



Hurricane Ophelia

Overview

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North Carolina Division of Coastal Management

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Presentation Overview

- Storm Recap
- Post-Storm Response
- Post-Storm Issues

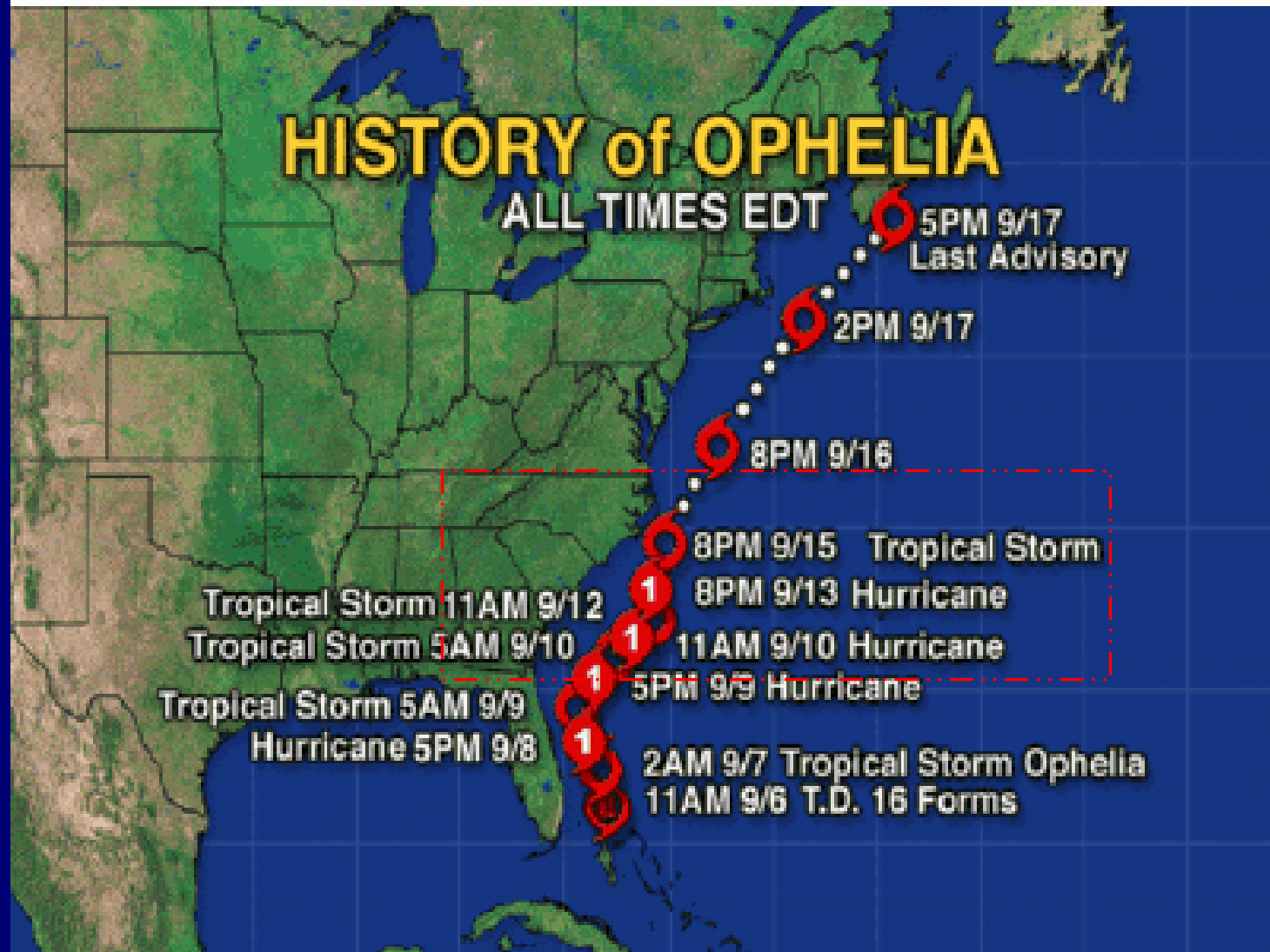


Damaged estuarine structures

Ophelia's Path

9:08PM EDT 18-SEP-2005

- Maximum sustained winds: 85 mph
- Stalled 235 miles south of Cape Hatteras
- Northern eye wall brushed Cape Fear on 9/14/05 and slowly moved parallel with NC coast



Most Affected CAMA Counties

- Brunswick
- New Hanover
- Pender
- Onslow
- Carteret



Salter Path, Carteret County

Damage to piers, docks, bulkheads, waterfront buildings



*Island Harbor Marina - Emerald Isle,
Carteret County*

Typical damages consisted of damaged or destroyed estuarine structures. Some soundside erosion occurred in central coastal region and beach erosion in the southern region.

DCM Post-Storm Response

Preparing for and responding to disaster response

Following is a discussion of the tools and instruments DCM took to assist property owners adversely affected by storm damages



Expedited Major Permit under N.C. General Statute 113A-118(f)

- Issued as a result of storm and situations in which life or structural property is in imminent danger
- Conditioned to protect public interest and fragile coastal resources



15A NCAC 7H.2500 Emergency Permit

- Secretary activated the CAMA Emergency General Permit to assist those adversely affected by storm damages
- One time per property permit fee waived
- Expedited permitting/reconstruction response
- Effective in responding to those affected by storm damages.

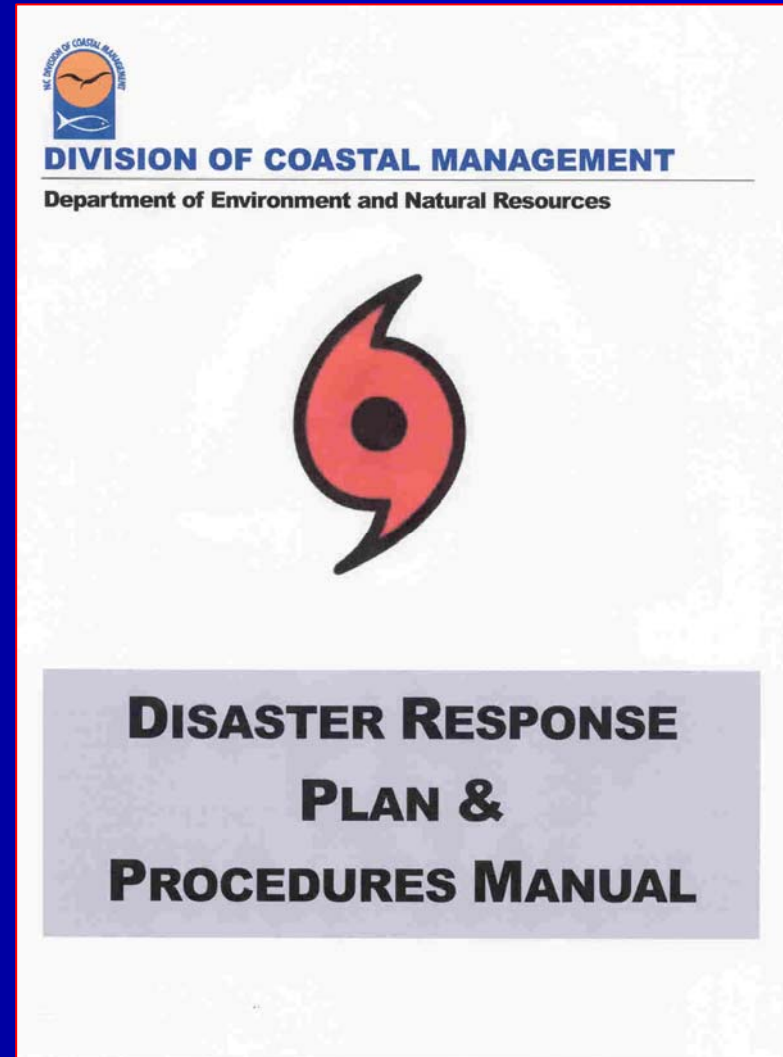


DCM prioritized permits already in process for beach restoration projects



DCM Disaster Response and Procedures

DCM staff followed protocol in the Division's Disaster Response Plan and Procedures Manual



DCM Disaster Response and Procedures

Manual provided guidance in:

- Administrative procedures
- Staff roles and responsibilities
- Permitting issues
- Post-storm procedures



Post-Storm Issues

- Piers, docks, and bulkheads damaged or destroyed; shoreline erosion
- CAMA Emergency General Permit activated
- Repair vs. replacement issues
- Beaches vulnerable due to lower profile
- Evaluation of DCM Disaster Response Plan and Procedures

