



Integrated Ecosystem Restoration and Hurricane Protection: Louisiana's Comprehensive Master Plan for a Sustainable Coast

Appendix F: Economic Analysis and Consequences

**Coastal Protection and Restoration Authority
of Louisiana**

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1.0 Introduction

This appendix presents a description of the economic consequences of a 1 percent chance and a 0.2 percent chance of hurricane surge under existing conditions and with the various alternatives for hurricane protection considered in the “Comprehensive Coastal Protection Master Plan for Louisiana.” The appendix includes the methodology used to determine economic consequences under Pre-Hurricanes Katrina and Rita conditions. The evaluation uses the year 2006 price levels. This evaluation area includes the portions of 24 parishes in south Louisiana at risk from flooding from 1 percent chance and 0.2 percent chance hurricanes (see Appendix E).



2.0 Residential Structures, Non-Residential Structures, Contents, and Vehicles

Elevation-damage relationships for residential structures, non-residential structures, contents and vehicles were derived using a customized GIS application similar to the one used by the Interagency Performance Evaluation Team for the Hurricane Katrina IPET Report (USACE, 2006). The model was used to develop a water elevation-damage relationship for each census block in the evaluation area. Inputs to the model include number and depreciated exposure values of residential and nonresidential structures and contents, depreciated exposure values of vehicles, ground and first floor elevation data, and depth-damage relationships.

2.1 Structure Inventory and Valuation

The general building stock portion of the HAZUS-MH flood model, MR2 Release 44 (© 2006, FEMA), a multi-hazard loss estimation model developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS), was used as a proxy for the structure inventory of the evaluation area. The model provides the total square footage, building count, and the total depreciated exposure value for residential occupancies by census block. The HAZUS-MH model combines data from the 2000 Census and data from the Department of Energy building characteristic reports to assign a total square footage to each of six residential occupancy categories: single-family dwellings, manufactured housing/mobile homes, multi-family dwellings, temporary lodgings, institutional dormitories, and nursing homes.

The HAZUS-MH model combines the square footage for each residential occupancy category with the average age of the buildings in the area and uses a depreciation schedule to compute the depreciated exposure value for that category. These values, which were expressed in 2005 price levels and updated to 2006 price levels using the Marshall and Swift Valuation Service were entered into the GIS model by census block. The number and size of buildings that were provided by the HAZUS-MH model for each residential occupancy category, were entered by census block, also. Based on this information, the depreciated exposure values were increased by 5 percent to reflect the change in prices.

The depreciated exposure values were also adjusted to reflect the underestimation of the HAZUS-MH data as noted in the IPET Report. In that report, the total depreciated exposure value for each census block was compared to the depreciated replacement cost for residential structures as calculated by Corps personnel in previous studies in south Louisiana using field surveys and the Marshall and Swift Valuation Service. The sampled depreciated replacements costs were found to be approximately 16 percent higher than the depreciated exposure values calculated by the HAZUS-MH program. To account for this underestimation, the depreciated exposure values calculated within the HAZUS-MH program were increased by 16 percent.

The GIS model was used to allocate the depreciated exposure values calculated for the residential occupancy category “single-family dwellings” within each census block, among one-story and two-story structures with pier and slab foundations. The estimated percentage of one and two-story residential structures in each parish of the study area was provided by emergency management officials. This step was necessary in order to apply the depth-damage relationships to the different types of single-family dwellings.

It should be noted that the temporary lodgings, institutional dormitories, and nursing homes are normally valued as non-residential structures in Corps studies. In this analysis they were processed as residential structures in the GIS model. Each of these buildings was assigned to the public damage category, and the public occupancy



classification was used to calculate the damages. The average depreciated replacement cost calculated for the public occupancy classification was used for these buildings. The damages for these buildings are displayed in the GIS model as part of the multi-family damage category.

The non-residential structure inventory was compiled using databases obtained from the Louisiana Department of Labor (LDOL) and the Louisiana State University GIS Department. The LDOL database provided a geo-referenced latitude/longitude coordinate for each business property in the study area that had been registered for unemployment insurance. The latitude/longitude coordinates were used in the GIS model to relate the location of each business property to a census block in the study area. The LDOL database provided a North American Industry Classification System (NAICS) code, which describes the type of business occupancy at each location, along with the number of employees. The total wages paid for the second quarter of 2005 (pre-Katrina conditions) for each business unit were also obtained from that data base. Since many small businesses operate out of residential structures, and these structures were included in the residential inventory, only the businesses that employed more than one person were included in this analysis.

The NAICS codes were grouped into four general damage categories (commercial, industrial, agricultural, and public). Each was then assigned to one of eight non-residential occupancy classifications. The eight non-residential occupancy classifications include: eating and recreation, groceries and gas stations, professional buildings, public and semi-public facilities, repairs and home use, retail and personal services, warehouse and contractor services, and industrial facilities. An average depreciated replacement cost using 2006 price levels was calculated for each occupancy classification, except for industrial facilities, based on previous feasibility studies conducted by New Orleans District using the Marshall and Swift Valuation Service. Since the previous feasibility studies did not include a significant number of industrial properties, the Dun and Bradstreet database within the HAZUS program was used to determine the average depreciated replacement cost of industrial buildings.

The LDOL database provided only a single latitude/longitude coordinate for the central reporting office of the schools, post offices, and churches. In order to have a separate location and value for each individual school, church, and post office in the study area, a separate database was obtained from Louisiana State University. The community layer within the LSU GEOLAGIS database provided a geo-referenced latitude/longitude coordinate for each school, church, and post office in the study area and a description of the facility. Each of these buildings was assigned to the public damage category and the public occupancy classification to calculate the damages. The average depreciated replacement cost calculated for the public occupancy classification was used for these buildings.

The following structure values were assigned to each of the non-residential occupancy categories in the GIS Model

Eating & Recreation	\$ 166,644
Groceries and Gas Stations	\$ 151,613
Professional Buildings	\$ 503,583
Public and Semi-Public	\$ 699,987
Repair and Home Use	\$ 111,812
Retail and Personal Services	\$ 263,369
Warehouses and Contractor Services	\$ 241,252
Industrial Buildings	\$2,728,950



2.2 Residential and Non-Residential Contents Valuation

The contents for residential and non-residential structures were evaluated based on limited field surveys and the experience of a building and insurance panel of experts for three previous studies in the New Orleans District. These studies were Jefferson and Orleans Parishes Feasibility Study in 1996, Lower Atchafalaya Reevaluation and Morganza to the Gulf, Louisiana Feasibility Studies in 1997, and Donaldsonville to the Gulf, Louisiana Feasibility Study in 2006. The value of the contents of each structure category were totaled and then compared to the total value of a structure in order to develop the contents-to-structure value ratios (CSVs).

The CSVs and depth-damage relationships developed for the Jefferson and Orleans Studies were applied to residential and non-residential structures located between the Mississippi State Line and the Mississippi River and for all of Jefferson and Orleans parishes on the West Bank. The CSVs and depth-damage relationships developed for the Donaldsonville to the Gulf Study were used for the remainder of Planning Unit 2. The relationships developed for the Lower Atchafalaya Reevaluation and Morganza to the Gulf Studies were used for Planning Units 3A, 3B, and 4. The CSVs developed for each of the four residential structure categories and eight non-residential occupancy classifications for the three feasibility studies are shown below:

2.3 Jefferson and Orleans Area

Residential:

One-story	69%
Two-story	59%
Mobile home	79%
Multi-family residence	37%

Commercial:

Eating and Recreation	114%
Grocery and Gas Station	127%
Professional building	43%
Public and Semi-public Building	114%
Repairs and Home Use	206%
Retail and Personal Services	142%
Warehouse and Contractor Services	168%
Industrial	168%

2.4 Donaldsonville to the Gulf Area

Residential:

One-story	69%
Two-story	67%
Mobile home	112%
Multi-family residence	27%

Commercial:

Eating and Recreation	83%
Grocery and Gas Station	397%



Professional building	44%
Public and Semi-public Building	79%
Repairs and Home Use	74%
Retail and Personal Services	367%
Warehouse and Contractor Services	256%
Industrial	256%

2.5 Lower Atchafalaya and Morganza to the Gulf Area

Residential:

One-story	71%
Two-story	50%
Mobile home	148%
Multi-family residence	23%

Commercial:

Eating and Recreation	306%
Grocery and Gas Station	128%
Professional building	78%
Public and Semi-public Building	82%
Repairs and Home Use	251%
Retail and Personal Services	148%
Warehouse and Contractor Services	372%
Industrial	372%

The GIS model used the CSVs as a percentage of the total depreciated exposure value or total depreciated replacement cost to determine the total value of the contents for each residential and non-residential occupancy classification. The CSV calculated for warehouses and contractor services was also assigned to the industrial non-residential occupancy classification.

2.6 Ground Elevations

Topographical data obtained from the Lidar digital elevation model (DEM) using the NAVD88 (2004.65) epoch were combined with census block boundaries obtained from the 2000 Census using GIS mapping to determine the mean ground elevation for each census block in the IPET study area. For the portion of the evaluation area outside of the IPET study area, unadjusted NAVD88 datum was used to determine the mean ground elevation for each census block.

2.7 First Floor Elevations

An average height above ground was assigned to the residential structures in each census block based on interviews with parish emergency management personnel. These officials were asked to estimate the percentage of residential structures with pier foundations and with slab foundations and to estimate the average height above ground level for each type of foundation. Mobile homes were assigned an average foundation height of 2.0 feet above ground level based on previous studies. An average height of 1.5 feet above ground was assigned to all



non-residential properties in the study area based on the information obtained during the interviews with parish emergency management.

2.8 Vehicles

Damages to private automobiles are based on the number of automobiles directly impacted per household. The elevation of each automobile is determined by the corresponding ground elevation near the structure. Automobile damages are then calculated by correlating the depth of flooding to the depth-damage relationships for vehicles.

Census data were used to determine the average number of privately owned vehicles per household (owner occupied housing or rental unit) within each census block group in the study area. This relationship was used in the GIS model to determine the average number of vehicles per household within each census block. Based on the Southeast Louisiana and Mississippi Clearance Time Updates for the 2006 Hurricane Season Final Report (prepared by Federal Emergency Management Agency and U.S. Army Corps of Engineers, New Orleans District dated June 1, 2006), and the Southwest Louisiana Hurricane Evacuation Report (prepared by Federal Emergency Management Agency and U.S. Army Corps of Engineers, New Orleans District dated 2003), between 65 and 80 percent of the privately owned vehicles in Southeast Louisiana were used for evacuation from Hurricane Katrina. For this analysis, it was assumed that the average household would use 70 percent of its vehicles to evacuate during a storm event, while the remaining 30 percent of its vehicles would remain parked at the residence.

Residential automobile damages were based on the number of privately owned vehicles not used for evacuation. Each of these vehicles was assigned an average value of \$12,217 as reported by the Manheim Used Vehicle Value Index, which is based on over 4 million automobile transactions conducted each year that has been adjusted to reflect the retail replacement value. The depth-damage relationships for vehicles that were developed based on interviews with the owners of automobile dealerships that had experienced flood damage. These interviews were conducted as part of the depth-damage reports and were used to calculate flood damages to vehicles at the various levels of flooding. It was assumed that each automobile was parked one foot below the elevation of slab houses and parked at the ground elevation of houses built on piers.

Commercial vehicle damages were based on the number of commercial licenses as reported by the Louisiana Department of Motor Vehicles for Jefferson and Orleans parishes for October 1999 and the total number of business units for each parish at the end of the third quarter of 1999. Based on these data, it was determined that there was an average of 1.6 vehicles associated with each business unit in the study area. It was assumed that since the business owners were using their privately owned vehicle for evacuation, all commercial vehicles would remain parked at the business. The ground elevation assigned to these vehicles was the same as the ground elevation assigned to the business property. The Manheim average value, \$12,217, and the vehicle depth-damage relationships were used to derive the potential damages to commercial vehicles.

2.9 Depth-Damage Relationships

Damages from flooding were calculated for residential and non-residential buildings, their contents, and vehicles based on the depth-damage relationships developed by a panel of building and construction experts for the Jefferson and Orleans Parishes Feasibility Study in 1996, the Lower Atchafalaya Reevaluation and Morganza to the Gulf, Louisiana Feasibility Studies in 1997, and the Donaldsonville to the Gulf, Louisiana Feasibility Study in 2006. Salt-water, long-duration (one-week) depth damage curves were used to indicate the percentage of the structural value that was damaged at each depth of flooding. Damage percentages were determined for each one-



half foot increment from one foot below first-floor elevation to two feet above first floor, and for each 1-foot increment from 2 feet to 15 feet above first-floor elevation.

Depth-damage relationships were developed for one-story and two-story residential structures, mobile homes, and non-residential structures, their contents and vehicles. The panel of experts developed depth-damage relationships for four residential structure categories (one-story, two-story, mobile homes, and multi-family dwellings) and for three commercial structure categories (masonry, wood or steel frame, and metal frame). Depth-damage relationships were also developed for the four residential content categories and for seven commercial content categories. The non-residential depth-damage relationships were assigned to the appropriate structure and content damage category based on the NCAIS code and occupancy classification.

2.10 Stage or Water Elevation-Damage Relationships

Inputs to the GIS model have thus far included elevation data, structure inventory and valuation data, and depth-damage relationships. The model used these inputs to generate a water elevation or stage-damage relationship for each census block. Potential flood damages are calculated at one-foot increments from the beginning damage elevation to an elevation where damages for all the structural categories have reached a maximum. In order to insure that this maximum had been reached, the maximum height of a slab foundation or of a pier foundation in each census block was added to the maximum depth of flooding (15 feet) included in the depth-damage relationships. Damages were calculated for eight general damage categories: single-family residential, multi-family residential, manufactured housing/mobile homes, commercial, industrial, public, agricultural, and vehicles.

The GIS model was used to develop a stage-damage relationship for each of the approximately 64,000 census blocks in the evaluation area. The damages reflect 2006 price levels and have not been adjusted for changes in inventory of residential and non-residential properties and their vehicles that resulted from the devastation caused by Hurricanes Katrina and Rita.

The water/stage elevation data used is described in Appendix E.



3.0 Emergency Costs

Emergency costs are those costs incurred by the community during and immediately following a major storm. They include emergency measures such as sandbagging and police overtime, damages to roads and bridges, and the subsequent cleanup of private and public properties.

A flooded community typically incurs a variety of flood-related costs not associated with structural damages. These include emergency spending by government and non-profit agencies and home and business owners of flooded homes and businesses following a flood event. The first category includes the reduction in the emergency costs of federal, state and local governments, such as debris removal, sandbagging and police overtime, repairs to public property, such as roads and bridges, and overtime for sanitation department employees. The second category includes the reduction of individual evacuation costs including shelter and subsistence expenses. The third category consists of the reoccupation costs required by homeowners in order to move back into their homes. The fourth category consists of commercial clean-up and restoration costs required by business owners in order to become operational once again.

3.1 Reduction of Federal, State, and Local Government Emergency Costs

This category includes emergency costs that would be incurred by federal, state, and local government agencies as a result of a hurricane. The average emergency cost per structure used in this analysis was based on the actual spending by federal agencies following Hurricane Katrina and on the actual spending by state, parish, and municipal entities during and following the May 1995 flood event. According to emergency management officials from New Orleans District, each inundated residential structure created approximately 30 cubic yards of debris and each non-residential structure created approximately 150 cubic yards of debris. The cost to remove this debris ranged from \$15 to \$25 per cubic yard with an average of \$20 per cubic yard. The average cost of debris removal for each residential structure was \$600, while the average cost of debris removal for each non-residential structure was \$3,000.

State, parish, and municipal agencies spent approximately \$24 million on emergency operations during and immediately following the May 1995 flood. This amount divided by the number of structures flooded (40,000) gives the average emergency cost per structure flooded (\$600). When price indexed to current values, this amount was increased to \$850 per structure. The combined federal, state, parish, and municipal spending averaged \$1,450 for inundated residential structures and \$3,850 for inundated non-residential structures.

3.2 Evacuation and Subsistence Costs

Evacuation and subsistence costs that would be incurred by FEMA and by non-profit organizations, such as the American Red Cross and the Salvation Army, and by individual evacuees are also emergency costs occurring because of the threat of a hurricane. These costs include the shelter assistance or lodging, meals, clothing, and miscellaneous supplies, such as toiletries, diapers, first aid kits, bottled water, etc., provided for evacuees, as well as the vehicle operation and maintenance costs incurred by the evacuees. The average evacuation and subsistence cost per evacuated household used in the analysis was based on the average government per diem for lodging and subsistence in Dallas, Houston, Shreveport, Monroe, Little Rock, and Memphis. The average daily hotel rate was calculated to be \$75.33, and the average daily rate for meals prepared outside of the home was determined to be \$47.67 per person. After subtracting out the average daily cost of meals prepared at home per person as reported by the U.S Department of Agriculture (\$8.32), the total daily cost of lodging and additional meal expenditure was found to be \$232.73 per four-member household. The distance that each household drove from coastal Louisiana



to their evacuation destination was assumed to be approximately 350 miles, or 700 miles round trip. According to the Internal Revenue Service (IRS), the operation and maintenance cost, including gasoline, for each vehicle used in the evacuation process was \$0.485 per mile, for a total of \$339.50.

Based on data compiled following Hurricane Katrina, the average inundated household spent three months, or 90 days, away from home. Based on this data, the total evacuation and subsistence costs are estimated to be \$21, 284 per household at risk from the hurricane.

3.3 Reoccupation Costs

Reoccupation costs are the expenses that homeowners must incur in order to make their homes habitable. These costs include the hours that homeowners spend to gut their homes; to contract, supervise, and inspect repairs; to clean and disinfect their homes; and to complete casualty loss forms for flood insurance and other disaster assistance. Data compiled following Hurricane Katrina were used to determine the average cost per square foot to gut a flooded structure. Interviews with former flood victims in the Amite River and Tributaries project area were used to determine the number of hours spent on the remaining tasks.

For the typical residential structure, an average of 1,000 square feet of each inundated residential structure was gutted following Hurricane Katrina. Based on interviews with contractors, the cost of gutting a residential structure ranged from \$2.98 per square foot to \$6.43 per square foot with an average value of \$4.20 per square foot. This results in a cost of \$4,200 for each household at risk.

Based on surveys conducted by the president of the Amite River Citizens Organization, it was reported that each homeowner spent an average of 170 hours cleaning up after the flood. Because the homeowners were forced to forego other activities, including work time, during the flood aftermath, an opportunity cost of \$17.25 per hour was assigned based on the year 2006 average hourly wage for Calcasieu, Cameron, and Vermilion parishes for employees covered under the Louisiana Employment Securities Law. Thus, the total reoccupation costs for each household at risk was \$17.25 x 170 hours, or \$2,933.

When the average cost of gutting a residential structure is added to the average costs incurred by the property owner for repairing and cleaning their home, the most likely reoccupation cost for each residential structure totaled \$7,133.

3.4 Commercial Clean-up and Restoration Costs

Commercial clean-up costs are the expenses that business owners must incur in order to make their businesses operational, including the time that business owners had to spend gutting their establishments. These costs include the cleaning and disinfecting of businesses, returning contents to the facility, removing sandbags, and completing casualty loss forms for flood insurance and other disaster assistance.

For each non-residential structure, an average of 2,000 square feet was gutted following Hurricane Katrina. Based on interviews with contractors, the cost of gutting a non-residential structure ranged from \$2.98 per square foot to \$6.43 per square foot with an average value of \$4.20 per square foot. Thus, the most likely gutting cost per non-residential structure totaled \$8,400.

The average clean-up costs per structure flooded used in this analysis were based on a survey of 21 commercial business owners in Jefferson Parish after the May 1995 flood event. An average of approximately \$5,525 per



non-residential structure was spent by each of these businesses immediately following the flood. When price indexed to current values, this amount was increased to \$7,845 per non-residential structure.

When the average cost of gutting a non-residential structure is added to the average costs incurred by the property owner for repairing and cleaning their business, the reoccupation cost for each non-residential structure totaled \$16,245.



4.0 Infrastructure Costs

Infrastructure damages or costs are based on data from Hurricane Katrina taken from the IPET Report, and the following description of the development of these damages was also taken from that report.

Infrastructure damage was an important source of direct economic losses from Hurricane Katrina. These damages were estimated as (to the extent information was available) monetary costs for damages, measured by the cost of repair or replacement of significant infrastructure assets. As with other investigations for direct damages or costs attributable to Hurricane Katrina within the framework for IPET studies, the area of consideration was primarily limited to the five (5) parish area of Orleans, St. Bernard, Plaquemines, Jefferson, and St. Charles parishes.

The estimation of impacts to infrastructure from Hurricane Katrina is difficult to estimate for some categories of infrastructure due to the follow-on occurrence of Hurricane Rita. Most impacts from Hurricane Rita were incurred in areas west of the New Orleans metropolitan area with some additional damages imposed by associated rainfall and flooding due to weakened levees and previously saturated ground areas. Available information indicates that for the five (5) parishes, infrastructure damages were due mostly to Hurricane Katrina.

A primary objective for IPET studies was to estimate damages based on effects of flooding but acknowledge other effects such as wind and rainfall associated with hurricane conditions. For some infrastructure items, this posed little difficulty but for others it was extremely difficult or simply not practical. In the case of electrical utilities, a significant loss was due to the downing of utility poles and supported transmission lines plus the destruction of substations. Certainly, some of the loss of utility poles and lines was due to wind alone. In other cases, the saturation of soils compromised the foundational support and led to toppling of above-ground lines.

To provide some context of the magnitude of overall hurricane impacts to infrastructure, statistics on electric service were obtained from Entergy, the primary regional electric public utility. The net total loss of customers (households and businesses) across the five parish area as of December 2005 was approximately 32 percent compared to the pre-Katrina levels. St. Bernard Parish incurred the greatest loss of neighborhood occupancy measured by percentages with a loss customers using electricity of over 99 percent from the pre-Katrina level. Orleans Parish exhibits the greatest absolute loss with total customers declining by more than 97,000.

The dollar value of damage to infrastructure primarily is in terms of full replacement or repair costs in 2005 dollars. The assessment of infrastructure direct damage involved internet searches for information in addition to contact with the Federal Emergency Management Agency (FEMA) and various state-level agencies within the State of Louisiana. It also involved direct contact with representatives of municipalities and Parish governments in addition to contact with companies or entities who own or are charged with management and operation of significant infrastructure assets.



The total infrastructure damages from Hurricane Katrina for the five parish area are summarized below:

Infrastructure Category	Low	High
Roads, Pavements, & Bridges	\$890,000,000	\$1,119,000,000
Railroad Line Access	\$48,000,000	\$65,000,000
Regional Airport Facilities	\$67,000,000	\$73,000,000
Electrical Distribution & Transmission Grid	\$860,000,000	\$980,000,000
Gas (line) Distribution	\$490,000,000	\$515,000,000
Drainage, Sewage, & Potable Water Services	\$690,000,000	\$740,000,000
Telecommunication Networks	\$290,000,000	\$320,000,000
Public Transit (Vehicles & Equipment)	\$690,000,000	\$730,000,000
Waterborne Navigation	\$140,000,000	\$170,000,000
Repair to Floodwall Systems	\$1,800,000,000	\$2,000,000,000
Total	\$5,965,000,000	\$6,712,000,000

This data indicates that Hurricane Katrina caused an estimated \$6.0 to \$6.7 billion dollars in damage to infrastructure in the area. The categories with the most damages are levees and floodwalls, roadway networks and assets of the regional electrical transmission grid. Together, hurricane-related flooding damages to these categories of infrastructure total \$3.6 to \$4.1 billion dollars.

For this study, all categories of infrastructure from the IPET Report except “Repair to Floodwall Systems” were used and the average damages converted to a per capita value. “Repair to Floodwall Systems” was not used because it was assumed that the repair performed to these floodwall and levees, and the new construction, would be performed in such a manner that they would not be damaged from future hurricanes. The per capita values derived from the IPET Study were applied to the population at risk in the evaluation area to estimate infrastructure damage. The infrastructure damage for the evaluation area was estimated to be \$3,181 per capita for the population at risk.

4.1 Agricultural Crop Damage

Agricultural crop damages were calculated on cropland acres in each census block obtained from the HAZUS database. A damage-per-cropland-acre was calculated based on acres of each crop by parish from the National Agricultural Statistics Service (NASS) and crop budgets and damage estimates from Katrina and Rita provided by the LSU Agricultural Center. An average damage of \$166 per cropland acre was used to estimate damages to agricultural crops.



5.0 Storm Consequences

5.1 General

Consequences of hurricane surge elevations having probabilities of 1 percent and 0.2 percent of being equaled or exceeded in any given year were estimated under existing conditions and for Alternative 1, Alternative 2, and the Draft Master Plan Alternative for each of the Concentrated Asset (CA) and Distributed Asset (DA) areas in the five Planning Units (see Appendices B, D, and H). Damages to structures, contents, and vehicles were estimated based on the elevation-damage relationships developed in using the HAZUS database discussed earlier in this section. These elevation-damage relationships were combined with storm surge elevations for each census block for the 1 percent chance and 0.2 percent chance storms to develop damages to residential and non-residential structures and contents and vehicles for each CA and DA for each storm. Damages were aggregated into CAs and DAs based on the location of the centroid of the census block.

Damages associated with emergency costs, infrastructure damage, and agricultural crop damage were estimated based on the number of structures, population, and cropland acres in each census block within each CA and DA. Since the damages to structures, contents, and vehicles from the 1 percent chance storm were approximately 75 percent of the damages from the 0.2 percent chance storm, emergency costs, infrastructure damage, and agricultural crop damage for the 1 percent chance storm were assumed to be 75 percent of the damages from the 0.2 percent chance storm.

5.2 Existing Conditions

For Planning Unit 1, it was assumed that under existing conditions, levees were in place to protect from the 1 percent chance storm for (1) Jefferson Parish/New Orleans East Bank (CA 3d), (2) New Orleans East to Highway 11 (CA 3e), and (3) Lower 9th Ward/St. Bernard Parish (CA 3f). All other areas were considered to be unprotected from the 1 percent chance and 0.2 percent chance storms.

For Planning Unit 2, it was assumed that under existing conditions, levees were in place to protect from the 1 percent chance storm for (1) Metro Area West Bank (CA 1), (2) Upper Plaquemines (CA 2), (3) Lower Plaquemines (CA 3), and (4) South Lafourche (East of Bayou Lafourche) (CA 6). All other areas were considered to be unprotected from the 1 percent chance and 0.2 percent chance storms.

For Planning Unit 3A, it was assumed that under existing conditions, levees were in place to protect South Lafourche (West of Bayou Lafourche) (CA 6) from the 1 percent chance storm. All other areas were considered to be unprotected from the 1 percent chance and 0.2 percent chance storms.

For Planning Unit 3B, it was assumed that under existing conditions, levees were in place to protect Berwick/Patterson (CA 1) from the 0.2 percent chance storm. All other areas were considered to be unprotected from the 1 percent chance and 0.2 percent chance storms.

For Planning Unit 4, it was assumed that under existing conditions, there were no levees in place to protect from the 1 percent chance or 0.2 percent chance storms.

Damages for the 1 percent chance and 0.2 percent chance storms under existing conditions are presented in Tables F-1 through F-10. Houses at risk from the 1 percent chance and 0.2 percent chance storms under existing conditions are presented in Tables E-11 through E-20.



5.3 With Project Conditions

Several alternatives were considered during the plan formulation and selection process. These alternatives were identified as Alternative 1, Alternative 2, and the Draft Master Plan Alternative. In the evaluation of damages and houses at risk under the various alternative scenarios, CAs and DAs were sorted based on the level of protection provided by each alternative. These sorted sets were then identified as protected or unprotected from the 1 percent chance and 0.2 percent chance storms.

Tables F-21 through F-25 provides information as to the level of protection of each CA and DA under the various alternatives.

Damages for the 1 percent chance and 0.2 percent chance storms with Alternative 1 are presented in Tables F-26 through F-35. Houses at risk from the 1 percent chance and 0.2 percent chance storms with Alternative 1 are presented in Tables F-36 through F-45.

Damages for the 1% chance and 0.2 percent chance storms with Alternative 2 are presented in Tables F-46 through F-55. Houses at risk from the 1 percent chance and 0.2 percent chance storms with Alternative 2 are presented in Tables F-56 through F-65.

Damages for the 1 percent chance and 0.2 percent chance storms with the Draft Master Plan Alternative are presented in Tables F-66 through F-75. Houses at risk from the 1 percent chance and 0.2 percent chance storms with the Preferred Alternative are presented in Tables F-76 through F-85.

5.4 Summary of Damages

A summary of all the economic consequences (damages) is presented in Table E-86, and a summary of residences at risk is presented in Table F-87. A summary of economic consequences by category and Planning Unit for existing conditions and all alternatives is presented in Table F-88. Each CA and DA was ranked according to the number of residences at risk. These rankings are presented in Table F-89. Areas with protection from the 1 percent chance and 0.2 percent chance storms under existing conditions are indicated in this table.

5.5 Other Consequences

In addition to the planning Unit specific consequences presented in previous sections of this Appendix, there are other significant economic consequences that accrue to the region and to the Nation from hurricanes in south Louisiana. A study completed by the Waldemar S. Nelson Company titled “Economic Impact Assessment Louisiana Coastal Area Comprehensive Coast/wide Ecosystem Restoration Study,” estimated the direct impacts of coastal erosion on oil and natural gas production, transportation and navigation, commercial fishing, and recreational activities. Another study conducted by Dr. James A. Richardson and Dr. Loren C. Scott titled “The Economic Impact of Coastal Erosion in Louisiana on State, Regional, and National Economics,” takes these economic impacts one step further as it looks at what the ripple effects (multiplier effects) will be throughout the economy. Using input-output models developed by the U.S. Department of Commerce, they estimated the loss of jobs, household earnings, and business transactions for the National economy and specific regions of the U.S. economy if disruptions occurred because of coastal erosion. These same disruptions, especially in navigation and oil and natural gas supplies, could be caused by hurricanes that strike south Louisiana. This was witnessed by the impacts on oil and natural gas after Hurricane Katrina. The following paragraphs discuss disruptions in navigation and oil and natural gas supplies in more detail.



5.6 Navigation

The Nelson study generated scenarios involving a 7-day and a 14-day closure on the lower Mississippi River. The 7-day closure would raise shipping costs \$50 million while the 14-day closure would raise these costs by \$200 million. Using this data as input to their model, Richardson and Loren estimated the following impacts on the economy of the U.S.

Impact of 7-Day Closure

Lost Sales	\$80,000,000
Lost Earnings	\$22,200,000
Lost Employment (jobs)	663

Impact of 14-Day Closure

Lost Sales	\$323,300,000
Lost Earnings	\$ 88,600,000
Lost Employment (jobs)	2,653

5.7 Oil Supplies

The Nelson study generated scenarios where disruptions in the oil industry in Louisiana removed 625,000 barrels per day from U.S. oil supplies. In the case of a 3-week disruption, consumers would pay \$1.74 billion more for oil products, while a 5-week disruption would cause consumers to pay \$2.91 billion more. Using this data as input to their model, Richardson and Loren estimated the following impacts on the economy of the U.S.

Impact of 3-Week Disruption

Lost Sales	\$3,676,100,000
Lost Earnings	\$1,035,600,000
Lost Employment (jobs)	32,390

Impact of 5-Week Disruption

Lost Sales	\$6,148,000,000
Lost Earnings	\$1,732,000,000
Lost Employment (jobs)	54,170

5.8 Natural Gas Supplies

The Nelson study generated a scenario where there would be damage to natural gas pipelines, removing them from service for three weeks and causing natural gas prices to rise by 11.4 percent. The impact on the U.S. economy from such a disruption is shown below.

Impact of 3-Week Disruption

Lost Sales	\$1,803,100,000
Lost Earnings	\$ 455,200,000
Lost Employment (jobs)	12,897



6.0 Summary

It is evident from the data presented in this Appendix, that a 1 percent chance or 0.2 percent chance hurricane in south Louisiana would cause tremendous damages to the properties and people of the local area. These large storms would also result in tremendous losses to the economy of the entire Nation by increasing the costs of goods because of disruptions in navigation and by increasing the costs of natural gas and oil products. Additionally, tremendous burdens are placed on other areas in the region such as Dallas, Houston, Baton Rouge, Shreveport, Monroe, and others by the tremendous number of evacuees that must be provided for because of the need to flee these hurricanes.

Hurricane protection for south Louisiana is critical to the local citizens, the Region, and the Nation. The Master Plan Alternative reduces damages from a hurricane with a 1 percent chance of occurrence by 90 percent and reduces the damages from a 0.2 percent occurrence hurricane by 84 percent. The Master Plan Alternative reduces the number of residences at risk by 96 percent from a 1 percent hurricane and by 80 percent from a 0.2 percent event.



7.0 Tables 1 through 89

Table F-1
Damages to Planning Unit 1
100-Year Storm-Existing Conditions
(Thousands of Dollars)

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
3d	JP/NO Eastbank	\$28,888,196	\$8,300,401	\$1,126,314	\$38,314,910	\$6,055,103	\$1,357,456	\$440	\$45,727,910
3e	NO East to Hwy 11	\$5,144,046	\$670,271	\$138,215	\$5,952,532	\$790,389	\$225,539	\$180	\$6,968,640
3f	Lower 9th/St. Bernard	\$4,710,379	\$698,370	\$136,095	\$5,544,844	\$775,641	\$204,051	\$988	\$6,525,524
	Protected From 100-Year Under Existing Conditions	\$38,742,621	\$9,669,042	\$1,400,624	\$49,812,286	\$7,621,133	\$1,787,046	\$1,608	\$59,222,074
1a	Florida Parishes & Amite River-Walker	\$0	\$0	\$0	\$0	\$8,827	\$2,484	\$84	\$11,394
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	\$12,258	\$2,006	\$647	\$14,910	\$19,745	\$4,270	\$61	\$38,986
2	North Shore	\$2,401,548	\$396,935	\$82,594	\$2,881,078	\$1,357,314	\$355,035	\$1,998	\$4,595,426
3a	Lutcher, Gramercy	\$303,721	\$48,897	\$10,306	\$362,924	\$58,088	\$16,214	\$85	\$437,311
3b	Reserve/LaPlace	\$1,799,741	\$230,446	\$38,892	\$2,069,079	\$319,766	\$92,176	\$960	\$2,481,980
3c	Norce/St. Rose	\$1,310,426	\$271,204	\$32,964	\$1,614,593	\$188,534	\$54,777	\$197	\$1,858,101
4	Plaquemines Eastbank	\$128,126	\$53,325	\$4,010	\$185,460	\$22,830	\$7,169	\$509	\$215,968
DA 1-A		\$507,409	\$115,945	\$17,097	\$640,451	\$310,245	\$81,881	\$4,343	\$1,036,920
DA 1-B		\$333,989	\$23,621	\$7,348	\$364,958	\$56,966	\$9,858	\$119	\$431,900
DA 1-C		\$82,443	\$27,050	\$2,093	\$111,586	\$19,512	\$3,144	\$587	\$134,829
DA 1-D		\$58	\$4,953	\$40	\$5,050	\$53	\$10	\$0	\$5,113
	Unprotected From 100-Year Under Existing Conditions	\$6,879,720	\$1,174,380	\$195,990	\$8,250,090	\$2,361,879	\$627,018	\$8,942	\$11,247,929

**Table F-2
Damages to Planning Unit 2
100-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Metro Area on the West Bank	\$14,177,270	\$2,267,674	\$395,856	\$16,840,799	\$2,205,008	\$607,305	\$731	\$19,653,843
2	Upper Plaquemines Parish	\$191,058	\$76,622	\$5,820	\$273,501	\$63,944	\$9,689	\$576	\$347,709
3	Lower Plaquemines Parish	\$400,626	\$191,635	\$16,534	\$608,796	\$37,704	\$26,112	\$739	\$673,351
6	South Lafourche	\$416,140	\$210,249	\$14,807	\$641,196	\$44,543	\$22,207	\$1,451	\$709,398
	Protected From 100-Year Under Existing Conditions	\$15,185,095	\$2,746,180	\$433,017	\$18,364,292	\$2,351,199	\$665,312	\$3,498	\$21,384,301
4a	Oil and Gas, Fishing, and Tourism Communities	\$243,767	\$66,158	\$3,110	\$313,035	\$32,622	\$3,676	\$92	\$349,425
4b	Oil and Gas, Fishing, and Tourism Communities	\$52	\$0	\$0	\$52	\$103,882	\$0	\$0	\$103,934
4c	Oil and Gas, Fishing, and Tourism Communities	\$231,692	\$56,256	\$7,380	\$295,328	\$42,669	\$12,038	\$35	\$350,071
5	Industrial Communities-Port Fourchon	\$2,063	\$63,464	\$540	\$66,067	\$67	\$60	\$0	\$66,194
7	Central Lafourche	\$61,062	\$25,454	\$2,970	\$89,486	\$4,454	\$10,662	\$1,964	\$106,565
8	River Parishes	\$387,008	\$118,037	\$18,264	\$523,309	\$77,316	\$50,311	\$5,890	\$656,826
9	Upper Lafourche, Assumption, Ascension	\$32,206	\$9,819	\$1,489	\$43,513	\$40,210	\$36,628	\$5,682	\$126,034
10a	Central Basin Communities	\$207,947	\$26,724	\$7,852	\$242,522	\$178,301	\$18,039	\$580	\$439,442
10b	Central Basin Communities	\$90,431	\$43,316	\$6,466	\$140,213	\$129,268	\$10,187	\$850	\$280,518
DA 1-A		\$153,447	\$34,433	\$7,881	\$195,761	\$47,777	\$12,618	\$1,751	\$257,907
DA 1-B		\$736,892	\$57,065	\$14,094	\$808,050	\$81,374	\$24,153	\$591	\$914,168
DA 1-C		\$1,489	\$0	\$51	\$1,540	\$336	\$107	\$409	\$2,393
DA 2-D		\$8,816	\$4,710	\$138	\$13,664	\$2,098	\$165	\$102	\$16,029
DA 2-E		\$2,824	\$0	\$0	\$2,824	\$1,075	\$0	\$83	\$3,982
DA 2-F		\$19,979	\$32,150	\$685	\$52,815	\$5,267	\$520	\$232	\$58,833
DA 2-G		\$14,228	\$20,609	\$271	\$35,109	\$4,660	\$162	\$0	\$39,931
DA 2-H		\$3,227	\$51,127	\$622	\$54,976	\$1,923	\$24	\$65	\$56,988
DA 2-I		\$3,491	\$35,269	\$363	\$39,123	\$1,525	\$124	\$4	\$40,776
	Unprotected From 100-Year Under Existing Conditions	\$2,200,621	\$644,591	\$72,176	\$2,917,388	\$754,825	\$179,475	\$18,330	\$3,870,018

**Table F-3
Damages to Planning Unit 3A
100-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
6	South Lafourche	\$768,829	\$603,207	\$23,584	\$1,395,620	\$128,169	\$33,885	\$1,208	\$1,558,882
	Protected From 100-Year Under Existing Conditions	\$768,829	\$603,207	\$23,584	\$1,395,620	\$128,169	\$33,885	\$1,208	\$1,558,882
1a	Theriot	\$59,168	\$15,714	\$784	\$75,667	\$6,370	\$1,396	\$75	\$83,507
1b	Dulac	\$61,997	\$26,313	\$2,071	\$90,381	\$13,262	\$3,905	\$17	\$107,565
1c	Chauvin	\$306,475	\$110,313	\$9,088	\$425,876	\$52,528	\$15,390	\$286	\$494,081
1d	Montegut	\$93,354	\$19,568	\$2,581	\$115,503	\$14,987	\$4,337	\$142	\$134,970
1e	South of Houma	\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$9
2a	Stephensville	\$9,006	\$826	\$211	\$10,043	\$1,695	\$322	\$31	\$12,092
2b	Amelia	\$28,425	\$4,775	\$1,263	\$34,462	\$8,535	\$2,643	\$1	\$45,642
2c	Gibson	\$13,107	\$8,276	\$535	\$21,919	\$3,054	\$725	\$2	\$25,700
2d	Donner	\$4,978	\$0	\$136	\$5,114	\$874	\$191	\$0	\$6,178
3	Houma	\$2,269,550	\$748,155	\$70,498	\$3,088,203	\$601,869	\$162,083	\$2,426	\$3,854,581
4	Thibodaux	\$38,873	\$12,706	\$2,470	\$54,049	\$207,855	\$54,293	\$774	\$316,971
5	Morgan City	\$570,582	\$468,526	\$27,233	\$1,066,341	\$135,336	\$30,635	\$36	\$1,232,349
7	Central Lafourche	\$341,603	\$55,136	\$11,526	\$408,266	\$146,620	\$39,978	\$2,099	\$596,963
8	North Lafourche, Assumption, & Ascension	\$25	\$0	\$0	\$25	\$68,845	\$19,062	\$2,696	\$90,628
9	Pierre Part	\$68,717	\$8,991	\$2,405	\$80,113	\$31,060	\$7,727	\$21	\$118,921
DA 3A-A		\$563,897	\$108,646	\$14,897	\$687,440	\$126,252	\$27,260	\$0	\$840,951
DA 3A-B		\$348,065	\$133,046	\$13,373	\$494,484	\$98,632	\$27,732	\$2,287	\$623,134
DA 3A-C		\$50,698	\$164,911	\$2,913	\$218,521	\$10,316	\$2,424	\$261	\$231,523
DA 3A-D		\$336,113	\$57,938	\$7,949	\$402,001	\$50,757	\$16,106	\$548	\$469,412
DA 3A-E		\$443,874	\$249,612	\$11,909	\$705,395	\$74,237	\$20,744	\$1,233	\$801,609
DA 3A-F		\$61,172	\$3,193	\$687	\$65,052	\$10,902	\$1,214	\$170	\$77,338
DA 3A-G		\$132,435	75174.60226	\$2,039	\$209,649	\$26,810	\$2,417	\$153	\$239,029
DA 3A-H		\$112	\$0	\$0	\$112	\$22	\$0	\$0	\$134
	Unprotected From 100-Year Under Existing Conditions	\$5,802,227	\$2,271,819	\$184,569	\$8,258,614	\$1,690,818	\$440,586	\$13,269	\$10,403,287

**Table F-4
Damages to Planning Unit 3B
100-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin	Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Berwick/Patterson	\$778,643	\$335,632	\$26,518	\$1,140,792	\$148,707	\$37,802	\$881	\$1,328,183
	Protected From 100-Year Under Existing Conditions	\$778,643	\$335,632	\$26,518	\$1,140,792	\$148,707	\$37,802	\$881	\$1,328,183
2	Hwy 317	\$5,210	\$17,203	\$303	\$22,716	\$23,205	\$5,845	\$108	\$51,874
3	Franklin	\$268,525	\$147,889	\$13,133	\$429,547	\$1,196	\$262	\$521	\$431,527
4	Baldwin	\$41,314	\$1,379	\$1,701	\$44,394	\$78,007	\$19,931	\$352	\$142,684
4a	Avery Island	\$856	\$0	\$23	\$879	\$18,623	\$5,957	\$20	\$25,479
4b	Weeks Island	\$0	\$0	\$0	\$0	\$2,495	\$463	\$58	\$3,017
5	Cherenton	\$271	\$0	\$14	\$285	\$30	\$0	\$9	\$324
6	Jeanerette	\$0	\$0	\$0	\$0	\$16,893	\$4,638	\$306	\$21,837
7	Lydia	\$40,888	\$1,004	\$1,244	\$43,136	\$51,901	\$14,307	\$48	\$109,393
8	New Iberia	\$9,643	\$462	\$244	\$10,348	\$11,884	\$2,574	\$90	\$24,897
9	Loreauville	\$0	\$0	\$0	\$0	\$83	\$77,830	\$82	\$77,995
10	Delcambre	\$116,003	\$61,219	\$4,359	\$181,581	\$6,266	\$2,238	\$7	\$190,091
DA 3B-A		\$513,974	\$175,491	\$17,537	\$707,001	\$1,873	\$83,425	\$15,495	\$807,794
DA 3B-B		\$40,648	\$6,350	\$1,035	\$48,033	\$146	\$1,696	\$1,911	\$51,785
DA 3B-C		\$433	\$16,149	\$149	\$16,731	\$0	\$33	\$197	\$16,962
DA 3B-D		\$1,382	\$0	\$0	\$1,382	\$1,458	\$0	\$0	\$2,840
DA 3B-E		\$50,612	\$10,626	\$431	\$61,669	\$4,498	\$580	\$70	\$66,817
DA 3B-F		\$3,331	\$0	\$4	\$3,335	\$809	\$5	\$0	\$4,149
DA 3B-G		\$221	\$0	\$7	\$229	\$24,467	\$10	\$12	\$24,717
DA 3B-H		\$838	\$6,758	\$54	\$7,650	\$704	\$74	\$13	\$8,440
DA 3B-I		\$5,105	\$0	\$0	\$5,105	\$1,838	\$0	\$0	\$6,942
	Unprotected From 100-Year Under Existing Conditions	\$1,099,255	\$444,528	\$40,237	\$1,584,020	\$246,374	\$219,868	\$19,301	\$2,069,563

**Table F-5
Damages to Planning Unit 4
100-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Lafayette	\$0	\$0	\$0	\$0	\$0	\$0	\$131	\$131
2	Abbeville	\$0	\$0	\$0	\$0	\$0	\$0	\$98	\$98
3	Crowley	\$0	\$0	\$0	\$0	\$0	\$0	\$112	\$112
4	Jennings	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$133
5	Welsh	\$0	\$0	\$0	\$0	\$0	\$0	\$386	\$386
6	Iowa	\$0	\$0	\$0	\$0	\$0	\$0	\$294	\$294
7a	Lake Charles	\$386,065	\$143,606	\$19,756	\$549,427	\$844	\$129,697	\$319	\$680,286
7b	Sulphur	\$0	\$0	\$0	\$0	\$0	\$0	\$164	\$164
8	Vinton	\$0	\$0	\$0	\$0	\$0	\$0	\$67	\$67
9	Cameron	\$10,794	\$8,733	\$360	\$19,887	\$6,796	\$496	\$78	\$27,258
10a	Coastal Communities	\$47,464	\$18,413	\$485	\$66,362	\$8,834	\$499	\$0	\$75,694
10c	Coastal Communities	\$3,477	\$63,640	\$421	\$67,539	\$1,845	\$81	\$42	\$69,507
10d	Coastal Communities	\$13,938	\$20,344	\$367	\$34,648	\$51,181	\$489	\$259	\$86,577
10e	Coastal Communities	\$3,272	\$0	\$95	\$3,368	\$6,446	\$165	\$9	\$9,987
11a	Western Central CZM Communities	\$3,196	\$233	\$136	\$3,565	\$34,101	\$7,990	\$77	\$45,733
11b	Western Central CZM Communities	\$32	\$0	\$0	\$32	\$19,785	\$212	\$18	\$20,047
11c	Western Central CZM Communities	\$3,296	\$0	\$49	\$3,345	\$2,150	\$1,334	\$88	\$6,917
11d	Western Central CZM Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$42	\$42
11e	Western Central CZM Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$105
11f	Western Central CZM Communities	\$28,469	\$2,357	\$1,327	\$32,153	\$1,120	\$2,181	\$89	\$35,543
11g	Western Central CZM Communities	\$8,248	\$17,992	\$318	\$26,558	\$0	\$370	\$31	\$26,959
12a	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$16	\$16
12b	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$130	\$130
12c	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$5
12d	Agricultural & Crawfish Communities	\$4,853	\$0	\$127	\$4,980	\$4,413	\$4,409	\$263	\$14,065
12e	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$133
12f	Agricultural & Crawfish Communities	\$63,699	\$14,786	\$1,694	\$80,179	\$25,483	\$3,078	\$227	\$108,966
12g	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$149	\$149
12h	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$80	\$80
12j	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12k	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$69	\$69
DA 4-A		\$79,272	\$6,484	\$2,419	\$88,175	\$99,285	\$26,780	\$12,390	\$226,630
DA 4-B		\$377,529	\$103,221	\$11,548	\$492,299	\$593,319	\$156,522	\$4,906	\$1,247,045
DA 4-C		\$348,954	\$97,007	\$10,166	\$456,127	\$711,249	\$185,442	\$95,531	\$1,448,350
DA 4-D		\$241,809	\$56,424	\$7,771	\$306,005	\$1,177,897	\$299,371	\$13,297	\$1,796,570
DA 4-E		\$345,358	\$282,605	\$11,280	\$639,242	\$85,097	\$15,808	\$6,845	\$746,993
	Unprotected From 100-Year Under Existing Conditions	\$1,969,726	\$835,845	\$68,319	\$2,873,891	\$2,829,845	\$834,922	\$136,583	\$6,675,240

**Table F-6
Damages to Planning Unit 1
500-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1a	Florida Parishes & Amite River-Walker	\$0	\$0	\$739	\$739	\$11,769	\$3,311	\$112	\$15,932
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	\$48,152	\$8,601	\$1,626	\$58,379	\$26,326	\$5,694	\$81	\$90,479
2	North Shore	\$6,753,941	\$1,062,378	\$141,261	\$7,957,580	\$1,809,752	\$473,381	\$2,665	\$10,243,376
3a	Lutcher, Gramercy	\$347,133	\$63,366	\$5,733	\$416,232	\$77,450	\$21,618	\$114	\$515,414
3b	Reserve/LaPlace	\$2,530,392	\$386,498	\$32,681	\$2,949,571	\$426,354	\$122,901	\$1,280	\$3,500,106
3c	Norce/St. Rose	\$1,590,474	\$337,798	\$22,434	\$1,950,706	\$251,379	\$73,036	\$262	\$2,275,383
3d	JP/NO Eastbank	\$29,381,156	\$8,814,960	\$571,206	\$38,767,322	\$8,073,471	\$1,809,941	\$587	\$48,651,321
3e	NO East to Hwy 11	\$5,158,439	\$676,777	\$62,526	\$5,897,742	\$1,053,852	\$300,719	\$240	\$7,252,553
3f	Lower 9th/St. Bernard	\$4,758,019	\$742,368	\$66,911	\$5,567,298	\$1,034,188	\$272,068	\$1,318	\$6,874,871
4	Plaquemines Eastbank	\$128,759	\$54,937	\$1,925	\$185,621	\$30,440	\$9,559	\$679	\$226,298
DA 1-A		\$823,963	\$181,618	\$26,559	\$1,032,140	\$413,660	\$109,175	\$5,790	\$1,560,766
DA 1-B		\$387,998	\$25,302	\$3,800	\$417,099	\$75,955	\$13,144	\$158	\$506,356
DA 1-C		\$84,405	\$28,112	\$1,123	\$113,640	\$26,017	\$4,193	\$782	\$144,631
DA 1-D		\$64	\$5,810	\$37	\$5,911	\$70	\$13	\$0	\$5,994
	Unprotected From 500-Year Under Existing Conditions	\$51,992,896	\$12,388,525	\$938,558	\$65,319,979	\$13,310,683	\$3,218,752	\$14,067	\$81,863,481

**Table F-7
Damages to Planning Unit 2
500-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Metro Area on the West Bank	\$14,675,131	\$2,445,004	\$203,181	\$17,323,317	\$2,940,011	\$809,739	\$975	\$21,074,041
2	Upper Plaquemines Parish	\$198,275	\$84,004	\$3,252	\$285,531	\$85,258	\$12,918	\$768	\$384,475
3	Lower Plaquemines Parish	\$415,567	\$198,817	\$8,479	\$622,863	\$50,272	\$34,816	\$986	\$708,937
4a	Oil and Gas, Fishing, and Tourism Communities	\$262,732	\$75,480	\$1,756	\$339,967	\$43,495	\$4,902	\$122	\$388,487
4b	Oil and Gas, Fishing, and Tourism Communities	\$166	\$0	\$0	\$166	\$138,510	\$0	\$0	\$138,676
4c	Oil and Gas, Fishing, and Tourism Communities	\$254,570	\$64,105	\$3,754	\$322,430	\$56,892	\$16,051	\$47	\$395,420
5	Industrial Communities-Port Fourchon	\$3,919	\$93,365	\$533	\$97,817	\$90	\$80	\$0	\$97,987
6	South Lafourche	\$496,247	\$249,946	\$8,492	\$754,684	\$59,391	\$29,609	\$1,935	\$845,619
7	Central Lafourche	\$193,283	\$75,676	\$3,826	\$272,786	\$5,939	\$14,216	\$2,619	\$295,559
8	River Parishes	\$826,239	\$276,311	\$18,000	\$1,120,549	\$103,088	\$67,081	\$7,853	\$1,298,571
9	Upper Lafourche, Assumption, Ascension	\$229,839	\$63,891	\$11,047	\$304,778	\$53,613	\$48,838	\$7,577	\$414,805
10a	Central Basin Communities	\$373,771	\$46,894	\$5,841	\$426,506	\$237,735	\$24,052	\$773	\$689,066
10b	Central Basin Communities	\$190,323	\$57,420	\$3,697	\$251,439	\$172,357	\$13,583	\$1,133	\$438,512
DA 1-A		\$243,219	\$48,337	\$4,316	\$295,872	\$63,703	\$16,824	\$2,335	\$378,733
DA 1-B		\$899,049	\$71,055	\$8,530	\$978,634	\$108,499	\$32,204	\$788	\$1,120,125
DA 1-C		\$1,503	\$0	\$22	\$1,525	\$448	\$143	\$545	\$2,661
DA 2-D		\$10,141	\$5,599	\$63	\$15,803	\$2,798	\$219	\$136	\$18,957
DA 2-E		\$3,942	\$0	\$0	\$3,942	\$1,434	\$0	\$110	\$5,486
DA 2-F		\$21,071	\$34,864	\$473	\$56,408	\$7,022	\$693	\$309	\$64,433
DA 2-G		\$21,502	\$29,188	\$214	\$50,904	\$6,213	\$216	\$0	\$57,333
DA 2-H		\$3,649	\$52,314	\$612	\$56,575	\$2,564	\$32	\$86	\$59,257
DA 2-I		\$3,699	\$35,987	\$304	\$39,990	\$2,034	\$165	\$6	\$42,194
	Unprotected From 500-Year Under Existing Conditions	\$19,327,836	\$4,008,259	\$286,391	\$23,622,486	\$4,141,365	\$1,126,383	\$29,103	\$28,919,337

**Table F-8
Damages to Planning Unit 3A
500-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1a	Theriot	\$60,862	\$19,318	\$445	\$80,625	\$8,493	\$1,861	\$100	\$91,079
1b	Dulac	\$63,348	\$29,124	\$895	\$93,368	\$17,682	\$5,207	\$23	\$116,280
1c	Chauvin	\$308,860	\$117,456	\$4,633	\$430,949	\$70,037	\$20,521	\$382	\$521,888
1d	Montegut	\$93,405	\$19,999	\$1,376	\$114,780	\$19,983	\$5,783	\$190	\$140,736
1e	South of Houma	\$0	\$0	\$0	\$0	\$0	\$0	\$11	\$11
2a	Stephensville	\$9,026	\$909	\$119	\$10,054	\$2,260	\$429	\$42	\$12,785
2b	Amelia	\$34,278	\$10,434	\$673	\$45,386	\$11,380	\$3,525	\$2	\$60,292
2c	Gibson	\$13,240	\$11,411	\$294	\$24,945	\$4,073	\$967	\$2	\$29,987
2d	Donner	\$5,168	\$0	\$58	\$5,226	\$1,165	\$254	\$0	\$6,645
3	Houma	\$4,445,058	\$2,133,734	\$75,561	\$6,654,353	\$802,492	\$216,111	\$3,235	\$7,676,191
4	Thibodaux	\$349,748	\$76,968	\$14,370	\$441,086	\$277,141	\$72,390	\$1,033	\$791,649
5	Morgan City	\$669,658	\$710,993	\$17,699	\$1,398,350	\$180,448	\$40,847	\$48	\$1,619,693
6	South Lafourche	\$843,189	\$659,474	\$13,957	\$1,516,620	\$170,893	\$45,180	\$1,610	\$1,734,302
7	Central Lafourche	\$1,000,021	\$268,779	\$14,165	\$1,282,965	\$195,494	\$53,304	\$2,799	\$1,534,561
8	North Lafourche, Assumption, & Ascension	\$6,375	\$641	\$4,227	\$11,243	\$91,793	\$25,416	\$3,595	\$132,047
9	Pierre Part	\$168,457	\$40,389	\$2,978	\$211,824	\$41,413	\$10,303	\$28	\$263,568
DA 3A-A		\$683,609	\$178,270	\$9,108	\$870,987	\$168,335	\$36,346	\$0	\$1,075,668
DA 3A-B		\$630,918	\$229,836	\$9,888	\$870,643	\$131,509	\$36,976	\$3,049	\$1,042,177
DA 3A-C		\$52,743	\$258,363	\$2,261	\$313,368	\$13,754	\$3,232	\$349	\$330,703
DA 3A-D		\$437,837	\$80,848	\$4,894	\$523,580	\$67,677	\$21,475	\$731	\$613,462
DA 3A-E		\$455,267	\$274,043	\$6,262	\$735,572	\$98,983	\$27,659	\$1,644	\$863,858
DA 3A-F		\$61,198	\$3,357	\$357	\$64,912	\$14,536	\$1,619	\$227	\$81,293
DA 3A-G		\$142,622	\$89,425	\$1,311	\$233,357	\$35,747	\$3,222	\$204	\$272,531
DA 3A-H		\$130	\$0	\$0	\$130	\$30	\$0	\$0	\$160
	Unprotected From 500-Year Under Existing Conditions	\$10,535,019	\$5,213,770	\$185,532	\$15,934,321	\$2,425,316	\$632,628	\$19,302	\$19,011,567

**Table F-9
Damages to Planning Unit 3B
500-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Berwick/Patterson	\$841,585	\$470,546	\$15,381	\$1,327,512	\$198,276	\$50,403	\$1,174	\$1,577,366
	Protected From 500-Year Under Existing Conditions	\$841,585	\$470,546	\$15,381	\$1,327,512	\$198,276	\$50,403	\$1,174	\$1,577,366
2	Hwy 317	\$5,327	\$19,835	\$231	\$25,394	\$30,940	\$7,793	\$144	\$64,271
3	Franklin	\$333,593	\$247,659	\$8,034	\$589,286	\$1,594	\$350	\$695	\$591,925
4	Baldwin	\$84,453	\$11,696	\$1,386	\$97,535	\$104,009	\$26,574	\$470	\$228,588
4a	Avery Island	\$1,086	\$0	\$116	\$1,202	\$24,831	\$7,943	\$27	\$34,003
4b	Weeks Island	\$0	\$0	\$0	\$0	\$0	\$0	\$78	\$78
5	Cherenton	\$41,042	\$23,529	\$1,216	\$65,788	\$40	\$0	\$12	\$65,840
6	Jeanerette	\$39,809	\$3,191	\$3,042	\$46,042	\$22,523	\$6,184	\$408	\$75,158
7	Lydia	\$56,272	\$2,361	\$742	\$59,376	\$69,202	\$19,076	\$64	\$147,718
8	New Iberia	\$403,567	\$192,158	\$25,088	\$620,814	\$15,845	\$3,432	\$121	\$640,212
9	Loreauville	\$0	\$0	\$564	\$564	\$110	\$103,774	\$109	\$104,557
10	Delcambre	\$134,143	\$110,016	\$2,605	\$246,764	\$8,354	\$2,984	\$9	\$258,111
DA 3B-A		\$1,279,981	\$554,032	\$28,764	\$1,862,777	\$2,497	\$111,233	\$20,661	\$1,997,168
DA 3B-B		\$41,004	\$7,056	\$545	\$48,605	\$194	\$2,262	\$2,548	\$53,609
DA 3B-C		\$515	\$42,456	\$147	\$43,118	\$0	\$45	\$263	\$43,426
DA 3B-D		\$1,471	\$0	\$0	\$1,471	\$1,944	\$0	\$0	\$3,415
DA 3B-E		\$50,675	\$11,248	\$215	\$62,137	\$5,997	\$773	\$94	\$69,001
DA 3B-F		\$3,331	\$0	\$1	\$3,332	\$1,079	\$6	\$0	\$4,418
DA 3B-G		\$221	\$0	\$3	\$224	\$32,623	\$13	\$16	\$32,876
DA 3B-H		\$855	\$8,443	\$38	\$9,337	\$938	\$99	\$17	\$10,390
DA 3B-I		\$5,107	\$0	\$0	\$5,107	\$2,450	\$0	\$0	\$7,557
	Unprotected From 500-Year Under Existing Conditions	\$2,482,453	\$1,233,681	\$72,739	\$3,788,873	\$325,172	\$292,541	\$25,734	\$4,432,320

**Table F-10
Damages to Planning Unit 4
500-Year Storm-Existing Conditions
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Lafayette	\$0	\$0	\$28,808	\$28,808	\$723,859	\$165,644	\$175	\$918,486
2	Abbeville	\$270,758	\$87,576	\$8,700	\$367,034	\$14,755	\$37,956	\$130	\$419,875
3	Crowley	\$0	\$0	\$4,295	\$4,295	\$1,058	\$25,807	\$150	\$31,311
4	Jennings	\$290	\$0	\$323	\$613	\$3,466	\$1,571	\$178	\$5,827
5	Welsh	\$0	\$0	\$82	\$82	\$1,314	\$407	\$514	\$2,318
6	Iowa	\$29,454	\$2,891	\$1,914	\$34,259	\$45,344	\$8,955	\$392	\$88,950
7a	Lake Charles	\$2,696,782	\$1,450,130	\$66,457	\$4,213,368	\$1,125	\$172,929	\$426	\$4,387,848
7b	Sulphur	\$991,875	\$394,790	\$20,711	\$1,407,375	\$7,736	\$61,234	\$219	\$1,476,564
8	Vinton	\$121,393	\$21,933	\$2,436	\$145,762	\$27,364	\$9,260	\$89	\$182,475
9	Cameron	\$12,084	\$8,733	\$180	\$20,997	\$9,062	\$662	\$104	\$30,824
10a	Coastal Communities	\$68,118	\$18,416	\$275	\$86,809	\$11,778	\$665	\$0	\$99,252
10c	Coastal Communities	\$3,483	\$87,186	\$395	\$91,063	\$2,460	\$108	\$56	\$93,687
10d	Coastal Communities	\$15,683	\$20,344	\$219	\$36,245	\$68,241	\$652	\$346	\$105,484
10e	Coastal Communities	\$3,670	\$0	\$44	\$3,714	\$8,595	\$219	\$12	\$12,541
11a	Western Central CZM Communities	\$81,811	\$25,912	\$2,598	\$110,320	\$45,468	\$10,653	\$103	\$166,544
11b	Western Central CZM Communities	\$5,150	\$836	\$76	\$6,062	\$26,379	\$283	\$24	\$32,749
11c	Western Central CZM Communities	\$31,753	\$1,411	\$458	\$33,622	\$2,867	\$1,778	\$117	\$38,384
11d	Western Central CZM Communities	\$246,195	\$21,246	\$2,373	\$269,814	\$14,068	\$7,160	\$55	\$291,098
11e	Western Central CZM Communities	\$38,217	\$16,045	\$779	\$55,042	\$299	\$2,370	\$140	\$57,850
11f	Western Central CZM Communities	\$47,867	\$3,047	\$701	\$51,615	\$1,493	\$2,907	\$119	\$56,135
11g	Western Central CZM Communities	\$10,348	\$19,385	\$210	\$29,944	\$0	\$493	\$42	\$30,478
12a	Agricultural & Crawfish Communities	\$0	\$0	\$2,903	\$2,903	\$6,541	\$17,244	\$22	\$26,710
12b	Agricultural & Crawfish Communities	\$0	\$0	\$452	\$452	\$161,558	\$2,131	\$173	\$164,314
12c	Agricultural & Crawfish Communities	\$10,495	\$2,211	\$1,811	\$14,517	\$105,831	\$10,357	\$6	\$130,711
12d	Agricultural & Crawfish Communities	\$76,011	\$29,129	\$1,930	\$107,070	\$5,884	\$5,878	\$351	\$119,183
12e	Agricultural & Crawfish Communities	\$8,777	\$0	\$169	\$8,946	\$1,434	\$878	\$177	\$11,435
12f	Agricultural & Crawfish Communities	\$70,322	\$27,493	\$861	\$98,677	\$33,977	\$4,103	\$303	\$137,060
12g	Agricultural & Crawfish Communities	\$0	\$0	\$12	\$12	\$765,565	\$67	\$198	\$765,842
12h	Agricultural & Crawfish Communities	\$0	\$0	\$70	\$70	\$253,711	\$414	\$106	\$254,301
12j	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12k	Agricultural & Crawfish Communities	\$68	\$0	\$304	\$372	\$3,863	\$1,632	\$92	\$5,959
DA 4-A		\$429,582	\$73,596	\$8,325	\$511,503	\$132,380	\$35,707	\$16,520	\$696,110
DA 4-B		\$3,762,341	\$1,114,684	\$60,165	\$4,937,191	\$791,092	\$208,696	\$6,541	\$5,943,519
DA 4-C		\$976,740	\$259,115	\$50,201	\$1,286,057	\$948,332	\$247,256	\$127,375	\$2,609,020
DA 4-D		\$617,906	\$268,625	\$85,244	\$971,774	\$1,570,529	\$399,161	\$17,730	\$2,959,194
DA 4-E		\$426,473	\$311,355	\$6,489	\$744,318	\$113,463	\$21,077	\$9,127	\$887,985
	Unprotected From 500-Year Under Existing Conditions	\$11,053,646	\$4,266,089	\$360,972	\$15,680,707	\$5,910,891	\$1,466,317	\$182,111	\$23,240,026

**Table F-11
Housing Units at Risk
100-Year Storm-Existing Conditions
Planning Unit 1**

Sub-Basin		Housing Units	2000 Population
Number	Name		
3d	JP/NO Eastbank	261,260	568,985
3e	NO East to Hwy 11	34,667	94,536
3f	Lower 9th/St. Bernard	33,944	85,529
Houses Protected by the 100-Year Under Existing Conditions		329,871	749,050
1a	Florida Parishes & Amite River-Walker	386	1,041
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	866	1,790
2	North Shore	58,664	148,815
3a	Lutcher, Gramercy	2,528	6,796
3b	Reserve/LaPlace	13,923	38,636
3c	Norce/St. Rose	8,137	22,960
4	Plaquemines Eastbank	997	3,005
DA 1-A		13,611	34,321
DA 1-B		2,523	4,132
DA 1-C		859	1,318
DA 1-D		1	4
Houses Still At Risk From 100-Year Under Existing Conditions		102,495	262,818

**Table F-12
Housing Units at Risk
100-Year Storm-Existing Conditions
Planning Unit 2**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Metro Area on the West Bank	96,108	254,555
2	Upper Plaquemines Parish	1,418	4,061
3	Lower Plaquemines Parish	4,524	10,945
6	South Lafourche	3,340	9,308
Houses Protected by the 100-Year Under Existing Conditions		105,390	278,869
4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541
4b	Oil and Gas, Fishing, and Tourism Communities	3	0
4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046
5	Industrial Communities-Port Fourchon	180	25
7	Central Lafourche	1,746	4,469
9	River Parishes	7,699	21,088
10	Upper Lafourche, Assumption, Ascension	5,625	15,353
11a	Central Basin Communities	2,815	7,561
11b	Central Basin Communities	1,657	4,270
DA 1-A		2,102	5,289
DA 1-B		3,575	10,124
DA 1-C		15	45
DA 2-D		93	69
DA 2-E		48	0
DA 2-F		221	218
DA 2-G		204	68
DA 2-H		65	10
DA 2-I		58	52
Houses Still At Risk From 100-Year Under Existing Conditions		29,945	75,228

**Table F-13
Housing Units at Risk
100-Year Storm-Existing Conditions
Planning Unit 3A**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
6	South Lafourche	5,543	14,203
	Houses Protected by the 100-Year Under Existing Conditions	5,543	14,203
1a	Theriot	281	585
1b	Dulac	586	1,637
1c	Chauvin	2,304	6,451
1d	Montegut	659	1,818
1e	South of Houma	0	0
2a	Stephensville	75	135
2b	Amelia	377	1,108
2c	Gibson	133	304
2d	Donner	39	80
3	Houma	25,625	67,938
4	Thibodaux	8,974	22,757
5	Morgan City	5,688	12,841
7	Central Lafourche	6,397	16,757
8	North Lafourche, Assumption, & Ascension	2,984	7,990
9	Pierre Part	1,355	3,239
DA 3A-A		5,561	11,426
DA 3A-B		4,297	11,624
DA 3A-C		402	1,016
DA 3A-E		3,253	8,695
DA 3A-F		484	509
DA 3A-G		1,170	1,013
DA 3A-H		1	0
	Houses Still At Risk From 100-Year Under Existing Conditions	70,645	177,923

Table F-14
Housing Units at Risk
100-Year Storm-Existing Conditions
Planning Unit 3B

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Berwick/Patterson	6,435	15,845
	Houses Protected by the 100-Year Under Existing Conditions	6,435	15,845
2	Hwy 317	48	110
3	Franklin	3,352	8,354
4	Baldwin	822	2,497
5	Cherenton	738	1,944
6	Jeanerette	2,272	5,997
7	Lydia	411	1,079
8	New Iberia	12,880	32,623
9	Loreauville	361	938
10	Delcambre	1,003	2,450
DA 3B-A		12,464	34,968
DA 3B-B		305	711
DA 3B-C		7	14
DA 3B-D		10	0
DA 3B-E		407	243
DA 3B-F		30	2
DA 3B-G		2	4
DA 3B-H		8	31
DA 3B-I		37	0
	Houses Still At Risk From 100-Year Under Existing Conditions	35,157	91,965

**Table F-15
Housing Units at Risk
100-Year Storm-Existing Conditions
Planning Unit 4**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Lafayette	22,614	52,073
2	Abbeville	5,219	11,932
3	Crowley	3,341	8,113
4	Jennings	195	494
5	Welsh	48	128
6	Iowa	1,104	2,815
7a	Lake Charles	24,435	54,363
7b	Sulphur	8,207	19,250
8	Vinton	1,263	2,911
9	Cameron	128	208
10a	Coastal Communities	490	209
10c	Coastal Communities	24	34
10d	Coastal Communities	112	205
10e	Coastal Communities	44	69
11a	Western Central CZM Communities	1,490	3,349
11b	Western Central CZM Communities	37	89
11c	Western Central CZM Communities	257	559
11d	Western Central CZM Communities	890	2,251
11e	Western Central CZM Communities	294	745
11f	Western Central CZM Communities	391	914
11g	Western Central CZM Communities	79	155
12a	Agricultural & Crawfish Communities	2,223	5,421
12b	Agricultural & Crawfish Communities	275	670
12c	Agricultural & Crawfish Communities	1,478	3,256
12d	Agricultural & Crawfish Communities	855	1,848
12e	Agricultural & Crawfish Communities	96	276
12f	Agricultural & Crawfish Communities	467	1,290
12g	Agricultural & Crawfish Communities	10	21
12h	Agricultural & Crawfish Communities	50	130
12j	Agricultural & Crawfish Communities	0	0
12k	Agricultural & Crawfish Communities	217	513
DA 4-A		4,380	11,225
DA 4-B		25,830	65,607
DA 4-C		31,037	77,729
DA 4-D		50,640	125,483
DA 4-E		3,719	6,626
	Houses Still At Risk From 100-Year Under Existing Conditions	191,939	460,961

Table F-16
Housing Units at Risk
500-Year Storm-Existing Conditions
Planning Unit 1

Sub-Basin		Housing Units	2000 Population
Number	Name		
1a	Florida Parishes & Amite River-Walker	386	1,041
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	866	1,790
2	North Shore	58,664	148,815
3a	Lutcher, Gramercy	2,528	6,796
3b	Reserve/LaPlace	13,923	38,636
3c	Norce/St. Rose	8,137	22,960
3d	JP/NO Eastbank	261,260	568,985
3e	NO East to Hwy 11	34,667	94,536
3f	Lower 9th/St. Bernard	33,944	85,529
4	Plaquemines Eastbank	997	3,005
DA 1-A		13,611	34,321
DA 1-B		2,523	4,132
DA 1-C		859	1,318
DA 1-D		1	4
Houses Still At Risk From 500-Year Under Existing Conditions		432,366	1,011,868

**Table F-17
Housing Units at Risk
500-Year Storm-Existing Conditions
Planning Unit 2**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Metro Area on the West Bank	96,108	254,555
2	Upper Plaquemines Parish	1,418	4,061
3	Lower Plaquemines Parish	4,524	10,945
4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541
4b	Oil and Gas, Fishing, and Tourism Communities	3	0
4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046
5	Industrial Communities-Port Fourchon	180	25
6	South Lafourche	3,340	9,308
7	Central Lafourche	1,746	4,469
9	River Parishes	7,699	21,088
10	Upper Lafourche, Assumption, Ascension	5,625	15,353
11a	Central Basin Communities	2,815	7,561
11b	Central Basin Communities	1,657	4,270
DA 1-A		2,102	5,289
DA 1-B		3,575	10,124
DA 1-C		15	45
DA 2-D		93	69
DA 2-E		48	0
DA 2-F		221	218
DA 2-G		204	68
DA 2-H		65	10
DA 2-I		58	52
	Houses Still At Risk From 500-Year Under Existing Conditions	135,335	354,097

**Table F-18
Housing Units at Risk
500-Year Storm-Existing Conditions
Planning Unit 3A**

Number	Sub-Basin		Housing Units	2000 Population
	Name			
1a	Theriot		281	585
1b	Dulac		586	1,637
1c	Chauvin		2,304	6,451
1d	Montegut		659	1,818
1e	South of Houma		0	0
2a	Stephensville		75	135
2b	Amelia		377	1,108
2c	Gibson		133	304
2d	Donner		39	80
3	Houma		25,625	67,938
4	Thibodaux		8,974	22,757
5	Morgan City		5,688	12,841
6	South Lafourche		5,543	14,203
7	Central Lafourche		6,397	16,757
8	North Lafourche, Assumption, & Ascension		2,984	7,990
9	Pierre Part		1,355	3,239
DA 3A-A			5,561	11,426
DA 3A-B			4,297	11,624
DA 3A-C			402	1,016
DA 3A-E			3,253	8,695
DA 3A-F			484	509
DA 3A-G			1,170	1,013
DA 3A-H			1	0
Houses Still At Risk From 500-Year Under Existing Conditions			76,188	192,126

Table F-19
Housing Units at Risk
500-Year Storm-Existing Conditions
Planning Unit 3B

Number	Sub-Basin		Housing Units	2000 Population
	Name			
1	Berwick/Patterson		6,435	15,845
	Houses Protected From the 500-Year Under Existing Conditions		6,435	15,845
2	Hwy 317		48	110
3	Franklin		3,352	8,354
4	Baldwin		822	2,497
4a	Avery Island		104	194
4b	Weeks Island		0	0
5	Cherenton		738	1,944
6	Jeanerette		2,272	5,997
7	Lydia		411	1,079
8	New Iberia		12,880	32,623
9	Loreauville		361	938
10	Delcambre		1,003	2,450
DA 3B-A			12,464	34,968
DA 3B-B			305	711
DA 3B-C			7	14
DA 3B-D			10	0
DA 3B-E			407	243
DA 3B-F			30	2
DA 3B-G			2	4
DA 3B-H			8	31
DA 3B-I			37	0
	Houses Still At Risk From 500-Year Under Existing Conditions		35,261	92,159

Table F-20
Housing Units at Risk
500-Year Storm-Existing Conditions
Planning Unit 4

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Lafayette	22,614	52,073
2	Abbeville	5,219	11,932
3	Crowley	3,341	8,113
4	Jennings	195	494
5	Welsh	48	128
6	Iowa	1,104	2,815
7a	Lake Charles	24,435	54,363
7b	Sulphur	8,207	19,250
8	Vinton	1,263	2,911
9	Cameron	128	208
10a	Coastal Communities	490	209
10c	Coastal Communities	24	34
10d	Coastal Communities	112	205
10e	Coastal Communities	44	69
11a	Western Central CZM Communities	1,490	3,349
11b	Western Central CZM Communities	37	89
11c	Western Central CZM Communities	257	559
11d	Western Central CZM Communities	890	2,251
11e	Western Central CZM Communities	294	745
11f	Western Central CZM Communities	391	914
11g	Western Central CZM Communities	79	155
12a	Agricultural & Crawfish Communities	2,223	5,421
12b	Agricultural & Crawfish Communities	275	670
12c	Agricultural & Crawfish Communities	1,478	3,256
12d	Agricultural & Crawfish Communities	855	1,848
12e	Agricultural & Crawfish Communities	96	276
12f	Agricultural & Crawfish Communities	467	1,290
12g	Agricultural & Crawfish Communities	10	21
12h	Agricultural & Crawfish Communities	50	130
12j	Agricultural & Crawfish Communities	0	0
12k	Agricultural & Crawfish Communities	217	513
DA 4-A		4,380	11,225
DA 4-B		25,830	65,607
DA 4-C		31,037	77,729
DA 4-D		50,640	125,483
DA 4-E		3,719	6,626
	Houses Still At Risk From 500-Year Under Existing Conditions	191,939	460,961

Table F-21
Level of Protection With Various Alternatives Considered
Planning Unit 1

Sub-Basin		Alternative 1	Alternative 2	Preferred Plan
Number	Name			
1a	Florida Parishes & Amite River-Walker	500	500	500
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	500	500	500
2	North Shore	100	0	500
3a	Lutcher, Gramercy	500	500	500
3b	Reserve/LaPlace	500	500	500
3c	Norce/St. Rose	500	500	500
3d	JP/NO Eastbank	500	500	500
3e	NO East to Hwy 11	500	500	500
3f	Lower 9th/St. Bernard	500	500	500
4	Plaquemines Eastbank	100	100	100
DA 1-A		500	500	500
DA 1-B		500	500	500
DA 1-C		0	0	0
DA 1-D		0	0	0

Numbers denote level of protection (i.e. 100 is 100-year protection, 500 is 500-year protection, and 0 is less than 100-year protection).

Table F-22
Level of Protection With Various Alternatives Considered
Planning Unit 2

Sub-Basin		Alternative 1	Alternative 2	Preferred Plan
Number	Name			
1	Metro Area on the West Bank	500	500	500
2	Upper Plaquemines Parish	500	100	100
3	Lower Plaquemines Parish	100	100	0
4a	Oil and Gas, Fishing, and Tourism Communities	100	0	0
4b	Oil and Gas, Fishing, and Tourism Communities	0	0	0
4c	Oil and Gas, Fishing, and Tourism Communities	500	100	100
5	Industrial Communities-Port Fourchon	0	0	0
6	South Lafourche	500	100	100
7	Central Lafourche	500	100	100
9	River Parishes	500	100	100
10	Upper Lafourche, Assumption, Ascension	500	100	100
11a	Central Basin Communities	500	100	100
11b	Central Basin Communities	500	100	100
DA 1-A		500	100	100
DA 1-B		500	0	100
DA 1-C		0	0	0
DA 2-D		0	0	0
DA 2-E		0	0	0
DA 2-F		0	0	0
DA 2-G		0	0	0
DA 2-H		0	0	0
DA 2-I		0	0	0

Numbers denote level of protection (i.e. 100 is 100-year protection, 500 is 500-year protection, and 0 is less than 100-year protection).

Table F-23
Level of Protection With Various Alternatives Considered
Planning Unit 3A

Sub-Basin		Alternative 1	Alternative 2	Preferred Plan
Number	Name			
1a	Theriot	500	100	100
1b	Dulac	500	100	100
1c	Chauvin	500	100	100
1d	Montegut	500	100	100
1e	South of Houma	500	100	100
2a	Stephensville	500	100	100
2b	Amelia	500	100	100
2c	Gibson	500	500	500
2d	Donner	500	500	500
3	Houma	500	500	500
4	Thibodaux	500	500	500
5	Morgan City	500	100	100
6	South Lafourche	500	100	100
7	Central Lafourche	500	500	500
8	North Lafourche, Assumption, & Ascension	500	500	100
9	Pierre Part	500	100	100
DA 3A-A		500	100	100
DA 3A-B		500	500	500
DA 3A-C		0	0	0
DA 3A-E		500	100	100
DA 3A-F		0	0	0
DA 3A-G		0	0	0
DA 3A-H		0	0	0

Numbers denote level of protection (i.e. 100 is 100-year protection, 500 is 500-year protection, and 0 is less than 100-year protection).

Table F-24
Level of Protection With Various Alternatives Considered
Planning Unit 3B

Sub-Basin		Alternative 1	Alternative 2	Preferred Plan
Number	Name			
1	Berwick/Patterson	500	500	500
2	Hwy 317	500	500	500
3	Franklin	500	500	500
4	Baldwin	500	500	500
4a	Avery Island	500	0	0
4b	Weeks Island	500	0	0
5	Cherenton	500	500	500
6	Jeanerette	500	500	500
7	Lydia	500	500	500
8	New Iberia	500	500	500
9	Loreauville	500	500	500
10	Delcambre	500	500	500
DA 3B-A		500	500	500
DA 3B-B		500	0	0
DA 3B-C		0	0	0
DA 3B-D		0	0	0
DA 3B-E		0	0	0
DA 3B-F		0	0	0
DA 3B-G		0	0	0
DA 3B-H		0	0	0
DA 3B-I		0	0	0

Numbers denote level of protection (i.e. 100 is 100-year protection, 500 is 500-year protection, and 0 is less than 100-year protection).

**Table F-25
Level of Protection With Various Alternatives Considered
Planning Unit 4**

Sub-Basin		Alternative 1	Alternative 2	Preferred Plan
Number	Name			
1	Lafayette	500	500	500
2	Abbeville	500	500	500
3	Crowley	500	0	100
4	Jennings	500	0	100
5	Welsh	500	0	100
6	Iowa	500	0	500
7a	Lake Charles	500	500	500
7b	Sulphur	500	500	500
8	Vinton	500	500	500
9	Cameron	0	0	0
10a	Coastal Communities	0	0	0
10c	Coastal Communities	500	0	0
10d	Coastal Communities	0	0	0
10e	Coastal Communities	0	0	0
11a	Western Central CZM Communities	500	0	100
11b	Western Central CZM Communities	500	0	100
11c	Western Central CZM Communities	500	0	100
11d	Western Central CZM Communities	500	500	500
11e	Western Central CZM Communities	500	500	500
11f	Western Central CZM Communities	0	0	0
11g	Western Central CZM Communities	0	0	0
12a	Agricultural & Crawfish Communities	500	0	100
12b	Agricultural & Crawfish Communities	500	500	100
12c	Agricultural & Crawfish Communities	500	500	100
12d	Agricultural & Crawfish Communities	500	500	100
12e	Agricultural & Crawfish Communities	500	500	100
12f	Agricultural & Crawfish Communities	500	500	500
12g	Agricultural & Crawfish Communities	500	0	100
12h	Agricultural & Crawfish Communities	500	0	100
12j	Agricultural & Crawfish Communities	500	0	100
12k	Agricultural & Crawfish Communities	500	0	100
DA 4-A		500	0	500
DA 4-B		500	500	500
DA 4-C		500	0	100
DA 4-D		500	500	500
DA 4-E		0	0	0

Numbers denote level of protection (i.e. 100 is 100-year protection, 500 is 500-year protection, and 0 is less than 100-year protection).

Table F-26
Damages to Planning Unit 1
100-Year Storm-Alternative 1
(Thousands of Dollars)

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1a	Florida Parishes & Amite River-Walker	\$0	\$0	\$0	\$0	\$8,827	\$2,484	\$84	\$11,394
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	\$12,258	\$2,006	\$647	\$14,910	\$19,745	\$4,270	\$61	\$38,986
2	North Shore	\$2,401,548	\$396,935	\$82,594	\$2,881,078	\$1,357,314	\$355,035	\$1,998	\$4,595,426
3a	Lutcher, Gramercy	\$303,721	\$48,897	\$10,306	\$362,924	\$58,088	\$16,214	\$85	\$437,311
3b	Reserve/LaPlace	\$1,799,741	\$230,446	\$38,892	\$2,069,079	\$319,766	\$92,176	\$960	\$2,481,980
3c	Norce/St. Rose	\$1,310,426	\$271,204	\$32,964	\$1,614,593	\$188,534	\$54,777	\$197	\$1,858,101
3d	JP/NO Eastbank	\$28,888,196	\$8,300,401	\$1,126,314	\$38,314,910	\$6,055,103	\$1,357,456	\$440	\$45,727,910
3e	NO East to Hwy 11	\$5,144,046	\$670,271	\$138,215	\$5,952,532	\$790,389	\$225,539	\$180	\$6,968,640
3f	Lower 9th/St. Bernard	\$4,710,379	\$698,370	\$136,095	\$5,544,844	\$775,641	\$204,051	\$988	\$6,525,524
4	Plaquemines Eastbank	\$128,126	\$53,325	\$4,010	\$185,460	\$22,830	\$7,169	\$509	\$215,968
DA 1-A		\$507,409	\$115,945	\$17,097	\$640,451	\$310,245	\$81,881	\$4,343	\$1,036,920
DA 1-B		\$333,989	\$23,621	\$7,348	\$364,958	\$56,966	\$9,858	\$119	\$431,900
	Protected From 100-Year Under Alternative 1	\$45,539,840	\$10,811,419	\$1,594,481	\$57,945,740	\$9,963,447	\$2,410,910	\$9,964	\$70,330,061
DA 1-C		\$82,443	\$27,050	\$2,093	\$111,586	\$19,512	\$3,144	\$587	\$134,829
DA 1-D		\$58	\$4,953	\$40	\$5,050	\$53	\$10	\$0	\$5,113
	Unprotected From 100-Year Under Alternative 1	\$82,501	\$32,002	\$2,133	\$116,636	\$19,565	\$3,154	\$587	\$139,942

**Table F-27
Damages to Planning Unit 2
100-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus. Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Metro Area on the West Bank	\$14,177,270	\$2,267,674	\$395,856	\$16,840,799	\$2,205,008	\$607,305	\$731	\$19,653,843
2	Upper Plaquemines Parish	\$191,058	\$76,622	\$5,820	\$273,501	\$63,944	\$9,689	\$576	\$347,709
4c	Oil and Gas, Fishing, and Tourism Communities	\$231,692	\$56,256	\$7,380	\$295,328	\$42,669	\$12,038	\$35	\$350,071
6	South Lafourche	\$416,140	\$210,249	\$14,807	\$641,196	\$44,543	\$22,207	\$1,451	\$709,398
7	Central Lafourche	\$61,062	\$25,454	\$2,970	\$89,486	\$4,454	\$10,662	\$1,964	\$106,565
9	River Parishes	\$387,008	\$118,037	\$18,264	\$523,309	\$77,316	\$50,311	\$5,890	\$656,826
10	Upper Lafourche, Assumption, Ascension	\$32,206	\$9,819	\$1,489	\$43,513	\$40,210	\$36,628	\$5,682	\$126,034
11a	Central Basin Communities	\$207,947	\$26,724	\$7,852	\$242,522	\$178,301	\$18,039	\$580	\$439,442
11b	Central Basin Communities	\$90,431	\$43,316	\$6,466	\$140,213	\$129,268	\$10,187	\$850	\$280,518
DA 1-A		\$153,447	\$34,433	\$7,881	\$195,761	\$47,777	\$12,618	\$1,751	\$257,907
DA 1-B		\$736,892	\$57,065	\$14,094	\$808,050	\$81,374	\$24,153	\$591	\$914,168
3	Lower Plaquemines Parish	\$400,626	\$191,635	\$16,534	\$608,796	\$37,704	\$26,112	\$739	\$673,351
4a	Oil and Gas, Fishing, and Tourism Communities	\$243,767	\$66,158	\$3,110	\$313,035	\$32,622	\$3,676	\$92	\$349,425
	Protected From 100-Year Under Alternative 1	\$17,329,545	\$3,183,442	\$502,523	\$21,015,510	\$2,985,190	\$843,625	\$20,933	\$24,865,258
4b	Oil and Gas, Fishing, and Tourism Communities	\$52	\$0	\$0	\$52	\$103,882	\$0	\$0	\$103,934
5	Industrial Communities-Port Fourchon	\$2,063	\$63,464	\$540	\$66,067	\$67	\$60	\$0	\$66,194
DA 1-C		\$1,489	\$0	\$51	\$1,540	\$336	\$107	\$409	\$2,393
DA 2-D		\$8,816	\$4,710	\$138	\$13,664	\$2,098	\$165	\$102	\$16,029
DA 2-E		\$2,824	\$0	\$0	\$2,824	\$1,075	\$0	\$83	\$3,982
DA 2-F		\$19,979	\$32,150	\$685	\$52,815	\$5,267	\$520	\$232	\$58,833
DA 2-G		\$14,228	\$20,609	\$271	\$35,109	\$4,660	\$162	\$0	\$39,931
DA 2-H		\$3,227	\$51,127	\$622	\$54,976	\$1,923	\$24	\$65	\$56,988
DA 2-I		\$3,491	\$35,269	\$363	\$39,123	\$1,525	\$124	\$4	\$40,776
	Unprotected From 100-Year Under Alternative 1	\$56,170	\$207,329	\$2,671	\$266,170	\$120,834	\$1,162	\$895	\$389,061

**Table F-28
Damages to Planning Unit 3A
100-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus. Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1a	Theriot	\$59,168	\$15,714	\$784	\$75,667	\$6,370	\$1,396	\$75	\$83,507
1b	Dulac	\$61,997	\$26,313	\$2,071	\$90,381	\$13,262	\$3,905	\$17	\$107,565
1c	Chauvin	\$306,475	\$110,313	\$9,088	\$425,876	\$52,528	\$15,390	\$286	\$494,081
1d	Montegut	\$93,354	\$19,568	\$2,581	\$115,503	\$14,987	\$4,337	\$142	\$134,970
1e	South of Houma	\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$9
2a	Stephensville	\$9,006	\$826	\$211	\$10,043	\$1,695	\$322	\$31	\$12,092
2b	Amelia	\$28,425	\$4,775	\$1,263	\$34,462	\$8,535	\$2,643	\$1	\$45,642
2c	Gibson	\$13,107	\$8,276	\$535	\$21,919	\$3,054	\$725	\$2	\$25,700
2d	Donner	\$4,978	\$0	\$136	\$5,114	\$874	\$191	\$0	\$6,178
3	Houma	\$2,269,550	\$748,155	\$70,498	\$3,088,203	\$601,869	\$162,083	\$2,426	\$3,854,581
4	Thibodaux	\$38,873	\$12,706	\$2,470	\$54,049	\$207,855	\$54,293	\$774	\$316,971
5	Morgan City	\$570,582	\$468,526	\$27,233	\$1,066,341	\$135,336	\$30,635	\$36	\$1,232,349
6	South Lafourche	\$768,829	\$603,207	\$23,584	\$1,395,620	\$128,169	\$33,885	\$1,208	\$1,558,882
7	Central Lafourche	\$341,603	\$55,136	\$11,526	\$408,266	\$146,620	\$39,978	\$2,099	\$596,963
8	North Lafourche, Assumption, & Ascension	\$25	\$0	\$0	\$25	\$68,845	\$19,062	\$2,696	\$90,628
9	Pierre Part	\$68,717	\$8,991	\$2,405	\$80,113	\$31,060	\$7,727	\$21	\$118,921
DA 3A-A		\$563,897	\$108,646	\$14,897	\$687,440	\$126,252	\$27,260	\$0	\$840,951
DA 3A-B		\$348,065	\$133,046	\$13,373	\$494,484	\$98,632	\$27,732	\$2,287	\$623,134
DA 3A-E		\$443,874	\$249,612	\$11,909	\$705,395	\$74,237	\$20,744	\$1,233	\$801,609
	Protected From 100-Year Under Alternative 1	\$5,990,526	\$2,573,809	\$194,565	\$8,758,900	\$1,720,179	\$452,310	\$13,344	\$10,944,733
DA 3A-C		\$50,698	\$164,911	\$2,913	\$218,521	\$10,316	\$2,424	\$261	\$231,523
DA 3A-F		\$61,172	\$3,193	\$687	\$65,052	\$10,902	\$1,214	\$170	\$77,338
DA 3A-G		\$132,435	75174.60226	\$2,039	\$209,649	\$26,810	\$2,417	\$153	\$239,029
DA 3A-H		\$112	\$0	\$0	\$112	\$22	\$0	\$0	\$134
	Unprotected From 100-Year Under Alternative 1	\$244,416	\$243,279	\$5,638	\$493,334	\$48,050	\$6,055	\$584	\$548,023

**Table F-29
Damages to Planning Unit 3B
100-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin Name	Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Berwick/Patterson	\$778,643	\$335,632	\$26,518	\$1,140,792	\$148,707	\$37,802	\$881	\$1,328,183
2	Hwy 317	\$5,210	\$17,203	\$303	\$22,716	\$23,205	\$5,845	\$108	\$51,874
3	Franklin	\$268,525	\$147,889	\$13,133	\$429,547	\$1,196	\$262	\$521	\$431,527
4	Baldwin	\$41,314	\$1,379	\$1,701	\$44,394	\$78,007	\$19,931	\$352	\$142,684
4a	Avery Island	\$856	\$0	\$23	\$879	\$18,623	\$5,957	\$20	\$25,479
4b	Weeks Island	\$0	\$0	\$0	\$0	\$2,495	\$463	\$58	\$3,017
5	Cherenton	\$271	\$0	\$14	\$285	\$30	\$0	\$9	\$324
6	Jeanerette	\$0	\$0	\$0	\$0	\$16,893	\$4,638	\$306	\$21,837
7	Lydia	\$40,888	\$1,004	\$1,244	\$43,136	\$51,901	\$14,307	\$48	\$109,393
8	New Iberia	\$9,643	\$462	\$244	\$10,348	\$11,884	\$2,574	\$90	\$24,897
9	Loreauville	\$0	\$0	\$0	\$0	\$83	\$77,830	\$82	\$77,995
10	Delcambre	\$116,003	\$61,219	\$4,359	\$181,581	\$6,266	\$2,238	\$7	\$190,091
DA 3B-A		\$513,974	\$175,491	\$17,537	\$707,001	\$1,873	\$83,425	\$15,495	\$807,794
DA 3B-B		\$40,648	\$6,350	\$1,035	\$48,033	\$146	\$1,696	\$1,911	\$51,785
	Protected From 100-Year Under Alternative 1	\$1,815,975	\$746,627	\$66,110	\$2,628,712	\$361,308	\$256,969	\$19,889	\$3,266,878
DA 3B-D		\$1,382	\$0	\$0	\$1,382	\$1,458	\$0	\$0	\$2,840
DA 3B-C		\$433	\$16,149	\$149	\$16,731	\$0	\$33	\$197	\$16,962
DA 3B-E		\$50,612	\$10,626	\$431	\$61,669	\$4,498	\$580	\$70	\$66,817
DA 3B-F		\$3,331	\$0	\$4	\$3,335	\$809	\$5	\$0	\$4,149
DA 3B-G		\$221	\$0	\$7	\$229	\$24,467	\$10	\$12	\$24,717
DA 3B-H		\$838	\$6,758	\$54	\$7,650	\$704	\$74	\$13	\$8,440
DA 3B-I		\$5,105	\$0	\$0	\$5,105	\$1,838	\$0	\$0	\$6,942
	Unprotected From 100-Year Under Alternative 1	\$61,923	\$33,533	\$645	\$96,101	\$33,773	\$701	\$293	\$130,868

**Table F-30
Damages to Planning Unit 4
100-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus. Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Lafayette	\$0	\$0	\$0	\$0	\$0	\$0	\$131	\$131
2	Abbeville	\$0	\$0	\$0	\$0	\$0	\$0	\$98	\$98
3	Crowley	\$0	\$0	\$0	\$0	\$0	\$0	\$112	\$112
4	Jennings	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$133
5	Welsh	\$0	\$0	\$0	\$0	\$0	\$0	\$386	\$386
6	Iowa	\$0	\$0	\$0	\$0	\$0	\$0	\$294	\$294
7a	Lake Charles	\$386,065	\$143,606	\$19,756	\$549,427	\$844	\$129,697	\$319	\$680,286
7b	Sulphur	\$0	\$0	\$0	\$0	\$0	\$0	\$164	\$164
8	Vinton	\$0	\$0	\$0	\$0	\$0	\$0	\$67	\$67
10c	Coastal Communities	\$3,477	\$63,640	\$421	\$67,539	\$1,845	\$81	\$42	\$69,507
11a	Western Central CZM Communities	\$3,196	\$233	\$136	\$3,565	\$34,101	\$7,990	\$77	\$45,733
11b	Western Central CZM Communities	\$32	\$0	\$0	\$32	\$19,785	\$212	\$18	\$20,047
11c	Western Central CZM Communities	\$3,296	\$0	\$49	\$3,345	\$2,150	\$1,334	\$88	\$6,917
11d	Western Central CZM Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$42	\$42
11e	Western Central CZM Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$105
12a	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$16	\$16
12b	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$130	\$130
12c	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$5
12d	Agricultural & Crawfish Communities	\$4,853	\$0	\$127	\$4,980	\$4,413	\$4,409	\$263	\$14,065
12e	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$133
12f	Agricultural & Crawfish Communities	\$63,699	\$14,786	\$1,694	\$80,179	\$25,483	\$3,078	\$227	\$108,966
12g	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$149	\$149
12h	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$80	\$80
12j	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12k	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$69	\$69
DA 4-A		\$79,272	\$6,484	\$2,419	\$88,175	\$99,285	\$26,780	\$12,390	\$226,630
DA 4-B		\$377,529	\$103,221	\$11,548	\$492,299	\$593,319	\$156,522	\$4,906	\$1,247,045
DA 4-C		\$348,954	\$97,007	\$10,166	\$456,127	\$711,249	\$185,442	\$95,531	\$1,448,350
DA 4-D		\$241,809	\$56,424	\$7,771	\$306,005	\$1,177,897	\$299,371	\$13,297	\$1,796,570
	Protected From 100-Year Under Alternative 1	\$1,512,182	\$485,402	\$54,088	\$2,051,672	\$2,670,371	\$814,915	\$129,271	\$5,666,229
9	Cameron	\$10,794	\$8,733	\$360	\$19,887	\$6,796	\$496	\$78	\$27,258
10a	Coastal Communities	\$47,464	\$18,413	\$485	\$66,362	\$8,834	\$499	\$0	\$75,694
10d	Coastal Communities	\$13,938	\$20,344	\$367	\$34,648	\$51,181	\$489	\$259	\$86,577
10e	Coastal Communities	\$3,272	\$0	\$95	\$3,368	\$6,446	\$165	\$9	\$9,987
11f	Western Central CZM Communities	\$28,469	\$2,357	\$1,327	\$32,153	\$1,120	\$2,181	\$89	\$35,543
11g	Western Central CZM Communities	\$8,248	\$17,992	\$318	\$26,558	\$0	\$370	\$31	\$26,959
DA 4-E		\$345,358	\$282,605	\$11,280	\$639,242	\$85,097	\$15,808	\$6,845	\$746,993
	Unprotected From 100-Year Under Alternative 1	\$457,544	\$350,443	\$14,231	\$822,218	\$159,474	\$20,007	\$7,312	\$1,009,012

**Table F-31
Damages to Planning Unit 1
500-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1a	Florida Parishes & Amite River-Walker	\$0	\$0	\$739	\$739	\$11,769	\$3,311	\$112	\$15,932
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	\$48,152	\$8,601	\$1,626	\$58,379	\$26,326	\$5,694	\$81	\$90,479
3a	Lutcher, Gramercy	\$347,133	\$63,366	\$5,733	\$416,232	\$77,450	\$21,618	\$114	\$515,414
3b	Reserve/LaPlace	\$2,530,392	\$386,498	\$32,681	\$2,949,571	\$426,354	\$122,901	\$1,280	\$3,500,106
3c	Norce/St. Rose	\$1,590,474	\$337,798	\$22,434	\$1,950,706	\$251,379	\$73,036	\$262	\$2,275,383
3d	JP/NO Eastbank	\$29,381,156	\$8,814,960	\$571,206	\$38,767,322	\$8,073,471	\$1,809,941	\$587	\$48,651,321
3e	NO East to Hwy 11	\$5,158,439	\$676,777	\$62,526	\$5,897,742	\$1,053,852	\$300,719	\$240	\$7,252,553
3f	Lower 9th/St. Bernard	\$4,758,019	\$742,368	\$66,911	\$5,567,298	\$1,034,188	\$272,068	\$1,318	\$6,874,871
DA 1-A		\$823,963	\$181,618	\$26,559	\$1,032,140	\$413,660	\$109,175	\$5,790	\$1,560,766
DA 1-B		\$387,998	\$25,302	\$3,800	\$417,099	\$75,955	\$13,144	\$158	\$506,356
	Protected From 500-Year Under Alternative 1	\$45,025,726	\$11,237,287	\$794,213	\$57,057,227	\$11,444,405	\$2,731,607	\$9,942	\$71,243,181
2	North Shore	\$6,753,941	\$1,062,378	\$141,261	\$7,957,580	\$1,809,752	\$473,381	\$2,665	\$10,243,376
4	Plaquemines Eastbank	\$128,759	\$54,937	\$1,925	\$185,621	\$30,440	\$9,559	\$679	\$226,298
DA 1-C		\$84,405	\$28,112	\$1,123	\$113,640	\$26,017	\$4,193	\$782	\$144,631
DA 1-D		\$64	\$5,810	\$37	\$5,911	\$70	\$13	\$0	\$5,994
	Unprotected From 500-Year Under Alternative 1	\$6,967,170	\$1,151,237	\$144,345	\$8,262,751	\$1,866,278	\$487,145	\$4,126	\$10,620,300

**Table F-32
Damages to Planning Unit 2
500-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Metro Area on the West Bank	\$14,675,131	\$2,445,004	\$203,181	\$17,323,317	\$2,940,011	\$809,739	\$975	\$21,074,041
2	Upper Plaquemines Parish	\$198,275	\$84,004	\$3,252	\$285,531	\$85,258	\$12,918	\$768	\$384,475
4c	Oil and Gas, Fishing, and Tourism Communities	\$254,570	\$64,105	\$3,754	\$322,430	\$56,892	\$16,051	\$47	\$395,420
6	South Lafourche	\$496,247	\$249,946	\$8,492	\$754,684	\$59,391	\$29,609	\$1,935	\$845,619
7	Central Lafourche	\$193,283	\$75,676	\$3,826	\$272,786	\$5,939	\$14,216	\$2,619	\$295,559
8	River Parishes	\$826,239	\$276,311	\$18,000	\$1,120,549	\$103,088	\$67,081	\$7,853	\$1,298,571
9	Upper Lafourche, Assumption, Ascension	\$229,839	\$63,891	\$11,047	\$304,778	\$53,613	\$48,838	\$7,577	\$414,805
10a	Central Basin Communities	\$373,771	\$46,894	\$5,841	\$426,506	\$237,735	\$24,052	\$773	\$689,066
10b	Central Basin Communities	\$190,323	\$57,420	\$3,697	\$251,439	\$172,357	\$13,583	\$1,133	\$438,512
DA 1-A		\$243,219	\$48,337	\$4,316	\$295,872	\$63,703	\$16,824	\$2,335	\$378,733
DA 1-B		\$899,049	\$71,055	\$8,530	\$978,634	\$108,499	\$32,204	\$788	\$1,120,125
	Protected From 500-Year Under Alternative 1	\$18,579,945	\$3,482,644	\$273,935	\$22,336,524	\$3,886,486	\$1,085,115	\$26,802	\$27,334,927
3	Lower Plaquemines Parish	\$415,567	\$198,817	\$8,479	\$622,863	\$50,272	\$34,816	\$986	\$708,937
4a	Oil and Gas, Fishing, and Tourism Communities	\$262,732	\$75,480	\$1,756	\$339,967	\$43,495	\$4,902	\$122	\$388,487
4b	Oil and Gas, Fishing, and Tourism Communities	\$166	\$0	\$0	\$166	\$138,510	\$0	\$0	\$138,676
5	Industrial Communities-Port Fourchon	\$3,919	\$93,365	\$533	\$97,817	\$90	\$80	\$0	\$97,987
DA 1-C		\$1,503	\$0	\$22	\$1,525	\$448	\$143	\$545	\$2,661
DA 2-D		\$10,141	\$5,599	\$63	\$15,803	\$2,798	\$219	\$136	\$18,957
DA 2-E		\$3,942	\$0	\$0	\$3,942	\$1,434	\$0	\$110	\$5,486
DA 2-F		\$21,071	\$34,864	\$473	\$56,408	\$7,022	\$693	\$309	\$64,433
DA 2-G		\$21,502	\$29,188	\$214	\$50,904	\$6,213	\$216	\$0	\$57,333
DA 2-H		\$3,649	\$52,314	\$612	\$56,575	\$2,564	\$32	\$86	\$59,257
DA 2-I		\$3,699	\$35,987	\$304	\$39,990	\$2,034	\$165	\$6	\$42,194
	Unprotected From 500-Year Under Alternative 1	\$747,890	\$525,615	\$12,457	\$1,285,962	\$254,879	\$41,267	\$2,301	\$1,584,409

**Table F-33
Damages to Planning Unit 3A
500-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin Name	Comm/Indus, Public & Ag Bldg Damage		Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
		Residential Damage							
1a	Theriot	\$60,862	\$19,318	\$445	\$80,625	\$8,493	\$1,861	\$100	\$91,079
1b	Dulac	\$63,348	\$29,124	\$895	\$93,368	\$17,682	\$5,207	\$23	\$116,280
1c	Chauvin	\$308,860	\$117,456	\$4,633	\$430,949	\$70,037	\$20,521	\$382	\$521,888
1d	Montegut	\$93,405	\$19,999	\$1,376	\$114,780	\$19,983	\$5,783	\$190	\$140,736
1e	South of Houma	\$0	\$0	\$0	\$0	\$0	\$0	\$11	\$11
2a	Stephensville	\$9,026	\$909	\$119	\$10,054	\$2,260	\$429	\$42	\$12,785
2b	Amelia	\$34,278	\$10,434	\$673	\$45,386	\$11,380	\$3,525	\$2	\$60,292
2c	Gibson	\$13,240	\$11,411	\$294	\$24,945	\$4,073	\$967	\$2	\$29,987
2d	Donner	\$5,168	\$0	\$58	\$5,226	\$1,165	\$254	\$0	\$6,645
3	Houma	\$4,445,058	\$2,133,734	\$75,561	\$6,654,353	\$802,492	\$216,111	\$3,235	\$7,676,191
4	Thibodaux	\$349,748	\$76,968	\$14,370	\$441,086	\$277,141	\$72,390	\$1,033	\$791,649
5	Morgan City	\$669,658	\$710,993	\$17,699	\$1,398,350	\$180,448	\$40,847	\$48	\$1,619,693
6	South Lafourche	\$843,189	\$659,474	\$13,957	\$1,516,620	\$170,893	\$45,180	\$1,610	\$1,734,302
7	Central Lafourche	\$1,000,021	\$268,779	\$14,165	\$1,282,965	\$195,494	\$53,304	\$2,799	\$1,534,561
8	North Lafourche, Assumption, & Ascension	\$6,375	\$641	\$4,227	\$11,243	\$91,793	\$25,416	\$3,595	\$132,047
9	Pierre Part	\$168,457	\$40,389	\$2,978	\$211,824	\$41,413	\$10,303	\$28	\$263,568
DA 3A-A		\$683,609	\$178,270	\$9,108	\$870,987	\$168,335	\$36,346	\$0	\$1,075,668
DA 3A-B		\$630,918	\$229,836	\$9,888	\$870,643	\$131,509	\$36,976	\$3,049	\$1,042,177
DA 3A-E		\$455,267	\$274,043	\$6,262	\$735,572	\$98,983	\$27,659	\$1,644	\$863,858
	Protected From 500-Year Under Alternative 1	\$9,840,489	\$4,781,777	\$176,709	\$14,798,975	\$2,293,573	\$603,079	\$17,792	\$17,713,419
DA 3A-C		\$52,743	\$258,363	\$2,261	\$313,368	\$13,754	\$3,232	\$349	\$330,703
DA 3A-F		\$61,198	\$3,357	\$357	\$64,912	\$14,536	\$1,619	\$227	\$81,293
DA 3A-G		\$142,622	\$89,425	\$1,311	\$233,357	\$35,747	\$3,222	\$204	\$272,531
DA 3A-H		\$130	\$0	\$0	\$130	\$30	\$0	\$0	\$160
	Unprotected From 500-Year Under Alternative 1	\$256,693	\$351,145	\$3,928	\$611,767	\$64,067	\$8,073	\$779	\$684,686

**Table F-34
Damages to Planning Unit 3B
500-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Berwick/Patterson	\$841,585	\$470,546	\$15,381	\$1,327,512	\$198,276	\$50,403	\$1,174	\$1,577,366
2	Hwy 317	\$5,327	\$19,835	\$231	\$25,394	\$30,940	\$7,793	\$144	\$64,271
3	Franklin	\$333,593	\$247,659	\$8,034	\$589,286	\$1,594	\$350	\$695	\$591,925
4	Baldwin	\$84,453	\$11,696	\$1,386	\$97,535	\$104,009	\$26,574	\$470	\$228,588
4a	Avery Island	\$1,086	\$0	\$116	\$1,202	\$24,831	\$7,943	\$27	\$34,003
4b	Weeks Island	\$0	\$0	\$0	\$0	\$0	\$0	\$78	\$78
5	Cherenton	\$41,042	\$23,529	\$1,216	\$65,788	\$40	\$0	\$12	\$65,840
6	Jeanerette	\$39,809	\$3,191	\$3,042	\$46,042	\$22,523	\$6,184	\$408	\$75,158
7	Lydia	\$56,272	\$2,361	\$742	\$59,376	\$69,202	\$19,076	\$64	\$147,718
8	New Iberia	\$403,567	\$192,158	\$25,088	\$620,814	\$15,845	\$3,432	\$121	\$640,212
9	Loreauville	\$0	\$0	\$564	\$564	\$110	\$103,774	\$109	\$104,557
10	Delcambre	\$134,143	\$110,016	\$2,605	\$246,764	\$8,354	\$2,984	\$9	\$258,111
DA 3B-A		\$1,279,981	\$554,032	\$28,764	\$1,862,777	\$2,497	\$111,233	\$20,661	\$1,997,168
DA 3B-B		\$41,004	\$7,056	\$545	\$48,605	\$194	\$2,262	\$2,548	\$53,609
	Protected From 500-Year Under Alternative 1	\$3,261,863	\$1,642,080	\$87,715	\$4,991,658	\$478,417	\$342,008	\$26,518	\$5,838,602
DA 3B-D		\$1,471	\$0	\$0	\$1,471	\$1,944	\$0	\$0	\$3,415
DA 3B-C		\$515	\$42,456	\$147	\$43,118	\$0	\$45	\$263	\$43,426
DA 3B-E		\$50,675	\$11,248	\$215	\$62,137	\$5,997	\$773	\$94	\$69,001
DA 3B-F		\$3,331	\$0	\$1	\$3,332	\$1,079	\$6	\$0	\$4,418
DA 3B-G		\$221	\$0	\$3	\$224	\$32,623	\$13	\$16	\$32,876
DA 3B-H		\$855	\$8,443	\$38	\$9,337	\$938	\$99	\$17	\$10,390
DA 3B-I		\$5,107	\$0	\$0	\$5,107	\$2,450	\$0	\$0	\$7,557
	Unprotected From 500-Year Under Alternative 1	\$62,176	\$62,147	\$405	\$124,727	\$45,031	\$935	\$390	\$171,084

**Table F-35
Damages to Planning Unit 4
500-Year Storm-Alternative 1
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Lafayette	\$0	\$0	\$28,808	\$28,808	\$723,859	\$165,644	\$175	\$918,486
2	Abbeville	\$270,758	\$87,576	\$8,700	\$367,034	\$14,755	\$37,956	\$130	\$419,875
3	Crowley	\$0	\$0	\$4,295	\$4,295	\$1,058	\$25,807	\$150	\$31,311
4	Jennings	\$290	\$0	\$323	\$613	\$3,466	\$1,571	\$178	\$5,827
5	Welsh	\$0	\$0	\$82	\$82	\$1,314	\$407	\$514	\$2,318
6	Iowa	\$29,454	\$2,891	\$1,914	\$34,259	\$45,344	\$8,955	\$392	\$88,950
7a	Lake Charles	\$2,696,782	\$1,450,130	\$66,457	\$4,213,368	\$1,125	\$172,929	\$426	\$4,387,848
7b	Sulphur	\$991,875	\$394,790	\$20,711	\$1,407,375	\$7,736	\$61,234	\$219	\$1,476,564
8	Vinton	\$121,393	\$21,933	\$2,436	\$145,762	\$27,364	\$9,260	\$89	\$182,475
10c	Coastal Communities	\$3,483	\$87,186	\$395	\$91,063	\$2,460	\$108	\$56	\$93,687
11a	Western Central CZM Communities	\$81,811	\$25,912	\$2,598	\$110,320	\$45,468	\$10,653	\$103	\$166,544
11b	Western Central CZM Communities	\$5,150	\$836	\$76	\$6,062	\$26,379	\$283	\$24	\$32,749
11c	Western Central CZM Communities	\$31,753	\$1,411	\$458	\$33,622	\$2,867	\$1,778	\$117	\$38,384
11d	Western Central CZM Communities	\$246,195	\$21,246	\$2,373	\$269,814	\$14,068	\$7,160	\$55	\$291,098
11e	Western Central CZM Communities	\$38,217	\$16,045	\$779	\$55,042	\$299	\$2,370	\$140	\$57,850
12a	Agricultural & Crawfish Communities	\$0	\$0	\$2,903	\$2,903	\$6,541	\$17,244	\$22	\$26,710
12b	Agricultural & Crawfish Communities	\$0	\$0	\$452	\$452	\$161,558	\$2,131	\$173	\$164,314
12c	Agricultural & Crawfish Communities	\$10,495	\$2,211	\$1,811	\$14,517	\$105,831	\$10,357	\$6	\$130,711
12d	Agricultural & Crawfish Communities	\$76,011	\$29,129	\$1,930	\$107,070	\$5,884	\$5,878	\$351	\$119,183
12e	Agricultural & Crawfish Communities	\$8,777	\$0	\$169	\$8,946	\$1,434	\$878	\$177	\$11,435
12f	Agricultural & Crawfish Communities	\$70,322	\$27,493	\$861	\$98,677	\$33,977	\$4,103	\$303	\$137,060
12g	Agricultural & Crawfish Communities	\$0	\$0	\$12	\$12	\$765,565	\$67	\$198	\$765,842
12h	Agricultural & Crawfish Communities	\$0	\$0	\$70	\$70	\$253,711	\$414	\$106	\$254,301
12j	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12k	Agricultural & Crawfish Communities	\$68	\$0	\$304	\$372	\$3,863	\$1,632	\$92	\$5,959
DA 4-A		\$429,582	\$73,596	\$8,325	\$511,503	\$132,380	\$35,707	\$16,520	\$696,110
DA 4-B		\$3,762,341	\$1,114,684	\$60,165	\$4,937,191	\$791,092	\$208,696	\$6,541	\$5,943,519
DA 4-C		\$976,740	\$259,115	\$50,201	\$1,286,057	\$948,332	\$247,256	\$127,375	\$2,609,020
DA 4-D		\$617,906	\$268,625	\$85,244	\$971,774	\$1,570,529	\$399,161	\$17,730	\$2,959,194
	Protected From 500-Year Under Alternative 1	\$10,469,403	\$3,884,808	\$352,854	\$14,707,064	\$5,698,259	\$1,439,641	\$172,361	\$22,017,326
9	Cameron	\$12,084	\$8,733	\$180	\$20,997	\$9,062	\$662	\$104	\$30,824
10a	Coastal Communities	\$68,118	\$18,416	\$275	\$86,809	\$11,778	\$665	\$0	\$99,252
10d	Coastal Communities	\$15,683	\$20,344	\$219	\$36,245	\$68,241	\$652	\$346	\$105,484
10e	Coastal Communities	\$3,670	\$0	\$44	\$3,714	\$8,595	\$219	\$12	\$12,541
11f	Western Central CZM Communities	\$47,867	\$3,047	\$701	\$51,615	\$1,493	\$2,907	\$119	\$56,135
11g	Western Central CZM Communities	\$10,348	\$19,385	\$210	\$29,944	\$0	\$493	\$42	\$30,478
DA 4-E		\$426,473	\$311,355	\$6,489	\$744,318	\$113,463	\$21,077	\$9,127	\$887,985
	Unprotected From 500-Year Under Alternative 1	\$584,243	\$381,281	\$8,118	\$973,642	\$212,632	\$26,676	\$9,750	\$1,222,700

**Table F-36
Housing Units at Risk
100-Year Storm-Alternative 1
Planning Unit 1**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1a	Florida Parishes & Amite River-Walker	386	1,041
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	866	1,790
2	North Shore	58,664	148,815
3a	Lutcher, Gramercy	2,528	6,796
3b	Reserve/LaPlace	13,923	38,636
3c	Norce/St. Rose	8,137	22,960
3d	JP/NO Eastbank	261,260	568,985
3e	NO East to Hwy 11	34,667	94,536
3f	Lower 9th/St. Bernard	33,944	85,529
4	Plaquemines Eastbank	997	3,005
DA 1-A		13,611	34,321
DA 1-B		2,523	4,132
	Houses Protected From the 100-Year With Alternative 1	431,506	1,010,546
DA 1-C		859	1,318
DA 1-D		1	4
	Houses Still At Risk From the 100-Year With Alternative 1	860	1,322

**Table F-37
Housing Units at Risk
100-Year Storm-Alternative 1
Planning Unit 2**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Metro Area on the West Bank	96,108	254,555
2	Upper Plaquemines Parish	1,418	4,061
4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046
6	South Lafourche	3,340	9,308
7	Central Lafourche	1,746	4,469
9	River Parishes	7,699	21,088
10	Upper Lafourche, Assumption, Ascension	5,625	15,353
11a	Central Basin Communities	2,815	7,561
11b	Central Basin Communities	1,657	4,270
DA 1-A		2,102	5,289
DA 1-B		3,575	10,124
3	Lower Plaquemines Parish	4,524	10,945
4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541
	Houses Protected From the 100-Year With Alternative 1	134,448	353,610
4b	Oil and Gas, Fishing, and Tourism Communities	3	0
5	Industrial Communities-Port Fourchon	180	25
DA 1-C		15	45
DA 2-D		93	69
DA 2-E		48	0
DA 2-F		221	218
DA 2-G		204	68
DA 2-H		65	10
DA 2-I		58	52
	Houses Still At Risk From the 100-Year With Alternative 1	887	487

**Table F-38
Housing Units at Risk
100-Year Storm-Alternative 1
Planning Unit 3A**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1a	Theriot	281	585
1b	Dulac	586	1,637
1c	Chauvin	2,304	6,451
1d	Montegut	659	1,818
1e	South of Houma	0	0
2a	Stephensville	75	135
2b	Amelia	377	1,108
2c	Gibson	133	304
2d	Donner	39	80
3	Houma	25,625	67,938
4	Thibodaux	8,974	22,757
5	Morgan City	5,688	12,841
6	South Lafourche	5,543	14,203
7	Central Lafourche	6,397	16,757
8	North Lafourche, Assumption, & Ascension	2,984	7,990
9	Pierre Part	1,355	3,239
DA 3A-A		5,561	11,426
DA 3A-B		4,297	11,624
DA 3A-E		3,253	8,695
	Houses Protected From the 100-Year With Alternative 1	74,131	189,588
DA 3A-C		402	1,016
DA 3A-F		484	509
DA 3A-G		1,170	1,013
DA 3A-H		1	0
	Houses Still At Risk From the 100-Year With Alternative 1	2,057	2,538

**Table F-39
Housing Units at Risk
100-Year Storm-Alternative 1
Planning Unit 3B**

Number	Sub-Basin		Housing Units	2000 Population
	Name			
1	Berwick/Patterson		6,435	15,845
2	Hwy 317		48	110
3	Franklin		3,352	8,354
4	Baldwin		822	2,497
4a	Avery Island		104	194
4b	Weeks Island		0	0
5	Cherenton		738	1,944
6	Jeanerette		2,272	5,997
7	Lydia		411	1,079
8	New Iberia		12,880	32,623
9	Loreauville		361	938
10	Delcambre		1,003	2,450
DA 3B-A			12,464	34,968
DA 3B-B			305	711
	Houses Protected From the 100-Year With Alternative 1		41,195	107,710
DA 3B-D			10	0
DA 3B-C			7	14
DA 3B-E			407	243
DA 3B-F			30	2
DA 3B-G			2	4
DA 3B-H			8	31
DA 3B-I			37	0
	Houses Still At Risk From the 100-Year With Alternative 1		501	294

Table F-40
Housing Units at Risk
100-Year Storm-Alternative 1
Planning Unit 4

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Lafayette	22,614	52,073
2	Abbeville	5,219	11,932
3	Crowley	3,341	8,113
4	Jennings	195	494
5	Welsh	48	128
6	Iowa	1,104	2,815
7a	Lake Charles	24,435	54,363
7b	Sulphur	8,207	19,250
8	Vinton	1,263	2,911
10c	Coastal Communities	24	34
11a	Western Central CZM Communities	1,490	3,349
11b	Western Central CZM Communities	37	89
11c	Western Central CZM Communities	257	559
11d	Western Central CZM Communities	890	2,251
11e	Western Central CZM Communities	294	745
12a	Agricultural & Crawfish Communities	2,223	5,421
12b	Agricultural & Crawfish Communities	275	670
12c	Agricultural & Crawfish Communities	1,478	3,256
12d	Agricultural & Crawfish Communities	855	1,848
12e	Agricultural & Crawfish Communities	96	276
12f	Agricultural & Crawfish Communities	467	1,290
12g	Agricultural & Crawfish Communities	10	21
12h	Agricultural & Crawfish Communities	50	130
12j	Agricultural & Crawfish Communities	0	0
12k	Agricultural & Crawfish Communities	217	513
DA 4-A		4,380	11,225
DA 4-B		25,830	65,607
DA 4-C		31,037	77,729
DA 4-D		50,640	125,483
	Houses Protected From the 100-Year With Alternative 1	186,976	452,575
9	Cameron	128	208
10a	Coastal Communities	490	209
10d	Coastal Communities	112	205
10e	Coastal Communities	44	69
11f	Western Central CZM Communities	391	914
11g	Western Central CZM Communities	79	155
DA 4-E		3,719	6,626
	Houses Still At Risk From the 100-Year With Alternative 1	4,963	8,386

**Table F-41
Housing Units at Risk
500-Year Storm-Alternative 1
Planning Unit 1**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1a	Florida Parishes & Amite River-Walker	386	1,041
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	866	1,790
3a	Lutcher, Gramercy	2,528	6,796
3b	Reserve/LaPlace	13,923	38,636
3c	Norce/St. Rose	8,137	22,960
3d	JP/NO Eastbank	261,260	568,985
3e	NO East to Hwy 11	34,667	94,536
3f	Lower 9th/St. Bernard	33,944	85,529
DA 1-A		13,611	34,321
DA 1-B		2,523	4,132
	Houses Protected From the 500-Year With Alternative 1	371,845	858,726
2	North Shore	58,664	148,815
4	Plaquemines Eastbank	997	3,005
DA 1-C		859	1,318
DA 1-D		1	4
	Houses Still At Risk From the 500-Year With Alternative 1	60,521	153,142

Table F-42
Housing Units at Risk
500-Year Storm-Alternative 1
Planning Unit 2

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Metro Area on the West Bank	96,108	254,555
2	Upper Plaquemines Parish	1,418	4,061
4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046
6	South Lafourche	3,340	9,308
7	Central Lafourche	1,746	4,469
9	River Parishes	7,699	21,088
10	Upper Lafourche, Assumption, Ascension	5,625	15,353
11a	Central Basin Communities	2,815	7,561
11b	Central Basin Communities	1,657	4,270
DA 1-A		2,102	5,289
DA 1-B		3,575	10,124
	Houses Protected From the 500-Year With Alternative 1	128,046	341,124
3	Lower Plaquemines Parish	4,524	10,945
4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541
4b	Oil and Gas, Fishing, and Tourism Communities	3	0
5	Industrial Communities-Port Fourchon	180	25
DA 1-C		15	45
DA 2-D		93	69
DA 2-E		48	0
DA 2-F		221	218
DA 2-G		204	68
DA 2-H		65	10
DA 2-I		58	52
	Houses Still At Risk From the 500-Year With Alternative 1	7,289	12,973

**Table F-43
Housing Units at Risk
500-Year Storm-Alternative 1
Planning Unit 3A**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1a	Theriot	281	585
1b	Dulac	586	1,637
1c	Chauvin	2,304	6,451
1d	Montegut	659	1,818
1e	South of Houma	0	0
2a	Stephensville	75	135
2b	Amelia	377	1,108
2c	Gibson	133	304
2d	Donner	39	80
3	Houma	25,625	67,938
4	Thibodaux	8,974	22,757
5	Morgan City	5,688	12,841
6	South Lafourche	5,543	14,203
7	Central Lafourche	6,397	16,757
8	North Lafourche, Assumption, & Ascension	2,984	7,990
9	Pierre Part	1,355	3,239
DA 3A-A		5,561	11,426
DA 3A-B		4,297	11,624
DA 3A-E		3,253	8,695
	Houses Protected From the 500-Year With Alternative 1	74,131	189,588
DA 3A-C		402	1,016
DA 3A-F		484	509
DA 3A-G		1,170	1,013
DA 3A-H		1	0
	Houses Still At Risk From the 500-Year With Alternative 1	2,057	2,538

Table F-44
Housing Units at Risk
500-Year Storm-Alternative 1
Planning Unit 3B

Number	Sub-Basin		Housing Units	2000 Population
	Name			
1	Berwick/Patterson		6,435	15,845
2	Hwy 317		48	110
3	Franklin		3,352	8,354
4	Baldwin		822	2,497
4a	Avery Island		104	194
4b	Weeks Island		0	0
5	Cherenton		738	1,944
6	Jeanerette		2,272	5,997
7	Lydia		411	1,079
8	New Iberia		12,880	32,623
9	Loreauville		361	938
10	Delcambre		1,003	2,450
DA 3B-A			12,464	34,968
DA 3B-B			305	711
	Houses Protected From the 500-Year With Alternative 1		41,195	107,710
DA 3B-D			10	0
DA 3B-C			7	14
DA 3B-E			407	243
DA 3B-F			30	2
DA 3B-G			2	4
DA 3B-H			8	31
DA 3B-I			37	0
	Houses Still At Risk From the 500-Year With Alternative 1		501	294

**Table F-45
Housing Units at Risk
500-Year Storm-Alternative 1
Planning Unit 4**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Lafayette	22,614.0	52,073.0
2	Abbeville	5,219.0	11,932.0
3	Crowley	3,341.0	8,113.0
4	Jennings	195.0	494.0
5	Welsh	48.0	128.0
6	Iowa	1,104.0	2,815.0
7a	Lake Charles	24,435.0	54,363.0
7b	Sulphur	8,207.0	19,250.0
8	Vinton	1,263.0	2,911.0
10c	Coastal Communities	24.0	34.0
11a	Western Central CZM Communities	1,490.0	3,349.0
11b	Western Central CZM Communities	37.0	89.0
11c	Western Central CZM Communities	257.0	559.0
11d	Western Central CZM Communities	890.0	2,251.0
11e	Western Central CZM Communities	294.0	745.0
12a	Agricultural & Crawfish Communities	2,223.0	5,421.0
12b	Agricultural & Crawfish Communities	275.0	670.0
12c	Agricultural & Crawfish Communities	1,478.0	3,256.0
12d	Agricultural & Crawfish Communities	855.0	1,848.0
12e	Agricultural & Crawfish Communities	96.0	276.0
12f	Agricultural & Crawfish Communities	467.0	1,290.0
12g	Agricultural & Crawfish Communities	10.0	21.0
12h	Agricultural & Crawfish Communities	50.0	130.0
12j	Agricultural & Crawfish Communities	0.0	0.0
12k	Agricultural & Crawfish Communities	217.0	513.0
DA 4-A		4,380.0	11,225.0
DA 4-B		25,830.0	65,607.0
DA 4-C		31,037.0	77,729.0
DA 4-D		50,640.0	125,483.0
	Houses Protected From the 500-Year With Alternative 1	186,976.0	452,575.0
9	Cameron	128.0	208.0
10a	Coastal Communities	490.0	209.0
10d	Coastal Communities	112.0	205.0
10e	Coastal Communities	44.0	69.0
11f	Western Central CZM Communities	391.0	914.0
11g	Western Central CZM Communities	79.0	155.0
DA 4-E		3,719.0	6,626.0
	Houses Still At Risk From the 500-Year With Alternative 1	4,963.0	8,386.0

**Table F-46
Damages to Planning Unit 1
100-Year Storm-Alternative 2
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1a	Florida Parishes & Amite River-Walker	\$0	\$0	\$0	\$0	\$8,827	\$2,484	\$84	\$11,394
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	\$12,258	\$2,006	\$647	\$14,910	\$19,745	\$4,270	\$61	\$38,986
3a	Lutcher, Gramercy	\$303,721	\$48,897	\$10,306	\$362,924	\$58,088	\$16,214	\$85	\$437,311
3b	Reserve/LaPlace	\$1,799,741	\$230,446	\$38,892	\$2,069,079	\$319,766	\$92,176	\$960	\$2,481,980
3c	Norce/St. Rose	\$1,310,426	\$271,204	\$32,964	\$1,614,593	\$188,534	\$54,777	\$197	\$1,858,101
3d	JP/NO Eastbank	\$28,888,196	\$8,300,401	\$1,126,314	\$38,314,910	\$6,055,103	\$1,357,456	\$440	\$45,727,910
3e	NO East to Hwy 11	\$5,144,046	\$670,271	\$138,215	\$5,952,532	\$790,389	\$225,539	\$180	\$6,968,640
3f	Lower 9th/St. Bernard	\$4,710,379	\$698,370	\$136,095	\$5,544,844	\$775,641	\$204,051	\$988	\$6,525,524
DA 1-A		\$507,409	\$115,945	\$17,097	\$640,451	\$310,245	\$81,881	\$4,343	\$1,036,920
DA 1-B		\$333,989	\$23,621	\$7,348	\$364,958	\$56,966	\$9,858	\$119	\$431,900
4	Plaquemines Eastbank	\$128,126	\$53,325	\$4,010	\$185,460	\$22,830	\$7,169	\$509	\$215,968
	Protected From 100-Year Under Alternative 2	\$43,138,292	\$10,414,484	\$1,511,886	\$55,064,662	\$8,606,133	\$2,055,875	\$7,965	\$65,734,635
2	North Shore	\$2,401,548	\$396,935	\$82,594	\$2,881,078	\$1,357,314	\$355,035	\$1,998	\$4,595,426
DA 1-C		\$82,443	\$27,050	\$2,093	\$111,586	\$19,512	\$3,144	\$587	\$134,829
DA 1-D		\$58	\$4,953	\$40	\$5,050	\$53	\$10	\$0	\$5,113
	Unprotected From 500-Year Under Alternative 2	\$2,484,049	\$428,937	\$84,728	\$2,997,714	\$1,376,879	\$358,189	\$2,585	\$4,735,368

Table F-47
Damages to Planning Unit 2
100-Year Storm-Alternative 2
(Thousands of Dollars)

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Metro Area on the West Bank	\$14,177,270	\$2,267,674	\$395,856	\$16,840,799	\$2,205,008	\$607,305	\$731	\$19,653,843
2	Upper Plaquemines Parish	\$191,058	\$76,622	\$5,820	\$273,501	\$63,944	\$9,689	\$576	\$347,709
3	Lower Plaquemines Parish	\$400,626	\$191,635	\$16,534	\$608,796	\$37,704	\$26,112	\$739	\$673,351
4c	Oil and Gas, Fishing, and Tourism Communities	\$231,692	\$56,256	\$7,380	\$295,328	\$42,669	\$12,038	\$35	\$350,071
6	South Lafourche	\$416,140	\$210,249	\$14,807	\$641,196	\$44,543	\$22,207	\$1,451	\$709,398
7	Central Lafourche	\$61,062	\$25,454	\$2,970	\$89,486	\$4,454	\$10,662	\$1,964	\$106,565
8	River Parishes	\$387,008	\$118,037	\$18,264	\$523,309	\$77,316	\$50,311	\$5,890	\$656,826
9	Upper Lafourche, Assumption, Ascension	\$32,206	\$9,819	\$1,489	\$43,513	\$40,210	\$36,628	\$5,682	\$126,034
10a	Central Basin Communities	\$207,947	\$26,724	\$7,852	\$242,522	\$178,301	\$18,039	\$580	\$439,442
10b	Central Basin Communities	\$90,431	\$43,316	\$6,466	\$140,213	\$129,268	\$10,187	\$850	\$280,518
DA 1-A		\$153,447	\$34,433	\$7,881	\$195,761	\$47,777	\$12,618	\$1,751	\$257,907
	Protected From 100-Year Under Alternative 2	\$16,348,887	\$3,060,220	\$485,319	\$19,894,426	\$2,871,194	\$815,795	\$20,250	\$23,601,665
4a	Oil and Gas, Fishing, and Tourism Communities	\$243,767	\$66,158	\$3,110	\$313,035	\$32,622	\$3,676	\$92	\$349,425
4b	Oil and Gas, Fishing, and Tourism Communities	\$52	\$0	\$0	\$52	\$103,882	\$0	\$0	\$103,934
5	Industrial Communities-Port Fourchon	\$2,063	\$63,464	\$540	\$66,067	\$67	\$60	\$0	\$66,194
DA 1-B		\$736,892	\$57,065	\$14,094	\$808,050	\$81,374	\$24,153	\$591	\$914,168
DA 1-C		\$1,489	\$0	\$51	\$1,540	\$336	\$107	\$409	\$2,393
DA 2-D		\$8,816	\$4,710	\$138	\$13,664	\$2,098	\$165	\$102	\$16,029
DA 2-E		\$2,824	\$0	\$0	\$2,824	\$1,075	\$0	\$83	\$3,982
DA 2-F		\$19,979	\$32,150	\$685	\$52,815	\$5,267	\$520	\$232	\$58,833
DA 2-G		\$14,228	\$20,609	\$271	\$35,109	\$4,660	\$162	\$0	\$39,931
DA 2-H		\$3,227	\$51,127	\$622	\$54,976	\$1,923	\$24	\$65	\$56,988
DA 2-I		\$3,491	\$35,269	\$363	\$39,123	\$1,525	\$124	\$4	\$40,776
	Unprotected From 500-Year Under Alternative 2	\$1,036,828	\$330,552	\$19,875	\$1,387,255	\$234,830	\$28,992	\$1,578	\$1,652,654

Table F-48
Damages to Planning Unit 3A
100-Year Storm-Alternative 2
(Thousands of Dollars)

Number	Sub-Basin		Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name									
2c	Gibson		\$13,107	\$8,276	\$535	\$21,919	\$3,054	\$725	\$2	\$25,700
2d	Donner		\$4,978	\$0	\$136	\$5,114	\$874	\$191	\$0	\$6,178
3	Houma		\$2,269,550	\$748,155	\$70,498	\$3,088,203	\$601,869	\$162,083	\$2,426	\$3,854,581
4	Thibodaux		\$38,873	\$12,706	\$2,470	\$54,049	\$207,855	\$54,293	\$774	\$316,971
7	Central Lafourche		\$341,603	\$55,136	\$11,526	\$408,266	\$146,620	\$39,978	\$2,099	\$596,963
8	North Lafourche, Assumption, & Ascension		\$25	\$0	\$0	\$25	\$68,845	\$19,062	\$2,696	\$90,628
DA 3A-B			\$348,065	\$133,046	\$13,373	\$494,484	\$98,632	\$27,732	\$2,287	\$623,134
1a	Theriot		\$59,168	\$15,714	\$784	\$75,667	\$6,370	\$1,396	\$75	\$83,507
1b	Dulac		\$61,997	\$26,313	\$2,071	\$90,381	\$13,262	\$3,905	\$17	\$107,565
1c	Chauvin		\$306,475	\$110,313	\$9,088	\$425,876	\$52,528	\$15,390	\$286	\$494,081
1d	Montegut		\$93,354	\$19,568	\$2,581	\$115,503	\$14,987	\$4,337	\$142	\$134,970
1e	South of Houma		\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$9
2a	Stephensville		\$9,006	\$826	\$211	\$10,043	\$1,695	\$322	\$31	\$12,092
2b	Amelia		\$28,425	\$4,775	\$1,263	\$34,462	\$8,535	\$2,643	\$1	\$45,642
5	Morgan City		\$570,582	\$468,526	\$27,233	\$1,066,341	\$135,336	\$30,635	\$36	\$1,232,349
6	South Lafourche		\$768,829	\$603,207	\$23,584	\$1,395,620	\$128,169	\$33,885	\$1,208	\$1,558,882
9	Pierre Part		\$68,717	\$8,991	\$2,405	\$80,113	\$31,060	\$7,727	\$21	\$118,921
DA 3A-A			\$563,897	\$108,646	\$14,897	\$687,440	\$126,252	\$27,260	\$0	\$840,951
DA 3A-E			\$443,874	\$249,612	\$11,909	\$705,395	\$74,237	\$20,744	\$1,233	\$801,609
	Protected From 100-Year Under Alternative 2		\$5,990,526	\$2,573,809	\$194,565	\$8,758,900	\$1,720,179	\$452,310	\$13,344	\$10,944,733
DA 3A-C			\$50,698	\$164,911	\$2,913	\$218,521	\$10,316	\$2,424	\$261	\$231,523
DA 3A-F			\$61,172	\$3,193	\$687	\$65,052	\$10,902	\$1,214	\$170	\$77,338
DA 3A-G			\$132,435	75174.60226	\$2,039	\$209,649	\$26,810	\$2,417	\$153	\$239,029
DA 3A-H			\$112	\$0	\$0	\$112	\$22	\$0	\$0	\$134
	Unprotected From 500-Year Under Alternative 2		\$244,416	\$243,279	\$5,638	\$493,334	\$48,050	\$6,055	\$584	\$548,023

Table F-49
Damages to Planning Unit 3B
100-Year Storm-Alternative 2
(Thousands of Dollars)

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Berwick/Patterson	\$778,643	\$335,632	\$26,518	\$1,140,792	\$148,707	\$37,802	\$881	\$1,328,183
2	Hwy 317	\$5,210	\$17,203	\$303	\$22,716	\$23,205	\$5,845	\$108	\$51,874
3	Franklin	\$268,525	\$147,889	\$13,133	\$429,547	\$1,196	\$262	\$521	\$431,527
4	Baldwin	\$41,314	\$1,379	\$1,701	\$44,394	\$78,007	\$19,931	\$352	\$142,684
5	Cherenton	\$271	\$0	\$14	\$285	\$30	\$0	\$9	\$324
6	Jeanerette	\$0	\$0	\$0	\$0	\$16,893	\$4,638	\$306	\$21,837
7	Lydia	\$40,888	\$1,004	\$1,244	\$43,136	\$51,901	\$14,307	\$48	\$109,393
8	New Iberia	\$9,643	\$462	\$244	\$10,348	\$11,884	\$2,574	\$90	\$24,897
9	Loreauville	\$0	\$0	\$0	\$0	\$83	\$77,830	\$82	\$77,995
10	Delcambre	\$116,003	\$61,219	\$4,359	\$181,581	\$6,266	\$2,238	\$7	\$190,091
DA 3B-A		\$513,974	\$175,491	\$17,537	\$707,001	\$1,873	\$83,425	\$15,495	\$807,794
	Protected From 100-Year Under Alternative 2	\$1,774,472	\$740,278	\$65,052	\$2,579,801	\$340,044	\$248,853	\$17,899	\$3,186,597
4a	Avery Island	\$856	\$0	\$23	\$879	\$18,623	\$5,957	\$20	\$25,479
4b	Weeks Island	\$0	\$0	\$0	\$0	\$2,495	\$463	\$58	\$3,017
DA 3B-B		\$40,648	\$6,350	\$1,035	\$48,033	\$146	\$1,696	\$1,911	\$51,785
DA 3B-C		\$433	\$16,149	\$149	\$16,731	\$0	\$33	\$197	\$16,962
DA 3B-D		\$1,382	\$0	\$0	\$1,382	\$1,458	\$0	\$0	\$2,840
DA 3B-E		\$50,612	\$10,626	\$431	\$61,669	\$4,498	\$580	\$70	\$66,817
DA 3B-F		\$3,331	\$0	\$4	\$3,335	\$809	\$5	\$0	\$4,149
DA 3B-G		\$221	\$0	\$7	\$229	\$24,467	\$10	\$12	\$24,717
DA 3B-H		\$838	\$6,758	\$54	\$7,650	\$704	\$74	\$13	\$8,440
DA 3B-I		\$5,105	\$0	\$0	\$5,105	\$1,838	\$0	\$0	\$6,942
	Unprotected From 500-Year Under Alternative 2	\$103,427	\$39,882	\$1,703	\$145,012	\$55,037	\$8,818	\$2,282	\$211,149

Table F-50
Damages to Planning Unit 4
100-Year Storm-Alternative 2
(Thousands of Dollars)

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Lafayette	\$0	\$0	\$0	\$0	\$0	\$0	\$131	\$131
2	Abbeville	\$0	\$0	\$0	\$0	\$0	\$0	\$98	\$98
7a	Lake Charles	\$386,065	\$143,606	\$19,756	\$549,427	\$844	\$129,697	\$319	\$680,286
7b	Sulphur	\$0	\$0	\$0	\$0	\$0	\$0	\$164	\$164
8	Vinton	\$0	\$0	\$0	\$0	\$0	\$0	\$67	\$67
11d	Western Central CZM Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$42	\$42
11e	Western Central CZM Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$105
12b	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$130	\$130
12c	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$5
12d	Agricultural & Crawfish Communities	\$4,853	\$0	\$127	\$4,980	\$4,413	\$4,409	\$263	\$14,065
12e	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$133
12f	Agricultural & Crawfish Communities	\$63,699	\$14,786	\$1,694	\$80,179	\$25,483	\$3,078	\$227	\$108,966
DA 4-B		\$377,529	\$103,221	\$11,548	\$492,299	\$593,319	\$156,522	\$4,906	\$1,247,045
DA 4-D		\$241,809	\$56,424	\$7,771	\$306,005	\$1,177,897	\$299,371	\$13,297	\$1,796,570
	Protected From 100-Year Under Alternative 2	\$1,073,955	\$318,038	\$40,896	\$1,432,889	\$1,801,955	\$593,076	\$19,885	\$3,847,806
3	Crowley	\$0	\$0	\$0	\$0	\$0	\$0	\$112	\$112
4	Jennings	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$133
5	Welsh	\$0	\$0	\$0	\$0	\$0	\$0	\$386	\$386
6	Iowa	\$0	\$0	\$0	\$0	\$0	\$0	\$294	\$294
9	Cameron	\$10,794	\$8,733	\$360	\$19,887	\$6,796	\$496	\$78	\$27,258
10a	Coastal Communities	\$47,464	\$18,413	\$485	\$66,362	\$8,834	\$499	\$0	\$75,694
10c	Coastal Communities	\$3,477	\$63,640	\$421	\$67,539	\$1,845	\$81	\$42	\$69,507
10d	Coastal Communities	\$13,938	\$20,344	\$367	\$34,648	\$51,181	\$489	\$259	\$86,577
10e	Coastal Communities	\$3,272	\$0	\$95	\$3,368	\$6,446	\$165	\$9	\$9,987
11a	Western Central CZM Communities	\$3,196	\$233	\$136	\$3,565	\$34,101	\$7,990	\$77	\$45,733
11b	Western Central CZM Communities	\$32	\$0	\$0	\$32	\$19,785	\$212	\$18	\$20,047
11c	Western Central CZM Communities	\$3,296	\$0	\$49	\$3,345	\$2,150	\$1,334	\$88	\$6,917
11f	Western Central CZM Communities	\$28,469	\$2,357	\$1,327	\$32,153	\$1,120	\$2,181	\$89	\$35,543
11g	Western Central CZM Communities	\$8,248	\$17,992	\$318	\$26,558	\$0	\$370	\$31	\$26,959
12a	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$16	\$16
12g	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$149	\$149
12h	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$80	\$80
12j	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12k	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$69	\$69
DA 4-A		\$79,272	\$6,484	\$2,419	\$88,175	\$99,285	\$26,780	\$12,390	\$226,630
DA 4-C		\$348,954	\$97,007	\$10,166	\$456,127	\$711,249	\$185,442	\$95,531	\$1,448,350
DA 4-E		\$345,358	\$282,605	\$11,280	\$639,242	\$85,097	\$15,808	\$6,845	\$746,993
	Unprotected From 500-Year Under Alternative 2	\$895,771	\$517,808	\$27,423	\$1,441,001	\$1,027,890	\$241,846	\$116,698	\$2,827,435

**Table F-51
Damages to Planning Unit 1
500-Year Storm-Alternative 2
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1a	Florida Parishes & Amite River-Walker	\$0	\$0	\$739	\$739	\$11,769	\$3,311	\$112	\$15,932
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	\$48,152	\$8,601	\$1,626	\$58,379	\$26,326	\$5,694	\$81	\$90,479
3a	Lutcher, Gramercy	\$347,133	\$63,366	\$5,733	\$416,232	\$77,450	\$21,618	\$114	\$515,414
3b	Reserve/LaPlace	\$2,530,392	\$386,498	\$32,681	\$2,949,571	\$426,354	\$122,901	\$1,280	\$3,500,106
3c	Norce/St. Rose	\$1,590,474	\$337,798	\$22,434	\$1,950,706	\$251,379	\$73,036	\$262	\$2,275,383
3d	JP/NO Eastbank	\$29,381,156	\$8,814,960	\$571,206	\$38,767,322	\$8,073,471	\$1,809,941	\$587	\$48,651,321
3e	NO East to Hwy 11	\$5,158,439	\$676,777	\$62,526	\$5,897,742	\$1,053,852	\$300,719	\$240	\$7,252,553
3f	Lower 9th/St. Bernard	\$4,758,019	\$742,368	\$66,911	\$5,567,298	\$1,034,188	\$272,068	\$1,318	\$6,874,871
DA 1-A		\$823,963	\$181,618	\$26,559	\$1,032,140	\$413,660	\$109,175	\$5,790	\$1,560,766
DA 1-B		\$387,998	\$25,302	\$3,800	\$417,099	\$75,955	\$13,144	\$158	\$506,356
	Protected From 500-Year Under Alternative 2	\$45,025,726	\$11,237,287	\$794,213	\$57,057,227	\$11,444,405	\$2,731,607	\$9,942	\$71,243,181
4	Plaquemines Eastbank	\$128,759	\$54,937	\$1,925	\$185,621	\$30,440	\$9,559	\$679	\$226,298
2	North Shore	\$6,753,941	\$1,062,378	\$141,261	\$7,957,580	\$1,809,752	\$473,381	\$2,665	\$10,243,376
DA 1-C		\$84,405	\$28,112	\$1,123	\$113,640	\$26,017	\$4,193	\$782	\$144,631
DA 1-D		\$64	\$5,810	\$37	\$5,911	\$70	\$13	\$0	\$5,994
	Unprotected From 500-Year Under Alternative 2	\$6,967,170	\$1,151,237	\$144,345	\$8,262,751	\$1,866,278	\$487,145	\$4,126	\$10,620,300

**Table F-52
Damages to Planning Unit 2
500-Year Storm-Alternative 2
(Thousands of Dollars)**

Number	Sub-Basin Name	Comm/Indus, Public & Ag Bldg Damage		Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Agricultural		Total Damages
		Residential Damage					Infrastructure Damage	Crop Damage	
1	Metro Area on the West Bank	\$14,675,131	\$2,445,004	\$203,181	\$17,323,317	\$2,940,011	\$809,739	\$975	\$21,074,041
	Protected From 500-Year Under Alternative 2	\$14,675,131	\$2,445,004	\$203,181	\$17,323,317	\$2,940,011	\$809,739	\$975	\$21,074,041
2	Upper Plaquemines Parish	\$198,275	\$84,004	\$3,252	\$285,531	\$85,258	\$12,918	\$768	\$384,475
3	Lower Plaquemines Parish	\$415,567	\$198,817	\$8,479	\$622,863	\$50,272	\$34,816	\$986	\$708,937
4c	Oil and Gas, Fishing, and Tourism Communities	\$254,570	\$64,105	\$3,754	\$322,430	\$56,892	\$16,051	\$47	\$395,420
6	South Lafourche	\$496,247	\$249,946	\$8,492	\$754,684	\$59,391	\$29,609	\$1,935	\$845,619
7	Central Lafourche	\$193,283	\$75,676	\$3,826	\$272,786	\$5,939	\$14,216	\$2,619	\$295,559
8	River Parishes	\$826,239	\$276,311	\$18,000	\$1,120,549	\$103,088	\$67,081	\$7,853	\$1,298,571
9	Upper Lafourche, Assumption, Ascension	\$229,839	\$63,891	\$11,047	\$304,778	\$53,613	\$48,838	\$7,577	\$414,805
10a	Central Basin Communities	\$373,771	\$46,894	\$5,841	\$426,506	\$237,735	\$24,052	\$773	\$689,066
10b	Central Basin Communities	\$190,323	\$57,420	\$3,697	\$251,439	\$172,357	\$13,583	\$1,133	\$438,512
DA 1-A		\$243,219	\$48,337	\$4,316	\$295,872	\$63,703	\$16,824	\$2,335	\$378,733
4a	Oil and Gas, Fishing, and Tourism Communities	\$262,732	\$75,480	\$1,756	\$339,967	\$43,495	\$4,902	\$122	\$388,487
4b	Oil and Gas, Fishing, and Tourism Communities	\$166	\$0	\$0	\$166	\$138,510	\$0	\$0	\$138,676
5	Industrial Communities-Port Fourchon	\$3,919	\$93,365	\$533	\$97,817	\$90	\$80	\$0	\$97,987
DA 1-B		\$899,049	\$71,055	\$8,530	\$978,634	\$108,499	\$32,204	\$788	\$1,120,125
DA 1-C		\$1,503	\$0	\$22	\$1,525	\$448	\$143	\$545	\$2,661
DA 2-D		\$10,141	\$5,599	\$63	\$15,803	\$2,798	\$219	\$136	\$18,957
DA 2-E		\$3,942	\$0	\$0	\$3,942	\$1,434	\$0	\$110	\$5,486
DA 2-F		\$21,071	\$34,864	\$473	\$56,408	\$7,022	\$693	\$309	\$64,433
DA 2-G		\$21,502	\$29,188	\$214	\$50,904	\$6,213	\$216	\$0	\$57,333
DA 2-H		\$3,649	\$52,314	\$612	\$56,575	\$2,564	\$32	\$86	\$59,257
DA 2-I		\$3,699	\$35,987	\$304	\$39,990	\$2,034	\$165	\$6	\$42,194
	Unprotected From 500-Year Under Alternative 2	\$4,652,704	\$1,563,254	\$83,211	\$6,299,169	\$1,201,354	\$316,643	\$28,129	\$7,845,295

**Table F-53
Damages to Planning Unit 3A
500-Year Storm-Alternative 2
(Thousands of Dollars)**

Number	Sub-Basin Name	Comm/Indus, Public & Ag Bldg Damage		Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
		Residential Damage							
2c	Gibson	\$13,240	\$11,411	\$294	\$24,945	\$4,073	\$967	\$2	\$29,987
2d	Donner	\$5,168	\$0	\$58	\$5,226	\$1,165	\$254	\$0	\$6,645
3	Houma	\$4,445,058	\$2,133,734	\$75,561	\$6,654,353	\$802,492	\$216,111	\$3,235	\$7,676,191
4	Thibodaux	\$349,748	\$76,968	\$14,370	\$441,086	\$277,141	\$72,390	\$1,033	\$791,649
7	Central Lafourche	\$1,000,021	\$268,779	\$14,165	\$1,282,965	\$195,494	\$53,304	\$2,799	\$1,534,561
8	North Lafourche, Assumption, & Ascension	\$6,375	\$641	\$4,227	\$11,243	\$91,793	\$25,416	\$3,595	\$132,047
DA 3A-B		\$630,918	\$229,836	\$9,888	\$870,643	\$131,509	\$36,976	\$3,049	\$1,042,177
	Protected From 500-Year Under Alternative 2	\$6,450,528	\$2,721,369	\$118,563	\$9,290,460	\$1,503,666	\$405,418	\$13,712	\$11,213,257
1a	Theriot	\$60,862	\$19,318	\$445	\$80,625	\$8,493	\$1,861	\$100	\$91,079
1b	Dulac	\$63,348	\$29,124	\$895	\$93,368	\$17,682	\$5,207	\$23	\$116,280
1c	Chauvin	\$308,860	\$117,456	\$4,633	\$430,949	\$70,037	\$20,521	\$382	\$521,888
1d	Montegut	\$93,405	\$19,999	\$1,376	\$114,780	\$19,983	\$5,783	\$190	\$140,736
1e	South of Houma	\$0	\$0	\$0	\$0	\$0	\$0	\$11	\$11
2a	Stephensville	\$9,026	\$909	\$119	\$10,054	\$2,260	\$429	\$42	\$12,785
2b	Amelia	\$34,278	\$10,434	\$673	\$45,386	\$11,380	\$3,525	\$2	\$60,292
5	Morgan City	\$669,658	\$710,993	\$17,699	\$1,398,350	\$180,448	\$40,847	\$48	\$1,619,693
6	South Lafourche	\$843,189	\$659,474	\$13,957	\$1,516,620	\$170,893	\$45,180	\$1,610	\$1,734,302
9	Pierre Part	\$168,457	\$40,389	\$2,978	\$211,824	\$41,413	\$10,303	\$28	\$263,568
DA 3A-A		\$683,609	\$178,270	\$9,108	\$870,987	\$168,335	\$36,346	\$0	\$1,075,668
DA 3A-E		\$455,267	\$274,043	\$6,262	\$735,572	\$98,983	\$27,659	\$1,644	\$863,858
DA 3A-C		\$52,743	\$258,363	\$2,261	\$313,368	\$13,754	\$3,232	\$349	\$330,703
DA 3A-F		\$61,198	\$3,357	\$357	\$64,912	\$14,536	\$1,619	\$227	\$81,293
DA 3A-G		\$142,622	\$89,425	\$1,311	\$233,357	\$35,747	\$3,222	\$204	\$272,531
DA 3A-H		\$130	\$0	\$0	\$130	\$30	\$0	\$0	\$160
	Unprotected From 500-Year Under Alternative 2	\$3,646,654	\$2,411,553	\$62,074	\$6,120,281	\$853,974	\$205,734	\$4,859	\$7,184,848

**Table F-54
Damages to Planning Unit 3B
500-Year Storm-Alternative 2
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg		Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
			Damage	Damage						
1	Berwick/Patterson	\$841,585	\$470,546	\$15,381	\$1,327,512	\$198,276	\$50,403	\$1,174	\$1,577,366	
2	Hwy 317	\$5,327	\$19,835	\$231	\$25,394	\$30,940	\$7,793	\$144	\$64,271	
3	Franklin	\$333,593	\$247,659	\$8,034	\$589,286	\$1,594	\$350	\$695	\$591,925	
4	Baldwin	\$84,453	\$11,696	\$1,386	\$97,535	\$104,009	\$26,574	\$470	\$228,588	
5	Cherenton	\$41,042	\$23,529	\$1,216	\$65,788	\$40	\$0	\$12	\$65,840	
6	Jeanerette	\$39,809	\$3,191	\$3,042	\$46,042	\$22,523	\$6,184	\$408	\$75,158	
7	Lydia	\$56,272	\$2,361	\$742	\$59,376	\$69,202	\$19,076	\$64	\$147,718	
8	New Iberia	\$403,567	\$192,158	\$25,088	\$620,814	\$15,845	\$3,432	\$121	\$640,212	
9	Loreauville	\$0	\$0	\$564	\$564	\$110	\$103,774	\$109	\$104,557	
10	Delcambre	\$134,143	\$110,016	\$2,605	\$246,764	\$8,354	\$2,984	\$9	\$258,111	
DA 3B-A		\$1,279,981	\$554,032	\$28,764	\$1,862,777	\$2,497	\$111,233	\$20,661	\$1,997,168	
	Protected From 500-Year Under Alternative 2	\$3,219,774	\$1,635,025	\$87,053	\$4,941,852	\$453,392	\$331,804	\$23,865	\$5,750,913	
4a	Avery Island	\$1,086	\$0	\$116	\$1,202	\$24,831	\$7,943	\$27	\$34,003	
4b	Weeks Island	\$0	\$0	\$0	\$0	\$0	\$0	\$78	\$78	
DA 3B-B		\$41,004	\$7,056	\$545	\$48,605	\$194	\$2,262	\$2,548	\$53,609	
DA 3B-C		\$515	\$42,456	\$147	\$43,118	\$0	\$45	\$263	\$43,426	
DA 3B-D		\$1,471	\$0	\$0	\$1,471	\$1,944	\$0	\$0	\$3,415	
DA 3B-E		\$50,675	\$11,248	\$215	\$62,137	\$5,997	\$773	\$94	\$69,001	
DA 3B-F		\$3,331	\$0	\$1	\$3,332	\$1,079	\$6	\$0	\$4,418	
DA 3B-G		\$221	\$0	\$3	\$224	\$32,623	\$13	\$16	\$32,876	
DA 3B-H		\$855	\$8,443	\$38	\$9,337	\$938	\$99	\$17	\$10,390	
DA 3B-I		\$5,107	\$0	\$0	\$5,107	\$2,450	\$0	\$0	\$7,557	
	Unprotected From 500-Year Under Alternative 2	\$104,265	\$69,203	\$1,066	\$174,534	\$70,056	\$11,140	\$3,043	\$258,773	

**Table F-55
Damages to Planning Unit 4
500-Year Storm-Alternative 2
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Lafayette	\$0	\$0	\$28,808	\$28,808	\$723,859	\$165,644	\$175	\$918,486
2	Abbeville	\$270,758	\$87,576	\$8,700	\$367,034	\$14,755	\$37,956	\$130	\$419,875
7a	Lake Charles	\$2,696,782	\$1,450,130	\$66,457	\$4,213,368	\$1,125	\$172,929	\$426	\$4,387,848
7b	Sulphur	\$991,875	\$394,790	\$20,711	\$1,407,375	\$7,736	\$61,234	\$219	\$1,476,564
8	Vinton	\$121,393	\$21,933	\$2,436	\$145,762	\$27,364	\$9,260	\$89	\$182,475
11d	Western Central CZM Communities	\$246,195	\$21,246	\$2,373	\$269,814	\$14,068	\$7,160	\$55	\$291,098
11e	Western Central CZM Communities	\$38,217	\$16,045	\$779	\$55,042	\$299	\$2,370	\$140	\$57,850
12b	Agricultural & Crawfish Communities	\$0	\$0	\$452	\$452	\$161,558	\$2,131	\$173	\$164,314
12c	Agricultural & Crawfish Communities	\$10,495	\$2,211	\$1,811	\$14,517	\$105,831	\$10,357	\$6	\$130,711
12d	Agricultural & Crawfish Communities	\$76,011	\$29,129	\$1,930	\$107,070	\$5,884	\$5,878	\$351	\$119,183
12e	Agricultural & Crawfish Communities	\$8,777	\$0	\$169	\$8,946	\$1,434	\$878	\$177	\$11,435
12f	Agricultural & Crawfish Communities	\$70,322	\$27,493	\$861	\$98,677	\$33,977	\$4,103	\$303	\$137,060
DA 4-B		\$3,762,341	\$1,114,684	\$60,165	\$4,937,191	\$791,092	\$208,696	\$6,541	\$5,943,519
DA 4-D		\$617,906	\$268,625	\$85,244	\$971,774	\$1,570,529	\$399,161	\$17,730	\$2,959,194
	Protected From 500-Year Under Alternative 2	\$8,911,073	\$3,433,861	\$280,897	\$12,625,831	\$3,459,510	\$1,087,759	\$26,514	\$17,199,613
3	Crowley	\$0	\$0	\$4,295	\$4,295	\$1,058	\$25,807	\$150	\$31,311
4	Jennings	\$290	\$0	\$323	\$613	\$3,466	\$1,571	\$178	\$5,827
5	Welsh	\$0	\$0	\$82	\$82	\$1,314	\$407	\$514	\$2,318
6	Iowa	\$29,454	\$2,891	\$1,914	\$34,259	\$45,344	\$8,955	\$392	\$88,950
9	Cameron	\$12,084	\$8,733	\$180	\$20,997	\$9,062	\$662	\$104	\$30,824
10a	Coastal Communities	\$68,118	\$18,416	\$275	\$86,809	\$11,778	\$665	\$0	\$99,252
10c	Coastal Communities	\$3,483	\$87,186	\$395	\$91,063	\$2,460	\$108	\$56	\$93,687
10d	Coastal Communities	\$15,683	\$20,344	\$219	\$36,245	\$68,241	\$652	\$346	\$105,484
10e	Coastal Communities	\$3,670	\$0	\$44	\$3,714	\$8,595	\$219	\$12	\$12,541
11a	Western Central CZM Communities	\$81,811	\$25,912	\$2,598	\$110,320	\$45,468	\$10,653	\$103	\$166,544
11b	Western Central CZM Communities	\$5,150	\$836	\$76	\$6,062	\$26,379	\$283	\$24	\$32,749
11c	Western Central CZM Communities	\$31,753	\$1,411	\$458	\$33,622	\$2,867	\$1,778	\$117	\$38,384
11f	Western Central CZM Communities	\$47,867	\$3,047	\$701	\$51,615	\$1,493	\$2,907	\$119	\$56,135
11g	Western Central CZM Communities	\$10,348	\$19,385	\$210	\$29,944	\$0	\$493	\$42	\$30,478
12a	Agricultural & Crawfish Communities	\$0	\$0	\$2,903	\$2,903	\$6,541	\$17,244	\$22	\$26,710
12g	Agricultural & Crawfish Communities	\$0	\$0	\$12	\$12	\$765,565	\$67	\$198	\$765,842
12h	Agricultural & Crawfish Communities	\$0	\$0	\$70	\$70	\$253,711	\$414	\$106	\$254,301
12j	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12k	Agricultural & Crawfish Communities	\$68	\$0	\$304	\$372	\$3,863	\$1,632	\$92	\$5,959
DA 4-A		\$429,582	\$73,596	\$8,325	\$511,503	\$132,380	\$35,707	\$16,520	\$696,110
DA 4-C		\$976,740	\$259,115	\$50,201	\$1,286,057	\$948,332	\$247,256	\$127,375	\$2,609,020
DA 4-E		\$426,473	\$311,355	\$6,489	\$744,318	\$113,463	\$21,077	\$9,127	\$887,985
	Unprotected From 500-Year Under Alternative 2	\$2,142,573	\$832,227	\$80,075	\$3,054,876	\$2,451,382	\$378,558	\$155,597	\$6,040,413

Table F-56
Housing Units at Risk
100-Year Storm-Alternative 2
Planning Unit 1

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1a	Florida Parishes & Amite River-Walker	386	1,041
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	866	1,790
3a	Lutcher, Gramercy	2,528	6,796
3b	Reserve/LaPlace	13,923	38,636
3c	Norce/St. Rose	8,137	22,960
3d	JP/NO Eastbank	261,260	568,985
3e	NO East to Hwy 11	34,667	94,536
3f	Lower 9th/St. Bernard	33,944	85,529
DA 1-A		13,611	34,321
DA 1-B		2,523	4,132
4	Plaquemines Eastbank	997	3,005
	Houses Protected From the 100-Year With Alternative 2	372,842	861,731
2	North Shore	58,664	148,815
DA 1-C		859	1,318
DA 1-D		1	4
	Houses Still At Risk From the 100-Year With Alternative 2	59,524	150,137

Table F-57
Housing Units at Risk
100-Year Storm-Alternative 2
Planning Unit 2

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Metro Area on the West Bank	96,108	254,555
2	Upper Plaquemines Parish	1,418	4,061
3	Lower Plaquemines Parish	4,524	10,945
4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046
6	South Lafourche	3,340	9,308
7	Central Lafourche	1,746	4,469
9	River Parishes	7,699	21,088
10	Upper Lafourche, Assumption, Ascension	5,625	15,353
11a	Central Basin Communities	2,815	7,561
11b	Central Basin Communities	1,657	4,270
DA 1-A		2,102	5,289
	Houses Protected From the 100-Year With Alternative 2	128,995	341,945
4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541
4b	Oil and Gas, Fishing, and Tourism Communities	3	0
5	Industrial Communities-Port Fourchon	180	25
DA 1-B		3,575	10,124
DA 1-C		15	45
DA 2-D		93	69
DA 2-E		48	0
DA 2-F		221	218
DA 2-G		204	68
DA 2-H		65	10
DA 2-I		58	52
	Houses Still At Risk From the 100-Year With Alternative 2	6,340	12,152

**Table F-58
Housing Units at Risk
100-Year Storm-Alternative 2
Planning Unit 3A**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
2c	Gibson	133	304
2d	Donner	39	80
3	Houma	25,625	67,938
4	Thibodaux	8,974	22,757
7	Central Lafourche	6,397	16,757
8	North Lafourche, Assumption, & Ascension	2,984	7,990
DA 3A-B		4,297	11,624
1a	Theriot	281	585
1b	Dulac	586	1,637
1c	Chauvin	2,304	6,451
1d	Montegut	659	1,818
1e	South of Houma	0	0
2a	Stephensville	75	135
2b	Amelia	377	1,108
5	Morgan City	5,688	12,841
6	South Lafourche	5,543	14,203
9	Pierre Part	1,355	3,239
DA 3A-A		5,561	11,426
DA 3A-E		3,253	8,695
	Houses Protected From the 100-Year With Alternative 2	74,131	189,588
DA 3A-C		402	1,016
DA 3A-F		484	509
DA 3A-G		1,170	1,013
DA 3A-H		1	0
	Houses Still At Risk From the 100-Year With Alternative 2	2,057	2,538

**Table F-59
Housing Units at Risk
100-Year Storm-Alternative 2
Planning Unit 3B**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Berwick/Patterson	6,435	15,845
2	Hwy 317	48	110
3	Franklin	3,352	8,354
4	Baldwin	822	2,497
5	Cherenton	738	1,944
6	Jeanerette	2,272	5,997
7	Lydia	411	1,079
8	New Iberia	12,880	32,623
9	Loreauville	361	938
10	Delcambre	1,003	2,450
DA 3B-A		12,464	34,968
	Houses Protected From the 100-Year With Alternative 2	40,786	106,805
4a	Avery Island	104	194
4b	Weeks Island	0	0
DA 3B-B		305	711
DA 3B-C		7	14
DA 3B-D		10	0
DA 3B-E		407	243
DA 3B-F		30	2
DA 3B-G		2	4
DA 3B-H		8	31
DA 3B-I		37	0
	Houses Still At Risk From the 100-Year With Alternative 2	910	1,199

Table F-60
Housing Units at Risk
100-Year Storm-Alternative 2
Planning Unit 4

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Lafayette	22,614	52,073
2	Abbeville	5,219	11,932
7a	Lake Charles	24,435	54,363
7b	Sulphur	8,207	19,250
8	Vinton	1,263	2,911
11d	Western Central CZM Communities	890	2,251
11e	Western Central CZM Communities	294	745
12b	Agricultural & Crawfish Communities	275	670
12c	Agricultural & Crawfish Communities	1,478	3,256
12d	Agricultural & Crawfish Communities	855	1,848
12e	Agricultural & Crawfish Communities	96	276
12f	Agricultural & Crawfish Communities	467	1,290
DA 4-B		25,830	65,607
DA 4-D		50,640	125,483
	Houses Protected From the 100-Year With Alternative 2	142,563	341,955
3	Crowley	3,341	8,113
4	Jennings	195	494
5	Welsh	48	128
6	Iowa	1,104	2,815
9	Cameron	128	208
10a	Coastal Communities	490	209
10c	Coastal Communities	24	34
10d	Coastal Communities	112	205
10e	Coastal Communities	44	69
11a	Western Central CZM Communities	1,490	3,349
11b	Western Central CZM Communities	37	89
11c	Western Central CZM Communities	257	559
11f	Western Central CZM Communities	391	914
11g	Western Central CZM Communities	79	155
12a	Agricultural & Crawfish Communities	2,223	5,421
12g	Agricultural & Crawfish Communities	10	21
12h	Agricultural & Crawfish Communities	50	130
12j	Agricultural & Crawfish Communities	0	0
12k	Agricultural & Crawfish Communities	217	513
DA 4-A		4,380	11,225
DA 4-C		31,037	77,729
DA 4-E		3,719	6,626
	Houses Still At Risk From the 100-Year With Alternative 2	49,376	119,006

**Table F-61
Housing Units at Risk
500-Year Storm-Alternative 2
Planning Unit 1**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1a	Florida Parishes & Amite River-Walker	386	1,041
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	866	1,790
3a	Lutcher, Gramercy	2,528	6,796
3b	Reserve/LaPlace	13,923	38,636
3c	Norce/St. Rose	8,137	22,960
3d	JP/NO Eastbank	261,260	568,985
3e	NO East to Hwy 11	34,667	94,536
3f	Lower 9th/St. Bernard	33,944	85,529
DA 1-A		13,611	34,321
DA 1-B		2,523	4,132
	Houses Protected From the 500-Year With Alternative 2	371,845	858,726
4	Plaquemines Eastbank	997	3,005
2	North Shore	58,664	148,815
DA 1-C		859	1,318
DA 1-D		1	4
	Houses Still At Risk From the 500-Year With Alternative 2	60,521	153,142

**Table F-62
Housing Units at Risk
500-Year Storm-Alternative 2
Planning Unit 2**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Metro Area on the West Bank	96,108	254,555
	Houses Protected From the 500-Year With Alternative 2	96,108	254,555
2	Upper Plaquemines Parish	1,418	4,061
3	Lower Plaquemines Parish	4,524	10,945
4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046
6	South Lafourche	3,340	9,308
7	Central Lafourche	1,746	4,469
9	River Parishes	7,699	21,088
10	Upper Lafourche, Assumption, Ascension	5,625	15,353
11a	Central Basin Communities	2,815	7,561
11b	Central Basin Communities	1,657	4,270
DA 1-A		2,102	5,289
4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541
4b	Oil and Gas, Fishing, and Tourism Communities	3	0
5	Industrial Communities-Port Fourchon	180	25
DA 1-B		3,575	10,124
DA 1-C		15	45
DA 2-D		93	69
DA 2-E		48	0
DA 2-F		221	218
DA 2-G		204	68
DA 2-H		65	10
DA 2-I		58	52
	Houses Still At Risk From the 500-Year With Alternative 2	39,227	99,542

**Table F-63
Housing Units at Risk
500-Year Storm-Alternative 2
Planning Unit 3A**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
2c	Gibson	133	304
2d	Donner	39	80
3	Houma	25,625	67,938
4	Thibodaux	8,974	22,757
7	Central Lafourche	6,397	16,757
8	North Lafourche, Assumption, & Ascension	2,984	7,990
DA 3A-B		4,297	4,297
	Houses Protected From the 500-Year With Alternative 2	48,449	120,123
1a	Theriot	281	585
1b	Dulac	586	1,637
1c	Chauvin	2,304	6,451
1d	Montegut	659	1,818
1e	South of Houma	0	0
2a	Stephensville	75	135
2b	Amelia	377	1,108
5	Morgan City	5,688	12,841
6	South Lafourche	5,543	14,203
9	Pierre Part	1,355	3,239
DA 3A-A		5,561	11,426
DA 3A-E		3,253	8,695
DA 3A-C		402	1,016
DA 3A-F		484	509
DA 3A-G		1,170	1,013
DA 3A-H		1	0
	Houses Still At Risk From the 500-Year With Alternative 2	27,739	64,676

Table F-64
Housing Units at Risk
500-Year Storm-Alternative 2
Planning Unit 3B

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Berwick/Patterson	6,435	15,845
2	Hwy 317	48	110
3	Franklin	3,352	8,354
4	Baldwin	822	2,497
5	Cherenton	738	1,944
6	Jeanerette	2,272	5,997
7	Lydia	411	1,079
8	New Iberia	12,880	32,623
9	Loreauville	361	938
10	Delcambre	1,003	2,450
DA 3B-A		12,464	34,968
	Houses Protected From the 500-Year With Alternative 2	40,786	106,805
4a	Avery Island	104	194
4b	Weeks Island	0	0
DA 3B-B		305	711
DA 3B-C		7	14
DA 3B-D		10	0
DA 3B-E		407	243
DA 3B-F		30	2
DA 3B-G		2	4
DA 3B-H		8	31
DA 3B-I		37	0
	Houses Still At Risk From the 500-Year With Alternative 2	910	1,199

**Table F-65
Housing Units at Risk
500-Year Storm-Alternative 2
Planning Unit 4**

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1	Lafayette	22,614	52,073
2	Abbeville	5,219	11,932
7a	Lake Charles	24,435	54,363
7b	Sulphur	8,207	19,250
8	Vinton	1,263	2,911
11d	Western Central CZM Communities	890	2,251
11e	Western Central CZM Communities	294	745
12b	Agricultural & Crawfish Communities	275	670
12c	Agricultural & Crawfish Communities	1,478	3,256
12d	Agricultural & Crawfish Communities	855	1,848
12e	Agricultural & Crawfish Communities	96	276
12f	Agricultural & Crawfish Communities	467	1,290
DA 4-B		25,830	65,607
DA 4-D		50,640	125,483
	Houses Protected From the 500-Year With Alternative 2	142,563	341,955
3	Crowley	3,341	8,113
4	Jennings	195	494
5	Welsh	48	128
6	Iowa	1,104	2,815
9	Cameron	128	208
10a	Coastal Communities	490	209
10c	Coastal Communities	24	34
10d	Coastal Communities	112	205
10e	Coastal Communities	44	69
11a	Western Central CZM Communities	1,490	3,349
11b	Western Central CZM Communities	37	89
11c	Western Central CZM Communities	257	559
11f	Western Central CZM Communities	391	914
11g	Western Central CZM Communities	79	155
12a	Agricultural & Crawfish Communities	2,223	5,421
12g	Agricultural & Crawfish Communities	10	21
12h	Agricultural & Crawfish Communities	50	130
12j	Agricultural & Crawfish Communities	0	0
12k	Agricultural & Crawfish Communities	217	513
DA 4-A		4,380	11,225
DA 4-C		31,037	77,729
DA 4-E		3,719	6,626
	Houses Still At Risk From the 500-Year With Alternative 2	49,376	119,006

**Table F-66
Damages to Planning Unit 1
100-Year Storm-Preferred Plan
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1a	Florida Parishes & Amite River-Walker	\$0	\$0	\$0	\$0	\$8,827	\$2,484	\$84	\$11,394
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	\$12,258	\$2,006	\$647	\$14,910	\$19,745	\$4,270	\$61	\$38,986
2	North Shore	\$2,401,548	\$396,935	\$82,594	\$2,881,078	\$1,357,314	\$355,035	\$1,998	\$4,595,426
3a	Lutcher, Gramercy	\$303,721	\$48,897	\$10,306	\$362,924	\$58,088	\$16,214	\$85	\$437,311
3b	Reserve/LaPlace	\$1,799,741	\$230,446	\$38,892	\$2,069,079	\$319,766	\$92,176	\$960	\$2,481,980
3c	Norce/St. Rose	\$1,310,426	\$271,204	\$32,964	\$1,614,593	\$188,534	\$54,777	\$197	\$1,858,101
3d	JP/NO Eastbank	\$28,888,196	\$8,300,401	\$1,126,314	\$38,314,910	\$6,055,103	\$1,357,456	\$440	\$45,727,910
3e	NO East to Hwy 11	\$5,144,046	\$670,271	\$138,215	\$5,952,532	\$790,389	\$225,539	\$180	\$6,968,640
3f	Lower 9th/St. Bernard	\$4,710,379	\$698,370	\$136,095	\$5,544,844	\$775,641	\$204,051	\$988	\$6,525,524
DA 1-A		\$507,409	\$115,945	\$17,097	\$640,451	\$310,245	\$81,881	\$4,343	\$1,036,920
DA 1-B		\$333,989	\$23,621	\$7,348	\$364,958	\$56,966	\$9,858	\$119	\$431,900
4	Plaquemines Eastbank	\$128,126	\$53,325	\$4,010	\$185,460	\$22,830	\$7,169	\$509	\$215,968
	Protected From 100-Year Under Preferred Alternative	\$45,539,840	\$10,811,419	\$1,594,481	\$57,945,740	\$9,963,447	\$2,410,910	\$9,964	\$70,330,061
DA 1-C		\$82,443	\$27,050	\$2,093	\$111,586	\$19,512	\$3,144	\$587	\$134,829
DA 1-D		\$58	\$4,953	\$40	\$5,050	\$53	\$10	\$0	\$5,113
	Unprotected From 100-Year Under Preferred Alternative	\$82,501	\$32,002	\$2,133	\$116,636	\$19,565	\$3,154	\$587	\$139,942

Table F-67
Damages to Planning Unit 2
100-Year Storm-Preferred Plan
(Thousands of Dollars)

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Metro Area on the West Bank	\$14,177,270	\$2,267,674	\$395,856	\$16,840,799	\$2,205,008	\$607,305	\$731	\$19,653,843
2	Upper Plaquemines Parish	\$191,058	\$76,622	\$5,820	\$273,501	\$63,944	\$9,689	\$576	\$347,709
4c	Oil and Gas, Fishing, and Tourism Communities	\$231,692	\$56,256	\$7,380	\$295,328	\$42,669	\$12,038	\$35	\$350,071
6	South Lafourche	\$416,140	\$210,249	\$14,807	\$641,196	\$44,543	\$22,207	\$1,451	\$709,398
7	Central Lafourche	\$61,062	\$25,454	\$2,970	\$89,486	\$4,454	\$10,662	\$1,964	\$106,565
9	River Parishes	\$387,008	\$118,037	\$18,264	\$523,309	\$77,316	\$50,311	\$5,890	\$656,826
10	Upper Lafourche, Assumption, Ascension	\$32,206	\$9,819	\$1,489	\$43,513	\$40,210	\$36,628	\$5,682	\$126,034
11a	Central Basin Communities	\$207,947	\$26,724	\$7,852	\$242,522	\$178,301	\$18,039	\$580	\$439,442
11b	Central Basin Communities	\$90,431	\$43,316	\$6,466	\$140,213	\$129,268	\$10,187	\$850	\$280,518
DA 1-A		\$153,447	\$34,433	\$7,881	\$195,761	\$47,777	\$12,618	\$1,751	\$257,907
DA 1-B		\$736,892	\$57,065	\$14,094	\$808,050	\$81,374	\$24,153	\$591	\$914,168
	Protected From 100-Year Under Preferred Alternative	\$16,685,152	\$2,925,649	\$482,878	\$20,093,680	\$2,914,865	\$813,837	\$20,101	\$23,842,482
3	Lower Plaquemines Parish	\$400,626	\$191,635	\$16,534	\$608,796	\$37,704	\$26,112	\$739	\$673,351
4a	Oil and Gas, Fishing, and Tourism Communities	\$243,767	\$66,158	\$3,110	\$313,035	\$32,622	\$3,676	\$92	\$349,425
4b	Oil and Gas, Fishing, and Tourism Communities	\$52	\$0	\$0	\$52	\$103,882	\$0	\$0	\$103,934
5	Industrial Communities-Port Fourchon	\$2,063	\$63,464	\$540	\$66,067	\$67	\$60	\$0	\$66,194
DA 1-C		\$1,489	\$0	\$51	\$1,540	\$336	\$107	\$409	\$2,393
DA 2-D		\$8,816	\$4,710	\$138	\$13,664	\$2,098	\$165	\$102	\$16,029
DA 2-E		\$2,824	\$0	\$0	\$2,824	\$1,075	\$0	\$83	\$3,982
DA 2-F		\$19,979	\$32,150	\$685	\$52,815	\$5,267	\$520	\$232	\$58,833
DA 2-G		\$14,228	\$20,609	\$271	\$35,109	\$4,660	\$162	\$0	\$39,931
DA 2-H		\$3,227	\$51,127	\$622	\$54,976	\$1,923	\$24	\$65	\$56,988
DA 2-I		\$3,491	\$35,269	\$363	\$39,123	\$1,525	\$124	\$4	\$40,776
	Unprotected From 100-Year Under Preferred Alternative	\$700,563	\$465,122	\$22,316	\$1,188,001	\$191,159	\$30,950	\$1,726	\$1,411,837

**Table F-68
Damages to Planning Unit 3A
100-Year Storm-Preferred Plan
(Thousands of Dollars)**

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
2c	Gibson	\$13,107	\$8,276	\$535	\$21,919	\$3,054	\$725	\$2	\$25,700
2d	Donner	\$4,978	\$0	\$136	\$5,114	\$874	\$191	\$0	\$6,178
3	Houma	\$2,269,550	\$748,155	\$70,498	\$3,088,203	\$601,869	\$162,083	\$2,426	\$3,854,581
4	Thibodaux	\$38,873	\$12,706	\$2,470	\$54,049	\$207,855	\$54,293	\$774	\$316,971
7	Central Lafourche	\$341,603	\$55,136	\$11,526	\$408,266	\$146,620	\$39,978	\$2,099	\$596,963
DA 3A-B		\$348,065	\$133,046	\$13,373	\$494,484	\$98,632	\$27,732	\$2,287	\$623,134
1a	Theriot	\$59,168	\$15,714	\$784	\$75,667	\$6,370	\$1,396	\$75	\$83,507
1b	Dulac	\$61,997	\$26,313	\$2,071	\$90,381	\$13,262	\$3,905	\$17	\$107,565
1c	Chauvin	\$306,475	\$110,313	\$9,088	\$425,876	\$52,528	\$15,390	\$286	\$494,081
1d	Montegut	\$93,354	\$19,568	\$2,581	\$115,503	\$14,987	\$4,337	\$142	\$134,970
1e	South of Houma	\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$9
2a	Stephensville	\$9,006	\$826	\$211	\$10,043	\$1,695	\$322	\$31	\$12,092
2b	Amelia	\$28,425	\$4,775	\$1,263	\$34,462	\$8,535	\$2,643	\$1	\$45,642
5	Morgan City	\$570,582	\$468,526	\$27,233	\$1,066,341	\$135,336	\$30,635	\$36	\$1,232,349
6	South Lafourche	\$768,829	\$603,207	\$23,584	\$1,395,620	\$128,169	\$33,885	\$1,208	\$1,558,882
8	North Lafourche, Assumption, & Ascension	\$25	\$0	\$0	\$25	\$68,845	\$19,062	\$2,696	\$90,628
9	Pierre Part	\$68,717	\$8,991	\$2,405	\$80,113	\$31,060	\$7,727	\$21	\$118,921
DA 3A-A		\$563,897	\$108,646	\$14,897	\$687,440	\$126,252	\$27,260	\$0	\$840,951
DA 3A-E		\$443,874	\$249,612	\$11,909	\$705,395	\$74,237	\$20,744	\$1,233	\$801,609
	Protected From 100-Year Under Preferred Alternative	\$5,990,526	\$2,573,809	\$194,565	\$8,758,900	\$1,720,179	\$452,310	\$13,344	\$10,944,733
DA 3A-C		\$50,698	\$164,911	\$2,913	\$218,521	\$10,316	\$2,424	\$261	\$231,523
DA 3A-F		\$61,172	\$3,193	\$687	\$65,052	\$10,902	\$1,214	\$170	\$77,338
DA 3A-G		\$132,435	\$75,175	\$2,039	\$209,649	\$26,810	\$2,417	\$153	\$239,029
DA 3A-H		\$112	\$0	\$0	\$112	\$22	\$0	\$0	\$134
	Unprotected From 100-Year Under Preferred Alternative	\$244,416	\$243,279	\$5,638	\$493,334	\$48,050	\$6,055	\$584	\$548,023

**Table F-69
Damages to Planning Unit 3B
100-Year Storm-Preferred Plan
(Thousands of Dollars)**

Number	Sub-Basin	Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Berwick/Patterson	\$778,643	\$335,632	\$26,518	\$1,140,792	\$148,707	\$37,802	\$881	\$1,328,183
2	Hwy 317	\$5,210	\$17,203	\$303	\$22,716	\$23,205	\$5,845	\$108	\$51,874
3	Franklin	\$268,525	\$147,889	\$13,133	\$429,547	\$1,196	\$262	\$521	\$431,527
4	Baldwin	\$41,314	\$1,379	\$1,701	\$44,394	\$78,007	\$19,931	\$352	\$142,684
5	Cherenton	\$271	\$0	\$14	\$285	\$30	\$0	\$9	\$324
6	Jeanerette	\$0	\$0	\$0	\$0	\$16,893	\$4,638	\$306	\$21,837
7	Lydia	\$40,888	\$1,004	\$1,244	\$43,136	\$51,901	\$14,307	\$48	\$109,393
8	New Iberia	\$9,643	\$462	\$244	\$10,348	\$11,884	\$2,574	\$90	\$24,897
9	Loreauville	\$0	\$0	\$0	\$0	\$83	\$77,830	\$82	\$77,995
10	Delcambre	\$116,003	\$61,219	\$4,359	\$181,581	\$6,266	\$2,238	\$7	\$190,091
DA 3B-A		\$513,974	\$175,491	\$17,537	\$707,001	\$1,873	\$83,425	\$15,495	\$807,794
	Protected From 100-Year Under Preferred Alternative	\$1,774,472	\$740,278	\$65,052	\$2,579,801	\$340,044	\$248,853	\$17,899	\$3,186,597
4a	Avery Island	\$856	\$0	\$23	\$879	\$18,623	\$5,957	\$20	\$25,479
4b	Weeks Island	\$0	\$0	\$0	\$0	\$2,495	\$463	\$58	\$3,017
DA 3B-B		\$40,648	\$6,350	\$1,035	\$48,033	\$146	\$1,696	\$1,911	\$51,785
DA 3B-C		\$433	\$16,149	\$149	\$16,731	\$0	\$33	\$197	\$16,962
DA 3B-D		\$1,382	\$0	\$0	\$1,382	\$1,458	\$0	\$0	\$2,840
DA 3B-E		\$50,612	\$10,626	\$431	\$61,669	\$4,498	\$580	\$70	\$66,817
DA 3B-F		\$3,331	\$0	\$4	\$3,335	\$809	\$5	\$0	\$4,149
DA 3B-G		\$221	\$0	\$7	\$229	\$24,467	\$10	\$12	\$24,717
DA 3B-H		\$838	\$6,758	\$54	\$7,650	\$704	\$74	\$13	\$8,440
DA 3B-I		\$5,105	\$0	\$0	\$5,105	\$1,838	\$0	\$0	\$6,942
	Unprotected From 100-Year Under Preferred Alternative	\$103,427	\$39,882	\$1,703	\$145,012	\$55,037	\$8,818	\$2,282	\$211,149

**Table F-70
Damages to Planning Unit 4
100-Year Storm-Preferred Plan
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Lafayette	\$0	\$0	\$0	\$0	\$0	\$0	\$131	\$131
2	Abbeville	\$0	\$0	\$0	\$0	\$0	\$0	\$98	\$98
3	Crowley	\$0	\$0	\$0	\$0	\$0	\$0	\$112	\$112
4	Jennings	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$133
5	Welsh	\$0	\$0	\$0	\$0	\$0	\$0	\$386	\$386
6	Iowa	\$0	\$0	\$0	\$0	\$0	\$0	\$294	\$294
8	Vinton	\$0	\$0	\$0	\$0	\$0	\$0	\$67	\$67
11a	Western Central CZM Communities	\$3,196	\$233	\$136	\$3,565	\$34,101	\$7,990	\$77	\$45,733
11b	Western Central CZM Communities	\$32	\$0	\$0	\$32	\$19,785	\$212	\$18	\$20,047
11c	Western Central CZM Communities	\$3,296	\$0	\$49	\$3,345	\$2,150	\$1,334	\$88	\$6,917
11d	Western Central CZM Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$42	\$42
11e	Western Central CZM Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$105	\$105
12a	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$16	\$16
12b	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$130	\$130
12c	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$5
12d	Agricultural & Crawfish Communities	\$4,853	\$0	\$127	\$4,980	\$4,413	\$4,409	\$263	\$14,065
12e	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$133
12f	Agricultural & Crawfish Communities	\$63,699	\$14,786	\$1,694	\$80,179	\$25,483	\$3,078	\$227	\$108,966
12g	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$149	\$149
12h	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$80	\$80
12j	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12k	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$69	\$69
7a	Lake Charles	\$386,065	\$143,606	\$19,756	\$549,427	\$844	\$129,697	\$319	\$680,286
7b	Sulphur	\$0	\$0	\$0	\$0	\$0	\$0	\$164	\$164
DA 4-A		\$79,272	\$6,484	\$2,419	\$88,175	\$99,285	\$26,780	\$12,390	\$226,630
DA 4-B		\$377,529	\$103,221	\$11,548	\$492,299	\$593,319	\$156,522	\$4,906	\$1,247,045
DA 4-C		\$348,954	\$97,007	\$10,166	\$456,127	\$711,249	\$185,442	\$95,531	\$1,448,350
DA 4-D		\$241,809	\$56,424	\$7,771	\$306,005	\$1,177,897	\$299,371	\$13,297	\$1,796,570
	Protected From 100-Year Under Preferred Alternative	\$1,508,706	\$421,762	\$53,666	\$1,984,133	\$2,668,526	\$814,834	\$129,229	\$5,596,722
9	Cameron	\$10,794	\$8,733	\$360	\$19,887	\$6,796	\$496	\$78	\$27,258
10a	Coastal Communities	\$47,464	\$18,413	\$485	\$66,362	\$8,834	\$499	\$0	\$75,694
10c	Coastal Communities	\$3,477	\$63,640	\$421	\$67,539	\$1,845	\$81	\$42	\$69,507
10d	Coastal Communities	\$13,938	\$20,344	\$367	\$34,648	\$51,181	\$489	\$259	\$86,577
10e	Coastal Communities	\$3,272	\$0	\$95	\$3,368	\$6,446	\$165	\$9	\$9,987
11f	Western Central CZM Communities	\$28,469	\$2,357	\$1,327	\$32,153	\$1,120	\$2,181	\$89	\$35,543
11g	Western Central CZM Communities	\$8,248	\$17,992	\$318	\$26,558	\$0	\$370	\$31	\$26,959
DA 4-E		\$345,358	\$282,605	\$11,280	\$639,242	\$85,097	\$15,808	\$6,845	\$746,993
	Unprotected From 100-Year Under Preferred Alternative	\$461,021	\$414,084	\$14,653	\$889,757	\$161,319	\$20,088	\$7,354	\$1,078,518

**Table F-71
Damages to Planning Unit 1
500-Year Storm-Preferred Alternative
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1a	Florida Parishes & Amite River-Walker	\$0	\$0	\$739	\$739	\$11,769	\$3,311	\$112	\$15,932
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	\$48,152	\$8,601	\$1,626	\$58,379	\$26,326	\$5,694	\$81	\$90,479
2	North Shore	\$6,753,941	\$1,062,378	\$141,261	\$7,957,580	\$1,809,752	\$473,381	\$2,665	\$10,243,376
3a	Lutcher, Gramercy	\$347,133	\$63,366	\$5,733	\$416,232	\$77,450	\$21,618	\$114	\$515,414
3b	Reserve/LaPlace	\$2,530,392	\$386,498	\$32,681	\$2,949,571	\$426,354	\$122,901	\$1,280	\$3,500,106
3c	Norce/St. Rose	\$1,590,474	\$337,798	\$22,434	\$1,950,706	\$251,379	\$73,036	\$262	\$2,275,383
3d	JP/NO Eastbank	\$29,381,156	\$8,814,960	\$571,206	\$38,767,322	\$8,073,471	\$1,809,941	\$587	\$48,651,321
3e	NO East to Hwy 11	\$5,158,439	\$676,777	\$62,526	\$5,897,742	\$1,053,852	\$300,719	\$240	\$7,252,553
3f	Lower 9th/St. Bernard	\$4,758,019	\$742,368	\$66,911	\$5,567,298	\$1,034,188	\$272,068	\$1,318	\$6,874,871
DA 1-A		\$823,963	\$181,618	\$26,559	\$1,032,140	\$413,660	\$109,175	\$5,790	\$1,560,766
DA 1-B		\$387,998	\$25,302	\$3,800	\$417,099	\$75,955	\$13,144	\$158	\$506,356
	Protected From 500-Year Under Preferred Alternative	\$51,779,667	\$12,299,665	\$935,474	\$65,014,807	\$13,254,157	\$3,204,988	\$12,606	\$81,486,557
4	Plaquemines Eastbank	\$128,759	\$54,937	\$1,925	\$185,621	\$30,440	\$9,559	\$679	\$226,298
DA 1-C		\$84,405	\$28,112	\$1,123	\$113,640	\$26,017	\$4,193	\$782	\$144,631
DA 1-D		\$64	\$5,810	\$37	\$5,911	\$70	\$13	\$0	\$5,994
	Unprotected From 500-Year Under Preferred Alternative	\$213,229	\$88,859	\$3,084	\$305,172	\$56,526	\$13,764	\$1,461	\$376,923

Table F-72
Damages to Planning Unit 2
500-Year Storm-Preferred Alternative
(Thousands of Dollars)

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Metro Area on the West Bank	\$14,675,131	\$2,445,004	\$203,181	\$17,323,317	\$2,940,011	\$809,739	\$975	\$21,074,041
	Protected From 500-Year Under Preferred Alternative	\$14,675,131	\$2,445,004	\$203,181	\$17,323,317	\$2,940,011	\$809,739	\$975	\$21,074,041
2	Upper Plaquemines Parish	\$198,275	\$84,004	\$3,252	\$285,531	\$85,258	\$12,918	\$768	\$384,475
4c	Oil and Gas, Fishing, and Tourism Communities	\$254,570	\$64,105	\$3,754	\$322,430	\$56,892	\$16,051	\$47	\$395,420
6	South Lafourche	\$496,247	\$249,946	\$8,492	\$754,684	\$59,391	\$29,609	\$1,935	\$845,619
7	Central Lafourche	\$193,283	\$75,676	\$3,826	\$272,786	\$5,939	\$14,216	\$2,619	\$295,559
9	River Parishes	\$826,239	\$276,311	\$18,000	\$1,120,549	\$103,088	\$67,081	\$7,853	\$1,298,571
10	Upper Lafourche, Assumption, Ascension	\$229,839	\$63,891	\$11,047	\$304,778	\$53,613	\$48,838	\$7,577	\$414,805
11a	Central Basin Communities	\$373,771	\$46,894	\$5,841	\$426,506	\$237,735	\$24,052	\$773	\$689,066
11b	Central Basin Communities	\$190,323	\$57,420	\$3,697	\$251,439	\$172,357	\$13,583	\$1,133	\$438,512
DA 1-A		\$243,219	\$48,337	\$4,316	\$295,872	\$63,703	\$16,824	\$2,335	\$378,733
DA 1-B		\$899,049	\$71,055	\$8,530	\$978,634	\$108,499	\$32,204	\$788	\$1,120,125
3	Lower Plaquemines Parish	\$415,567	\$198,817	\$8,479	\$622,863	\$50,272	\$34,816	\$986	\$708,937
4a	Oil and Gas, Fishing, and Tourism Communities	\$262,732	\$75,480	\$1,756	\$339,967	\$43,495	\$4,902	\$122	\$388,487
4b	Oil and Gas, Fishing, and Tourism Communities	\$166	\$0	\$0	\$166	\$138,510	\$0	\$0	\$138,676
5	Industrial Communities-Port Fourchon	\$3,919	\$93,365	\$533	\$97,817	\$90	\$80	\$0	\$97,987
DA 1-C		\$1,503	\$0	\$22	\$1,525	\$448	\$143	\$545	\$2,661
DA 2-D		\$10,141	\$5,599	\$63	\$15,803	\$2,798	\$219	\$136	\$18,957
DA 2-E		\$3,942	\$0	\$0	\$3,942	\$1,434	\$0	\$110	\$5,486
DA 2-F		\$21,071	\$34,864	\$473	\$56,408	\$7,022	\$693	\$309	\$64,433
DA 2-G		\$21,502	\$29,188	\$214	\$50,904	\$6,213	\$216	\$0	\$57,333
DA 2-H		\$3,649	\$52,314	\$612	\$56,575	\$2,564	\$32	\$86	\$59,257
DA 2-I		\$3,699	\$35,987	\$304	\$39,990	\$2,034	\$165	\$6	\$42,194
	Unprotected From 500-Year Under Preferred Alternative	\$4,652,704	\$1,563,254	\$83,211	\$6,299,169	\$1,201,354	\$316,643	\$28,129	\$7,845,295

**Table F-73
Damages to Planning Unit 3A
500-Year Storm-Preferred Alternative
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
2c	Gibson	\$13,240	\$11,411	\$294	\$24,945	\$4,073	\$967	\$2	\$29,987
2d	Donner	\$5,168	\$0	\$58	\$5,226	\$1,165	\$254	\$0	\$6,645
3	Houma	\$4,445,058	\$2,133,734	\$75,561	\$6,654,353	\$802,492	\$216,111	\$3,235	\$7,676,191
4	Thibodaux	\$349,748	\$76,968	\$14,370	\$441,086	\$277,141	\$72,390	\$1,033	\$791,649
7	Central Lafourche	\$1,000,021	\$268,779	\$14,165	\$1,282,965	\$195,494	\$53,304	\$2,799	\$1,534,561
DA 3A-B		\$630,918	\$229,836	\$9,888	\$870,643	\$131,509	\$36,976	\$3,049	\$1,042,177
	Protected From 500-Year Under Preferred Alternative	\$6,444,153	\$2,720,728	\$114,336	\$9,279,217	\$1,411,873	\$380,002	\$10,118	\$11,081,210
1a	Theriot	\$60,862	\$19,318	\$445	\$80,625	\$8,493	\$1,861	\$100	\$91,079
1b	Dulac	\$63,348	\$29,124	\$895	\$93,368	\$17,682	\$5,207	\$23	\$116,280
1c	Chauvin	\$308,860	\$117,456	\$4,633	\$430,949	\$70,037	\$20,521	\$382	\$521,888
1d	Montegut	\$93,405	\$19,999	\$1,376	\$114,780	\$19,983	\$5,783	\$190	\$140,736
1e	South of Houma	\$0	\$0	\$0	\$0	\$0	\$0	\$11	\$11
2a	Stephensville	\$9,026	\$909	\$119	\$10,054	\$2,260	\$429	\$42	\$12,785
2b	Amelia	\$34,278	\$10,434	\$673	\$45,386	\$11,380	\$3,525	\$2	\$60,292
5	Morgan City	\$669,658	\$710,993	\$17,699	\$1,398,350	\$180,448	\$40,847	\$48	\$1,619,693
6	South Lafourche	\$843,189	\$659,474	\$13,957	\$1,516,620	\$170,893	\$45,180	\$1,610	\$1,734,302
8	North Lafourche, Assumption, & Ascension	\$6,375	\$641	\$4,227	\$11,243	\$91,793	\$25,416	\$3,595	\$132,047
9	Pierre Part	\$168,457	\$40,389	\$2,978	\$211,824	\$41,413	\$10,303	\$28	\$263,568
DA 3A-A		\$683,609	\$178,270	\$9,108	\$870,987	\$168,335	\$36,346	\$0	\$1,075,668
DA 3A-E		\$455,267	\$274,043	\$6,262	\$735,572	\$98,983	\$27,659	\$1,644	\$863,858
DA 3A-C		\$52,743	\$258,363	\$2,261	\$313,368	\$13,754	\$3,232	\$349	\$330,703
DA 3A-F		\$61,198	\$3,357	\$357	\$64,912	\$14,536	\$1,619	\$227	\$81,293
DA 3A-G		\$142,622	\$89,425	\$1,311	\$233,357	\$35,747	\$3,222	\$204	\$272,531
DA 3A-H		\$130	\$0	\$0	\$130	\$30	\$0	\$0	\$160
	Unprotected From 500-Year Under Preferred Alternative	\$3,653,029	\$2,412,194	\$66,302	\$6,131,524	\$945,766	\$231,151	\$8,454	\$7,316,895

**Table F-74
Damages to Planning Unit 3B
500-Year Storm-Preferred Alternative
(Thousands of Dollars)**

Number	Sub-Basin	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
	Name								
1	Berwick/Patterson	\$841,585	\$470,546	\$15,381	\$1,327,512	\$198,276	\$50,403	\$1,174	\$1,577,366
2	Hwy 317	\$5,327	\$19,835	\$231	\$25,394	\$30,940	\$7,793	\$144	\$64,271
3	Franklin	\$333,593	\$247,659	\$8,034	\$589,286	\$1,594	\$350	\$695	\$591,925
4	Baldwin	\$84,453	\$11,696	\$1,386	\$97,535	\$104,009	\$26,574	\$470	\$228,588
5	Cherenton	\$41,042	\$23,529	\$1,216	\$65,788	\$40	\$0	\$12	\$65,840
6	Jeanerette	\$39,809	\$3,191	\$3,042	\$46,042	\$22,523	\$6,184	\$408	\$75,158
7	Lydia	\$56,272	\$2,361	\$742	\$59,376	\$69,202	\$19,076	\$64	\$147,718
8	New Iberia	\$403,567	\$192,158	\$25,088	\$620,814	\$15,845	\$3,432	\$121	\$640,212
9	Loreauville	\$0	\$0	\$564	\$564	\$110	\$103,774	\$109	\$104,557
10	Delcambre	\$134,143	\$110,016	\$2,605	\$246,764	\$8,354	\$2,984	\$9	\$258,111
DA 3B-A		\$1,279,981	\$554,032	\$28,764	\$1,862,777	\$2,497	\$111,233	\$20,661	\$1,997,168
	Protected From 500-Year Under Preferred Alternative	\$3,219,774	\$1,635,025	\$87,053	\$4,941,852	\$453,392	\$331,804	\$23,865	\$5,750,913
4a	Avery Island	\$1,086	\$0	\$116	\$1,202	\$24,831	\$7,943	\$27	\$34,003
4b	Weeks Island	\$0	\$0	\$0	\$0	\$0	\$0	\$78	\$78
DA 3B-B		\$41,004	\$7,056	\$545	\$48,605	\$194	\$2,262	\$2,548	\$53,609
DA 3B-C		\$515	\$42,456	\$147	\$43,118	\$0	\$45	\$263	\$43,426
DA 3B-D		\$1,471	\$0	\$0	\$1,471	\$1,944	\$0	\$0	\$3,415
DA 3B-E		\$50,675	\$11,248	\$215	\$62,137	\$5,997	\$773	\$94	\$69,001
DA 3B-F		\$3,331	\$0	\$1	\$3,332	\$1,079	\$6	\$0	\$4,418
DA 3B-G		\$221	\$0	\$3	\$224	\$32,623	\$13	\$16	\$32,876
DA 3B-H		\$855	\$8,443	\$38	\$9,337	\$938	\$99	\$17	\$10,390
DA 3B-I		\$5,107	\$0	\$0	\$5,107	\$2,450	\$0	\$0	\$7,557
	Unprotected From 500-Year Under Preferred Alternative	\$104,265	\$69,203	\$1,066	\$174,534	\$70,056	\$11,140	\$3,043	\$258,773

**Table F-75
Damages to Planning Unit 4
500-Year Storm-Preferred Alternative
(Thousands of Dollars)**

Number	Sub-Basin Name	Residential Damage	Comm/Indus, Public & Ag Bldg Damage	Vehicle Damage	Total Damage to Structures/Vehicles	Emergency Costs	Infrastructure Damage	Agricultural Crop Damage	Total Damages
1	Lafayette	\$0	\$0	\$28,808	\$28,808	\$723,859	\$165,644	\$175	\$918,486
2	Abbeville	\$270,758	\$87,576	\$8,700	\$367,034	\$14,755	\$37,956	\$130	\$419,875
6	Iowa	\$29,454	\$2,891	\$1,914	\$34,259	\$45,344	\$8,955	\$392	\$88,950
8	Vinton	\$121,393	\$21,933	\$2,436	\$145,762	\$27,364	\$9,260	\$89	\$182,475
12f	Agricultural & Crawfish Communities	\$70,322	\$27,493	\$861	\$98,677	\$33,977	\$4,103	\$303	\$137,060
7a	Lake Charles	\$2,696,782	\$1,450,130	\$66,457	\$4,213,368	\$1,125	\$172,929	\$426	\$4,387,848
7b	Sulphur	\$991,875	\$394,790	\$20,711	\$1,407,375	\$7,736	\$61,234	\$219	\$1,476,564
DA 4-A		\$429,582	\$73,596	\$8,325	\$511,503	\$132,380	\$35,707	\$16,520	\$696,110
DA 4-B		\$3,762,341	\$1,114,684	\$60,165	\$4,937,191	\$791,092	\$208,696	\$6,541	\$5,943,519
	Protected From 500-Year Under Preferred Alternative	\$8,372,508	\$3,173,093	\$198,377	\$11,743,978	\$1,777,633	\$704,483	\$24,793	\$14,250,887
3	Crowley	\$0	\$0	\$4,295	\$4,295	\$1,058	\$25,807	\$150	\$31,311
4	Jennings	\$290	\$0	\$323	\$613	\$3,466	\$1,571	\$178	\$5,827
5	Welsh	\$0	\$0	\$82	\$82	\$1,314	\$407	\$514	\$2,318
9	Cameron	\$12,084	\$8,733	\$180	\$20,997	\$9,062	\$662	\$104	\$30,824
10a	Coastal Communities	\$68,118	\$18,416	\$275	\$86,809	\$11,778	\$665	\$0	\$99,252
10c	Coastal Communities	\$3,483	\$87,186	\$395	\$91,063	\$2,460	\$108	\$56	\$93,687
10d	Coastal Communities	\$15,683	\$20,344	\$219	\$36,245	\$68,241	\$652	\$346	\$105,484
10e	Coastal Communities	\$3,670	\$0	\$44	\$3,714	\$8,595	\$219	\$12	\$12,541
11a	Western Central CZM Communities	\$81,811	\$25,912	\$2,598	\$110,320	\$45,468	\$10,653	\$103	\$166,544
11b	Western Central CZM Communities	\$5,150	\$836	\$76	\$6,062	\$26,379	\$283	\$24	\$32,749
11c	Western Central CZM Communities	\$31,753	\$1,411	\$458	\$33,622	\$2,867	\$1,778	\$117	\$38,384
11d	Western Central CZM Communities	\$246,195	\$21,246	\$2,373	\$269,814	\$14,068	\$7,160	\$55	\$291,098
11e	Western Central CZM Communities	\$38,217	\$16,045	\$779	\$55,042	\$299	\$2,370	\$140	\$57,850
11f	Western Central CZM Communities	\$47,867	\$3,047	\$701	\$51,615	\$1,493	\$2,907	\$119	\$56,135
11g	Western Central CZM Communities	\$10,348	\$19,385	\$210	\$29,944	\$0	\$493	\$42	\$30,478
12a	Agricultural & Crawfish Communities	\$0	\$0	\$2,903	\$2,903	\$6,541	\$17,244	\$22	\$26,710
12b	Agricultural & Crawfish Communities	\$0	\$0	\$452	\$452	\$161,558	\$2,131	\$173	\$164,314
12c	Agricultural & Crawfish Communities	\$10,495	\$2,211	\$1,811	\$14,517	\$105,831	\$10,357	\$6	\$130,711
12d	Agricultural & Crawfish Communities	\$76,011	\$29,129	\$1,930	\$107,070	\$5,884	\$5,878	\$351	\$119,183
12e	Agricultural & Crawfish Communities	\$8,777	\$0	\$169	\$8,946	\$1,434	\$878	\$177	\$11,435
12g	Agricultural & Crawfish Communities	\$0	\$0	\$12	\$12	\$765,565	\$67	\$198	\$765,842
12h	Agricultural & Crawfish Communities	\$0	\$0	\$70	\$70	\$253,711	\$414	\$106	\$254,301
12j	Agricultural & Crawfish Communities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12k	Agricultural & Crawfish Communities	\$68	\$0	\$304	\$372	\$3,863	\$1,632	\$92	\$5,959
DA 4-C		\$976,740	\$259,115	\$50,201	\$1,286,057	\$948,332	\$247,256	\$127,375	\$2,609,020
DA 4-D		\$617,906	\$268,625	\$85,244	\$971,774	\$1,570,529	\$399,161	\$17,730	\$2,959,194
DA 4-E		\$426,473	\$311,355	\$6,489	\$744,318	\$113,463	\$21,077	\$9,127	\$887,985
	Unprotected From 500-Year Under Preferred Alternative	\$2,681,138	\$1,092,996	\$162,594	\$3,936,729	\$4,133,259	\$761,834	\$157,318	\$8,989,139

Table F-76
Housing Units at Risk
100-Year Storm-Preferred Plan
Planning Unit 1

Number	Sub-Basin	Housing Units	2000 Population
	Name		
1a	Florida Parishes & Amite River-Walker	386	1,041
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	866	1,790
2	North Shore	58,664	148,815
3a	Lutcher, Gramercy	2,528	6,796
3b	Reserve/LaPlace	13,923	38,636
3c	Norce/St. Rose	8,137	22,960
3d	JP/NO Eastbank	261,260	568,985
3e	NO East to Hwy 11	34,667	94,536
3f	Lower 9th/St. Bernard	33,944	85,529
DA 1-A		13,611	34,321
DA 1-B		2,523	4,132
4	Plaquemines Eastbank	997	3,005
	Houses Protected From the 100-Year With Preferred Alternative	431,506	1,010,546
DA 1-C		859	1,318
DA 1-D		1	4
	Houses Still At Risk From the 100-Year With Preferred Alternative	860	1,322

Table F-77
Housing Units at Risk
100-Year Storm-Preferred Plan
Planning Unit 2

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Metro Area on the West Bank	96,108	254,555
2	Upper Plaquemines Parish	1,418	4,061
4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046
6	South Lafourche	3,340	9,308
7	Central Lafourche	1,746	4,469
9	River Parishes	7,699	21,088
10	Upper Lafourche, Assumption, Ascension	5,625	15,353
11a	Central Basin Communities	2,815	7,561
11b	Central Basin Communities	1,657	4,270
DA 1-A		2,102	5,289
DA 1-B		3,575	10,124
	Houses Protected From the 100-Year With Preferred Alternative	128,046	341,124
3	Lower Plaquemines Parish	4,524	10,945
4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541
4b	Oil and Gas, Fishing, and Tourism Communities	3	0
5	Industrial Communities-Port Fourchon	180	25
DA 1-C		15	45
DA 2-D		93	69
DA 2-E		48	0
DA 2-F		221	218
DA 2-G		204	68
DA 2-H		65	10
DA 2-I		58	52
	Houses Still At Risk From the 100-Year With Preferred Alternative	7,289	12,973

Table F-78
Housing Units at Risk
100-Year Storm-Preferred Plan
Planning Unit 3A

Sub-Basin		Housing Units	2000 Population
Number	Name		
2c	Gibson	133	304
2d	Donner	39	80
3	Houma	25,625	67,938
4	Thibodaux	8,974	22,757
7	Central Lafourche	6,397	16,757
DA 3A-B		4,297	11,624
1a	Theriot	281	585
1b	Dulac	586	1,637
1c	Chauvin	2,304	6,451
1d	Montegut	659	1,818
1e	South of Houma	0	0
2a	Stephensville	75	135
2b	Amelia	377	1,108
5	Morgan City	5,688	12,841
6	South Lafourche	5,543	14,203
8	North Lafourche, Assumption, & Ascension	2,984	7,990
9	Pierre Part	1,355	3,239
DA 3A-A		5,561	11,426
DA 3A-E		3,253	8,695
	Houses Protected From the 100-Year With Preferred Alternative	74,131	189,588
DA 3A-C		402	1,016
DA 3A-F		484	509
DA 3A-G		1,170	1,013
DA 3A-H		1	0
	Houses Still At Risk From the 100-Year With Preferred Alternative	2,057	2,538

Table F-79
Housing Units at Risk
100-Year Storm-Preferred Plan
Planning Unit 3B

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Berwick/Patterson	6,435	15,845
2	Hwy 317	48	110
3	Franklin	3,352	8,354
4	Baldwin	822	2,497
5	Cherenton	738	1,944
6	Jeanerette	2,272	5,997
7	Lydia	411	1,079
8	New Iberia	12,880	32,623
9	Loreauville	361	938
10	Delcambre	1,003	2,450
DA 3B-A		12,464	34,968
	Houses Protected From the 100-Year With Preferred Alternative	40,786	106,805
4a	Avery Island	104	194
4b	Weeks Island	0	0
DA 3B-B		305	711
DA 3B-C		7	14
DA 3B-D		10	0
DA 3B-E		407	243
DA 3B-F		30	2
DA 3B-G		2	4
DA 3B-H		8	31
DA 3B-I		37	0
	Houses Still At Risk From the 100-Year With Preferred Alternative	910	1,199

Table F-80
Housing Units at Risk
100-Year Storm-Preferred Plan
Planning Unit 4

Number	Sub-Basin		Housing Units	2000 Population
	Name			
1	Lafayette		22,614	52,073
2	Abbeville		5,219	11,932
3	Crowley		3,341	8,113
4	Jennings		195	494
5	Welsh		48	128
6	Iowa		1,104	2,815
8	Vinton		1,263	2,911
11a	Western Central CZM Communities		1,490	3,349
11b	Western Central CZM Communities		37	89
11c	Western Central CZM Communities		257	559
11d	Western Central CZM Communities		890	2,251
11e	Western Central CZM Communities		294	745
12a	Agricultural & Crawfish Communities		2,223	5,421
12b	Agricultural & Crawfish Communities		275	670
12c	Agricultural & Crawfish Communities		1,478	3,256
12d	Agricultural & Crawfish Communities		855	1,848
12e	Agricultural & Crawfish Communities		96	276
12f	Agricultural & Crawfish Communities		467	1,290
12g	Agricultural & Crawfish Communities		10	21
12h	Agricultural & Crawfish Communities		50	130
12j	Agricultural & Crawfish Communities		0	0
12k	Agricultural & Crawfish Communities		217	513
7a	Lake Charles		24,435	54,363
7b	Sulphur		8,207	19,250
DA 4-A			4,380	11,225
DA 4-B			25,830	65,607
DA 4-C			31,037	77,729
DA 4-D			50,640	125,483
	Houses Protected From the 100-Year With Preferred Alternative		186,952	452,541
9	Cameron		128	208
10a	Coastal Communities		490	209
10c	Coastal Communities		24	34
10d	Coastal Communities		112	205
10e	Coastal Communities		44	69
11f	Western Central CZM Communities		391	914
11g	Western Central CZM Communities		79	155
DA 4-E			3,719	6,626
	Houses Still At Risk From the 100-Year With Preferred Alternative		4,987	8,420

**Table F-81
Housing Units at Risk
500-Year Storm-Preferred Plan
Planning Unit 1**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1a	Florida Parishes & Amite River-Walker	386	1,041
1b	Florida Parishes & Amite River-Port Vincent/French Settlement	866	1,790
2	North Shore	58,664	148,815
3a	Lutcher, Gramercy	2,528	6,796
3b	Reserve/LaPlace	13,923	38,636
3c	Norce/St. Rose	8,137	22,960
3d	JP/NO Eastbank	261,260	568,985
3e	NO East to Hwy 11	34,667	94,536
3f	Lower 9th/St. Bernard	33,944	85,529
DA 1-A		13,611	34,321
DA 1-B		2,523	4,132
	Houses Protected From the 500-Year With Preferred Alternative	430,509	1,007,541
4	Plaquemines Eastbank	997	3,005
DA 1-C		859	1,318
DA 1-D		1	4
	Houses Still At risk From the 500-Year With Preferred Alternative	1,857	4,327

**Table F-82
Housing Units at Risk
500-Year Storm-Preferred Plan
Planning Unit 2**

Sub-Basin		Housing Units	2000 Population
Number	Name		
1	Metro Area on the West Bank	96,108	254,555
Houses Protected From the 500-Year With Preferred Alternative		96,108	254,555
2	Upper Plaquemines Parish	1,418	4,061
4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046
6	South Lafourche	3,340	9,308
7	Central Lafourche	1,746	4,469
9	River Parishes	7,699	21,088
10	Upper Lafourche, Assumption, Ascension	5,625	15,353
11a	Central Basin Communities	2,815	7,561
11b	Central Basin Communities	1,657	4,270
DA 1-A		2,102	5,289
DA 1-B		3,575	10,124
3	Lower Plaquemines Parish	4,524	10,945
4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541
4b	Oil and Gas, Fishing, and Tourism Communities	3	0
5	Industrial Communities-Port Fourchon	180	25
DA 1-C		15	45
DA 2-D		93	69
DA 2-E		48	0
DA 2-F		221	218
DA 2-G		204	68
DA 2-H		65	10
DA 2-I		58	52
Houses Still At risk From the 500-Year With Preferred Alternative		39,227	99,542

**Table F-83
Housing Units at Risk
500-Year Storm-Preferred Plan
Planning Unit 3A**

Number	Sub-Basin		Housing Units	2000 Population
	Name			
2c	Gibson		133	304
2d	Donner		39	80
3	Houma		25,625	67,938
4	Thibodaux		8,974	22,757
7	Central Lafourche		6,397	16,757
DA 3A-B			4,297	11,624
	Houses Protected From the 500-Year With Preferred Alternative		45,465	119,460
1a	Theriot		281	585
1b	Dulac		586	1,637
1c	Chauvin		2,304	6,451
1d	Montegut		659	1,818
1e	South of Houma		0	0
2a	Stephensville		75	135
2b	Amelia		377	1,108
5	Morgan City		5,688	12,841
6	South Lafourche		5,543	14,203
8	North Lafourche, Assumption, & Ascension		2,984	7,990
9	Pierre Part		1,355	3,239
DA 3A-A			5,561	11,426
DA 3A-E			3,253	8,695
DA 3A-C			402	1,016
DA 3A-F			484	509
DA 3A-G			1,170	1,013
DA 3A-H			1	0
	Houses Still At risk From the 500-Year With Preferred Alternative		30,723	72,666

**Table F-84
Housing Units at Risk
500-Year Storm-Preferred Plan
Planning Unit 3B**

Number	Sub-Basin		Housing Units	2000 Population
	Name			
1	Berwick/Patterson		6,435	15,845
2	Hwy 317		48	110
3	Franklin		3,352	8,354
4	Baldwin		822	2,497
5	Cherenton		738	1,944
6	Jeanerette		2,272	5,997
7	Lydia		411	1,079
8	New Iberia		12,880	32,623
9	Loreauville		361	938
10	Delcambre		1,003	2,450
DA 3B-A			12,464	34,968
	Houses Protected From the 500-Year With Preferred Alternative		40,786	106,805
4a	Avery Island		104	194
4b	Weeks Island		0	0
DA 3B-B			305	711
DA 3B-C			7	14
DA 3B-D			10	0
DA 3B-E			407	243
DA 3B-F			30	2
DA 3B-G			2	4
DA 3B-H			8	31
DA 3B-I			37	0
	Houses Still At risk From the 500-Year With Preferred Alternative		910	1,199

**Table F-85
Housing Units at Risk
500-Year Storm-Preferred Plan
Planning Unit 4**

Number	Sub-Basin		Housing Units	2000 Population
	Name			
1	Lafayette		22,614	52,073
2	Abbeville		5,219	11,932
6	Iowa		1,104	2,815
7a	Lake Charles		24,435	54,363
7b	Sulphur		8,207	19,250
8	Vinton		1,263	2,911
12f	Agricultural & Crawfish Communities		467	1,290
DA 4-A			4,380	11,225
DA 4-B			25,830	65,607
	Houses Protected From the 500-Year With Preferred Alternative		93,519	221,466
3	Crowley		3,341	8,113
4	Jennings		195	494
5	Welsh		48	128
9	Cameron		128	208
10a	Coastal Communities		490	209
10c	Coastal Communities		24	34
10d	Coastal Communities		112	205
10e	Coastal Communities		44	69
11a	Western Central CZM Communities		1,490	3,349
11b	Western Central CZM Communities		37	89
11c	Western Central CZM Communities		257	559
11d	Western Central CZM Communities		890	2,251
11e	Western Central CZM Communities		294	745
11f	Western Central CZM Communities		391	914
11g	Western Central CZM Communities		79	155
12a	Agricultural & Crawfish Communities		2,223	5,421
12b	Agricultural & Crawfish Communities		275	670
12c	Agricultural & Crawfish Communities		1,478	3,256
12d	Agricultural & Crawfish Communities		855	1,848
12e	Agricultural & Crawfish Communities		96	276
12g	Agricultural & Crawfish Communities		10	21
12h	Agricultural & Crawfish Communities		50	130
12j	Agricultural & Crawfish Communities		0	0
12k	Agricultural & Crawfish Communities		217	513
DA 4-C			31,037	77,729
DA 4-D			50,640	125,483
DA 4-E			3,719	6,626
	Houses Still At risk From the 500-Year With Preferred Alternative		98,420	239,495

**Table F-86
Summary of Consequences of 100 and 500-Year Storms
(Thousands of Dollars)**

100-Year Storm Consequences							
Planning Unit	Existing Conditions	Preferred Alternative	Reduction	Alternative 1	Reduction	Alternative 2	Reduction
1	\$11,247,929	\$139,942	\$11,107,987	\$139,942	\$11,107,987	\$4,735,367	\$6,512,562
2	\$3,870,018	\$1,411,836	\$2,458,182	\$389,061	\$3,480,957	\$1,652,655	\$2,217,363
3A	\$10,403,287	\$548,023	\$9,855,264	\$548,023	\$9,855,264	\$548,023	\$9,855,264
3B	\$2,069,563	\$211,149	\$1,858,414	\$130,868	\$1,938,695	\$211,149	\$1,858,414
4	\$6,675,241	\$1,078,518	\$5,596,723	\$1,009,011	\$5,666,230	\$2,827,435	\$3,847,806
Total	\$34,266,038	\$3,389,468	\$30,876,570	\$2,216,905	\$32,049,133	\$9,974,629	\$24,291,409

500-Year Storm Consequences							
Planning Unit	Existing Conditions	Preferred Alternative	Reduction	Alternative 1	Reduction	Alternative 2	Reduction
1	\$81,863,481	\$376,923	\$81,486,558	\$10,620,300	\$71,243,181	\$10,620,300	\$71,243,181
2	\$28,919,337	\$7,845,295	\$21,074,042	\$1,584,409	\$27,334,928	\$7,845,295	\$21,074,042
3A	\$19,011,567	\$7,316,895	\$11,694,672	\$684,686	\$18,326,881	\$7,184,848	\$11,826,719
3B	\$4,432,320	\$258,773	\$4,173,547	\$171,084	\$4,261,236	\$258,773	\$4,173,547
4	\$23,240,026	\$8,989,139	\$14,250,887	\$1,222,700	\$22,017,326	\$6,040,413	\$17,199,613
Total	\$157,466,731	\$24,787,025	\$132,679,706	\$14,283,179	\$143,183,552	\$31,949,629	\$125,517,102

**Table F-87
Residences At Risk
Existing, Preferred Alternatives, Alternative 1, and Alternative 2
100-Year and 500-Year Storms**

Planning Unit	100-Year				500-Year			
	Existing	Preferred Alternative	Alt 1	Alt 2	Existing	Preferred Alternative	Alt 1	Alt 2
PU 1	102,495	860	860	59,542	432,366	1,857	60,521	60,521
PU 2	29,945	7,289	887	6,340	135,335	39,227	7,289	39,227
PU 3A	70,645	2,057	2,057	2,057	76,188	30,723	2,057	27,739
PU 3B	35,261	910	501	910	35,261	910	501	910
PU 4	191,939	4,987	4,963	49,376	191,939	98,420	4,963	49,376
Total	430,285	16,103	9,268	118,225	871,089	171,137	75,331	177,773

Table F-88
Summary of Damages From the 100 and 500-Year Storms by Planning Unit and Category
Existing Conditions, Preferred Alternatives, Alternative 1, and Alternative 2
(Thousands of Dollars)

Planning Unit 1								
Category	100-Year Storm				500-Year Storm			
	Existing	Preferred Alternative	Alt 1	Alt 2	Existing	Preferred Alternative	Alt 1	Alt 2
Damage to Structures	\$8,250,090	\$116,636	\$116,636	\$2,997,714	\$65,319,979	\$305,172	\$8,262,751	\$8,262,751
Damage to Agricultural Crops	\$8,942	\$587	\$587	\$2,585	\$14,067	\$1,461	\$4,126	\$4,126
Damage to Infrastructure	\$627,018	\$3,154	\$3,154	\$358,189	\$3,218,752	\$13,764	\$487,145	\$487,145
Emergency Costs	\$2,361,879	\$19,565	\$19,565	\$1,376,879	\$13,310,683	\$56,526	\$1,866,278	\$1,866,278
Total	\$11,247,929	\$139,942	\$139,942	\$4,735,367	\$81,863,481	\$376,923	\$10,620,300	\$10,620,300

Planning Unit 2								
Category	100-Year Storm				500-Year Storm			
	Existing	Preferred Alternative	Alt 1	Alt 2	Existing	Preferred Alternative	Alt 1	Alt 2
Damage to Structures	\$2,917,388	\$1,188,001	\$266,170	\$1,387,255	\$23,622,486	\$6,299,169	\$1,285,962	\$6,299,169
Damage to Agricultural Crops	\$18,330	\$1,726	\$895	\$1,578	\$29,103	\$28,129	\$2,301	\$28,129
Damage to Infrastructure	\$179,475	\$30,950	\$1,162	\$28,992	\$1,126,383	\$316,643	\$41,267	\$316,643
Emergency Costs	\$754,825	\$191,159	\$120,834	\$234,830	\$4,141,365	\$1,201,354	\$254,879	\$1,201,354
Total	\$3,870,018	\$1,411,836	\$389,061	\$1,652,655	\$28,919,337	\$7,845,295	\$1,584,409	\$7,845,295

Planning Unit 3A								
Category	100-Year Storm				500-Year Storm			
	Existing	Preferred Alternative	Alt 1	Alt 2	Existing	Preferred Alternative	Alt 1	Alt 2
Damage to Structures	\$8,258,614	\$493,334	\$493,334	\$493,334	\$15,934,321	\$6,131,524	\$611,767	\$6,120,281
Damage to Agricultural Crops	\$13,269	\$584	\$584	\$584	\$19,302	\$8,454	\$779	\$4,859
Damage to Infrastructure	\$440,586	\$6,055	\$6,055	\$6,055	\$632,628	\$231,151	\$8,073	\$205,734
Emergency Costs	\$1,690,818	\$48,050	\$48,050	\$48,050	\$2,425,316	\$945,766	\$64,067	\$853,974
Total	\$10,403,287	\$548,023	\$548,023	\$548,023	\$19,011,567	\$7,316,895	\$684,686	\$7,184,848

Planning Unit 3B								
Category	100-Year Storm				500-Year Storm			
	Existing	Preferred Alternative	Alt 1	Alt 2	Existing	Preferred Alternative	Alt 1	Alt 2
Damage to Structures	\$1,584,020	\$145,012	\$96,191	\$145,012	\$3,788,873	\$174,534	\$124,727	\$174,534
Damage to Agricultural Crops	\$19,301	\$2,282	\$293	\$2,282	\$25,734	\$3,043	\$390	\$3,043
Damage to Infrastructure	\$219,868	\$8,818	\$701	\$8,818	\$292,541	\$11,140	\$935	\$11,140
Emergency Costs	\$246,374	\$55,037	\$33,773	\$55,037	\$325,172	\$70,056	\$45,031	\$70,056
Total	\$2,069,563	\$211,149	\$130,958	\$211,149	\$4,432,320	\$258,773	\$171,083	\$258,773

Planning Unit 4								
Category	100-Year Storm				500-Year Storm			
	Existing	Preferred Alternative	Alt 1	Alt 2	Existing	Preferred Alternative	Alt 1	Alt 2
Damage to Structures	\$2,873,891	\$889,757	\$822,218	\$1,441,001	\$15,680,707	\$3,936,729	\$973,642	\$3,054,876
Damage to Agricultural Crops	\$136,583	\$7,354	\$7,312	\$116,698	\$182,111	\$157,318	\$9,750	\$155,597
Damage to Infrastructure	\$834,922	\$20,088	\$20,007	\$241,846	\$1,466,317	\$761,834	\$26,676	\$378,558
Emergency Costs	\$2,829,845	\$161,319	\$159,474	\$1,027,890	\$5,910,891	\$4,133,259	\$212,632	\$2,451,382
Total	\$6,675,241	\$1,078,518	\$1,009,011	\$2,827,435	\$23,240,026	\$8,989,140	\$1,222,700	\$6,040,413

Total	\$34,266,038	\$3,389,468	\$2,216,995	\$9,974,629	\$157,466,731	\$24,787,026	\$14,283,178	\$31,949,629
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Table F-89

Ranking of Concentrated Asset Areas by Number of Housing Units at Risk Under Existing Conditions

Yellow Indicates These Areas Are Protected From the 100-Year Storm Under Existing Conditions

Green Indicates These Areas Are Protected From the 100-Year and 500-Year Storms Under Existing Conditions

PU	CA	Name	Housing Units	Population	Damage to Structures and Vehicles	
					500-Year Damage	100-Year Damage
1	3d	Jefferson Parish/NO Eastbank	261,260	568,985	\$39,325,676	\$38,314,910
2	1	Metro Area on the West Bank	96,108	254,555	\$17,577,742	\$16,875,942
1	2	North Shore	58,664	148,815	\$7,999,547	\$2,881,078
1	3e	NO East to Hwy 11	34,667	94,536	\$5,973,562	\$5,952,532
1	3f	Lower 9th/St Bernard	33,944	85,529	\$5,636,641	\$5,544,844
3a	3	Houma	25,625	67,938	\$6,703,461	\$3,088,203
4	7a	Lake Charles	24,435	54,363	\$4,262,390	\$549,427
4	1	Lafayette	22,614	52,073	\$0	\$0
1	3b	Reserve/LaPlace	13,923	38,636	\$2,974,294	\$2,069,079
3b	8	New Iberia	12,880	32,623	\$616,771	\$10,348
3a	4	Thibodaux	8,974	22,757	\$441,891	\$54,049
4	7b	Sulphur	8,207	19,250	\$1,422,447	\$0
1	3c	Norce/St Rose	8,137	22,960	\$1,965,142	\$1,614,593
2	8	River Parishes	7,699	21,088	\$1,136,480	\$523,309
3b	1	Berwick/Patterson	6,435	15,845	\$1,339,482	\$1,140,792
3a	7	Central Lafourche	6,397	16,757	\$1,295,034	\$408,266
3a	5	Morgan City	5,688	12,841	\$1,409,861	\$1,066,341
2	9	North Lafourche	5,625	15,353	\$307,203	\$43,513
3a	6	South Lafourche	5,543	14,203	\$1,526,286	\$1,395,620
4	2	Abbeville	5,219	11,932	\$372,447	\$0
2	3	Lower Plaquemine Parish	4,524	10,945	\$662,259	\$634,563
3b	3	Franklin	3,352	8,354	\$596,313	\$429,547
4	3	Crowley	3,341	8,113	\$0	\$0
2	6	South Lafourche	3,340	9,308	\$761,000	\$641,196
3a	8	North Lafourche, Assumption, & Ascension	2,984	7,990	\$7,315	\$25
2	10a	Central Basin Communities	2,815	7,561	\$431,494	\$242,522
1	3a	Lutcher	2,528	6,796	\$421,026	\$362,924
3a	1c	Chauvin	2,304	6,451	\$435,404	\$425,876
3b	6	Jeaneratte	2,272	5,997	\$45,277	\$0
4	12a	Agricultural & Crawfish Communities	2,223	5,421	\$0	\$0
2	4c	Oil and Gas, Fishing, and Tourism Communities	1,961	5,046	\$326,055	\$295,328
2	4a	Oil and Gas, Fishing, and Tourism Communities	1,878	1,541	\$341,322	\$313,035
2	7	Central Lafourche	1,746	4,469	\$276,074	\$89,486
2	10b	Central Basin Communities	1,657	4,270	\$254,209	\$140,213
4	11a	Western Central CZM Communities	1,490	3,349	\$111,358	\$3,565
4	12c	Agricultural & Crawfish Communities	1,478	3,256	\$12,920	\$0
2	2	Upper Plaquemine Parish	1,418	4,061	\$288,099	\$273,501
3a	9	Stephensville & Pierre Part	1,355	3,239	\$214,314	\$80,113
4	8	Vinton	1,263	2,911	\$147,977	\$0
4	6	Iowa	1,104	2,815	\$33,750	\$0
3b	10	Delcambre	1,003	2,450	\$248,606	\$181,581
1	4	Plaquemines Eastbank	997	3,005	\$187,706	\$185,460
4	11d	Western Central CZM Communities	890	2,251	\$271,184	\$0
1	1b	Florida Parishes & Amite River - Port Vincent/French Settlement	866	1,790	\$59,023	\$14,910

PU	CA	Name	Housing Units	Population	Damage to Structures and Vehicles	
					500-Year Damage	100-Year Damage
4	12d	Agricultural & Crawfish Communities	855	1,848	\$108,765	\$4,980
3b	4	Baldwin	822	2,497	\$99,289	\$44,394
3b	5	Charenton	738	1,944	\$66,202	\$285
3a	1d	Montegut	659	1,818	\$115,985	\$115,503
3a	1b	Dulac	586	1,637	\$94,543	\$90,381
4	10a	Coastal Communiteis	490	209	\$87,019	\$66,362
4	12f	Agricultural & Crawfish Communities	467	1,290	\$99,526	\$80,179
3b	7	Lydia	411	1,079	\$60,155	\$43,136
4	11f	Western Central CZM Communities	391	914	\$52,241	\$32,153
1	1a	Florida Parishes & Amite River - Walker	386	1,041	\$0	\$0
3a	2b	Amelia	377	1,108	\$45,976	\$34,462
3b	9	Loreauville	361	938	\$0	\$0
4	11e	Western Central CZM Communities	294	745	\$55,505	\$0
3a	1a	Theroit	281	585	\$80,964	\$75,667
4	12b	Agricultural & Crawfish Communities	275	670	\$0	\$0
4	11c	Western Central CZM Communities	257	559	\$33,987	\$3,345
4	12k	Agricultural & Crawfish Communities	217	513	\$73	\$0
4	4	Jennings	195	494	\$297	\$0
2	5	Industrial Communities - Port Fouchon	180	25	\$111,516	\$73,188
3a	2c	Gibson	133	304	\$25,186	\$21,919
4	9	Cameron	128	208	\$21,177	\$19,887
4	10d	Coastal Communiteis	112	205	\$36,393	\$34,648
3b	4a	Avery Island	104	194	\$1,111	\$879
4	12e	Agricultural & Crawfish Communities	96	276	\$9,006	\$0
4	11g	Western Central CZM Communities	79	155	\$30,052	\$26,558
3a	2a	Stephensville	75	135	\$10,146	\$10,043
4	12h	Agricultural & Crawfish Communities	50	130	\$0	\$0
3b	2	HWY 317	48	110	\$25,466	\$22,716
4	5	Welsh	48	128	\$0	\$0
4	10e	Coastal Communiteis	44	69	\$3,766	\$3,368
3a	2d	Donner	39	80	\$5,304	\$5,114
4	11b	Western Central CZM Communities	37	89	\$6,128	\$32
4	10c	Coastal Communiteis	24	34	\$91,090	\$67,539
4	12g	Agricultural & Crawfish Communities	10	21	\$0	\$0
2	4b	Oil and Gas, Fishing, and Tourism Communities	3	0	\$166	\$52
4	12j	Agricultural & Crawfish Communities	0	0	\$0	\$0
3a	1e	South of Houma	0	0	\$0	\$0
3b	4b	Weeks Island	0	0	\$0	\$0