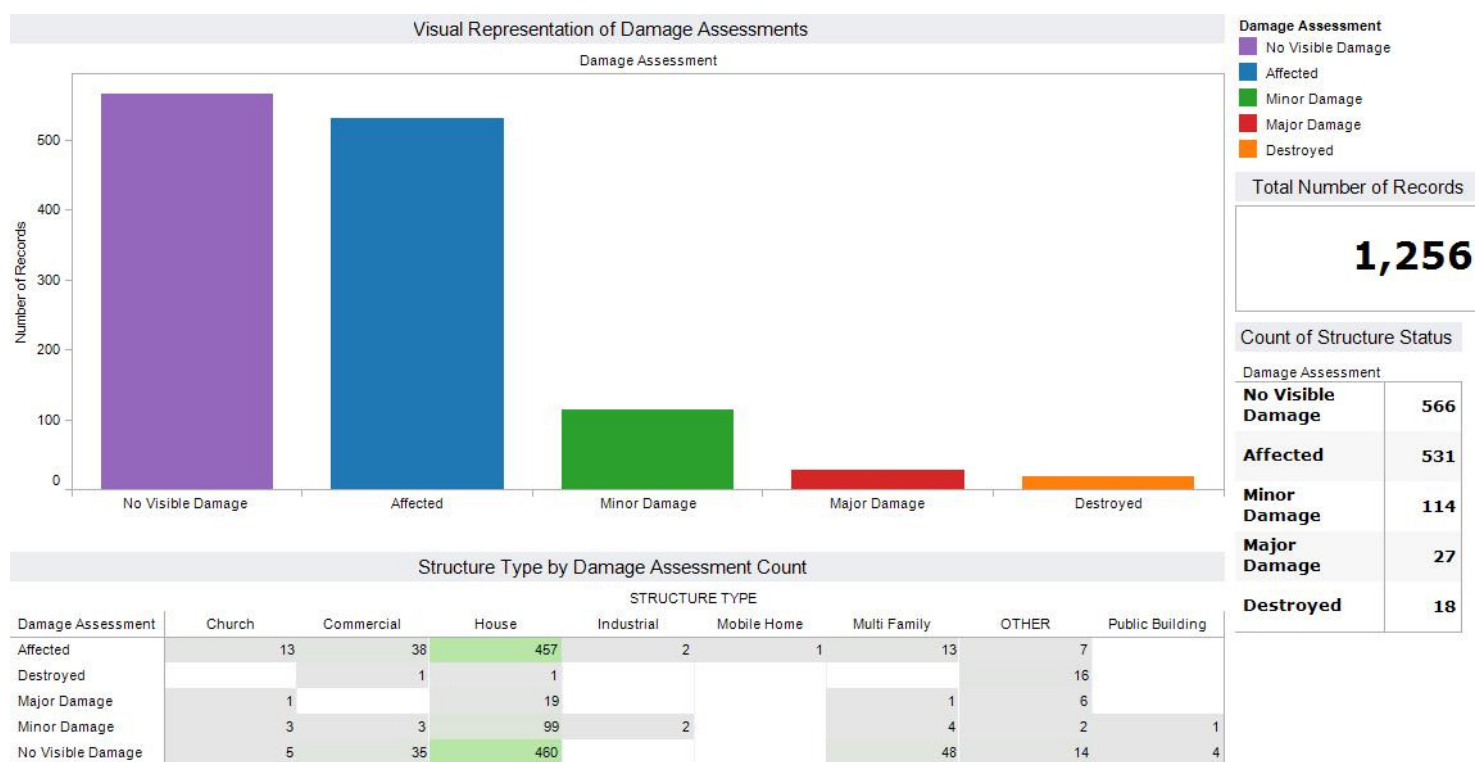
- Affected** (blue square): Located in the top left corner, near the coastline.
- Minor Damage** (purple square): Located in the top center, near the coastline.
- Minor Damage** (purple square): Located in the center, near the coastline.
- Minor Damage** (purple square): Located in the center, near the coastline.
- Minor Damage** (purple square): Located in the center, near the coastline.
- No Visible Damage** (green square): Located in the center, near the coastline.
- No Visible Damage** (green square): Located in the center, near the coastline.
- No Visible Damage** (green square): Located in the center, near the coastline.
- Affected** (blue square): Located in the center, near the coastline.
- Affected** (blue square): Located in the bottom center, near the coastline.
- Major Damage** (blue square): Located in the bottom center, near the coastline.
- Minor Damage** (purple square): Located in the bottom center, near the coastline.
- No Visible Damage** (green square): Located in the bottom center, near the coastline.
- Affected** (blue square): Located in the bottom right, near the coastline.
- No Visible Damage** (green square): Located in the bottom right, near the coastline.

[illegible]

Sandy Point Sample Rapid Damage Assessments



Detailed Pathfinders Statistics for Abaco Island Rapid Damage Assessments

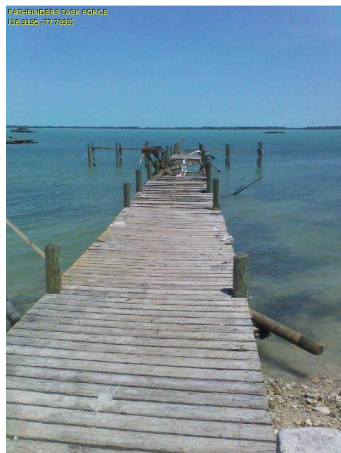




House - Destroyed
(26.5454, -77.0872)



House - Flooding Damage
(26.027, -77.4007)



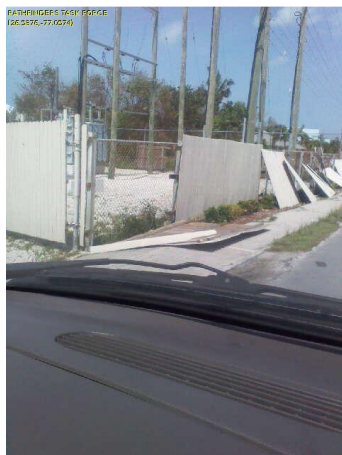
Foxtown Dock – Destroyed
(26.9195, -77.7892)



House – Minor Damage
(26.0271, -77.4002)



Church - Minor Damage
(26.0259, -77.4011)



Fence - Destroyed
(26.5376, -77.0574)



Church – Minor Damage
(26.8732, -77.5115)



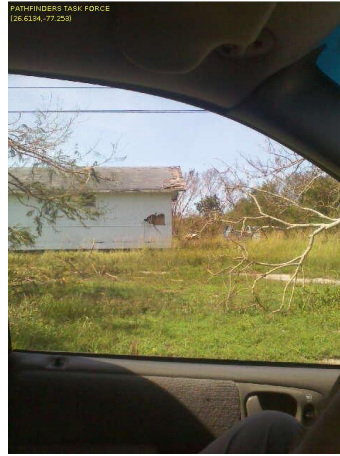
Gas Station - Minor Damage
(26.5483, -77.047)



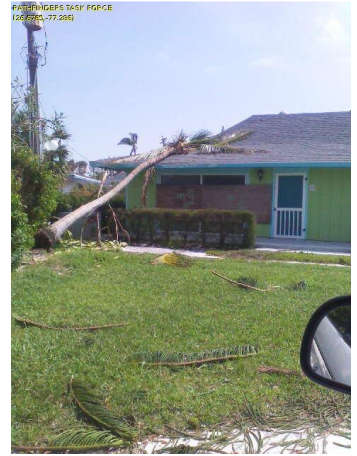
House - Minor Damage
(26.6799, -77.2658)



House - Flood Damage
(26.5457, -77.1137)



House - Minor Damage
(26.6134, -77.253)



House - Minor Damage
(26.6765, -77.286)



House - Minor Damage
(26.6799, -77.2658)



House - Minor Damage
(26.7247, -77.3506)



House - Flood Damage
(26.5483 -77.047)



Govt. Dock - Major Damage
(26.5455, -77.0534)

ABOUT **PATHFINDERS' TASK FORCE**

Pathfinders Task Force uses its revolutionary Pathfinders' Eureka software that allows field responders to collect data from simple cell phones in a standardized format, even in a 100% disconnected environment (no cellular, wireless, or internet service & no electricity). All responders are GPS tracked and generate a history bread crumb trail that displays submitted data.

Pathfinders Task Force is a Mass Care, Typed resource under the Florida Division of Emergency Management. The two, PTF Type V, Liaison teams which performed these missions consisted of 6 credentialed responders. Personnel on this PTF team were deployed into the 2010 Haitian Earthquake, the BP Oil Spill, the 2011 Japanese Earthquake, and the 2011 Mississippi floods and tornadoes.

