

COASTAL STORM DAMAGE QUESTIONNAIRE

(Personal Interview)

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COASTAL STORM DAMAGE QUESTIONNAIRE (Residential)

1. Is this your primary residence?

1. NO
2. YES

1a. If not, is it a...

1. Second Home
2. Investment property
3. Other _____

2.. How many years have you owned this house?

_____ YEARS

3. How old is your home?

_____ YEARS OLD

4. Before the flooding from Hurricane _____ or the coastal storm of _____(date(s))_____ had your home ever been damaged by a coastal storm?

(CIRCLE)

1. NO
2. YES

5. Approximately how many times since you've lived here, including Hurricane _____ or the coastal storm of _____(date(s))_____, has your home had coastal storm damage?

_____ TIMES

6. On average, how many months a year do you occupy your home?

_____ MONTHS

7. On average, how many months a year is your home on the rental market?

_____ MONTHS

8. Not counting your attic, garage, or the under portion of an elevated building how many square feet of living area are in your home? (If you are unsure, please give the dimensions.)

_____ SQUARE FEET or (_____ FEET X _____ FEET)

9. What type of foundation does your home have?

_____ Slab

_____ Piling - If so, How many feet do they go below ground? _____ Feet

- How many feet do they elevate the structure above ground? _____ Feet

_____ Concrete Block - If so, How many feet do they go below ground? _____ Feet

_____ Other type of foundation, describe _____

10. If you have an elevated building, is there an under the house enclosure,?

YES

NO

If yes, please indicate the size of enclosed area devoted to each of the following uses:

Finished living area: _____ SQUARE FEET or (_____ FEET X _____ FEET)

Utility, laundry, workshop, or storage area:

_____ SQUARE FEET or (_____ FEET X _____ FEET)

Garage: _____ SQUARE FEET or (_____ FEET X _____ FEET)

Other: Please describe: _____

_____ SQUARE FEET or (_____ FEET X _____ FEET)

11. Please note any long-term flood proofing method, which may be used on this property.
(Check all that apply.)

Long-Term Flood Proofing Method	Original Construction	Retrofitted (after original construction)	Was Method Effective?
Elevated Construction			
Reinforced piling			
Extended piling			
Bracing			
Sandbagging?			
Sealant or Shield What type? _____			

12. Please indicate which utilities are elevated in your home in order to prevent flood damage and also indicate whether the elevating was effective:
(Please check all that apply.)

Utility	Elevated	Was method effective?
Air Conditioner	Yes No	Yes No
Furnace	Yes No	Yes No
Washer/Dryer	Yes No	Yes No
Water Heater	Yes No	Yes No
Other:	Yes No	Yes No

13. Other than in the under the house enclosure, do you have a garage on this property?
(CIRCLE)

1. NO (Skip to 13)
2. YES

13a. Is the garage attached to the structure? **(CIRCLE)**

1. NO
2. YES

13b. How large is the garage in square feet? (If you are unsure, please give the dimensions.)

_____ SQUARE FEET Or (____ Feet X ____ Feet)

14. Where is your home situated? (pick one)

- Oceanfront, if so how many feet is your home from the ocean at mean high water line? _____ Feet
- First row behind oceanfront
- Ocean Block
- Sound or Back Bay
- Interior

PART II – EMERGENCY RESPONSE

The next group of questions is to determine how you learned about the approaching flood and how you responded at the time.

15. What actions, if any, did you take to safeguard your property immediately prior to flooding and what were the damages prevented by each action?

(PLEASE CIRCLE ALL THAT APPLY AND INDICATED THE DOLLARS DAMAGES PREVENTED FOR EACH ACTION.)

Damage Preventive Action	\$ Damage Prevented	Hours Spent on Damage Prevention	Cost of Materials for Prevention
1. Moved contents to higher ground			
2. Elevated contents to a higher spot in the building			
3. Turn off electrical equipment			
4. Sandbagged the outside of the building			
5. Used another type of temporary barrier			
6. Moved vehicles to higher ground			
7. Other action _____			
8. None			

PART III - COSTS AND DAMAGES

The next group of questions is to determine damages to different types of property from the Hurricane _____.

16. Please indicate how high in feet and inches did any standing water get relative to the first floor of the inside of your home?

_____ FEET; _____ INCHES (ABOVE, BELOW) FIRST FLOOR LEVEL

[CIRCLE]

17. Please indicate how high in feet and inches did any waves get relative to the first floor of your home?

_____ FEET; _____ INCHES (ABOVE, BELOW) FIRST FLOOR LEVEL

[CIRCLE]

18. Please indicate the primary sources of damage to your home, excluding wind damage?

(CIRCLE ONE)

1. STORM SURGE (a sudden flow of water associated with a storm event)
2. WAVE RUNUP (the rush of water up a structure, associated with the breaking of a wave)
3. INUNDATION (the buildup of water overflow or ponding)
4. EROSION
5. OTHER

19. Did the flooding make it necessary for you or other occupants of your home to stay in temporary residence due to evacuation or while your home was being repaired?

(CIRCLE)

1. NO (Skip to 19)
2. YES

19a. How many days did you or other occupants of your home to spend in temporary residence due to the evacuation or while flood damage to your home was being repaired?

_____ DAYS

19b. How much money did your household spend on travel, beyond your normal travel expense, and lodging due to your evacuation(s) Hurricane _____?

_____ DOLLARS

19c. Due to your evacuation, how much money did your household spend on food in excess of what you normally would have spent?

_____ DOLLARS

20. Was there erosion damage to your lot?

20a. If so, how many square feet of your lot were eroded?

_____ **Square Feet?**

20b. What percentage of the lot directly under your home was eroded?

_____ Percent

20c. If your home was destroyed by erosion, is feasible to build another home on the same lot?

___ Yes ___ No

20d. What were the costs to repair the erosion damage?

\$ _____

21. For each motor vehicle, including sedan, vans, sports utility, sports cars, station wagons, pickup trucks, boats, jet skis, golf carts, and motorcycles located at this residence during the flood, please indicate the dollar value, whether or not it was moved, the amount of damage to the vehicle, if any, and the level, in feet and inches, that the flood water reached above the bottom of the vehicle's wheels.

Motor Vehicle Category and Year (Categories include: sedan, vans, sports utility, sports cars, station wagons, pickup trucks, boats, jet skis, golf carts, and motorcycles)	Dollar Value	Was it Moved to a safe location? (Yes or no)	Dollar Damage	Depth Above Ground At Vehicle
Vehicle 1:				
Vehicle 2:				
Vehicle 3:				
Vehicle 4:				
Vehicle 5:				
Vehicle 6:				

The following questions are to determine the dollar cost and unpaid hours for repair and cleanup of your home, and repair, replacement, and cleanup to the contents of your home that resulted from Hurricane _____.

22. What was the cost of the structural damage to your home? (Structural damage is defined as damage to any building components, including foundation, walls, floors, windows, roof, electrical systems, heating and cooling systems, plumbing, attached carpeting, attached shelves and cabinets, and built-in equipment and appliances.)

\$ _____

22a. Which of the following is the primary source of your structure damage value?
(Circle one)

- a. Contractor estimate (before repairs)
- b. Contractor invoice (after repairs)
- c. Your own assessment
- d. Other _____

22b. What was the dollar cost to you for labor and supplies to clean up your home after the hurricane?

\$ _____

22c. What was the total number of unpaid hours that you and others spent on repair and cleanup to your home?

_____ HOURS

- 23 a. **Please itemize your total structural damages into the following categories.**
- b. Please also itemize any additional time that was spent on repairs other than paid labor hours.

Area of Damage	Value of Damages		
	In % of total Or in dollars		Unpaid Hours to repair or install, in addition to \$ spent
1. Built-in shelves and appliances	%	\$	
2. Electrical	%	\$	
3. Plumbing	%	\$	
4. Exterior walls, windows, doors (painting included), and roofing	%	\$	
5. Footings and foundation	%	\$	
6. Interior doors and walls (painting included)	%	\$	
7. Interior floors, carpet and ceilings	%	\$	
8. Mechanical systems - heat, A/C, sump pump, built-in vacuum	%	\$	
9. Porches and decks	%	\$	
10. Chimneys and fireplaces	%	\$	
12. Garages and outbuildings	%	\$	
13. Outside property and landscaping	%	\$	
14. Septic, sewer, and water systems	%	\$	
Total	100 %	\$	

23. What was the dollar cost of damage to the contents of your home, garage, and shed, excluding motor vehicles? (Only include content replacement and repairs, do not include repairs to the structure of the house).

\$ _____

(Content damage refers to damage to personal property kept inside the home or the garage that is not permanently affixed to the home.)

24. What was the total number of unpaid hours that you and others spent on repair of appliances, furniture, and other contents of your home?

_____ HOURS

25. How much, if anything, did each of the following cost you in actual dollar expenditures as a result of Hurricane _____?

a) Costs for moving furniture and other belongings? \$ _____

b) Costs for storing furniture and other belongings? \$ _____

c) Vandalism, looting, or theft costs? \$ _____

d) Costs from flooding-related medical problems? \$ _____

e) Any other costs due to Hurricane _____. \$ _____

Describe: _____ \$ _____

_____ \$ _____

26. Is there a swimming pool on your lot?
____ Yes ____ No, Go to Question 32

27. Was your swimming pool damaged by Hurricane _____?
____ Yes ____ No, Go to Question 32

28. What were your repair costs from Hurricane _____ associated with your swimming pool? (If the pool was destroyed, please estimate the replacement cost.)

\$ _____

29. What are the dimensions of your swimming pool?

Size Range of Depth
____ feet X ____ feet ____ feet at shallowest point ____ feet at deepest point

30. Is your swimming pool on the oceanfront side of your home?

____ Yes ____ No

31. List any valuable extras associated with your swimming pool, such as hot tub, tile works, etc. that may have been damaged by Hurricane _____.

Item \$ Damage _____

32. What is the five-digit zip code of this home?

33. What category best describes the style of this building?

(CIRCLE)

- | | | |
|----------------|---------------------------|----------------------------|
| 1. One-Story | 5. 1-1/2 Story Finished | 9. 3-1/2 Story Finished |
| 2. Two-Story | 6. 1-1/2 Story Unfinished | 10. 3-1/2 Story Unfinished |
| 3. Three-Story | 7. 2-1/2 Story Finished | 11. Bi-Level |
| 4. Split Level | 8. 2-1/2 Story Unfinished | |

34. What category best describes the heating and cooling system in this building?

(CIRCLE)

Heating Only:

- | | |
|------------------------------------|------------------------------|
| 1. Forced Air | 6. Ceiling, Radiant Electric |
| 2. Gravity Furnace | 7. Baseboard, Electric |
| 3. Floor Furnace | 8. Baseboard, Hot Water |
| 4. Wall Furnace
(No Heat Ducts) | 9. Radiators, Hot Water |
| 5. Floor, Radiant Hot Water | 10. Radiators, Steam |

Heating and Cooling:

- 11. Warmed and Cooled Air
- 12. Heat Pump System

Cooling Only:

- 13. Evaporative Water Cooler (Single or Short Ducts)
- 14. Refrigerated, with Condenser and Ducts

35. What is the primary exterior wall covering on this building?

(CIRCLE)

- | | | |
|------------------------|----------------------|--------------------|
| 1. Plywood | 4. Siding | 7. Common Brick |
| 2. Hardboard
Sheets | 5. Shingle | 8. Face Brick |
| 3. Stucco | 6. Masonry
Veneer | 9. Stone |
| | | 10. Concrete Block |

36. What is the primary roof covering of this building?

- | | | |
|--|---------------------|------------------|
| 1. Composition Shingle | 5. Concrete Tile | 10. Plastic Tile |
| 2. Built-up Rock | 6. Clay Tile | |
| 3. Wood Shingle
(Embedded in Asphalt) | 7. Galvanized Metal | |
| 4. Wood Shake | 8. Slate | |
| | 9. Composition Roll | |

37. How many fireplaces are in this home?

_____ FIREPLACES

38. How many square feet of each of the following types of porches are there in this home? (If you are unsure of square feet, please give dimensions.)

Slab _____ SQUARE FEET
Or (_____ Feet X _____ Feet)

Slab with Roof _____ SQUARE FEET
Or (_____ Feet X _____ Feet)

Wood Deck _____ SQUARE FEET
Or (_____ Feet X _____ Feet)

Enclosed Slab Porch _____ SQUARE FEET
Or (_____ Feet X _____ Feet)

Enclosed Wood Porch _____ SQUARE FEET
Or (_____ Feet X _____ Feet)

39. Do you have an elevator in your home?

___ Yes ___ No