Coastal Discovery Report (Final)

HSFE04-13-J-0097

Lee County (Unincorporated Areas), City of Bonita Springs, City of Cape Coral, City of Fort Myers, Town of Fort Myers Beach, City of Sanibel, Hendry County (Unincorporated Areas), and City of LaBelle, Florida

October 8, 2014

Federal Emergency Management Agency
Department of Homeland Security
3003 Chamblee-Tucker Road
Atlanta, GA 30341

Table of Contents

Figures

Tables

Appendices

Acronyms and Abbreviations

AAL	Average Annualized Loss
ADCIRC	Advanced Circulation Model
BFE	Base Flood Elevation
CAV	Community Assistance Visit
CBRS	Coastal Barrier Resources System
CCCL	Coastal Construction Control Line
CEPD	Captiva Erosion Prevention District
CFR	Code of Federal Regulations
CHHA	Coastal High Hazard Area
CHWM	Coastal High Water Mark
CID	Community Identification Number
CIS	Community Information System
C-MAN	Coastal Marine Automated Network
COMPS	Coastal Ocean Monitoring and Prediction System
CO-OPS	Center for Operational Oceanographic Products and Services
CRS	Community Rating System
EDT	Eastern Daylight Time
ESRI	Environmental Systems Research Institute
EST	Eastern Standard Time
FBS	Floodplain Boundary Standard
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FEMA	Federal Emergency Management Agency
FGDL	Florida Geographic Data Library
FIPS	Federal Information Processing Standard
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
GIS	Geographic Information System
Hazus-MH	Multi-Hazard Risk Assessment and Loss Estimation Program
HUC	Hydrologic Unit Code
JALBTCX	Joint Airborne LiDAR Bathymetry Technical Center of Expertise
LiDAR	Light Detection and Ranging
LMS	Local Mitigation Strategy
LOMA	Letter of Map Amendment

LOMC	Letter of Map Change
LOMR	Letter of Map Revision
LOMR-F	Letter of Map Revision based on fill
LOMR-FW	Letter of Map Revision based on floodway
MIP	Mapping Information Platform
MLI	Midterm Levee Inventory
mph	miles per hour
MSC	Map Service Center
N/A	Not Applicable
NAD	North American Datum
NAVD88	North American Vertical Datum of 1988
NDBC	National Data Buoy Center
NFIP	National Flood Insurance Program
NGVD	National Geodetic Vertical Datum
NID	National Inventory of Dams
NLD	National Levee Database
NOAA	National Oceanic and Atmospheric Administration
NVUE	New, Verified, or Updated Engineering
PLSS	Public Land Survey System
PTS	Production and Technical Services
RAMPP	Risk Assessment, Mapping, and Planning Partners
REVALID	Revalidation
Risk MAP	Risk Mapping, Assessment, and Planning
SFHA	Special Flood Hazard Area
SFWMD	South Florida Water Management District
SLOSH	Sea, Lake, and Overland Surge from Hurricanes
SWAN	Simulating Waves Nearshore Program
SWFCSS	Southwest Florida Coastal Storm Surge
SWFRPC	Southwest Florida Regional Planning Council
SWFWMD	Southwest Florida Water Management District
TBD	To Be Determined
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
WHAFIS	Wave Height Analysis for Flood Insurance Studies

I. Discovery Overview

A. Study Introduction

The Federal Emergency Management Agency (FEMA) has begun a process to better identify coastal flood risks across the Nation. As part of that effort, FEMA is simultaneously working with four Florida coastal counties (Sarasota, Charlotte, Lee, and Collier) and two inland counties (DeSoto and Hendry) to complete the Southwest Florida Coastal Storm Surge (SWFCSS) study. New light detection and ranging (LiDAR) and Geographic Information System (GIS) data and recent improvements for computing coastal storm surge will contribute to a more accurate, up-to-date coastal analysis in Southwest Florida. More up-to-date analysis will help communities in affected counties to manage their floodplains more effectively. The SWFCSS study will assess the coastal flood risk for communities affected by storm surge along Florida's southwest coast. The material presented in this Discovery Report will be used to develop the SWFCSS study.

The six Florida coastal counties were selected for a new surge study because the current FEMA storm surge study for Southwest Florida was based on antiquated data and modeling techniques. The current effective FEMA storm surge modeling for these counties is dated 1984; it is based on topographic data originating from the 1950s and used the FEMA Standard Surge Model, a coarse storm surge model with resolutions ranging from 5 nautical miles to 2,000 feet. It is important to use the best available data to obtain the most accurate and up-to-date assessment of flood risk. The SWFCSS study will incorporate higher resolution and more modern LiDAR topographic data and the higher resolution ADvanced CIRCulation (ADCIRC) software for modeling stillwater elevations. Advances in GIS software over the past 30 years will allow the study team to assess a greater number of overland wave modeling transects in the SWFCSS study than was used in the 1984 modeling. Additionally, these advances allow the creation of digital products that can be used to communicate risk in several ways.

This Discovery Report reviews information pertaining to Lee and Hendry Counties. The locations of the counties are shown in Figure 1. Figure 1 also shows the Preliminary Flood Insurance Rate Map (FIRM) panel layout and indicates the panels expected to be affected by the SWFCSS study.

Lee County: Lee County is included in the SWFCSS study because the existing studies use outdated models. Although a countywide study was conducted in 2008 for Lee County that included revised coastal analyses of wave setup, wave heights, storm-induced erosion, and primary frontal dunes (FEMA, 2008), the updates were performed using the 1984 storm surge modeling.

Lee County's current coastal analysis is based on 30 transects, whereas there are 389 transects proposed for Lee County in the SWFCSS study. The increased resolution of transects will yield a more accurate representation of topographic and land use characteristics that directly affect wave physics.

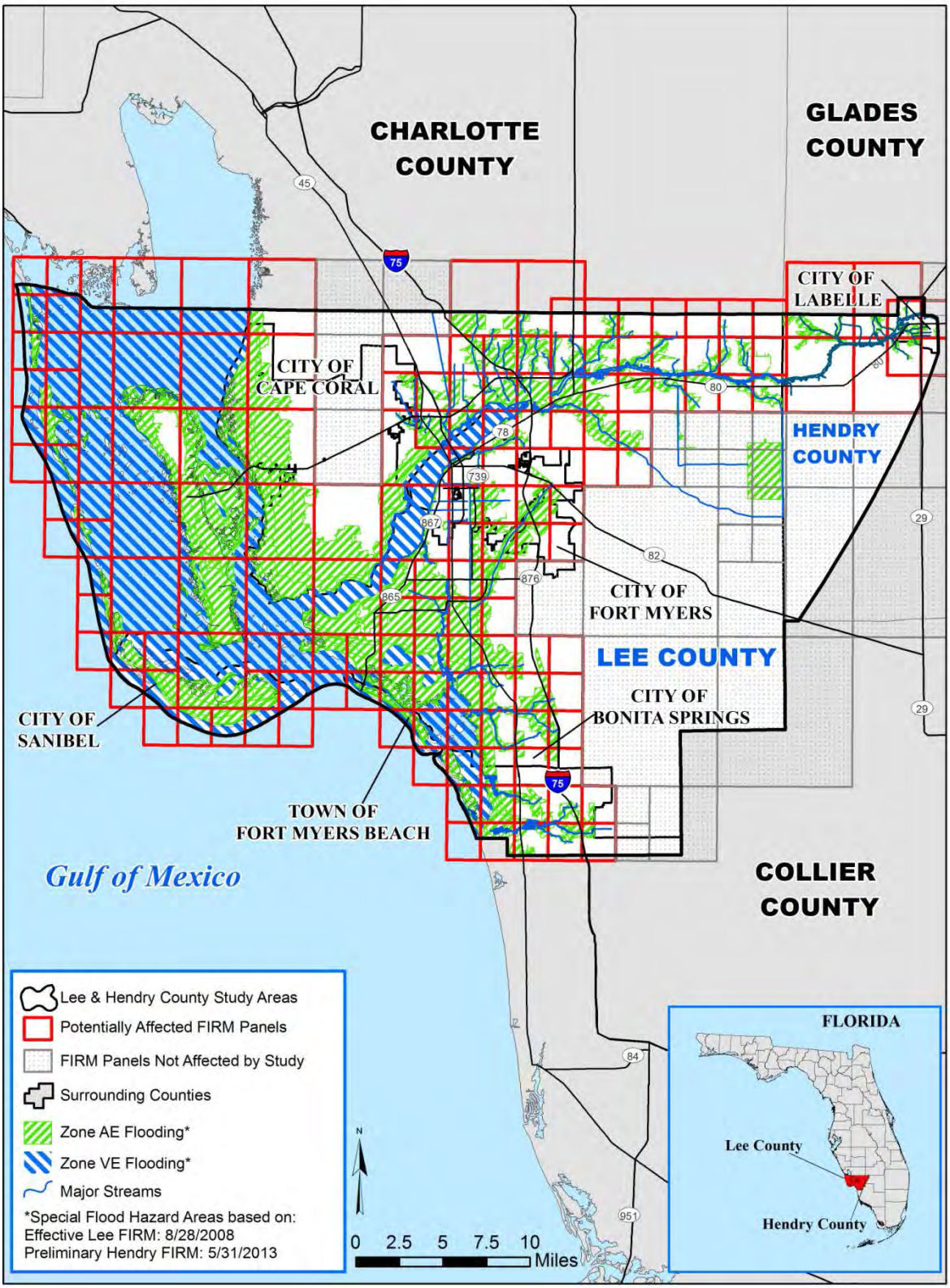


Figure 1: Lee and Hendry Counties coastal study project location

In addition to improvements in available technology since the 1984 storm surge modeling, the demographics of the County have changed significantly since that time. The reported population from the 2010 census for Lee County was 618,754, which is a 40 percent increase from the 2000 census of 440,888 (U.S. Census Bureau, 2010). With increased population comes increased development and changing flood hazards.

Hendry County: Existing flood studies of Hendry County, including a 1982 study of the unincorporated area of Hendry County, a 1987 study of the City of LaBelle, and the 2013 FEMA Hendry County Preliminary countywide study, do not include coastal analyses. The inland Hendry County is included in this Discovery Report because it may be affected by storm surge elevation changes, and/or the topography may have changed near the county boundaries. Since the county is not subjected to significant waves, no overland wave analysis will be performed as part of the study.

B. Background and Statistics

The FEMA Risk Mapping, Assessment, and Planning (Risk MAP) program provides communities with flood information and tools to enhance mitigation plans and better protect citizens. Risk MAP promotes early and frequent communication with project partners (including all affected communities) to approach risk assessment and mitigation planning. Discovery is a new Risk MAP task that involves data mining, collection, and analysis to ensure the most current available data is used in the study. The Discovery process is part of Task Order HSFE04-13-J-0097, which updates coastal storm surge and wave modeling, and develops the Risk MAP products for Charlotte, Lee, and Sarasota Counties in the SWFCSS. Risk MAP products will also be developed for Collier County. Risk MAP products will be developed for the coastally affected portions of DeSoto and Hendry Counties only if they are affected by 1-percent-annual-chance coastal flood event.

As part of the FEMA Region IV Discovery process, the Risk MAP project team collected tabular and spatial data for all communities in Lee County and potentially affected communities in Hendry County. Information was collected from Federal and State sources as well as from Discovery data questionnaires sent to each community in Lee and Hendry Counties. Section III lists the types of data that the project team collected for Lee and Hendry Counties.

Location: Lee County is on the southwest coast of Florida approximately 125 miles south of Tampa, 115 miles west of Fort Lauderdale, and 125 miles west-northwest of Miami. It is bordered by Charlotte County to the north, Glades County to the northeast, Collier County to the southeast, and Hendry County to the east. Lee County encompasses approximately 1,212 square miles.

Hendry County is an inland county of southwest Florida and encompasses approximately 1,190 square miles. It is bordered by Glades County to the north, Martin and Okeechobee Counties to the northeast, Palm Beach County to the east, Broward County to the southeast, Collier County to the south, and Lee and Charlotte Counties to the west.

The coastal study area of Lee and Hendry Counties includes three Hydrologic Unit Code 8 (HUC 8) watersheds: Big Cypress Swamp (03090204), Caloosahatchee (03090205), and Charlotte Harbor (03100103).

Population: The reported population from the 2010 census for Lee County was 618,754. The reported populations for the 2000, 1990, and 1980 censuses were 440,888, 335,113, and 205,266, respectively. Census data show that the population of Lee County increased 3 times from 1980 to 2010, and in the last decade (2000 to 2010), the population increased 40 percent (U.S. Census Bureau, 2010 and 1996).

For Hendry County, the reported population from the 2010 census was 39,140. The reported populations for the 2000, 1990, and 1980 censuses were 36,210, 25,773, and 18,559, respectively. Census data show that the population of Hendry County doubled from 1980 to 2010 and increased by 8 percent from 2000 to 2010 (U.S. Census Bureau, 2010 and 1996).

Statistical data for Lee and Hendry Counties and their communities are provided in Table 1. Table 1 shows the change in population in the last decade for each community. Except for Fort Myers Beach in Lee County, the populations have increased. All communities in these counties are National Flood Insurance Program (NFIP) participants. Numerous flood insurance and flood damage claims have been filed since Lee and Hendry Counties joined the NFIP.

Meetings and 44 Code of Federal Regulations (CFR) Part 66 Compliance

The joint Discovery Kickoff Meeting for Lee and Hendry Counties was conducted via Web conference on February 4, 2014. The purpose of the meeting was to introduce the project team, describe Risk MAP products and datasets, explain the project scoping and schedule, summarize the data gathered to date, outline the next steps, and gather stakeholder input and feedback. Representatives from the Risk MAP project team that includes FEMA Region IV; the two Production and Technical Services [PTS] contractors, Risk Assessment, Mapping, and Planning Partners [RAMPP] and BakerAECOM; local community officials; and State partners and officials were invited to the Kickoff Meeting. The PowerPoint presentation and a list of participants who accessed the Kickoff Meeting remotely are provided in Appendix A.

On March 5, 2014, a Discovery Meeting was held in Fort Myers, Florida. The purpose of the meeting was to facilitate discussion about flood risk assessment, mitigation project needs, desired compliance support, and local flood risk awareness efforts. Discovery Maps were displayed at the meeting to stimulate the discussion. Attendees, including affected communities and other selected stakeholders, were asked to cooperatively identify Areas of Concern in the study area. The presentation, meeting agenda, meeting minutes, and sign-in sheets are provided in Appendix B.

Table 1: Statistical Information for Lee and Hendry Counties

Community	CID	Area (square miles)[1]	Population Growth (2000 2010)[1]	Mitigation Plan Current? (Y/N)	Participant in NFIP (Y/N)	No. of NFIP Policies[2]	Total Coverage[2]	Total No. of Claims Filed[2]	Repetitive Loss Claims[3]
Lee County									
Lee County (Unincorporated Areas)	125124	803.6	40.3%	Y	Y	81,464	$18,343,213,600	6,522	410
Bonita Springs, City of	120680	35.3	33.7%	Y	Y	7,298	$1,751,093,300	9	134
Cape Coral, City of	125095	110.1	50.9%	Y	Y	33,124	$8,381,410,200	748	6
Fort Myers Beach, Town of	120673	2.9	–4.3%	Y	Y	2,901	$619,544,700	339	776
Fort Myers, City of	125106	40.0	29.2%	Y	Y	5,084	$1,310,380,800	238	20
Sanibel, City of	120402	17.2	6.7%	Y	Y	8,509	$1,952,071,000	1,337	138
Hendry County									
Hendry County (Unincorporated Areas)	120107	1,152.5	8.1%	Y	Y	938	$126,981,200	76	0
LaBelle, City of	120109	3.5	10.2%	Y	Y	172	$35,530,500	8	0

[1] Source: U.S. Census Bureau, 2010 (U.S. Census Bureau, 2010)
[2] Source: FEMA, Community Information System, NFIP Insurance Report (FEMA, 2014b)
[3] Source: FEMA, Community Information System, Repetitive Loss Claims as of October 2014 (FEMA, 2014c)
CID = Community Identification Number
NFIP = National Flood Insurance Program

44 CFR Part 66 Compliance Checklist

Has the PTS contractor begun and does the PTS contractor have its case file and docket on record*?	✓	YES		NO
Does the PTS contractor have written record of its initial contact made to the local communities affected by this map modernization project*?	✓	YES		NO
Does the PTS contractor have written record of its request for additional flood study data and base information from the local communities*?	✓	YES		NO

*The above certification indicates that the PTS contractor has begun the Part 66 communication with any local communities affected by this mapping project. This data is stored and available to be supplied to FEMA on request.

NFIP Compliance

Have you obtained all the communities' ordinances to review for compliance?		YES	✓	NO
Have you checked with the community and determined if it can adopt a digital product, proof copy, or will it need the official paper copy from the Map Service Center (MSC) to adopt?	✓	YES		NO
Have you ensured that local floodplain administrators were in attendance?	✓	YES		NO
Have you updated Community Information System (CIS) with updated contact information?	✓	YES		NO

Risk MAP Program Measures

Was a verbal commitment to reduce flood risk made by any communities at the Discovery Meeting?		YES	✓	NO
Did communities complete a Risk MAP Commitment Capture form?		YES	✓	NO
Were charters distributed to the communities?	✓	YES		NO

Which communities provided signed Risk MAP Project Charters?

– City of Bonita Springs and Town of Fort Myers Beach (available in Appendix O)

C. Project Summary

The objectives of the SWFCSS study are to obtain updated coastal flood risk information and encourage communities to take action to protect their citizens and properties from flooding and mitigate flood risk. The primary mechanisms for doing this are:

- Update coastal flood hazard zones for Sarasota, Charlotte, and Lee and the inland counties of DeSoto and Hendry, if applicable.
- Support FEMA through Discovery and Outreach activities to create a climate of understanding and ownership of the coastal analysis at the State and local levels.
- Develop Risk MAP products for Sarasota, Charlotte, Lee, and Collier Counties. Risk MAP products for the coastal portions of DeSoto and Hendry Counties will be created if the counties are affected by the 1-percent-annual-chance flood.
- Develop and issue preliminary map panels.
- Support the timely adoption of the effective maps.
- Complete final map adoption and facilitate community resilience.

To achieve the objectives for Lee and Hendry Counties, the study team, including staff members from FEMA Region IV, the State of Florida, and the PTS contractor, will work collaboratively to accomplish the following tasks:

- **Discovery:** Collect information to gain a more comprehensive understanding of the coastal flood risks.
- **Outreach:** Create a climate of understanding and ownership of the coastal analysis at the State and local levels.
- **Coastal Flood Hazard Analyses**: Perform coastal flood hazard analyses for approximately 252 miles of shoreline in Lee County. The effort includes the development of storm surge water surface elevations from synthetic storm runs using the ADCIRC and Simulating Waves Nearshore (SWAN) programs, development of overland wave modeling parameters, and wave height analysis to determine base flood elevations (BFEs) and zone break locations using the Wave Height Analysis for Flood Insurance Studies (WHAFIS) model. Fifteen miles of the coastal analysis are along sheltered inland waterways with very narrow fetch and are therefore not anticipated to be affected by wave action. These 15 miles are noted as surge-only miles in Table 2 below. Hendry County noted 7 inland miles as surge-only miles. The PTS team will evaluate the area prior to overland wave analysis to verify the assumption.
- **Coastal Floodplain Delineation**: Delineate the 1- and 0.2-percent-annual-chance floodplain boundaries for coastal areas, the BFE including the stillwater and wave contributions, and the location and extent of Zones VE, AE, and AO in coastal areas. Riverine floodplain boundaries will not be restudied as part of this project, although they

may be changed slightly where they tie into coastal flooding boundaries due to the combined effects of storm surge and riverine flooding. Incorporating the coastal contribution in these areas may produce a higher flood elevation than the effective riverine data and therefore result in slight changes to the riverine floodplain boundaries.

- **Risk MAP Products**: Develop the Flood Risk Database, which will include the Risk Assessment, Changes Since Last FIRM and multiple frequency (50-, 20-, 10-, 4-, 2-, 1-, and 0.2-percent) depth grids. We will also develop a Flood Risk Report and a Flood Risk Map.
- **Quality Control**: Conduct an independent Quality Assurance / Quality Control review on all the above activities to ensure that the products being produced meet the FEMA *Guidelines and Specifications for Flood Hazard Mapping Partners* (FEMA, 2012).

Table 2 demonstrates the number of miles that will require surge-only mapping, surge and wave mapping (using WHAFIS software), as well as the number of proposed transects for all of the counties in the SWFCSS study area. The proposed transects for Lee and Hendry Counties are shown on the Discovery Maps (Appendix C).

Table 2: Shoreline Miles and Number of Proposed Transects for All Southwest Florida Counties

County	State	Total Shoreline Estimate (miles)	Surge Only (miles)	WHAFIS Mapping (miles)	Proposed Transects	Number of Potentially Affected FIRM Panels[(1)]
Charlotte	FL	157	15	142	200	90 out of 123
Collier	FL	0	0	0	0	0 out of 156
DeSoto	FL	5	5	0	0	4 out of 88
Hendry	**FL**	**7**	**7**	**0**	**0**	**8 out of 60**
Lee	**FL**	**252**	**15**	**237**	**389**	**150 out of 176**
Sarasota	FL	93	37	56	159	79 out of 141
	Total	**514**	**79**	**435**	**748**	**331 out of 744**

(1) Anticipated number of panels affected; the exact number will be determined from the study results.
FIRM = Flood Insurance Rate Map
WHAFIS = Wave Height Analysis for Flood Insurance Studies

Table 3 includes general information about the study area such as population; area; number of miles that meet the Floodplain Boundary Standard (FBS); and New, Verified, or Updated Engineering (NVUE) criteria. NVUE is a classification system that evaluates the validity of FEMA riverine modeling based on many factors including the amount of new construction in and around the floodplain, effective model methodology, and changes in stream gage records. It does not currently apply to coastal modeling.

Table 3: National Metrics

Item	Description	Value
FBS	Estimated number of miles that will meet FBS for the new FIS, Risk Class B	252 miles (Lee County) 7 miles (Hendry County)
Updated Effective Studies, NVUE	Estimated number of miles that will meet NVUE requirements for the new FIS	N/A – coastal miles not included
Area (square miles)	Area in square miles being mapped with new FIS	In Lee County, the 152 potentially affected FIRM panels cover 919 square miles, which includes open water areas on the panels.[(1)] In Hendry County, the 17 potentially affected FIRM panels cover 312 square miles, which includes open water areas on the panels.[(1)]
Population	Population being mapped with new FIS	To be determined[(1)]

[(1)]Will be updated pending study results
FBS = Floodplain Boundary Standard
FIS = Flood Insurance Study
N/A = Not Applicable
NVUE = New, Verified, or Updated Engineering

II. Watershed Stakeholder Coordination

Because of the size of Lee County, the distribution of its population along approximately 252 miles of coastal shoreline, and the presence of interested groups and government agencies, communication with all potential stakeholders is critical. Although Hendry is an inland county, the communities that may be affected by coastal flooding are included in this study. To communicate effectively, emailing, telephoning, and corresponding with stakeholders is essential throughout the life of a Risk MAP project. A master list of stakeholders in the communities of Lee and Hendry Counties was established and will be updated as needed throughout the life of the project. For the joint Discovery Meeting, 32 invitations were sent to stakeholders in Lee and Hendry Counties.

Representatives from the local governments, including five cities and towns in Lee County and a city in Hendry County, are considered fundamental stakeholders in this process because they have been elected or appointed to represent the interests of the residents of Lee and Hendry Counties. In addition to local governments, Lee and Hendry County officials, State partners, and representatives of the South Florida Water Management District (SFWMD), Southwest Florida Water Management District (SWFWMD), Florida Sea Grant, Southwest Florida Regional Planning Council (SWFRPC), and Charlotte Harbor National Estuary Program were invited to participate in the Discovery Meetings. See Appendix D for copies of the Discovery Meeting invitations that were mailed to the stakeholders on January 31, 2014.

The communities invited to participate in the Discovery Meeting are listed in Table 4.

Table 4: Lee and Hendry Counties – Communities Invited to Participate in the Joint Discovery Meeting

County	Community	Municipality Type
Lee	Lee County (Unincorporated Areas)	County
	Bonita Springs	City
	Cape Coral	City
	Fort Myers	City
	Fort Myers Beach	Town
	Sanibel	City
Hendry	Hendry County (Unincorporated Areas)	County
	LaBelle	City

An important phase of the Discovery effort was to request additional information through telephone conversations and data questionnaires. The telephone conversations involved providing community officials with information about the Discovery process; they were then sent a Discovery data collection questionnaire to complete. Communities were asked to provide

flood risk and mitigation data and help identify Areas of Concern that could be discussed during the Discovery Meeting. Completed questionnaires were received from the City of Cape Coral, the City of LaBelle, Lee County, and the Town of Fort Myers Beach and are included in Appendix E.

The PTS contractor worked with FEMA Region IV to compile the stakeholder list. A list of the contacts made during this effort is in Appendix F. Telephone logs and notes from the calls are in Appendix G.

III. Data Analysis

A list of the data collected, the deliverable or product in which the data are included, and the sources of the data are shown in Table 5. In addition, Data Analysis is divided into two sections: the GIS data that can be used for Risk MAP products and the information that helped the study team form a more profound understanding of this watershed.

Table 5: Data Collected for Lee and Hendry Counties

Data Types	Deliverable/Product	Source(s)	Date of Collection[1]	Resolution
Average Annualized Loss Data	Discovery Report and Discovery Map	FEMA	December 2013	Nationwide
Census Blocks	Discovery Map	U.S. Census Bureau	November 2013	Countywide
Coastal Barrier Resources System	Discovery Map	USFWS	November 2013	Nationwide
Coastal Construction Control Line	Discovery Map	FDEP	November 2013	Statewide
Community Assistance Visits	Discovery Report	FEMA CIS	November 2013	Countywide
Community Rating System	Discovery Report	"Community Rating System Communities and Their Classes" (FEMA, 2013b)	November 2013	Nationwide
Comprehensive Plans	Discovery Report	County and Community Comprehensive Plans	November 2013	Countywide
Contacts	Discovery Report	Local Web Sites, State/FEMA Updates	November 2013	Countywide
Critically Eroded Beach Area	Discovery Report	FDEP	November 2013	Nationwide
Critical Facilities	Discovery Report and Discovery Map	County LMS, SWFRPC	November 2013	Countywide
Dams	Discovery Report and Discovery Map	USACE National Inventory of Dams	November 2013	Nationwide
Declared Disasters	Discovery Report	"Disaster Declarations Summary" (FEMA, 2013c)	October 2013	Nationwide
Demographics, Industry	Discovery Report	U.S. Census Bureau	November 2013	Countywide
Effective and Preliminary Floodplains	Discovery Map	FEMA MSC and MIP	October 2013	Countywide
Hazards Mitigation Plans and Status	Discovery Report	Hendry County LMS, Lee County LMS, State of Florida Enhanced Hazard Mitigation Plan	November 2013	Countywide

Table 5: Data Collected for Lee and Hendry Counties

Data Types	Deliverable/Product	Source(s)	Date of Collection[(1)]	Resolution
Hazard Mitigation Assistance Program Grants Received	Discovery Report	Community Input, "Hazard Mitigation Program Summary" (FEMA, 2013d)	November 2013	Nationwide
High Water Marks	Discovery Report	Community Input, FEMA, NOAA, USACE	December 2013	Countywide
Historical Flooding	Discovery Report	Community Input, County FIS, County LMS, FEMA	November 2013	Countywide
Historical Storm Events	Discovery Report	Community Input, County FIS, County LMS, "Disaster Declarations Summary" (FEMA, 2013c), NOAA	November 2013	Countywide
Individual/Public Assistance	Discovery Report	"Public Assistance Funded Projects Summary" (FEMA, 2013f)	November 2013	Nationwide
Insurance Policies	Discovery Report	FEMA CIS	November 2013	Nationwide
Letter of Map Change	Discovery Report and Discovery Map	FEMA MSC and MIP	November 2013	Countywide
Ordinance	Discovery Report	Community Web Sites	December 2013	Countywide
Repetitive Loss	Discovery Report and Discovery Map	FEMA	December 2013	Countywide
Stream Gage Data	Discovery Report and Discovery Map	United States Geological Survey	November 2013	Countywide
Tidal Gages	Discovery Report and Discovery Map	NOAA	November 2013	Countywide
Wave Gages	Discovery Report and Discovery Map	NOAA	November 2013	Countywide

[(1)]Date that data were accessed or retrieved from the sources
CIS = Community Information System
FDEP = Florida Department of Environmental Protection
FEMA = Federal Emergency Management Agency
FIS = Flood Insurance Study
LMS = Local Mitigation Strategy
MSC = Map Service Center
MIP = Mapping Information Platform
NOAA = National Oceanic and Atmospheric Administration
SWFRPC = Southwest Florida Regional Planning Council
USACE = U.S. Army Corps of Engineer
USFWS = U.S. Fish and Wildlife Service

During the Discovery process, a database of available flood hazard and flood risk assessment information was created to inventory data and identify any gaps. State, County, and Federal government GIS Web sites are a good place to start the data search. However, local knowledge of flooding and mitigation projects is critical to accurately determine flood risks and mapping needs. Therefore, locally and regionally developed data were gathered where possible.

The Chief Executive Officer, the Floodplain Administrator, and additional contacts that were requested for each incorporated community in the study area were mailed an invitation to the Discovery Meeting (see Appendix D). The Floodplain Administrator also received a Discovery data collection questionnaire enclosed with the Kickoff Meeting invitation (see Appendix E).

The questionnaire asked each community to indicate what coastal flood risk data were available and could be shared with FEMA.

A. Data Available for Flood Risk Products

i. Topographic Data

The best available topographic data for Lee and Hendry Counties were bare earth LiDAR mass-points and breaklines, dated 2007, and obtained from the SWFWMD (SWFWMD, 2007). The LiDAR was acquired to obtain at a maximum of 3.8-foot horizontal accuracy, 0.6-foot fundamental vertical accuracy and a post spacing of 4 feet.

A more recent LiDAR dataset is available for some of the SWFCSS area. The 2010 LiDAR was flown by the U.S. Army Corps of Engineers (USACE) Joint Airborne LiDAR Bathymetry Technical Center of Expertise (JALBTCX) group for the nearshore areas of the coastal counties within the study area (Charlotte, Collier, Lee, and Sarasota Counties). Typically, JALBTCX coastal LiDAR data are collected only for nearshore topography/bathymetry (500 meters inland and up to 1 kilometer offshore). Because the JALBTCX data classification is not as stringent as pure topographic LiDAR datasets, it contains artifacts in the land portion of the data such as houses, trees and brush coded as bare earth. These artifacts would need to be cleaned from the 2010 data before it could be used with the 2007 LiDAR that is already classified properly. Cleaning artifacts out of the 2010 data is not within the scope of the project. Therefore the PTS contractor used the JALBTCX LiDAR only for bathymetric purposes. Topographic elevations were removed from the 2010 LiDAR data, and only the bathymetry data from the 2010 LiDAR were used with the 2007 SWFWMD LiDAR to construct the seamless topographic/bathymetric Digital Terrain Model dataset.

ii. Transportation

Transportation data for Lee County were obtained from the Lee County Department of Transportation (Lee County, 2014). Transportation data for Hendry County were published by the Florida Department of Transportation (FDOT) and downloaded from the Florida Geographic Data Library (FGDL, 2013).

iii. Jurisdictional Boundaries

Jurisdictional boundaries were obtained from the Lee County Effective FIRM database (FEMA, 2008) and the Hendry County Preliminary FIRM database (FEMA, 2013g). The Lee County boundaries were updated based on information provided by the county. The jurisdictional boundaries for the surrounding counties were published by the U.S. Census Bureau and downloaded from the Florida Geographic Data Library (FGDL, 2011).

iv. Federal Lands

Federal lands data were downloaded from the FEMA National Discovery Data Repository. The source of the Federal lands data in the FEMA National Discovery Data Repository is the National Atlas "Data Download" (National Atlas, 2005).

v. Stream Lines and Hydrography

Stream lines and hydrography were obtained from the Lee County Effective FIRM database (FEMA, 2008) and the Hendry County Preliminary FIRM database (FEMA, 2013g).

vi. Watershed Boundaries

U.S. Geological Survey (USGS) HUC8 watershed boundaries were obtained from the National Atlas "Data Download" (National Atlas, 2006). Lee County and the study area of Hendry County contain portions of three HUC8 watersheds: Big Cypress Swamp (03090204), Caloosahatchee (03090205), and Charlotte Harbor (03100103).

vii. Publicly Owned Land

Public Land Survey System (PLSS) data were downloaded from the FEMA National Discovery Data Repository. The source of the PLSS data in the FEMA National Discovery Data Repository is the National Atlas "Data Download" (National Atlas, 2010).

Table 6 summarizes the geospatial data that could be used for Risk MAP products.

B. Other Data and Information

i. Coordinated Needs Management Strategy and National Flood Insurance Program Mapping Study Needs

The Coordinated Needs Management Strategy Phase 3 initiative does not include coastal area and therefore will not be included in this report.

ii. Community Assistance Visits

Statewide Community Assistance Visits (CAVs) are a part of the evaluation and review process between FEMA and local officials to ensure that each community adequately enforces local floodplain management regulations to remain in compliance with NFIP requirements. CAVs are also an opportunity to provide technical assistance to communities.

In Lee and Hendry Counties, all of the communities included in the study area have received CAVs from FEMA, as shown in Table 7: Community Assistance Visits Performed in Lee and Hendry Counties (FEMA, 2013a). The table shows the date of each CAV, the date each CAV was closed (if applicable), and the intensity of the observations noted for each CAV. If all issues brought up during the CAV have been resolved, then the CAV was closed.

Table 6: Geographic Information System Data Layers Available

GIS data	Source(s)	Data Publication Date	Vertical Datum	Horizontal Datum	Use Restrictions?
Bathymetry Data	JALBTCX	2010	NAVD88	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
Cadastral Data	Florida Department of Revenue	2012	N/A	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
Hydrography	FEMA	2008 (Lee), 2013 (Hendry)	N/A	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
County Boundary Data	FEMA, U.S. Census Bureau, Lee County	2008 (Lee), 2013 (Hendry), 2011 (Surrounding Counties)	N/A	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
Municipal Boundary	FEMA, Lee County	2008 (Lee), 2013 (Hendry)	N/A	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
Land Use/Cover Classification	Lee County, MRLC, SFWMD	2010 (Lee), 2011 (MRLC), 2008 (SFWMD)	N/A	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
Digital Orthophoto	ESRI	2012	N/A	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
Publicly Owned Lands Data	USGS National Atlas	2010	N/A	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
Transportation Data	Lee County, FDOT	2008	N/A	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No
Topographic Data	SWFWMD	2007	NAVD88	NAD 1983 State Plane Florida: West (Lee) and East (Hendry)	No

ESRI = Environmental Systems Research Institute
FDOT = Florida Department of Transportation
FEMA = Federal Emergency Management Agency
JALBTCX = Joint Airborne LiDAR Bathymetry Technical Center of Expertise
MRLC = Multi-Resolution Land Characteristics Consortium
NAD = North American Datum
N/A = Not Applicable
NAVD88 = North American Vertical Datum of 1988
SFWMD = South Florida Water Management District
SWFWMD = Southwest Florida Water Management District
USGS = U.S. Geological Survey

Table 7: Community Assistance Visits Performed in Lee and Hendry Counties

Community	CAV Date	CAV Observations	Date CAV Closed
Lee County			
Lee County (Unincorporated Areas)	01/01/1986 09/27/1990 02/18/1993 07/18/2002 09/26/2013	None None None None Serious	01/01/1986 09/27/1990 12/10/1993 09/30/2002 07/23/2014
Bonita Springs, City of	02/24/2004	Minor	10/27/2004
Cape Coral, City of	01/01/1984 08/23/1989 05/05/1993 09/01/1999 04/26/2013	None Minor Minor None Minor	01/01/1984 09/27/1989 11/09/1993 09/20/1999 12/17/2013
Fort Myers, City of	08/24/1989 02/17/1993 09/27/2013	Minor None None Listed	08/24/1989 05/02/1993 None Listed
Fort Myers Beach, Town of	02/24/2004 08/17/2010	Serious Minor	03/31/2006 04/20/2011
Sanibel, City of	06/12/1992 07/16/2001	Minor None	07/23/1992 07/21/2008
Hendry County			
Hendry County (Unincorporated Areas)	04/21/1987 06/12/1992 02/08/2002	None None None	04/21/1987 07/20/1992 06/25/2002
LaBelle, City of	04/22/1987 06/09/1992	Minor Minor	04/22/1987 07/21/2008

CAV = Community Assistance Visit

The February 24, 2004, CAV for the **City of Bonita Springs** noted minor problems with the community's administration and enforcement procedures. Potential violations were identified because some elevation certificates were for buildings under construction, rather than finished "as-built" construction, and some Zone V structures did not have the required foundation, anchoring, and breakaway wall certification. The FEMA representatives recommended that the city strengthen their ordinance, which in addition to protecting community property would also give them Community Rating System (CRS) credits. The community completed all recommended actions, and the CAV was closed on October 27, 2004.

The April 26, 2013, CAV for the **City of Cape Coral** noted minor problems with the community's floodplain management regulations. The City was advised to replace or revise its existing flood damage prevention ordinance. To ensure compliance with the NFIP and coordination with the Florida Building Code, the City of Cape Coral was encouraged to adopt the Florida model ordinance that was approved on January 15, 2013. The City updated its floodplain

management ordinance to be in compliance with the NFIP as of August 2014. The CAVs dated January 1, 1984, and September 1, 1999, did not report any problems. The August 23, 1989, CAV identified minor problems with the community's administration and enforcement procedures and problems with the biennial report data. The CAV noted that the city adequately administered and enforced the NFIP, but the permit tracking in Special Flood Hazard Areas (SFHAs) was a problem, particularly for non-residential structures and all substantial improvements. The biennial report data were noted as being inaccurate, and FEMA recommended that the city inventory SFHAs to develop accurate tallies for the 1989 report. The May 5, 1993, CAV identified minor problems with the community's floodplain management regulations and administration and enforcement procedures.

The August 24, 1989, CAV for the **City of Fort Myers** noted minor problems with the community's administration and enforcement procedures. The February 17, 1993, CAV did not report any problems.

The February 24, 2004, CAV for the **Town of Fort Myers Beach** identified serious problems with the community's floodplain management regulations, minor problems with the community's administration and enforcement procedures, and problems with the biennial report data. During the CAV, it was noted that several definitions in the floodplain management regulations were missing or in need of revision, and several other revisions were needed for various regulations relating to substantial improvement, substantial damage, recreational vehicles, manufactured homes, and accessory structures. The CAV also noted "program deficiencies and violations including not obtaining a final as-built construction elevation certificate, not obtaining proper certification for Zone V construction, lack of a floodproofing maintenance plan, and substantial improvement determination." The August 17, 2010, CAV noted minor problems with the community's floodplain management regulations and the community's administration and enforcement procedures. The CAV noted that several definitions and revisions needed to be incorporated into the floodplain management regulations, and that five permit files contained potential violations.

There were no problems reported in the **Lee County** CAVs in 1986, 1990, 1993, or 2002. The CAV for Lee County on September 26, 2013, resulted in the identification of serious problems with the engineering, maps and FIS and minor problems with the community's floodplain management regulations. Inconsistencies in the delineation of the county's Zone V boundaries were noted. County staff also had concerns about the designated regulatory floodways associated with drainage canals that have minimal velocity and cause primarily overland flooding. Lee County was advised to replace or revise its existing flood damage prevention ordinance. To ensure compliance with the NFIP and coordination with the Florida Building Code, Lee County was encouraged to adopt the Florida model ordinance that was approved on January 15, 2013.

The July 23, 1992, CAV for the **City of Sanibel** identified minor problems with the community's floodplain management regulations and their administration and enforcement procedures. The CAV noted that the community issued four questionable variances and needed

to make minor revisions to their floodplain ordinance. The July 16, 2001, CAV did not report any problems.

There were no problems reported in the 1987, 1992, and 2002 CAVs for **Hendry County**.

The April 22, 1987, CAV for the **City of LaBelle** identified minor problems with the community's administration and enforcement procedures. The June 9, 1992, CAV identified minor problems with the community's floodplain management regulations, their administration and enforcement procedures, and biennial report data. The CAV noted that the ordinance needed to be checked for compliance and that one elevation certificate was needed.

iii. Community Rating System

CRS provides flood insurance premium discounts to NFIP-participating communities that take extra measures to manage floodplains above the minimum requirements. A point system is used to determine a CRS rating from 10 to 1, with lower scores indicating better ratings. A community that does not participate in CRS or that does not maintain the minimum number of credit points would be considered a Class 10 community. The more measures a community takes to minimize or eliminate exposure to floods, the more CRS points are awarded, the lower their CRS Class Rating, and the higher the discount on flood insurance premiums. A list of CRS communities is available on FEMA's Web site at http://www.fema.gov/library/viewRecord.do?id=3629 (FEMA, 2013b).

The unincorporated areas of Lee County and all of the incorporated communities participate in the CRS program. The Hendry County (Unincorporated Areas) is participating; however, the City of LaBelle is not participating in the CRS program. CRS class ratings for each of these communities are shown in Table 8.

Table 8: Lee and Hendry Counties CRS Ratings

Community	CID	CRS Class
Lee County		
Lee County (Unincorporated Areas)	125124	5
Bonita Springs, City of	120680	6
Cape Coral, City of	125095	5
Fort Myers, City of	125106	7
Fort Myers Beach, Town of	120673	7
Sanibel, City of	120402	5
Hendry County		
Hendry County (Unincorporated Areas)	120107	8
LaBelle, City of	120109	Not participating

CID = Community Identification Number
CRS = Community Rating System

iv. Comprehensive Plans

A comprehensive plan is a land use document providing framework and policy direction for land use decisions. Comprehensive plans usually include details on policies affecting land use, transportation, housing capital facilities, utilities, coastal, and rural areas. Comprehensive plans identify where and how growth needs will be met.

The status of current comprehensive plans for Lee and Hendry Counties is shown in Table 9.

Table 9: Status of Comprehensive Plans

Participating Jurisdiction	Comprehensive Plan Status	Web Site
Lee County		
Lee County (Unincorporated Areas)	Amended September 19, 2013	http://www.leegov.com/gov/dept/dcd/Planning/Pages/LeePlan.aspx[(1)]
Bonita Springs, City of	Amended April 15, 2009	http://www.cityofbonitasprings.org/wp-content/uploads/2011/03/Adopted-Comprehensive-Plan-4-15-09clean.pdf
Cape Coral, City of	Amended April 9, 2012	http://www.capecoral.net/en-us/government/projectandbuildinginformation/planningdivision/comprehensiveplanning/comprehensiveplangoalsobjectivespolicies.aspx
Fort Myers, City of	Amended October 26, 2010	http://www.cityftmyers.com/Community-Development/Documents.aspx?EntryId=1467
Fort Myers Beach, Town of	Amended November 25, 2009	http://www.fortmyersbeachfl.gov/index.aspx?NID=180
Sanibel, City of	Amended May 7, 2013	http://www.mysanibel.com/Departments/Planning-and-Code-Enforcement/The-Sanibel-Plan-Volumes-1-and-2
Hendry County		
Hendry County (Unincorporated Areas)	Amended June 26, 2012	http://www.hendryfla.net/hendrycountynew/uploads/2013_Comp_Plan_Complete.pdf
LaBelle, City of	Amended September 8, 2011	http://www.citylabelle.com/comprehensive-plan

[(1)]Link will bring up a log-in box; press "Cancel" to continue to the Comprehensive Plan

In the community Discovery data questionnaires, all communities were asked if local hazard mitigation plans were prepared in coordination with their comprehensive plans. The City of Cape Coral, the City of LaBelle, and Lee County gave affirmative answers.

The **Lee County** Comprehensive Plan (Lee County, 2013b) designates Lee County as it will appear in 2030. The Comprehensive Plan includes elements related to future land use, transportation, community facilities and services, parks, recreation and open space, capital improvements, conservation and coastal management, housing, historic preservation, intergovernmental coordination, and economies.

Coastal area management is covered under the Conservation and Coastal Management Element of the Comprehensive Plan. The goals and objectives of the Coastal Management policy include the following:

- To protect the public from the effects of natural and technological hazards through county emergency plans and programs.

- To protect the natural resources of the coastal planning areas from damage caused by inappropriate development.
- To protect human life and developed property in Coastal High Hazard Areas (CHHAs) from natural disasters.
- To restrict public expenditures in areas particularly subject to repeated destruction by hurricanes, except to maintain required service levels, to protect existing residents, and to provide for recreation and open space uses.
- To provide evacuation and shelter capabilities adequate to safeguard the public against the effects of hurricanes and tropical storms.
- To provide through county plans, programs, and regulations means to minimize future property losses from natural disasters such as flooding, tropical storms, and hurricanes.
- To provide for planning and decision-making to guide redevelopment during the response and recovery period following major emergencies, such as tropical storms and hurricanes.
- To conserve, maintain, and enhance the natural balance of ecological functions in the coastal planning area, with particular emphasis on the protection of beach and dune systems so as to retain their contribution to storm protection, natural resources, and economic development.

The Natural Conservation Element focuses mostly on policies to protect surface water and its living resources, including wetlands; to reduce or maintain current pollution loading and system imbalances in order to conserve estuarine productivity; to conserve, maintain, and enhance the natural balance of ecological functions in the coastal planning area; and to protect the beach and dune system to retain their contribution to natural resources and economic development.

The Capital Improvements Element focuses on policies on providing public facilities and services at the adopted "Minimum Acceptable Levels of Service."

The **City of Bonita Springs** Comprehensive Plan (Bonita Springs, 2009) includes a Conservation and Coastal Management Element. The goal of this element is to "protect the natural resources of the coastal planning area; protect human life; and limit public expenditures within the Coastal High Hazard Areas." The element states the objectives and corresponding policies used to achieve this goal. The objectives, as listed in the Conservation and Coastal Management Element, are:

- The City shall continue to manage and regulate environmentally critical areas to conserve and enhance their natural functions within the Coastal Planning Area. Environmentally critical areas include 'wetlands and Rare and Unique Upland Habitats'. Rare and Unique Upland Habitats include, but are not limited to: sand scrub; coastal scrub; those pine flatwoods which can be categorized as 'mature' due to the absence of severe impacts caused by logging, drainage, and exotic infestation.

- The City shall direct population concentrations away from the City's CHHA by limiting new development within the CHHA Category 1 hurricane evacuation area as defined by the SWFRPC hurricane evacuation study and using its land acquisition program to purchase vacant properties for open space, preservation, or recreation uses.
- The City shall limit public expenditures that subsidize development in the CHHA by requiring a finding from the City Council for new facilities that these expenditures are necessary to maintain required service levels and to protect residents within the CHHA.
- The City shall implement a Natural Resource management program that ensures the long-term protection and enhancement of natural upland and wetland habitats.
- The City of Bonita Springs shall continue to manage the coastal area to provide a balance among conservation of resources, public safety capabilities, and development.

The **City of Cape Coral** Comprehensive Plan (Cape Coral, 2012) has a Conservation and Coastal Management Element. The goals of this element are to protect environmental resources, increase public awareness of coastal natural resources and public access to coastal resources, protect and preserve historic resources on City-owned and privately owned properties, protect people from the effects of natural and manmade disasters, and protection of environmental and coastal resources through intergovernmental coordination.

The element states the objectives and corresponding policies used to achieve this goal. The objectives, as listed in the Conservation and Coastal Management Element, are:

- The City shall encourage early hurricane evacuation by residents in the Category A Evacuation Zone through cooperation with Lee County Emergency Management officials.
- The City shall adhere to the Charlotte Harbor Management Plan to evaluate and improve the effectiveness of the spreader waterway system with regard to the environmental impacts of surface water discharge from Cape Coral into Matlacha Pass State Aquatic Preserve.
- The City of Cape Coral shall continue to implement its existing hazard mitigation programs that include building code and floodplain regulations, land use and development regulations, zoning requirements, and the goals, objectives and policies of the City of Cape Coral Comprehensive Plan, as well as other applicable hazard mitigation measures.
- The City shall prohibit rebuilding or redevelopment on any property within the coastal high-hazard area containing damaged structures if such rebuilding or redevelopment would increase the maximum residential density above that allowed for the subject property on the Future Land Use Map (Appendix I).

The **City of Fort Myers** Comprehensive Plan (Fort Myers, 2010) has a Conservation and Coastal Management Element. The objective of this element is to maintain an ordinance that

promotes the protection and management of the City-owned submerged lands and adjacent shorelines of Caloosahatchee River to provide long-term economic, aesthetic, and environmental resource benefits to the residents of the City.

The Conservation and Coastal Management Element designates a CHHA and a hurricane vulnerability zone. The CHHA is the area that includes all areas below the elevation of Category 1 storm surge line as established by Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model as established by the SWFRPC. The City has a policy to limit public expenditures and prohibits the use of tax increment financing incentives that promote development within the CHHA. The hurricane vulnerability zone includes all parcels in the evacuation zone for a tropical storm and Category 1, 2, and 3 hurricanes as established in the SWFRPC's Regional Hurricane Evacuation Study. The City encourages employers with facilities outside the Category 2 hurricane evacuation zone to develop a program to shelter in the event of a hurricane.

The **Town of Fort Myers Beach** Comprehensive Plan (Fort Myers Beach, 2009) has a Coastal Management Element. The purpose of the Coastal Management Element is to outline Areas of Concern planning for future growth in the coastal zones of the town by informing the public of the potential effects of hurricanes and tropical storms, planning for more sustainable redevelopment patterns that protect coastal resources and human life, and limiting public expenditures in areas subject to natural disaster. The objectives of the Coastal Management Element include reducing evacuation times and increasing shelter capabilities, planning for post-disaster rebuilding that will reduce risk of loss of life in the event of a disaster, conserving and enhancing the shoreline of Estero Island by increasing dunes, renourishing beaches to reduce erosion, and harbor planning.

The **City of Sanibel** Comprehensive Plan has a Coastal Zone Protection Element that is integrated with the preservation and conservation of resources (Sanibel, 2007). The City of Sanibel is located within the CHHA, as defined by the Florida Administrative Code. The purpose of the Coastal Zone Protection Element is to outline Areas of Concern in planning for future growth in the coastal areas of the City by restricting development activities when they would damage or destroy coastal resources, protecting human life, and limiting public expenditures in areas subject to natural disaster.

The City has an objective to protect coastal wetlands, estuaries, wildlife habitats, and living marine resources and to ensure that the natural functions of the City's ecological zones are maintained according to the standards set forth in the land development code. Other objectives include ensuring that development and building standards for new construction and redevelopment are appropriate for structures within the CHHA and to protect beach and the dune systems there by protecting shoreline development from coastal erosion and storm events.

The purpose of the Conservation Element of City of Sanibel's Comprehensive Plan is to promote the conservation and protection of natural resources. About two-thirds of the total land area in

Sanibel lies within conservation areas, and the enhancement of natural resources has always been a goal of the Comprehensive Plan.

The **Hendry County** Comprehensive Plan (Hendry County, 2012) and the **City of LaBelle** Comprehensive Plan (LaBelle, 2011) do not include a Coastal Element. However, they both have a Conservation Element that seeks appropriate use and protection of natural resources.

v. Coastal Barrier Resources System

Coastal barriers are unique land forms that protect distinct aquatic habitats and serve as the mainland's first line of defense against damage from coastal storms and erosion. The Coastal Barrier Resources System (CBRS) defines a coastal barrier as a landform composed of unconsolidated shifting sand or other sedimentary material that is generally long and narrow and entirely or almost entirely surrounded by water. Coastal barriers are sufficiently above normal tides so that they usually have dunes and terrestrial vegetation. To varying degrees, they enclose and thereby protect other features, such as estuaries, salt marshes, and the mainland, from direct wave influence by the open ocean.

Based on GIS data, Lee County has designated CBRS units in the following locations:

- Bodwitch Point in the Town of Fort Myers and Lee County (unincorporated areas)
- Bunch Beach in the Town of Fort Myers Beach and Lee County (unincorporated areas)
- Cayo Costa in Lee County (unincorporated areas)
- Lovers Key Complex in the City of Bonita Springs, Town of Fort Myers Beach, and Lee County (unincorporated areas)
- North Captiva Island in Lee County (unincorporated areas)
- Sanibel Island Complex in the City of Sanibel and Lee County (unincorporated areas)

Based on GIS data, Lee County also has otherwise protected area units in Cayo Costa, Lovers Key Complex, North Captiva Island Complex, Sanibel Island Complex, and Gasparilla Island, which is located in Lee County (unincorporated areas) (USFWS, 2013). The CBRS layer is shown on the Discovery Map in Appendix C.

vi. Coastal Zone Protection Structures

The Coastal Construction Control Line (CCCL) delineates that area of the beach-dune system that is expected to be subject to severe fluctuation resulting from a 100-year storm event. The 100-year storm elevation requirements for habitable structures located seaward of the CCCL ensure that the lowest horizontal structural member of the building is placed at an elevation above the predicted breaking wave crest (FDEP, 1999). In Lee County, there is a total of 47.0 miles of CCCL along the shore with the 100-year storm design grade elevation of 3.5 feet.

The storm surge field reconnaissance was conducted in January 2014 and covered selected locations within Lee County. As part of the reconnaissance, several coastal structures were

noted, including bulkheads, canal and river locks, groins, seawalls, and weirs. The locations of these coastal structures are shown on Figure 3. The locations marked on Figure 3 are approximations of coastal structures that the PTS field crew observed and do not represent an inventory of all the coastal structures in Lee County.

No additional information on coastal zone protection structures was identified from community Discovery data questionnaires and telephone calls (Appendix E).

vii. Critically Eroded Beaches and Beach Nourishment/Dune Replacement Projects

A critical erosion area is a segment of the shoreline where natural processes or human activity have caused or contributed to erosion and recession of the beach or dune system to such a degree that upland development, recreational interests, wildlife habitat, or important cultural resources are threatened or lost. Critically eroded areas may also include peripheral segments or gaps between identified critically eroded areas which, although they may be stable or only slightly eroded now, must be included for continuity of management of the coastal system or for the design integrity of adjacent beach management projects (FDEP, 2012).

An erosion problem area is considered critical if there is a threat to or loss of one or more of the following four interests: upland development, recreation, wildlife habitat, or important cultural resources. There are 10 critically eroded beach areas (21.6 miles), 4 noncritically eroded beach areas (5.3 miles), 3 critically eroded inlet shoreline areas (0.6 mile), and 2 noncritically eroded inlet shoreline areas (0.4 mile) in Lee County. These areas are shown on Figure 2: Critically (red lines) and noncritically (blue lines) eroded beaches and inlets in Lee County (Source: Florida DEP) and listed in Table 10. There were no critically eroded coastal beaches, beach nourishment, or dune replacement projects identified in Hendry County.

The projects described in the section below were designed to prevent future erosion at inlets and critically eroded beaches in Lee County. The information in this section is summarized based on the FDEP reports “Critically Eroded Beaches in Florida” (FDEP, 2012), “Strategic Beach Management Plan for the Southwest Gulf Coast Region” (FDEP, 2008), and “Critical Beach Erosion Areas in Florida” (FDEP, 2002). The general locations of the projects discussed in this section are displayed in Figure 2: Critically (red lines) and noncritically (blue lines) eroded beaches and inlets in Lee County (Source: Florida DEP).

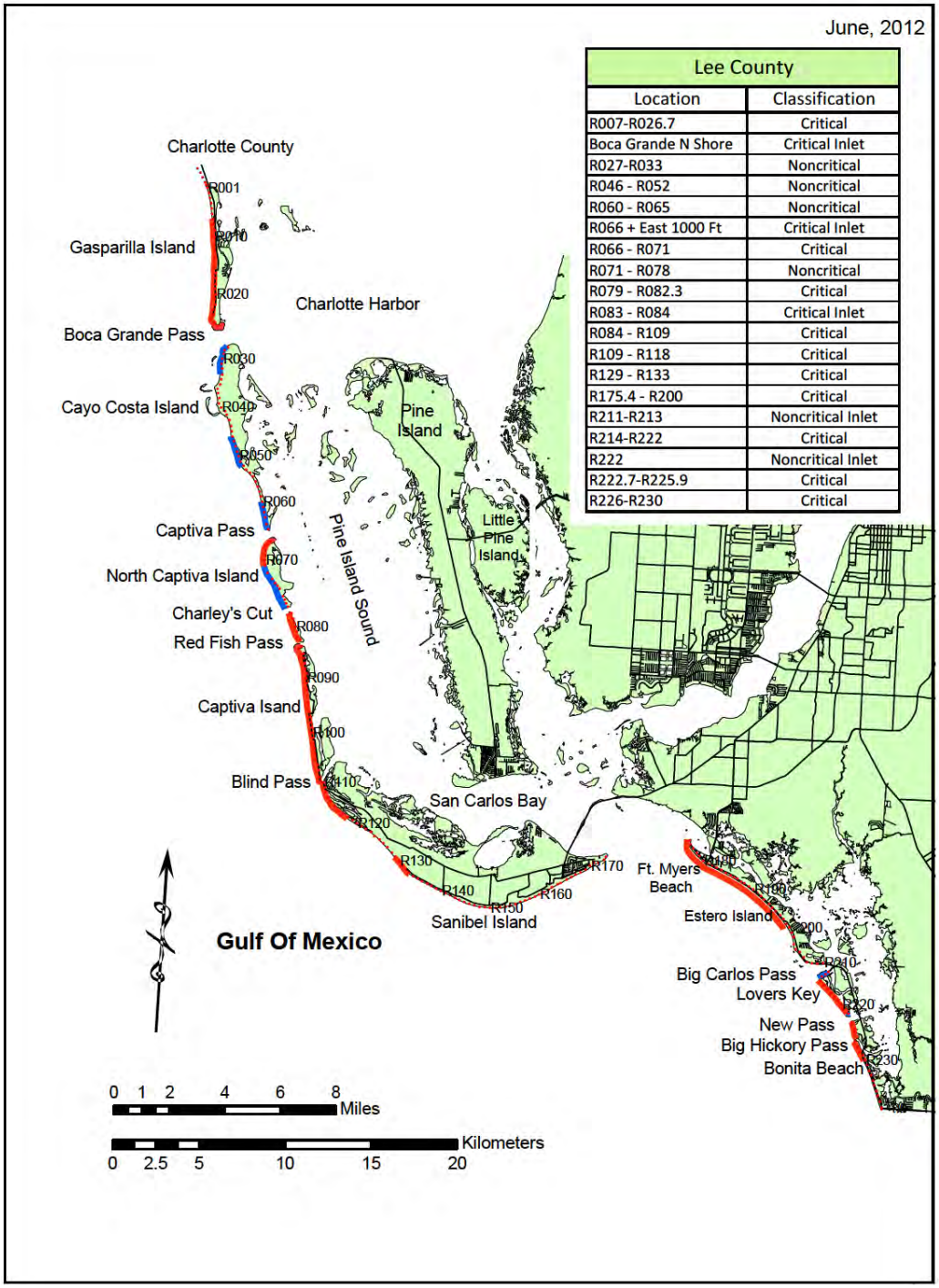


Figure 2: Critically (red lines) and noncritically (blue lines) eroded beaches and inlets in Lee County (Source: Florida DEP)

Table 10: Critically and Noncritically Eroded Beaches and Inlets in Lee County

Location	Segment	Status	Beach (miles)		Inlet Shoreline (miles)	
			Critical	Noncritical	Critical	Noncritical
Gasparilla Island	R7 – R26.7	Critical	4.0	0	0	0
Gasparilla Island State Park	Boca Grande North Shore, 1,000 feet east of R26.7	Critical inlet shoreline	0	0	0.2	0
Cayo Costa Island	R27 – R33	Noncritical	0	1.1	0	0
	R46 – R52	Noncritical	0	1.2	0	0
	R60 – R65	Noncritical	0	1.0	0	0
North Captiva Island	R66, east 1,000 feet	Critical inlet shoreline	0	0	0.2	0
	R66 – R71	Critical	1.0	0	0	0
	R71 – R78	Noncritical	0	2.0	0	0
	R79 – R82.3	Critical	0.8	0	0	0
Captiva Island	R83 – R84	Critical inlet shoreline	0	0	0.2	
	R84 – R109	Critical	5.0	0	0	0
Northern Sanibel Island	R110 – R118	Critical	1.7	0	0	0
	R129 – R133	Critical	0.9	0	0	0
Estero Island	R175(-.4) – R200	Critical	5.0	0	0	0
Lovers Key	R211 – R213	Noncritical inlet shoreline	0	0	0	0.3
	R214 – R222	Critical	1.5	0	0	0
	R222	Noncritical inlet shoreline	0	0	0	0.1
Big Hickory Island	R222.7 – R225.9	Critical	0.8	0	0	0
Little Hickory Island	R226 – R230.4	Critical	0.9	0	0	0
		Total	**21.6**	**5.3**	**0.6**	**0.4**

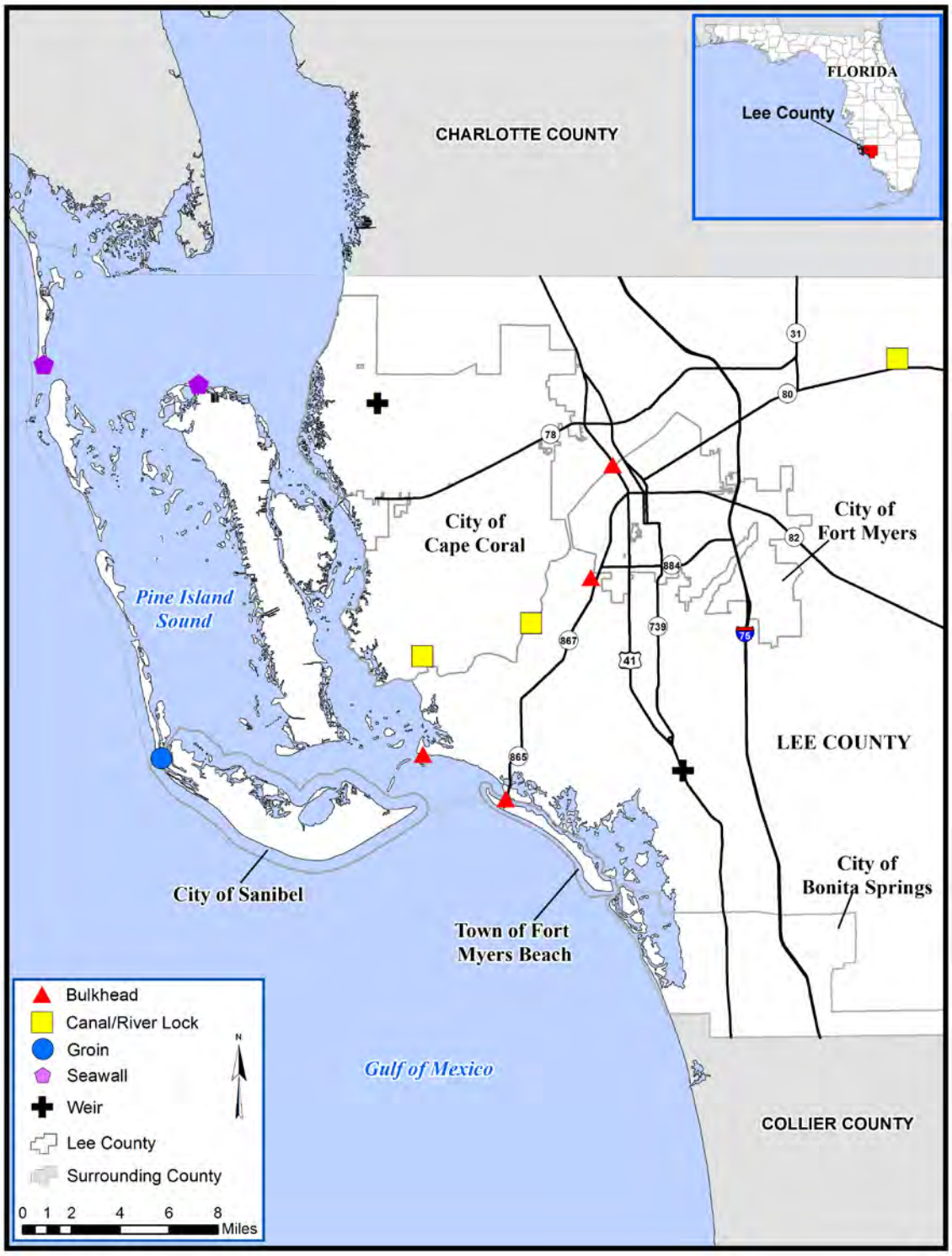


Figure 3: Locations of selected coastal structures in Lee County

Gasparilla Island, Lee County: A 4.0-mile segment of critically eroded beach along the southern gulf shore of Gasparilla Island including portions of Gasparilla Island State Park (R22.5 to R26A). Sand from the maintenance dredging of Boca Grande Pass has been placed along the southern portion of the segment. The Federal Lee County Shore Protection Project authorizes restoration and associated shore protection structures, as needed, for eroding beaches on Gasparilla Island, Captiva Island, and Estero Island. The local sponsor for the Gasparilla portion of the Federal project is Lee County.

In 1999, the USACE completed a General Reevaluation Report for Gasparilla and Estero Islands. The recommended project for the two islands was later modified. The modified project provides for restoration of 2.8 miles of shoreline on Gasparilla Island (R11 to R24). A terminal groin at the south end of the island adjacent to Boca Grande Pass was considered uneconomical and not recommended. In January 2000, the Department and Lee County initiated engineering design and permitting to construct the project on a reimbursement basis with the Federal Government. The final design included a segmented breakwater located approximately 325 feet offshore of R25, two T-head groins in the vicinity of R26, and restoration from R10 to R26 using approximately 920,000 cubic yards of sand from an offshore borrow area. The restoration project was completed in April 2007, and the design consists of a beach berm at elevation +5 feet National Geodetic Vertical Datum (NGVD) sloping to +4.2 feet NGVD to protect the existing dune and upland development. The structures are scheduled for construction in 2014/2015.

In 2004, construction was completed on a toe scour rock revetment (design elevation of +4 feet NGVD) constructed along 791 linear feet of the Belcher Road seawall between R24.5 and R25.5. The revetment provides protection to Gasparilla Island State Park infrastructure including roadway. The restoration project completely buried the rock revetment.

Strategy: Maintain the project through monitoring and nourishment using sand from offshore sources; construct the erosion control structures; monitor.

Boca Grande Pass North Shore, Lee County, 1,000 feet east of R26.7: A 0.2-mile segment of critically eroded inlet shoreline where Gasparilla Island State Park buildings are threatened.

Strategy: Conduct beach restoration project; if not economically viable, consider armoring or relocating the threatened structures landward.

Boca Grande Pass, Lee County, R26-R27: Boca Grande Pass is a part of the Federal Charlotte Harbor Navigation Project. Initial dredging of the authorized channel was completed in 1912. Maintenance dredging of the entrance channel has been conducted every 2 to 3 years since 1971. The dredged sand has been placed offshore except in 1981, 1993, and 1997, when it was placed on the adjacent gulf shoreline of Gasparilla Island. In 1991, the USACE completed a study that recommended that maintenance dredged material from the Charlotte Harbor navigation project be placed on the gulf shoreline of Gasparilla Island to provide storm protection and recreational benefits. However, future maintenance dredging requirements are uncertain due to closure of a local oil shipping terminal, which previously necessitated the maintenance dredging.

Strategy: Place beach compatible sand from maintenance dredging on the shoreline of Gasparilla Island in conjunction with the restoration project.

Captiva Pass, Lee County, R65-R66: Unimproved, natural pass between Cayo Costa Island and North Captiva Island.

Strategy: Monitor

Northern Shore of North Captiva Island, Lee County, R66-R71: A 1.0-mile segment of critically eroded beach on the northern shore of North Captiva Island, including 1,000 feet of inlet shoreline east of R66 (0.2 mile) adjacent to Captiva Pass. This area is expected to undergo periods of accretion and erosion as a result of the changes to the inlet channel and the ebb shoal.

*Strategy***:** Monitor

Southern Shore of North Captiva Island, Lee County, R79-R82.3: A 0.8-mile segment of critically eroded beach on the southern gulf shore of North Captiva Island adjacent to Redfish Pass. Shore protection structures were constructed on the property at the south terminus of the island in 1998. During Hurricane Charley in 2004, the segment of beach from R78 to R79 was breached, forming an opening, locally known as Charley's Cut. Charley's Cut remains open but has decreased in size since its initial opening.

*Strategy***:** Monitor in conjunction with the monitoring program for Redfish Pass and evaluate performance of existing shore protection structures and additional erosion control alternatives.

Redfish Pass, Lee County, R82-R83: Redfish Pass, a natural inlet formed in 1921, provides recreational boating access through a relatively deep channel that has not required maintenance dredging. In 1977, construction began on a terminal groin at the north end of Captiva Island adjacent to Redfish Pass and was completed in 1981. In 1981, 1988, and 1989, the ebb shoal was used as a sand source for beach nourishment of Captiva Island. In 1993, an inlet management study was sponsored by Captiva Erosion Prevention District (CEPD). In 1998, T-head groins were constructed by private interests on the south end of North Captiva Island, as recommended in the study. During the summer of 2006, the terminal groin on Captiva Island adjacent to Redfish Pass was extended 100 feet seaward and refurbished in conjunction with the Captiva – Sanibel Beach Nourishment Project.

*Strategy***:** Implement a comprehensive beach, inlet, and offshore monitoring program to validate or redefine the sediment budget developed in the inlet management study.

Captiva Island, Lee County, R83-R109: A 5.0-mile segment of critically eroded beach that includes the entire gulf shoreline of Captiva Island and a 0.2-mile segment of inlet shoreline adjacent to Redfish Pass. Beach restoration and nourishment have been conducted, and terminal groins have been constructed at each end of the project area. In 1981, restoration was conducted along the northern portion of the Captiva Island segment (R84-R109) of the Lee County Shore Protection Project without Federal participation. In 1988 and 1989, nourishment of this area and restoration of the remainder of Captiva Island was completed on a Federal reimbursement basis.

In 1996, nourishment of Captiva Island and the northern gulf shoreline of Sanibel Island (R110-R114) was completed using sand from an offshore borrow area. Nourishment of Captiva Island (R85-R109) in conjunction with nourishment of the northern shoreline of Sanibel Island (R110-R118) was completed in January 2006.

Strategy: Maintain the project through monitoring and nourishment using sand from offshore sources; monitor.

Blind Pass, Lee County, R109: In 1972, a terminal groin was constructed at the south end of Captiva Island to protect the bridge across Blind Pass. In 1989, the groin was extended to stabilize the restoration project at the south end of the island. Blind Pass is a historic natural inlet, but shoaling has frequently closed the pass since the opening of Redfish Pass. In 1993, the Department and CEPD sponsored an inlet management study. Since 2000, Blind Pass has been closed most of the time. In March 2001, the portion of Blind Pass seaward of the bridge was mechanically dredged. In 2004, Blind Pass opened briefly during Hurricane Charley. CEPD has designed and obtained a permit to open the pass and place beach-compatible sand on the downdrift beach.

*Strategy***:** Bypass 37,250 cubic yards of beach-compatible sand to the downdrift shoreline south of the inlet on an annual average basis; implement a comprehensive beach, inlet, and offshore monitoring program to validate or redefine the sediment budget.

Northern Shore of Sanibel Island, Lee County, R110-R118: A 1.7-mile segment of critically eroded beach on the northern gulf shore of Sanibel Island. In 1996, restoration of the northern gulf shoreline of Sanibel Island (R110-R114) was conducted in conjunction with nourishment of Captiva Island. Nourishment was completed in January 2006 (R110-R118).

*Strategy***:** Maintain the project through monitoring and nourishment using sand from offshore and bypassing sources.

Gulf Pines Subdivision, Sanibel Island, Lee County, R129-R133: A 0.9-mile segment of critically eroded beach on the central gulf shore of Sanibel Island at Gulf Pines subdivision. Concurrently with the Sanibel Restoration Project in 1996, but under a separate contract with the dredging contractor, the City of Sanibel constructed a restoration project along the Gulf Pines (R129-R133) segment of the island, placing 229,000 cubic yards of sand from an offshore borrow area.

*Strategy***:** Maintain the project through monitoring and nourishment using sand from offshore sources.

Matanzas Pass, Lee County: The navigation channel through Matanzas Pass was completed in 1973 as an extension of the Federal Fort Myers Beach Navigation Project. Periodic maintenance dredging of the pass was conducted in 1986, 1998, and 2001, and the dredged material was placed along the northern gulf shoreline of Estero Island. The U.S. Army Corps of Engineers is currently planning the next maintenance dredging of the pass and interior navigation channels.

Strategy: Continue placing beach-compatible sand from the maintenance dredging of Matanzas Pass on Estero Island.

Estero Island, Lee County, R175 (-0.4)-R200: a 5.0-mile segment of critically eroded beach on Estero Island that includes Fort Myers Beach. Sand from the maintenance dredging of Matanzas Pass has been placed along the northern portion of this area.

The Federal Lee County Shore Protection Project authorizes beach restoration and associated shore protection structures as needed for eroding beaches on Estero Island. The local sponsor is Lee County. The Federal project design consists of a beach berm at elevation +4 feet NGVD and constitutes 10 years of advance nourishment to protect the existing dune and upland development. In August 1999, the USACE completed a General Reevaluation Report for Gasparilla and Estero Islands, and as a result the recommended project for the two islands was modified. The Gasparilla Island portion of the Lee County project was constructed in 2007. The modified project was to restore 4.7 miles of shoreline on Estero Island (R175-R199) and included a terminal groin at the north end of the island adjacent to Matanzas Pass.

In 2000, engineering design and permitting were initiated for federally reimbursable portions of the project. The design goal was to modify the recommended project by using an offshore borrow area located closer to the project shoreline, increasing the interval between nourishment events. Additional non-Federal project features will be included as construction options for restoration on southern Estero Island (R208-R210) and Lovers Key (R215-R221).

Strategy: Construct and then maintain the project through monitoring and nourishment using sand from offshore sources; construct terminal groin.

Big Carlos Pass, Lee County: Big Carlos Pass is located between Estero Island and Lovers Key and connects the Gulf of Mexico with Estero Bay. Sand has been excavated in the vicinity of the Big Carlos Pass ebb shoal as a sand source for the Bonita Beach Nourishment Project.

Strategy: Monitor.

Lovers Key, Lee County, R214-R222: A 1.5-mile segment of critically eroded beach on Lovers Key, which includes Lovers Key State Park. In October 2004, a 1.2-mile beach and dune restoration project was conducted on Lovers Key that consisted of placing approximately 590,000 cubic yards between R215 and R220. This material was taken from an offshore borrow site. Lee County is the local sponsor.

Strategy: Maintain the project through monitoring and nourishment using sand from offshore sources.

A 1.1-mile beach nourishment project is ongoing for Lovers Key along the Lee County shoreline from R214.5 to R220.5. This project will use beach-compatible material from the borrow areas on the west side of the project area. The project also involves dredging the fill material from borrow areas and transferring the material by pipeline to the project fill areas. As required to meet the State Water Quality standards, a temporary dike will be constructed to confine and

accommodate settlement of the beach fill material from the pipeline discharge during dredging operations. The dike will be maintained such that the discharge meets the required water quality standards. The project estimated completion date is in November 2014.

Strategy: Maintain the project through monitoring and nourishment using sand from offshore sources.

New Pass, Lee County: New Pass is hydraulically connected with Big Hickory Pass via Estero Bay and has not been structurally stabilized. In 1994, an inlet management study of New Pass and Big Hickory Pass was completed. Based in part on the study, the ebb shoal of New Pass was dredged as a sand source for the 1995 beach restoration at Bonita Beach.

Strategy: Monitor.

Big Hickory Pass, Lee County: Big Hickory Pass is hydraulically connected with New Pass via Estero Bay. Big Hickory Pass has repeatedly closed and been reopened by storms and mechanical excavation. In 1994, an inlet management study of New Pass and Big Hickory Pass was completed. Based in part on this study, terminal groins were constructed adjacent to Big Hickory Pass at the north end of the Bonita Beach Restoration Project shoreline.

Strategy: Monitor.

Little Hickory Island, Lee County, R226-R230.4: a 0.9-mile segment of critically eroded beach on Little Hickory Island at Bonita Beach. Beach restoration was completed in December 1995. The non-Federal Bonita Beach Restoration Project (R226-R230) was constructed along the northern gulf shoreline of Little Hickory Island using sand from the ebb shoal of New Pass. Lee County is the local sponsor. The 0.78-mile project placed approximately 217,000 cubic yards of sand between R225.5 and R230. The project included two terminal groins constructed at the north limits of the beach fill adjacent to Big Hickory Pass. The southern groin was damaged during the passage of Tropical Storm Gabrielle, and was rehabilitated during the summer of 2003.

The beach nourishment project was completed along Bonita Beach (R226-R230) in June 2004 using approximately 143,000 cubic yards of sand from the Big Carlo Pass ebb shoal. The project design consisted of a beach berm at elevation +5.5 feet NGVD and a dune feature at elevation +6.5 feet NGVD to protect the existing dune and upland development.

Strategy: Maintain the project through monitoring and nourishment using sand from offshore sources.

A 0.8-mile beach nourishment project is ongoing at Bonita Beach along the Lee County shoreline from R226A to R230. This project will use beach-compatible material from the borrow areas on the west side of the project area. The project also involves dredging the fill material from borrow areas and transferring the material by pipeline to the project fill areas. As required to meet the State Water Quality standards, a temporary dike will be constructed to confine and accommodate settlement of the beach fill material from the pipeline discharge during dredging

operations. The dike will be maintained such that the discharge meets the required water quality standards. The project estimated completion date is September 2014.

Strategy: None listed

viii. Critical Facilities

Critical facilities to create and uphold an emergency response are the key to recovery efforts and a return to the status quo. These facilities are considered essential for Continuity of Government and Continuity of Operations. They represent public and private resources necessary to ensure public safety, emergency response, and continuation of mission essential functions.

Table 11 lists the type of critical facilities in Lee County's Local Mitigation Strategy (LMS) (Lee County, 2010) Critical Facilities Inventory and the number of facilities.

The list of critical facilities in Hendry County is protected information and is therefore not included.

Table 11: Critical Facilities for Lee County

Critical Facility Designation	Number of Facilities[(1)]
Church	802
Clinic	99
Communication	450 towers, not buildings
County Owned Offices, Library, Government Owned Building	197
Electrical	76
Federally Owned Offices, Library, Government Owned Building	21
Florida Highway Patrol	1
Gas Stations	190
Government Owned Building	226
Government Owned College, University	82
Government Owned Hospital	12
Public School	557
Hazardous Material Site	244
Home for the Aged, Assisted Care Living Facility	90
Hospital, Private	165
Hospitals	1
Hotels/Motels	594
Landfill	13
Landing Zone	27 landing zones, not buildings on property
Municipally Owned Offices, Library, Government Owned Building	63
Nursing Homes	106
Nursing/Convalescent Centers	68
Red Cross	25
School, Private	65
Sewage Treatment Facility	168
Shelters	275

Table 11: Critical Facilities for Lee County

Critical Facility Designation	Number of Facilities[1]
Sheriff Department	49
State Owned Offices, Library, Government Owned Building	78
Supermarkets	177
Top 100 Businesses	1,527
Transportation Facilities	43
Utilities	120
Water Treatment Facility	276
Waterworks	3

[1]As identified in the Lee County Local Mitigation Strategy (Lee County, 2010)

ix. Dams

The National Inventory of Dams (NID), a congressionally authorized database maintained by USACE, houses information about dams in the United States (USACE, 2013a). The only dam listed in the NID in Lee County is the W.P. Franklin Lock and Dam, which is located on the Caloosahatchee River and is owned by USACE. The location of the dam is shown on the Discovery Maps in Appendix C. The NID lists several dams in Hendry County, but they are all outside the expected storm surge inundation area.

x. Flood Insurance Policies and Repetitive Loss

For this Discovery project, the study team used the NFIP to gather data on flood insurance policies in the County. Repetitive loss data were obtained from FEMA (FEMA, 2014a), which indicated that claims for repetitive losses were filed in the Cities of Bonita Springs, Cape Coral, Fort Myers, Sanibel, and LaBelle; the Town of Fort Myers Beach; and the Unincorporated Areas of Lee County, as shown in Table 12. Severe repetitive loss properties for each community are included in the number of properties.

Table 12 shows the number of repetitive loss properties for each community as of August 31, 2014, whereas Table 1 shows the total repetitive loss claims. Please note that the repetitive loss information is shown by community in the report, while on the maps the study team analyzed the total payment and repetitive loss data obtained from FEMA based on census blocks. The repetitive and severe repetitive loss information is shown on the Discovery Map (Appendix C).

Table 12: Repetitive Loss Properties and Total Payments in Lee and Hendry Counties

Community Name	Community Identification Number	Building Payments ($)	Contents Payments ($)	Total Payments ($)	Number of Properties
Lee County					
Lee County (Unincorporated Areas)	125124	$5,265,164	$1,686,513	$6,951,677	197
Bonita Springs, City of	120680	$2,381,745	$390,415	$2,772,160	62

Table 12: Repetitive Loss Properties and Total Payments in Lee and Hendry Counties

Community Name	Community Identification Number	Building Payments ($)	Contents Payments ($)	Total Payments ($)	Number of Properties
Cape Coral, City of	125095	$31,417	$8,413	$39,830	4
Fort Myers, City of	125106	$296,344	$39,708	$336,052	9
Fort Myers Beach, Town of	120673	$14,941,610	$4,233,876	$19,175,486	326
Sanibel, City of	120402	$2,944,521	$828,691	$3,773,212	66
Total Amounts for Lee County		**$25,860,801**	**$7,187,616**	**$33,048,417**	**664**
Hendry County					
Hendry County (Unincorporated Areas)	120107	$0	$0	$0	0
LaBelle, City of	120109	$13,275	$694	$13,969	1
Total Amounts for Hendry County		**$13,275**	**$694**	**$13,969**	**1**

Source: Lee and Hendry Counties Repetitive Loss and Severe Repetitive Loss Properties Provided by FEMA, data is as of August 31, 2014 (FEMA, 2014a)

As shown in Table 12, the sum of the repetitive loss total payments is $33,048,417 for all of the communities in Lee County and $13,969 for the Hendry County (Unincorporated Areas) and the City of LaBelle. The repetitive loss total payments for each of the counties in the SWFCSS study area are listed below. The amount of the total payments for the entire SWFCSS study area is $61,870,946.

- Charlotte County $5,617,821
- Collier County $3,473,445
- DeSoto County $1,501,444
- Hendry County $ 13,969
- Lee County $33,048,417
- Sarasota County $18,215,850

xi. Gage Data

Stream, tidal, and wave gage data are available for Lee and Hendry Counties.

Stream Gages

The USGS National Water Information System Web Interface (USGS, 2013) provides real-time data for any given stream gage location. The USGS stream gages that could potentially be used for the coastal analysis were identified based on location, anticipated tidal affects, and whether the gage was expected to be within the storm surge inundation area.

There were no stream gages identified in Hendry County within the expected storm surge inundation area. The gages identified in Lee County are listed in Table 13 by gage ID and gage location. The USGS stream gage locations are also shown on the Discovery Map (Appendix C). The final gage selection will occur during the coastal analysis and will depend on a thorough gage analysis of several additional factors, such as the quality and type of data available.

Table 13: Stream Gage Information for Lee County

Gage ID	Gage Location
2293190[(2)]	Billy's Creek at Fort Myers, FL*
2293205[(1)]	Caloosahatchee River at Channel Marker 52*
263144082010400[(1)]	Caloosahatchee River at Punta Blanca near Cape Coral, FL*
2293210[(1)]	Caloosahatchee River at Shell Point near Iona, FL*
2292900[(1)]	Caloosahatchee River at S-79 near Olga, FL
2293263[(2)]	Gator Slough above Weir 19 at Cape Coral, FL
2293262[(1)]	Gator Slough West of US-41 near Fort Myers, FL
264006081534400[(2)]	Hancock Creek at Pondella Road, North Fort Myers, FL*
2291500[(1)]	Imperial River near Bonita Springs, FL
2291580[(1)]	North Branch Estero River at Estero, FL
2293055[(2)]	Orange River near Buckingham, FL*
2293090[(2)]	Popash Creek at Leetana Road near North Fort Myers, FL*
2291669[(1)]	Six Mile Cypress Creek near Fort Myers, FL
2291524[(1)]	Spring Creek Headwater near Bonita Springs, FL
2291597[(2)]	South Branch Estero River at Estero, FL
22929176[(2)]	Telegraph Creek at State Highway at Olga, FL*
2291673[(1)]	Ten Mile Canal at Control near Estero, FL
2293230[(2)]	Whiskey Creek at Fort Myers, FL

[(1)] Gage expected to be within the storm surge inundation area
[(2)] Gage affected by tide but expected to be outside the storm surge inundation area
* Source: Florida Water Science Center (Florida Water Science Center, 2013)

Tidal Gages

The National Oceanic and Atmospheric Administration's (NOAA's) Center for Operational Oceanographic Products and Services (CO-OPS) provides the national infrastructure, science, and technical expertise to monitor, assess, and distribute tide, current, water level, and other coastal oceanographic products and services that support NOAA's mission of environmental stewardship and environmental assessment and prediction. CO-OPS' primary motivation is the collection and dissemination of high quality and accurate measurements of sea level and tides for scientific studies. These data enable tide prediction and forecasting.

Table 14 shows the tidal gage station ID and location for the gages within Lee County; there were no tidal gages identified in Hendry County (NOAA, 2013c). The gage location is shown on

the Discovery Map in Appendix C. The final gage selection will occur during the coastal analysis and will depend on a thorough gage analysis of several additional factors, such as the quality and type of data available.

Table 14: Tidal Gage Information for Lee County

Station ID	Gage Location	Location	Years of Historical Data
8725451	Cape Coral Bridge, FL	26°33.8′ N 81°56.0′ W	1965 to 1966
8725383	Captiva Island (South End), FL	26°28.7′ N 82°11.0′ W	1965 to 1966
8725417	Captiva Island, Pine Island, Sound FL	26°31.3′ N 82°11.3′ W	1961 to 1966
8725325	Carlos Point, Estero Bay, FL	26°24.3′ N 81°53.1′ W	1973
8725228	Cocohatchee River, US 41, FL	26°16.9′ N 81°48.1′ W	1978 to 1979
8725319	Coconut Point, Estero Bay, FL	26°24.0′ N 81°50.6′ W	1965 to 2014
8725351	Estero Island, Estero Bay, FL	26°26.3′ N 81°55.1′ W	1973
8725520	Fort Myers, FL	26°33.8′ N 81°52.2′ W	1965 to 1998
8725411	Galt Island, Pine Island Sound, FL	26°30.8′ N 82°6.4′ W	1960 to 1961
8725418	Iona Shores, Caloosahatchee River, FL	26°31.3′ N 81°57.9′ W	1965
8725283	Little Hickory Island, Estero Bay, FL	26°21.2′ N 81°51.3′ W	1965 to 1966
8725366	Matanzas Pass, Estero Island, FL	26°27.4′ N 81°57.2′ W	1965 to 1973
8725506	Matlacha Pass (Bascule Bridge), FL	26°37.9′ N 82°4.1′ W	1965 to 1966
8725528	Pine Island, Charlotte Harbor, FL	26° 39.6′ N 82° 9.3′ W	1977 to 1978
TEC4207	Point Ybel, San Carlos Bay Entrance	26° 27.0′ N 82° 1.0′ W	2011 to 2014
8725391	Punta Rassa, San Carlos Bay, FL	26°29.3′ N 82°0.8′ W	1977 to 1978
8725441	Redfish Pass, Captiva Island, FL	26°33.0′ N 82°11.8′ W	1965 to 1966
8725393	St. James City, Pine Island, FL	26°29.5′ N 82°4.9′ W	1965 to 1971
8725439	Tropical Homesites, Atlacha Pass, FL	26°32.9′ N	1965 to 1966

Table 14: Tidal Gage Information for Lee County

Station ID	Gage Location	Location	Years of Historical Data
8725439	Tropical Homesites, Atlacha Pass, FL	26°32.9′ N	1965 to 1966
8725235	Wiggins Pass, Inside, FL	26°17.4′ N 81°49.1′ W	1977 to 1979

Source: NOAA Tides & Currents (NOAA, 2013c)

Meteorological Stations

The National Data Buoy Center (NDBC) is a part of the NOAA National Weather Service. NDBC designs, develops, operates, and maintains a network of data collecting buoys and coastal stations. NDBC provides hourly observations from a network of about 90 buoys and 60 Coastal Marine Automated Network (C-MAN). All stations measure wind speed, direction, and gust; atmospheric pressure; and air temperature. In addition, all buoy stations and some C-MAN stations measure sea surface temperature and wave height and period. Conductivity and water current are measured at selected stations.

Table 15 shows the gage station identification number and location for the meteorological stations identified in Lee County. There were no coastal meteorological stations identified in Hendry County (NOAA, 2013b). The station locations are shown on the Discovery Maps in Appendix C.

Table 15: Meteorological Station Information for Lee County

Station ID	Gage Location	Location	Owner	Years of Historical Data
BGCF1	Big Carlos Pass, FL	26°24.2′ N 81°52.9′ W	COMPS (University of South Florida)	2005 to 2014
FMRF1	Fort Myers, FL	26°38.8′ N 81°52.3′ W	NOAA's National Ocean Service	2005 to 2014

Source: NOAA National Data Buoy Center (NOAA, 2013b)
COMPS = Coastal Ocean Monitoring and Prediction System, University of South Florida
NOAA = National Oceanic and Atmospheric Administration

xii. Hazus–MH Data

FEMA's Multi-Hazard Risk Assessment and Loss Estimation Program, otherwise known as Hazus-MH, is used to estimate potential losses from earthquakes, hurricane winds, and floods and can be used to determine the Average Annualized Loss (AAL). FEMA performed a nationwide Hazus-MH Level 1 analysis using the USGS 10-meter Digital Elevation Model data and a 10-square-mile stream delineation. The results were obtained from a FEMA Hazus AAL Usability Analysis dated April 13, 2011 (FEMA, 2011a). The resultant AAL at the County level is shown in Table 16. The AAL data summarized at the census block level are shown on the Discovery Map in Appendix C.

Table 16: Hazus AAL Data for Lee and Hendry Counties

FIPS	County	Total	Buildings	Content
12071	Lee	$1,245,594,000	$636,781,000	$588,655,000
12051	Hendry	$8,154,000	$3,841,000	$4,122,000

AAL = Average Annualized Loss
FIPS = Federal Information Processing Standard

xiii. Historical Flooding

Tropical Storms and Hurricanes

The Lee County Flood Insurance Study (FIS) (FEMA, 2008) describes the principal coastal flooding problems in the study area:

> Flooding in the coastal regions of the study area is primarily from hurricanes and tropical storms. Not all storms which pass close to the study areas produce extremely high storm surges. Similarly, storms which produce extreme conditions in one area may not necessarily produce critical conditions in other parts of the study area. However, with the condition of high winds directed onshore, the storms surges produced can inundate the coastal islands and flood the coastal areas behind them for some distance inland. Wave action which accompanies wind-generated storms can cause flooding, erosion, and structural damage, particularly on the offshore islands.

Table 17 lists the federally declared disasters in Lee and Hendry Counties as summarized in the FEMA Disaster Declarations Summary (FEMA, 2013c).

Table 17: Disaster Declarations in Lee and Hendry Counties

County	Date	Type	Title
Lee, Hendry	September 1965	Hurricane	Hurricane Betsy
Lee	November 1968	Hurricane	Hurricane Gladys
Lee, Hendry	June 1972	Coastal Storm	Tropical Storm Agnes
Hendry	July 1982	Flood	Severe Storms and Flooding
Hendry	March 1993	Tornado	Tornadoes, Flooding, High Winds and Tides, Freezing
Lee	October 1995	Hurricane	Hurricane Opal
Lee, Hendry	September 1998	Hurricane	Hurricane Georges
Lee, Hendry	October 1999	Hurricane	Tropical Storm Irene
Lee	September 2001	Coastal Storm	Severe Storms, Tornadoes and Flooding associated with Tropical Storm Gabrielle
Lee, Hendry	August 2004	Hurricane	Tropical Storm Bonnie and Hurricane Charley
Lee, Hendry	September 2004	Hurricane	Hurricane Frances
Lee	September 2004	Hurricane	Hurricane Ivan
Lee, Hendry	September 2004	Hurricane	Hurricane Jeanne
Lee, Hendry	October 2005	Hurricane	Hurricane Wilma

Table 17: Disaster Declarations in Lee and Hendry Counties

County	Date	Type	Title
Lee, Hendry	August 2008	Severe Storm(s)	Tropical Storm Fay
Lee	July 2012	Severe Storm(s)	Tropical Storm Debby

Source: Data based on FEMA Declared Disasters dated October 2013 (FEMA, 2013c)

Major storm occurrences from 1950 to the 2013 and their respective damage can be found in the Storm Events Database, which is maintained by NOAA's National Climatic Data Center (NOAA, 2013a). Table 18 summarizes the damage associated with events that occurred in Lee County or Hendry County. However, the Storm Events Database associates damage by zones that include multiple counties, so the amounts are not necessarily solely for Lee County or Hendry County. In the Storms Events Database, Lee County is included in the West-Central Florida area, and Hendry County is included in the Southern Florida area. The West-Central Florida area includes Charlotte, Citrus, Desoto, Hardee, Hernando, Highlands, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas, Polk, Sarasota, and Sumter Counties. The Southern Florida area includes Broward, Collier, Glades, Hendry, Miami-Dade, Monroe and Palm Beach Counties. A comprehensive summary of the historical storm events listed in Table 18 is provided in Appendix H.

Table 18: Historical Storm Events in West-Central Florida and Southern Florida

Date	Type	Deaths	Injuries	Property Damage	Crop Damage
West-Central Florida					
10/07/1996	Tropical Storm Josephine	0	1	$44,600,000	0
09/25/1998	Hurricane Georges	0	0	$250,000	0
09/02/1998	Hurricane Earl	0	2	$1,130,000	0
11/04/1998	Tropical Storm Mitch	0	0	$78,000,000	0
09/14/1999	Hurricane Floyd	0	0	$20,000	0
09/20/1999	Tropical Storm Harvey	0	0	$100,000	0
10/15/1999	Hurricane Irene	0	0	0	0
09/17/2000	Hurricane Gordon	0	0	$5,050,000	0
09/14/2001	Tropical Storm Gabrielle	0	6	$16,900,000	0
08/13/2004	Hurricane Charley	7	780	$5.42 billion	$285,000,000
09/05/2004	Hurricane Frances	1	0	$179,400,000	0
09/25/2004	Hurricane Jeanne	0	0	$134,800,000	0
07/09/2005	Hurricane Dennis	0	0	$32,000	0
10/24/2005	Hurricane Wilma	0	0	$1,100,000	0
08/19/2008	Tropical Storm Fay	0	0	$250,000	0

Table 18: Historical Storm Events in West-Central Florida and Southern Florida

Date	Type	Deaths	Injuries	Property Damage	Crop Damage
Southern Florida					
11/04/1998	Tropical Storm Mitch	2	65	$30,000,000	$20,000,000
09/13/2001	Tropical Storm Gabrielle	0	0	$50,000	0
08/13/2004	Hurricane Charley	0	0	$2,580,000	0
09/04/2004	Hurricane Frances	0	0	$621,000,000	$90,000,000
09/25/2004	Hurricane Jeanne	0	0	$323,000,000	$30,000
08/29/2006	Tropical Storm Ernesto	0	0	0	0
08/18/2008	Tropical Storm Fay	0	0	$15,000	0

Source: NOAA National Climatic Data Center (NOAA, 2013a)

The following descriptions from the Lee County FIS (FEMA, 2008) document several significant tropical storms and hurricanes:

> The hurricane of September 11-22, 1926, was one of the most destructive events of the century in Florida. Damage for this storm was estimated at $100 million statewide. High tides up to 12 feet above normal were reported at Fort Myers and Punta Rassa. The offshore islands of Sanibel and Captiva were inundated, with many homes being swept off their foundations. Flooding damage in the Fort Myers, Sarasota, and Bradenton areas were estimated at $3 million.
>
> The hurricane of September 4-21, 1947, entered the Florida coastline at Fort Lauderdale on September 17. As it moved across the peninsula, it maintained its full intensity and caused extensive flooding. Winds of 90 knots were recorded at Fort Myers, where storm damage totaled nearly $1 million.
>
> In September 1960, the southern portion of Lee County was particularly affected by Hurricane Donna. High-water marks of 10 to 11 feed NGVD of 1929 were recorded on Eastern Island. The effects of the hurricane were augmented by antecedent rains which, in the previous three weeks, totaled almost 10 inches over the affected areas. This resulted in higher-than-normal water tables.
>
> The following is a description of selected tropical storms that have affected Lee County since 1984.
>
> July 21-25, 1985 Hurricane Bob: Hurricane Bob, relatively short-lived, struck the southwest Florida coast near Fort Myers on July 21-25, 1985, as a tropical storm. Winds reached 50-70 miles per hour (mph). Bob crossed Lake Okeechobee and went out to sea near Vero Beach on the 23rd of July. The hurricane then turned to the north, skirting Daytona on the 24th.
>
> October 9-13, 1987 Hurricane Floyd: Even though Hurricane Floyd did not make landfall on the gulf coast of Florida, it poured large amounts of rain as it traveled from the

western tip of Cuba through the Florida Keys. One of the meteorological stations in Lee County recorded almost seven inches of rain.

November 17-26, 1988 Hurricane Keith: Hurricane Keith, a tropical storm during November 17-24, 1988 moved into Florida's west coast between Ft. Myers and Tampa as a tropical storm with 65 mph winds. The storm crossed the state intact and entered the Atlantic Ocean. Heavy rains were recorded and tornadoes were sighted throughout the state.

August 16-28, 1992 Hurricane Andrew: Hurricane Andrew developed into a Category 4 hurricane on August 23rd while en route to the southern tip of Florida. When it made landfall just south of Miami on the 24th, it had sustained winds of 145 mph and gusts up to 175 mph. The entire southern portion of the Florida Peninsula, from Vero Beach south through the Keys and up the west coast to Fort Myers, fell under a Hurricane Warning. Even though Hurricane Andrew became one of the most powerful hurricanes to hit Florida, the reported highest rainfall in Lee County totaled less than one inch on the 24th.

November 8-21, 1994 Hurricane Gordon: This hurricane formed on November 8th, just off the coast of Nicaragua. It traveled erratically toward Florida, moved through Jamaica, crossed eastern Cuba and the Florida Keys, and finally made landfall very close to Fort Myers on the 16th. The tropical system crossed Florida with sustained winds of 45 mph and heavy rains. Rainfall amounts up to 2.5 inches were recorded in Lee County. This tropical storm became a hurricane only after it crossed the peninsula and reached the Atlantic Ocean.

August 22-28, 1995 Tropical Storm Jerry: Even though this storm never became a hurricane, it dropped large amounts of rain throughout Florida. On August 24th, 1995, a meteorological station in Lee County recorded 5.1 inches of rain. The system made landfall near Palm Beach, traveled across Florida into the Gulf of Mexico around Cedar Key, and dissipated close to the Florida-Georgia border.

October 22-November 5, 1998 Hurricane Mitch: Probably the strongest hurricane to strike Central America in modern times, Hurricane Mitch became a Category 5 hurricane while in the Caribbean. After it made landfall in Honduras, it quickly reduced power and dropped huge amounts of rain in the region. Then it traveled through Guatemala, Mexico, crossed the Gulf of Mexico, and made landfall close to Fort Myers in Lee County. The storm did not have much wind organization, but it still carried large amounts of rainfall, as registered on November 5, 1998. That day, a Lee County rain station measured 6.3 inches of rain.

September 19-22, 1999 Tropical Storm Harvey: Tropical Storm Harvey, a short-lived tropical system, crossed Florida from the Gulf of Mexico just south of Lee County and entered the Atlantic Ocean in about 72 hours. The amount of rain recorded for the county reached 5.1 inches.

September 11-19, 2001 Hurricane Gabrielle: Hurricane Gabrielle, originating in the Gulf of Mexico, traveled northeast through Florida and made landfall just south of Tampa Bay. Gabrielle made is path through Florida as a tropical storm, dropping up to 3.3 inches of rain in Lee County.

August 9-14, 2004 Hurricane Charley: Hurricane Charley strengthened rapidly just before striking the southwestern coast of Florida as a Category 4 hurricane. Charley was the strongest hurricane to hit the United States since Andrew in 1992 and, although small in size, it caused catastrophic wind damage in Charlotte County, Florida. Serious damage occurred well inland over the Florida peninsula. A storm surge of 4.2 feet was measured by a tide gauge in Estero Bay, near Horseshoe Key. This is near Fort Myers Beach. Storm surges of 3.4 and 3.6 feet were measured on tide gauges on the Caloosahatchee River, near Fort Myers. Maximum rainfall totals from gauges in Florida ranged up to a little over 5 inches, but radar-estimated storm precipitation over central Florida were as high as 6 to 8 inches.

The following descriptions from the Lee County LMS (Lee County, 2010) document several significant tropical storms and hurricanes:

August 2, 2001 Tropical Storm Barry: Barry formed in the Gulf of Mexico, adjacent to the Lee County shoreline on August 2, 2001. The storm brought heavy rains to much of Florida, as it moved into the Florida panhandle on August 6, 2001. The storm may have reached Category 1 hurricane status while over the Gulf of Mexico, but was a tropical storm as it struck the Pensacola area. After the 6th, the storm was downgraded to a tropical depression. By the evening of August 8, 2001, the storm had dissipated.

September 14, 2001 Tropical Storm Gabrielle: Tropical Storm Gabrielle began to affect the Southwest Florida coast during the pre-dawn hours of September 14th with sustained winds of 40 to 50 mph along the coasts of Lee and other counties. Total damage across the 15 county-area of Southwest and West Central Florida from Gabrielle was estimated to be nearly 17 million dollars. In Lee County, tropical storm wind gusts of 45 to 55 mph and flooding caused up to 5.7 million dollars in damage. Most of the wind damage was caused to roof shingles, carports, and lanais, mainly in the Cape Coral area. Flooding caused major damage to nearly 100 homes and another 500 incurred minor flood damage, mainly due to storm tides of three to four feet along coastal areas from Ft. Myers Beach to Sanibel, Captiva, and Pine Islands from sunrise through 1 pm. At least four, separate and distinct, narrow sporadic tornadoes occurred with the outer spiral bands on the east side of Gabrielle. All tornadoes observed produced minor damage, were determined to be EF0 category, and occurred over rural portions of Lee, Charlotte, DeSoto, and Manatee Counties between 3:00 and 6:00 a.m.

August 13, 2004 Hurricane Charley: Hurricane Charley made landfall just north of Captiva with sustained winds estimated at 45 mph. The center of Charley crossed the barrier islands of Cayo Costa and Gasparilla Island at 345 PM Eastern Daylight Time (EDT). The storm produced an eight- to nine-foot storm surge in Lee County. The storm surge created a new pass 300 yards wide across North Captiva Island. The storm surge was estimated at 4 to 6 feet at Fort Myers Beach, Horseshoe Key, and Port Boca Grande. Its fast forward motion limited rainfall totals to 4 to 6 inches along the track of the hurricane's eye wall. A personal weather station in Fort Myers recorded a wind gust of 95 mph. The total structures affected count was 18,160. Homeowner insurance claims totaled 77,582 with $911,784.880 being paid out. To date, 2,274 flood claims have been paid totaling $44,432,069. Seven deaths were attributed to this storm in Lee County.

Approximately 2,000,000 cubic yards of debris was collected by Lee County Solid Waste, Crowder-Gulf, and the cities.

September 5, 2004 Hurricane Frances: Hurricane Frances made landfall just after midnight on September 5th near Vero Beach as a Category 2 storm. In Lee County the observation at Big Carlos Pass recorded a gust to 51 knots (59 mph) from the west at 12:18 AM Eastern Standard Time (EST) on 09/05/2004. One direct death was reported when an elderly man was blown over by a wind gust while walking his dog 10 feet outside of his home. Fourteen homes were destroyed by the wind.

September 26, 2004 Hurricane Jeanne: Hurricane Jeanne followed the nearly the same path across Florida as Hurricane Frances three weeks earlier. In Lee County the Big Carlos Pass observation recorded a gust to 49 knots (56 mph) from the west southwest at 7:42 AM EST on 09/26/2004.

July 19, 2005 Hurricane Dennis: A bubble of storm surge from Hurricane Dennis moved north along the west Florida Gulf Coast during the day. The surge peaked at Fort Myers around 3:30 AM EDT. Lee County: Fort Myers - Storm Surge 3.08 feet at 3:36 AM EDT, Storm Tide 3.20 feet at Four to six inches of rain fell near Punta Gorda and Fort Myers. In Lee County, maximum winds were estimated at 40 mph with gusts to 50 mph along Sanibel Island. No significant damage was reported.

October 24, 2005 Hurricane Wilma: Hurricane Wilma made landfall near Cape Romano in Collier County around daybreak on October 24th as a Category 3 hurricane with a 60 mile wide eye wall. The storm produced widespread heavy rains of 4 to 8 inches across the area but unseasonably dry conditions prior to Wilma limited flooding. Storm surge was not a problem in the Fort Myers area as winds were offshore. The north part of Hurricane Wilma's eye wall passed along the Lee/Collier county border. Southern Lee County received widespread minor to isolated moderate damage. A peak wind gust of 87 mph was reported at the C-MAN station at Big Carlos Pass at 654 AM EDT. The Regional Southwest airport recorded a peak wind from the north of 79 mph at 828 AM EDT and Page Field recorded a peak wind of 76 mph at 812 AM EDT. Damages to private prop were initially estimated at $108.4 million in structure damage. Of this, $69.7 million was attributed to flooding. Final total structures affected to date are 959. Homeowner insurance claims totaled 23,639 with $182,709,253 being paid out. To date, 47 flood claims have been paid totaling $945,168. The debris totaled about 200,000 cubic yards, or about 1/10 of the debris left by Hurricane Charley in 2004. Power was out to about 208,000 customers at the peak of the storm.

August 19, 2008 Tropical Storm Fay: Tropical Storm Fay made landfall in Collier County and initially caused little damage to Lee County. During TS Fay's course, it again went over water and came back into Florida on a Westward track. The ensuing rain bands from TS Fay caused the evacuation of Saldivar Migrant Camp and Manna Christian Mobile Home Park in the Bonita Springs area. The Bayshore and Alva areas also experienced some flooding issues, including private roads.

Historical Flooding

The following paragraph from the Hendry County Preliminary FIS (FEMA, 2013g) briefly describes historical flooding occurrences:

> Early records of flooding along the Caloosahatchee River are limited, but serious flooding occurred in 1924, 1926, 1928, 1930, 1936, 1945, 1947, 1948, 1951, and 1953. The flood of June 1930 was the most severe of recent years; however, stage records of that flood are not applicable to existing conditions because of channel improvements in the early 1960's. The record stage of the Caloosahatchee River since construction of the navigation and flood control project was 11.5 feet NAVD at the upstream side of Ortana Locks on June 26, 1974. No significant flooding of Hendry County occurred in June 1974, except for the lower reaches of Stream A – LaBelle, Stream E – LaBelle, and Stream – F LaBelle.

Flood occurrences (from 1950 to 2013) and their respective damage can be found in the Storm Events Database, which is maintained by NOAA's National Climatic Data Center. Table 19 shows historical flood events in Lee and Hendry Counties and the corresponding deaths, injuries, property damage, and crop damage (NOAA, 2013a). These flood events do not include the named storm events (tropical storms and hurricanes) listed in Table 18.

Table 19: Historical Occurrences of Flooding in Lee and Hendry Counties

Location	Date	Type	Deaths	Injuries	Property Damage	Crop Damage
Lee County						
Cape Coral	06/04/1994	Flash Flood	0	0	0	0
Lee, Charlotte, and DeSoto Counties	06/30/1995	Flood	0	0	$10,000,000[1]	0
Lee County	07/18/1995	Flood	0	0	$100,000	0
Fort Myers	7/23/1995	Urban/Small Stream Flood	0	0	0	0
Lee, Charlotte, and DeSoto Counties	07/26/1995	Flood	0	0	$100,000[1]	0
Lee, Charlotte, and DeSoto Counties	08/24/1995	Flood	0	0	0	0
Lee County	09/01/1995	Flood	0	0	$1,300,000	0
Lee County	09/07/1995	Urban/Small Stream Flood	0	0	$10,000	0
Lee County	10/05/1995	Flood	0	0	$5,000,000	0
Fort Myers	06/17/1996	Urban/Small Stream Flood	0	0	$5,000	0
Lee, Charlotte, DeSoto, Manatee, and Sarasota Counties	10/08/1996	Flood	0	0	$150,000[1]	0
Cape Coral	09/27/1997	Flood	0	0	$200,000	0
Captiva	09/27/1997	Urban/Small Stream Flood	0	0	$5,000	0

Table 19: Historical Occurrences of Flooding in Lee and Hendry Counties

Location	Date	Type	Deaths	Injuries	Property Damage	Crop Damage
Cape Coral	01/08/1998	Urban/Small Stream Flood	0	0	$25,000	0
Countywide	02/17/1998	Urban/Small Stream Flood	0	0	$20,000	0
Fort Myers	07/19/1998	Urban/Small Stream Flood	0	0	$20,000	0
Sanibel	07/20/1998	Urban/Small Stream Flood	0	0	0	0
Sanibel	08/12/1998	Urban/Small Stream Flood	0	0	$5,000	0
Cape Coral	06/18/1999	Flood	0	0	$500,000	0
North Fort Myers	07/01/1999	Urban/Small Stream Flood	0	0	$150,000	0
North Fort Myers	07/02/1999	Urban/Small Stream Flood	0	0	$25,000	0
Bonita Springs	09/21/1999	Flood	0	0	$200,000	0
Fort Myers	06/18/2000	Urban/Small Stream Flood	0	0	0	0
Fort Myers	08/05/2000	Urban/Small Stream Flood	0	0	$50,000	0
Fort Myers	08/19/2000	Urban/Small Stream Flood	0	0	0	0
Bonita Springs	08/30/2000	Urban/Small Stream Flood	0	0	$50,000	0
Bonita Beach	09/17/2000	Flood	0	0	$250,000	0
LeHigh Acres	10/04/2000	Flood	0	0	$200,000	0
Lee, Charlotte, Hillsborough, Manatee, Pinellas, and Sarasota Counties	07/23/2001	Coastal Flooding	0	0	$1,650,000[1]	0
Cape Coral	06/28/2002	Urban/Small Stream Flood	0	0	0	0
Cape Coral	11/16/2002	Flash Flood	0	0	0	0
North Fort Myers	06/23/2003	Flash Flood	0	0	$20,000	0
Bonita Springs	06/24/2003	Flash Flood	0	0	$20,000	0
Cape Coral	09/13/2003	Flash Flood	0	0	0	0
Cape Coral	07/07/2006	Flash Flood	0	0	$40,000	0

Table 19: Historical Occurrences of Flooding in Lee and Hendry Counties

Location	Date	Type	Deaths	Injuries	Property Damage	Crop Damage
Estero	08/20/2008	Flood	0	0	$500,000	0
Cape Coral	06/24/2009	Flash Flood	0	0	$2,500	0
Total Amount for Lee County			**0**	**0**	**$12,369,166**	**0**
Hendry County						
Hendry, Glades, and Palm Beach Counties	10/16/1995	Flood	0	0	$3,000,000(1)	0
Felda	07/04/2000	Flash Flood	0	0	0	0
LaBelle	07/15/2001	Flash Flood	0	0	0	0
Hendry County	08/19/2008	Flood	0	0	$300,000	0
Total Amount for Hendry County			**0**	**0**	**$1,300,000**	**0**

(1) The Lee County and Hendry County property damage values for multi-county flood events (as indicated in the location column) were estimated by dividing the total property damage for the storm event by the number of affected counties.

The total property damage for all flood events listed in Table 19 is $12,369,166 for Lee County and $1,300,000 for Hendry County. The total property damage for flood events for each county in the SWFCSS study area is as follows:

- Charlotte County $4,333,772
- Collier County $638,772
- DeSoto County $17,012,772
- Hendry County $1,300,000
- Lee County $12,369,166
- Sarasota County $14,644,000

The total property damage for the entire study area is $45,964,710. This damage is based only on the historical flood events listed in NOAA's Storm Events Database and does not include the historical storm events listed in Table 18.

xiv. Coastal High Water Marks

Coastal High Water Mark (CHWM) data collection helps accurately document a flooding event and assists in response, recovery, and mitigation, for future disasters. CHWMs help place the event within a historical context, improve estimates of current flood risk, and enable governments to make cost-effective decisions about mitigation efforts.

A limited number of CHWMs in Lee County have been collected for selected storms, and they are listed in Table 20. There were no CHWMs identified for Hendry County.

Table 20: Number of Coastal High Water Mark Records from Various Coastal Storm Events in Lee County

Event Name	Year	Number of CHWMs in the Study Area	Source
Hurricane Charley	2004	38	FEMA, 2004

CHWM = Coastal High Water Mark

xv. Land Use

The **Lee County** Comprehensive Plan (Lee County, 2013b) has a Future Land Use Element that presents the County's goals, objectives, and policies for growth guidelines for future land use; history and development of past growth patterns; existing conditions; land use patterns; and a future land use map (Appendix I) for unincorporated areas of the County. According to the Lee County Comprehensive Plan, Future Land Use Element polices related to coastal areas are:

> Policy 1.1.10: Residential uses, other than bona fide caretaker residences are not permitted in the areas that are specifically designated for commercial purposes. The commercial designation is intended for use where residential development would increase densities in areas such as the Coastal High Hazard Areas of the County or areas such as Lehigh Acres where residential uses are abundant and existing commercial areas serving the residential needs are extremely limited.
>
> Objective 2.8: Development in coastal areas is subject to the requirements found in the Conservation and Coastal element of the comprehensive plan.
>
> Policy 4.2.4: Designate areas on the Future Land Use Map for mixed use, traditional neighborhood, and transit oriented development patterns. The mixed use overlay may include areas within the Coastal High Hazard Area (CHHA) when unique public benefits exist. Such benefits may include providing workforce housing options for employees of businesses located on barrier islands when transit is provided between the workforce housing and the employment area.
>
> Policy 5.2.6: For sites located within the Coastal High Hazard Area, proposed redevelopment must:
>
> - Have sufficient elevation to address a storm surge from a land falling category 5 hurricane;
> - Be constructed to withstand winds of 200 mph; Utilize impact protection for all exterior openings in accordance with the Florida Building Code;
> - Be equipped with emergency power and potable water supplies to last up to five days; adequate ventilation, sanitary facilities, and first aid medical equipment; and,
> - Be designed to minimize light pollution, sky glow and light trespass beyond the property lines by using appropriate light fixtures and other light management techniques to reduce the impact on wildlife such as sea turtles and migrating birds.
>
> Policy 22.4.1: Lee County will support and encourage beach renourishment and other efforts to maintain the beaches and protect Gasparilla Island from tidal events.

Policy 22.4.5: Except for emergency events and public purposes, Lee County will ban vehicular traffic from all beaches on Gasparilla Island and will provide enforcement of the ban.

Policy 22.4.4: The Beach renourishment efforts of Lee County will include the reestablishment of a beach dune system, beach dune vegetation, and beach dune wildlife communities, including nesting birds and turtles, to the greatest extent practicable. Lee County will monitor and enforce its policies and regulations protecting dunes, dune vegetation, and dune wildlife communities on Gasparilla Island. Any rock or hard revetment will be covered with sand and planted with salt resistant native plants.

The **City of Bonita Springs** Comprehensive Plan (Bonita Springs, 2009) includes a Future Land Use Element, which has the goal of developing a balanced land use pattern that promotes a high quality of life and allows for a variety of land uses, densities, and intensities and the preservation and stabilization of existing neighborhoods; encourages mixed use development; promotes an efficient transportation system; preserves the natural environment and economic vitality of the community; and is consistent with the availability of essential services. The plan includes a Future Land Use Map (Appendix I). The policies related to future growth and development within the coastal zone of Bonita Springs are:

Policy 1.1.10: The City shall limit the residential density in areas located within the CHHA. Density may not be increased beyond that already approved prior to the adoption of the Comprehensive Plan.

Policy 1.7.6: The City shall protect its environmentally critical areas by requiring the use of Planned Development in locations exhibiting characteristics of environmentally critical areas including coastal scrub and pine flat woods identified on the Vegetation and Habitats Map contained in the Conservation/Coastal Management Element.

Policy 1.8: Ensure that population densities in the Coastal High Hazard Area are not increased beyond that allowed prior to the adoption of the Comprehensive Plan.

The **City of Cape Coral** Comprehensive Plan (Cape Coral, 2012) includes a Future Land Use Element, which has the goal of protecting the public investment, encouraging development in the areas that are best served by infrastructure and services, and promoting new land uses that create the least possible disruption to existing land uses. The goal is achieved through objectives and policies that are outlined in the element, which also presents a Future Land Use Map (Appendix I). The policies related to future growth and development are:

Policy 1.10: The City of Cape Coral shall ensure that no net increase in density or increase in hurricane evacuation clearance time will occur within the CHHA.

Policy 1.15: The City shall make sure that the maximum densities allowable by the classifications specified in the land use element do not conflict with the policy specified in the coastal management element regulating density development within the CHHA. Also, the City shall not allow the Flexible Development Overlay District within the CHHA.

Policy 1.22: The City of Cape Coral will coordinate with other local agencies to ensure that public buildings such as schools are not placed within the CHHA. The City shall also reduce the densities in CHHA to reduce potential hazards to life and property within those areas.

Policy 1.1.7: New City of Cape Coral potable water, wastewater, and public irrigation water facilities, except for water distribution or wastewater collection facilities, shall not be located within the CHHA.

The **City of Fort Myers** Comprehensive Plan (Fort Myers, 2010) has a section on Future Land Use, with a goal to ensure that the distribution, allocation, and intensity of all land uses within, and adjacent to, the City remain or become acceptable to the present and future community of Fort Myers. An action, a policy, and standards related to future land use are:

Action 1.7.4: In the CHHA, the City shall not issue permits for development that will exceed the total of 2,352 residential units permitted under the Comprehensive Plan as of January 24, 2006, as shown on the land use map.

Policy 1.19: The City shall limit the residential density increases on properties located within the CHHA, outside of the Downtown District to the maximum densities in effect as of October 1, 2010, to maintain existing hurricane evacuation times.

Standard 3.4.1.3: The City shall implement additional measures to reduce repetitive storm damage on private properties, including but not limited to, requiring the placement of hurricane shutters or equivalent protection on existing buildings located within the CHHA.

Standard 3.4.3.4: The City shall require each developer within the Coastal High Hazard Area to provide a detailed emergency evacuation plan to the Lee County Division of Emergency Management consistent with the provisions of the appropriate Lee County Administrative Codes.

Standard 3.4.6.1: The City shall eliminate tax increment incentives for development within the CHHA. The city also require developers within the CHHA to contribute to a hurricane shelter fund, base dup on the formula used by Lee County Digital Elevation Model for retrofit costs for shelters.

The **Town of Fort Myers Beach** Comprehensive Plan has a Future Land Use element, which provides major revisions to the policies that were part of Lee County land use to set the stage for a new development code to implement them. The town has a goal of keeping Fort Myers Beach a healthy and vibrant "small town," while capitalizing on the vitality and amenities available in a beach-resort environment and minimizing the damage that a hurricane could inflict. The entire town is located in a CHHA, and the goal is to reduce the potential for further overbuilding through a new Future Land Use Map that protects natural resources. The plan adopts a new "Future Land Use Map" for the Town. It replaces the map in the current Comprehensive Plan, which was adopted by Lee County in 1991 (Fort Myers Beach, 2009).

The **City of Sanibel** Comprehensive Plan (Sanibel, 2007) has a Future Land Use section, which is to promote safety; maintain evacuation capabilities; protect natural, environmental, economic

and scenic resources; maintain enhancement of water quality, both in the island's Freshwater Management Area and in the Island's off-shore coastal waters; provide adequate human support systems and inter-governmental coordination; and reflect the City's Capital Improvements program.

The **Hendry County** Comprehensive Plan (Hendry County, 2012) has a Future Land Use element, the purpose of which is to designate future land use patterns in Hendry County by providing land use classifications for all lands in the County and presenting them on the Future Land Use Map (Appendix I). The goals, objectives, and policies of this element establish the meaning and definitions of the land use categories on the Future Land Use Map and present the criteria for development within each category.

The **City of LaBelle** Comprehensive Plan (LaBelle, 2011) has a Future Land Use Element that defines goals for providing vibrant urban corridors, active public spaces, and enhanced neighborhood character and presents a Future Land Use Map (Appendix I). The element provides a means of achieving a more sustainable environment through compact development patterns, contemporary building, and landscaping practices.

xvi. Levees

The Midterm Levee Inventory (MLI), which is maintained by FEMA, is a database of levees that was designed to provide at least the minimum level of protection from the base flood (1-percent-annual-chance) (FEMA, 2013h). The USACE National Levee Database (NLD) is a database of levees that includes the majority of levees in the USACE Levee Program (USACE, 2013b). No levees were reported in Lee County in the MLI or in the USACE NLD. The MLI and USACE NLD identify several dams in Hendry County, but they are all outside the expected storm surge inundation area. At the Discovery Meeting, we shared that we had found no levees in the coastally affected portions of Lee or Hendry Counties. No communities indicated that they had any levees in the project area.

xvii. Letters of Map Change

Lee County has had 2,523 Letters of Map Changes (LOMCs), and Hendry County has had 13 (Table 21; FEMA, 2013e). LOMCs include completed cases of Letters of Map Amendment (LOMAs), Conditional LOMAs, electronic LOMAs, Letters of Map Revision (LOMRs), LOMRs based on fill (LOMR-Fs), LOMRs based on floodway (LOMR-FWs), and Revalidations (REVALIDs). A complete list of LOMCs is provided in Appendix J.

Table 21: Letters of Map Change Identified in Lee and Hendry Counties

Community	Number of LOMCs
Lee County	
Lee County (Unincorporated Areas)	1,259
Bonita Springs, City of	71
Cape Coral, City of	837
Fort Myers, City of	354

Table 21: Letters of Map Change Identified in Lee and Hendry Counties

Community	Number of LOMCs
Fort Myers Beach, Town of	0
Sanibel, City of	1
Hendry County	
Hendry County (Unincorporated Areas)	12
LaBelle, City of	8

LOMC = Letter of Map Chang

xviii. Mitigation Plans and Status

In the State of Florida, communities refer to their hazard mitigation plans as a LMS. An LMS is defined by Lee County as a "plan to promote mitigation from hazards posing a threat to communities within Lee County." The purpose of an LMS as defined in Hendry County's LMS is to reduce the human, environmental, and economic costs of disasters through hazard mitigation. The status of current LMSs for the communities in Lee and Hendry Counties is shown in Table 22. The data were obtained from FEMA's Plan Approval Status Report based on Regional reports for May 2011 (FEMA, 2011b).

Table 22: Status of Local Mitigation Strategies in Lee and Hendry Counties

Participating Jurisdiction	Local Mitigation Strategy Status
Lee County	
Lee County (Unincorporated Areas)	Original January 2000 Second Update 2007 Updated 2010
Bonita Springs, City of	Original 12/19/2007
Cape Coral, City of	Original 12/19/2007
Fort Myers, City of	Original 02/13/2008
Fort Myers Beach, Town of	Original 05/22/2008
Lee County Master Mitigation Plan	May 2007
Sanibel, City of	Original 04/16/2008
Hendry County	
Hendry County (Unincorporated Areas)	Original 05/18/2005 Updated 2010
LaBelle, City of	Original 05/18/2005 Updated 2010

Lee County's LMS (Lee County, 2010) was developed on the basis of Southwest Florida's continuing threat from certain large-scale hazards and the need to lessen the human, economic and environmental costs of disasters resulting from these hazards. The LMS will also be used as a tool to establish funding priorities for disaster assistance for hazard mitigation activities that is available following a major disaster. The Lee County LMS is a planning document, and the

strategy is tied directly to the policies in the Lee County Comprehensive Emergency Management Plan.

In the Lee County LMS, the goals and objectives are listed and analyzed in the Goals and Objectives section. The list of mitigation programs and projects is in the Hazard Mitigation Initiatives appendix is intended to help local governments access available funding, both post-disaster and on an ongoing basis.

The LMS also compares each community in Lee County with the relative risk of various hazards through the loss costs using a vulnerability assessment. The Critical Facilities section further details the facilities and infrastructure that are essential to emergency operations and recovery.

Hendry County's LMS (Hendry County, 2010) is a planning document and should be used to direct and prioritize long-term mitigation planning in conjunction with local government Comprehensive Plans. The Hendry County LMS identifies the steps to take to reduce the impacts of the identified natural hazards, the timing of the steps, potential funding sources, the priority of these actions for the community, and the entities responsible for implementing each mitigation task.

The LMS presents a risk analysis in order to help the citizens of Hendry County prepare for the risks. This analysis includes hazard identification, profiling hazard events, asset inventory, and estimation of potential losses.

The LMS also compares each community in Hendry County with the relative probability of various hazards using a vulnerability assessment.

xix. Mitigation Projects

Hazard mitigation refers to any actions taken by local governments, other government entities, or private interests to permanently reduce or eliminate long-term risks to people and their property from the effects of natural disasters (Lee County, 2010).

The development of a hazard mitigation initiative includes highlighting the most significant vulnerabilities and prioritizing subsequent efforts to formulate and characterize hazard mitigation initiatives to eliminate or minimize vulnerabilities (Lee County, 2010).

A variety of hazard mitigation projects have been submitted to FEMA's Hazard Mitigation Grant Program. A list of the Hazard Mitigation Grant Program projects in Lee and Hendry Counties that have been closed, approved, withdrawn, or denied is included in Appendix K. A list of Public Assistance-funded projects for Lee and Hendry Counties is provided in Appendix L.

The coastal mitigation projects and initiatives listed for each community in Section VII of the Lee County LMS (Lee County, 2010), are provided in Appendix M. Repetitive loss properties are also listed in the list. Lee County has established an Approved Action Plan, which identifies ongoing programs that address goals and objectives in the LMS. The Approved Action Plan includes programs and projects to support preventative mitigation activities and is included as

Table VII-2 of the Lee County LMS (Lee County, 2010). The Approved Action Plan also tracks the initiatives that have received funding. The Approved Action Plan was amended in 2013 in the supplemental document "*Lee County Floodplain Management Plan Status Report – 2013*" (Lee County, 2013c), and the amended list is provided in Appendix N of this report.

Example projects include drainage improvements, hardening and elevating of fire stations, beach restoration, retrofitting public buildings, and other mitigation-related activities.

The mitigation projects have been identified based on the vulnerability assessment and risk analysis presented in the Lee County LMS. The submitted mitigation strategy projects and their ranking in the Lee County LMS were approved by the representatives of the LMS working group.

Appendix M also contains "Hendry County Mitigation Initiatives 2009" (Hendry County, 2012), which is based on ideas from the representatives of the LMS working group and the vulnerability analysis completed for each structure in Hendry County.

The projects listed in Appendix M and Appendix N were justified based on the community's vulnerability and risk assessment and are supported by goals and objectives and priority methodology identified in the county mitigation strategy.

In the Discovery data questionnaires, the communities were asked to identify any additional ongoing, planned, or completed flood mitigation projects aside from the projects included in the LMS or funded through FEMA. None were identified. The completed questionnaires received from the communities are in Appendix E.

xx. Ordinances

The **Lee County** Land Development Code (Lee County, 2013a) includes the Coastal Construction Article and the Flood Hazard Reduction Article. The Coastal Construction Article provides standards for construction in the coastal building zone for the following items: structural requirements for major structures, non-habitable major structures, and minor structures; location of construction; and public access.

The Flood Hazard Reduction Article includes the following development provisions: general standards for all SFHAs, and specific standards for SFHAs where BFEs have been provided for residential construction, nonresidential construction, elevated buildings, floodways, accessory structures, CHHAs, and critical facilities. The Article also includes standards for streams without established BFEs or floodways, subdivision proposals, areas of shallow flooding, and Zones B, C, and X. The Article also includes administrative provisions for the duties of the County Flood Insurance Coordinator, development permit procedures, and procedures for appeals and variances.

The **City of Bonita Springs** Code of Ordinances (Bonita Springs, 2013) includes the Flood Damage Prevention Ordinance, which includes the following development provisions for flood hazard reduction: general provisions for all SFHAs and specific standards for all SFHAs where

BFEs have been provided, CHHAs, subdivision proposals, streams without established BFEs and/or floodways, and shallow flooding. The Ordinance also includes administrative provisions for the duties of the City Manager as the floodplain administrator, permit procedures, and procedures for variance.

The **City of Cape Coral** Land Development Code (Cape Coral, 2013) includes the Floodplain Management Article. The Article includes general development provisions for flood hazard reduction for all SFHAs, and specific standards for all SFHAs without BFEs (Zone A). The Article also includes administrative provisions for the duties of the Floodplain Administrator and variance procedures.

The **City of Fort Myers** Land Development Code (Fort Myers, 2013) includes the following development provisions for flood hazard reduction: general standards for all SFHAs and specific standards for SFHAs where BFEs have been provided, CHHAs, and streams without established BFEs and/or floodways. The Code also includes provisions for residential construction, nonresidential construction, elevated buildings, floodways, subdivision proposals, historic structures, owner-builder construction, substantial improvement and damaged structures, and critical facilities. The Code also includes administrative provisions for the duties of the community Floodplain Manager, development permit procedures, and variance procedures.

The **Town of Fort Myers Beach** Land Development Code (Fort Myers Beach, 2008) includes the Coastal Construction Code Article and the Floodplain Regulations Article. The Coastal Construction Code Article includes special requirements for construction of major and minor structures near beaches to be designed to produce the minimum adverse impact on the beach and dune system. The Article also provides standards for the location of construction near beaches, which include building landward of the 1978 CCCL and the construction of State-approved dune walkover structures at appropriate crossing points.

The Floodplain Regulations Article includes the following development provisions for flood hazard reduction: specific standards for conventional residential construction, manufactured homes, recreational vehicles, nonresidential construction, space below elevated buildings in Zone A, accessory structures, CHHAs, and subdivision proposals. New or expanded parks or subdivisions for manufactured homes are not allowed in the Town. The Article also includes administrative provisions for the duties of the Flood Insurance Coordinator (designated by the Town Manager), development permit procedures, and procedures for appeals and variances.

The **City of Sanibel** is entirely in an SFHA, and all development is subject to the provisions of the Land Development Code (Sanibel, 2013). The Flood Hazard Reduction Article of the Land Development Code includes the following development provisions for flood hazard reduction: general and specific standards for all construction and substantial improvements and standards for CHHAs, including any area within 500 feet of San Carlos Bay, Pine Island Sound, Blind Pass, or the Gulf of Mexico. The Article also prohibits the placement of manufactured homes and recreational vehicles in the CHHA and areas within 500 feet of San Carlos Bay, Pine Island Sound, Blind Pass, or the Gulf of Mexico.

The Land Development Code also includes the Environmental Performance Standards Article, which includes standards for the preservation and enhancement of resources. The Article includes provisions for the Gulf Beach, Gulf Beach Ridge, and Blind Pass area zones; upland wetland and lowland wetland zones; mid-island ridge zone; mangrove forest zone; Bay Beach zone; and altered land zone.

The City of Sanibel Code of Ordinances also includes the Hurricane-Resistant Coastal Construction Code Article. The purpose of the provisions contained in this Article is to provide minimum standards for the cost-effective, hurricane-resistant construction of buildings. The Article includes the following provisions for design standards: wind load, hydrostatic loads, resistance to hydrostatic pressures, battering loads, wave and scour action, stability, anchorage and foundations, additional construction considerations, small structures, additions to existing structures, and minor structures. The Article also provides the following provisions for construction standards: in Zone V; within 500 feet of San Carlos Bay, Pine Island Sound, Blind Pass, or the Gulf of Mexico; in all other areas of the City; masonry construction; and wood frame construction.

The **Hendry County** Code of Ordinances (Hendry County, 2013) includes the Flood Damage Prevention and Control Article. The Article includes development standards for the following: all SFHAs, Zone A areas where BFEs have been provided, streams with established BFEs, regulatory floodways, subdivision proposals, areas of shallow flooding, and Zone A areas without BFEs and regulatory floodways. The Article also includes administrative provisions for the duties of the Development Director as the Floodplain Administrator, permit procedures, and variance procedures.

The **City of LaBelle** Code of Ordinances (LaBelle, 2013) includes the Flood Damage Prevention chapter, which includes standards for flood-resistant development of buildings and structures, subdivisions, site improvements and utilities, manufactures homes, recreational vehicles and park trailers, and underground and above-ground tanks. The chapter also includes general standards for other development. The chapter also includes administrative provisions for the duties of the Building Official as the Floodplain Administrator, permit procedures, site plans and construction documents, inspections, and procedures for variance and appeals.

xxi. Regulatory Mapping

Table 23 summarizes the current Effective maps for Lee and Hendry Counties. For Lee County, the Effective FIS and FIRMs for the countywide study are dated August 28, 2008. For Hendry County, the Effective FIS and FIRMs for the unincorporated areas are dated May 17, 1982, and the Effective FIS and FIRMs for the City of LaBelle are dated March 18, 1987. The Preliminary countywide FIS and FIRMs for Hendry County were issued on May 31, 2013.

Table 23: Effective Flood Insurance Rate Maps and Flood Insurance Study Reports for Lee and Hendry Counties

Community Name	Product Types	FIRM Effective Date	FIRM Revisions Date
Lee County and Incorporated Areas	FIS and FIRM	August 28, 2008	N/A
Hendry County, Unincorporated Areas	FIS and FIRM	May 17, 1982	N/A
City of LaBelle	FIS and FIRM	January 20, 1982	March 18, 1987
Hendry County and Incorporated Areas	Preliminary FIS and FIRM	Preliminary Issue Date of May 31, 2013	N/A

FIS = Flood Insurance Study
FIRM = Flood Insurance Rate Map

xxii. Socioeconomic Analysis

The 2010 populations of the Lee and Hendry County communities are presented in Table 24.

Table 24: 2010 Census Data for Lee and Hendry County Communities

County	Community	CID	2010 Population	Population Change from 2000 Census
Lee	Lee County (Unincorporated Areas)	125124	618,754	40.34%
	Bonita Springs, City of	120680	43,857	33.72%
	Cape Coral, City of	125095	154,305	50.86%
	Fort Myers, City of	125106	62,298	29.23%
	Fort Myers Beach, Town of	120673	6,277	–4.33%
	Sanibel, City of	120402	6,469	6.68%
Hendry	Hendry County (Unincorporated Areas)	120107	39,140	8.09%
	LaBelle, City of	120109	4,640	10.21%

Source: (U.S. Census Bureau, 2010)
CID = Community Identification Number

Lee County consists of 804 square miles of land and 408 square miles of coastal and inland waters. In 1950, the population of the County was 23,401, and by 1970, it had grown to 105,216. By 1980, the population had reached 205,266, and in the year 2000, there were 440,888 residents (Lee County, 2007). By the year 2010, the population had grown to more than 890,000. The City of Fort Myers is the county seat. The City of Cape Coral is the largest incorporated city in the county with a population of 154,305 (U.S. Census Bureau, 2010).

The primary industry sectors in Lee County are transportation, government, hospitality, business service, and education and health service (Fort Myers Regional Partnership, 2013).

The **City of Bonita Springs** had a population 43,857 in 2010 (U.S. Census Bureau, 2010). The population density in 2000 was 929.4 inhabitants per square mile. There were 31,716 housing units with an average density of 661.1 per square mile.

Although primarily a retirement and second home vacation community, Bonita Springs is home to a growing number of businesses because of its low business taxes, an abundance of inexpensive commercial office space, and a growing community of educated professionals (Bonita Springs, 2009).

The **City of Cape Coral** was founded in 1957 and developed as a master-planned, pre-platted community. The city grew to a population of 154,305 by the year 2010. With an area of 120 square miles, Cape Coral is the largest city between Tampa and Miami. It is a principal city in the Cape Coral – Fort Myers, Florida Metropolitan Statistical Area. The population estimate for the statistical area was 645,899 for 2009. The City is known as a "Waterfront Wonderland," since with more than 400 miles of navigable waterways, Cape Coral has more miles of canals than any other city in the world (Cape Coral, 2012).

The economy in Cape Coral is based on local government services, health care, retail, and real estate/construction. The City's Economic Development Office promotes and incentivizes business relocation to Cape Coral. In 2009, the City's top five employers were the Lee County School District, Cape Coral City Hall, Publix Supermarkets, Cape Coral Hospital and Walmart (Cape Coral, 2012).

The **City of Fort Myers** is the county seat and commercial center of Lee County. The population was 62,298 in the 2010 census, a 29.23 percent increase over the population in 2000. The City is one of two the major cities in the Cape Coral-Fort Myers Metropolitan Statistical Area (Fort Myers, 2010).

Established in 1886, Fort Myers is the historical and governmental hub of Lee County. It is the gateway to the Southwest Florida region, which is a major tourist destination in Florida. The winter homes of Thomas Edison (Seminole Lodge) and Henry Ford (The Mangoes), which are both primary tourist attractions in the region, are located on McGregor Boulevard in Fort Myers (Fort Myers, 2010).

The **Town of Fort Myers Beach** is located on Estero Island in Lee County. The population was 6,277 at the 2010 census. It is part of the Cape Coral–Fort Myers Metropolitan Statistical Area. It was officially incorporated on December 31, 1995.

The **City of Sanibel** is on Sanibel Island. The population was 6,064 at the 2000 census, with an estimated 2010 population of 6,469. It is part of the Cape Coral–Fort Myers Metropolitan Statistical Area. Sanibel is a barrier island—a collection of sand on the leeward side of the more solid coral-rock of Pine Island.

The City occupies the entire island, with most of the city proper at the east end of the island. After the Sanibel causeway was built to replace the ferry in May 1963, the residents asserted control over development by incorporating as a city in 1974 and establishing the Sanibel Comprehensive Land Use Plan in 1976, helping to maintain a balance between development and preservation of the island's ecology. A new, higher bridge, permitting passage without a bascule (drawbridge) of tall boats and sailboats was completed in late 2007.

Thanks to easy causeway access, Sanibel is a popular tourist destination known for its shell beaches and wildlife refuges. More than half of the island is made up of wildlife refuges, the largest being J.N. "Ding" Darling National Wildlife Refuge. The island also hosts the Sanibel Historical Village and a variety of other museums and theaters.

Hendry County was founded in 1923. As of 2010, the population was 39,140 (U.S. Census, 2010). The county comprises the Clewiston, Florida Metropolitan Statistical Area. According to the 2000 census, the county had a total area of 1,189.79 square miles, of which 1,152.53 square miles (or 96.87 percent) is land and 37.26 square miles (or 3.13 percent) is water.

The major industries in Hendry County are agriculture, forestry, fishing, hunting, mining, educational services, healthcare, social assistance, arts, entertainment, recreation, accommodation, food services, and retail trade.

The **City of LaBelle** is the county seat of Hendry County. The population was 4,640 at the 2010 census. It is the only urban area of any size in western Hendry County and southern Glades County. As such, LaBelle provides the commercial base for an area that reaches beyond the corporate limits of the City into surrounding Hendry and Glades Counties.

Southwest Florida has become Florida's fastest growing citrus production area. From September through June, millions of boxes of oranges, grapefruit, and specialty citrus are trucked to and through LaBelle (LaBelle, 2011).

xxiii. Other Support Requested

No other areas of support were requested as determined through stakeholder interaction at the Discovery Meeting and information collected from the Discovery data questionnaires.

IV. Project Status

Project Funding

There are no changes in funding.

Proposed Resolution to Outstanding Issues Identified in the Mapping Activity Statement

All areas in Lee and Hendry Counties expected to be in the storm surge inundation area will be restudied using new data and modern analysis tools that were previously unavailable. No outstanding issues were identified at this stage.

Unmet Needs

Unmet needs are areas identified for study during the Discovery process but not selected because of funding limitations. No unmet needs are anticipated immediately following the completion of the work proposed in this task order, which covers the entire coastal restudy area.

V. Discovery Meeting

The Discovery Meeting for Lee and Hendry Counties was held on March 5, 2014. The purpose of the meeting was to facilitate discussion about study needs, mitigation project needs, desired compliance support, and local flood risk outreach and awareness. The Discovery Maps were displayed at the meeting to stimulate the discussion. Attendees, including representatives from the affected communities and other stakeholders, were asked to cooperatively identify Areas of Concern in the study area. No Areas of Concern were identified during the Discovery Meeting.

The PowerPoint presentation and sign-in sheet from the meeting are provided in Appendix B. The meeting minutes are also included in Appendix B. Questions that community representatives asked during the Discovery Meeting are included in the meeting minutes along with the corresponding responses from FEMA and RAMPP.

Questionnaires were received from the City of Cape Coral, the City of LaBelle, City of Sanibel, Lee County, and the Town of Fort Myers Beach (Appendix E).

Signed charters were provided by the City of Bonita Springs and the Town of Fort Myers Beach. The charters are in Appendix O. RAMPP attempted to contact each community to request the return of the questionnaires and project charters. The communication logs for the contacts are in Appendix G. The Mapping Information Platform Baseline Form in Appendix P shows the initial schedules for the Lee and Hendry County Coastal Flood Study.

VI. References

Bonita Springs. 2009. "City of Bonita Spring's Comprehensive Plan." Accessed November 2013. http://www.cityofbonitasprings.org/wp-content/uploads/2011/03/Adopted-Comprehensive-Plan-4-15-09clean.pdf.

Bonita Springs. 2013. "Code of Ordinances." Accessed December 2013. http://www.cityofbonitasprings.org/category/city-documents-ordinances/.

Cape Coral. 2012. "Comprehensive Plan – Goals, Objectives, and Policies." Accessed November 2013. http://www.capecoral.net/department/community_development/comprehensive_planning/index.php.

Cape Coral. 2013. "Cape Coral, Florida, Code of Ordinances." Accessed December 2013. http://www.amlegal.com/nxt/gateway.dll/Florida/capecoral_ludr/landuseanddevelopmentregulations/articlevifloodplainmanagement?f=templates$fn=default.htm$3.0$vid=amlegal:capecoral_fl$anc=JD_ArticleVI

Federal Emergency Management Agency (FEMA). 2004. "Hurricane Charley Rapid Response, Florida Coastal High Water Mark (CHWM) Collection, Task Order 326, Final Report."

FEMA. 2008. "Flood Insurance Study" for Lee County, Florida and Incorporated Areas, dated August 28, 2008.

FEMA. 2011a. "Hazus Flood Average Annualized Loss Usability Analysis, April 13, 2011." National Discovery Data Repository.

FEMA. 2011b. "Transmittal of Updated Plan Approval Status Report." Transmittal memo to Diana Coho and Patrick Marchman, FEMA HQ, from Laura Larson, Risk MAP PM. June 24, 2011.

FEMA. 2012. Guidelines and Specifications for Flood Hazard Mapping Partners. Accessed January 2014. http://www.fema.gov/media-library/assets/documents/13948. FEMA. 2013a. Community Information System. "Summary of Community Assistance Visit Findings." Accessed December, 2013. https://portal.fema.gov/famsVuWeb/home.

FEMA. 2013b. "Community Rating System Communities and Their Classes." May 2013. Accessed November 2013. http://www.fema.gov/library/viewRecord.do?id=3629.

FEMA. 2013c. "Federal Disaster Declarations." Accessed October 2013. https://explore.data.gov/Other/FEMA-Disaster-Declarations-Summary/uihf-be6u.

FEMA. 2013d. "FEMA Hazard Mitigation Program Summary." Accessed November 2013. https://explore.data.gov/Other/FEMA-Hazard-Mitigation-Program-Summary/wsf8-txi9.

FEMA. 2013e. "Letters of Map Change Project Listing." FEMA Map Service Center. Accessed December 2013. https://msc.fema.gov/.

FEMA. 2013f. "FEMA Public Assistant Funded Projects Summary." Accessed December 2013. https://explore.data.gov/Other/FEMA-Public-Assistance-Funded-Projects-Summary/btjd-2xvr.

FEMA. 2013g. "Flood Insurance Study" and FIRM Database for Hendry County, Florida. Preliminary issue date May 31, 2013.

FEMA. 2013h. "Mid-term Levee Inventory (MLI)." For information on accessing the MLI, contact your FEMA Regional Office (http://www.fema.gov/rm-main/regional-contact-information).

FEMA. 2014a. "Lee and Hendry Counties Repetitive Loss and Severe Repetitive Loss Properties" Provided by FEMA to RAMPP on October 1, 2014. Data is as of August 31, 2014.

FEMA. 2014b. "NFIP Insurance Report" from the Community Information System. Accessed October 2014. https://portal.fema.gov/famsVuWeb/home.

FEMA. 2014c. "Repetitive Losses/BCX Claims" from the Community Information System. Accessed October 2014. https://portal.fema.gov/famsVuWeb/home.

Florida Department of Environmental Protection (FDEP). 1999. "One-Hundred-Year Storm Elevation Requirements for Habitable Structures Located Seaward of a Coastal Construction Control Line." Accessed December 2013. http://www.dep.state.fl.us/beaches/publications/pdf/100ystrm.pdf.

FDEP. 2002. "Critical Beach Erosion Areas in Florida." Accessed January 2014. http://edocs.dlis.state.fl.us/fldocs/dep/beaches/errptall.pdf.

FDEP. 2008. "Strategic Beach Management Plan for the Southwest Gulf Coast Region." Accessed December 2013. http://www.dep.state.fl.us/beaches/publications/pdf/SBMP/Southwest%20Gulf%20Coast%20Region.pdf.

FDEP. 2012. "Critically Eroded Beaches in Florida." Accessed November 2013. http://www.dep.state.fl.us/beaches/publications/pdf/critical-erosion-report-2012.pdf.

FDEP. 2013. Coastal Construction Control Line Data. Accessed December 2013. http://www.dep.state.fl.us/beaches/programs/ccclprog.htm.

Florida Geographic Data Library (FGDL). 2011. "Florida County Boundaries – Statewide July 2011." Accessed December 2013. http://www.fgdl.org/metadataexplorer/explorer.jsp.

FGDL. 2013. "Florida Department of Transportation GIS Roads." Accessed March 2014. http://www.fgdl.org/metadataexplorer/explorer.jsp.

Florida Water Science Center. 2013. "USGS South Florida Coastal Stations." Accessed August 2014. http://fl.water.usgs.gov/Miami/hurricane/index.html.

Fort Myers. 2010. "City of Fort Myers Comprehensive Plan." Accessed November 2013. http://www.cityftmyers.com/Community-Development/Documents.aspx?EntryId=1467.

Fort Myers. 2013. "Code of Ordinances." Accessed November 2013. http://library.municode.com/index.aspx?clientId=13900.

Fort Myers Beach. 2008. "Land Development Code." http://www.fortmyersbeachfl.gov/DocumentCenter/Home/View/320. Accessed November 2013.

Fort Myers Beach. 2009. "Town of Fort Myers Beach Comprehensive Plan." Accessed November 2013. http://www.fortmyersbeachfl.gov/index.aspx?NID=180.

Fort Myers Regional Partnership. 2013. "Lee County Florida Profile." Accessed December 2013. http://www.leecountybusiness.com/images/CountyProfile.pdf.

Hendry County. 2010. "Local Mitigation Strategy, Hendry County." Available upon request from Hendry County.

Hendry County. 2012. "Hendry County Comprehensive Plan." Accessed November 2013. http://www.hendryfla.net/hendrycountynew/uploads/2013_Comp_Plan_Complete.pdf.

Hendry County. 2013. "Code of Ordinances of Hendry County, Florida." Accessed December 2013. http://library.municode.com/index.aspx?clientId=10908.

LaBelle, City of. 2011. "City of LaBelle Comprehensive Plan." Accessed November 2013. http://www.citylabelle.com/comprehensive-plan.

LaBelle, City of. 2013. "Code of Ordinances." Accessed December 2013. http://library.municode.com/index.aspx?clientId=10039.

Lee County, 2007. "Lee County Master Mitigation Plan," dated May 16, 2007. Accessed November 2013. http://www.swfrpc.org/content/Resources/LMMP.pdf.

Lee County. 2010. "Joint Unified Local Mitigation Strategy for Lee County, Florida." Accessed November 2013. http://www.safelee.org/mitigation/Pages/default.aspx.

Lee County. 2013a. "Land Development Code." Accessed November 2013. http://library.municode.com/index.aspx?clientID=12625&stateID=9&statename=Florida.

Lee County. 2013b. "The Lee Plan." Accessed November 2013. http://www.leegov.com/gov/dept/dcd/Planning/Pages/LeePlan.aspx.

Lee County. 2013c. "Lee County Floodplain Management Plan Status Report – 2013." Available from the Lee County Division of Public Safety's Administrative Office.

Lee County. 2014. Major Roads in Lee County GIS data. Accessed March 2014. http://leegis.leegov.com/FTPData/ShapeFiles/DOT/MajorRoads.zip.

Multi-Resolution Land Characteristics Consortium. 2011. "National Land Cover Database 2011 (NLCD 2011)". Accessed August 2014. http://www.mrlc.gov/nlcd2011.php.

National Atlas. 2005. Data Download. "Federal Lands." Accessed November 2013. http://nationalatlas.gov/atlasftp.html.

National Atlas. 2006. Data Download. "Hydrologic Units (Watersheds)." Accessed December 2013. http://nationalatlas.gov/atlasftp.html.

National Atlas. 2010. Data Download. "Public Land Survey System." Accessed November 2013. http://nationalatlas.gov/atlasftp.html.

National Oceanic and Atmospheric Administration (NOAA). 2013a. "Storm Events Database." Accessed December 2013. http://www.ncdc.noaa.gov/stormevents/.

NOAA. 2013b. "National Data Buoy Center." Accessed November 2013. http://www.ndbc.noaa.gov.

NOAA. 2013c. "Tides and Currents." Accessed November 2013. http://tidesandcurrents.noaa.gov/.

Sanibel. 2007. "The Sanibel Plan." Accessed November 2013. http://www.mysanibel.com/Departments/Planning-and-Code-Enforcement/The-Sanibel-Plan-Volumes-1-and-2.

Sanibel. 2013. "Sanibel Code." Accessed December 2013. http://library.municode.com/index.aspx?clientId=10937.

Southwest Florida Water Management District (SWFWMD). 2007. Topographic Data. Accessed December 2013. http://www.swfwmd.state.fl.us/data/gis/layer_library/category/physical_dense.

U.S. Army Corps of Engineers (USACE). 2013a. "National Inventory of Dams." Accessed November 2013. http://nid.usace.army.mil.

USACE. 2013b. National Levee Database. Accessed December 2013. http://nld.usace.army.mil/.

U.S. Census Bureau. 1996. "Population of States and Counties of the United States: 1790 to 1990." Accessed December 2013. http://www.census.gov/population/www/censusdata/hiscendata.html.

U.S. Census Bureau. 2010. "Demographic Profile." Accessed December 2013. http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml.

U.S. Census Bureau. 2012. Census Blocks Data. Accessed November 2013. https://www.census.gov/geo/maps-data/data/tiger.html.

U.S. Fish and Wildlife Service (USFWS). 2013. "Coastal Barrier Resources Act, Coastal Barrier Resources System Boundaries." Accessed November 2013. http://www.fws.gov/CBRA/Maps/Data_Disclaimer_Shapefiles.html.

U.S. Geological Survey (USGS). 2013. "Daily Data for Florida: Stage and Streamflow." Accessed November 2013. http://waterdata.usgs.gov/fl/nwis/current/?type=dailystagedischarge&group_key=county_cd.

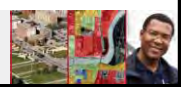
Appendix A
Discovery Kickoff Meeting Presentation and Meeting Minutes

FEMA

Southwest Florida Discovery Kick-Off Meeting

February 4, 2014

RiskMAP
Increasing Resilience Together



Agenda

- Introductions
- Outline Risk MAP products and datasets
- Project scoping and schedule
- Data gathered
- Next steps
- Gather stakeholder input/feedback

Introductions

- Risk MAP Project Team
  - FEMA Region IV – Risk Analysis
    - Mark Vieira
    - Henrietta Williams
    - Other
  - FEMA (Hazard Mitigation Assistance, Floodplain Management and Insurance, External Affairs)
  - State of Florida
  - Regional Organizations
  - RAMPP staff (supporting contractor)

Who's Here?

- Officials from Local Communities
  - CEOs/Elected officials
  - Floodplain Administrators
  - Emergency Planners
  - Township Engineers
- Others

Purpose of This Meeting

- To promote community engagement and gather your feedback
- To provide an overview of FEMA Risk Mapping, Assessment, and Planning (MAP) Program
- To provide the project scope and schedule
- To discuss an overview of Discovery process
- To collect any additional flood data you may have:
  - Areas of recent or proposed development
  - Areas of historic flooding

Risk MAP

Through collaboration with State, Local, and Tribal entities, Risk MAP will deliver quality data that increases public awareness and leads to action that reduces risk to life and property.

Risk MAP Program Overview

- **Risk MAP**
  - **M**apping – Flood hazard and risk identification
  - **A**ssessment – Risk assessment tools
  - **P**lanning – Hazard mitigation planning
- **Risk MAP Vision**
  - Deliver quality data
  - Increase public awareness of flood risk
  - Encourage local/regional actions that reduce risk

RiskMAP
Increasing Resilience Together

Risk MAP Goals

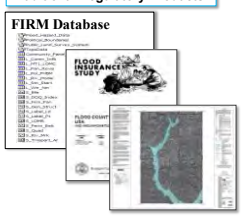
1. Address gaps in flood hazard data through engineering and mapping
2. Increase public awareness and understanding of risk
3. Hazard Mitigation Planning
4. Provide an enhanced digital platform
5. Align Risk Analysis programs and develop synergies

Risk MAP Program Overview

- **Through Risk MAP, FEMA works with communities to develop flood risk products and flood hazard maps**
  - Based on best available community data and latest technologies
  - Conducted by county for coastal (by watershed for riverine)
  - Strengthened by partnerships
- **You can use Risk MAP tools and data to:**
  - Create or improve your Local Mitigation Strategy
  - Make informed decisions about development, ordinances, and flood mitigation projects
  - Communicate with citizens about flood risk by utilizing outreach resources

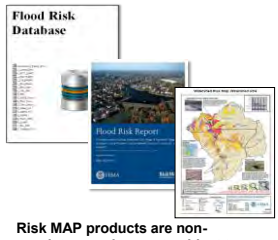
Program Product Comparisons

Traditional Regulatory Products



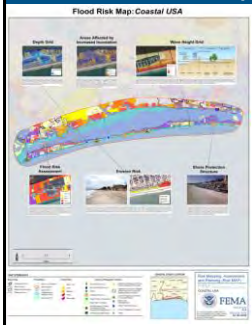
Traditional products are regulatory and subject to statutory due-process requirements

Non-Regulatory Products



Risk MAP products are non-regulatory and are not subject to statutory due-process requirements

Flood Risk Map



- **Visually Promotes Risk Awareness**
  - Contains results of Risk MAP project non-regulatory datasets
  - Promotes additional flood risk data not shown but located within the Flood Risk Database

http://MSC.FEMA.GOV

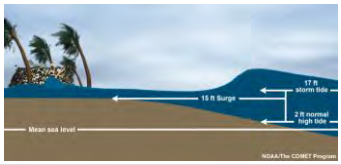
Southwest Florida Coastal Risk MAP

- **Strictly update the coastal portions of the Flood Insurance Study**
- **Update ONLY Flood Insurance Rate Map panels impacted by coastal flooding**
- **Counties to be studied:**
  - Sarasota
  - DeSoto
  - Charlotte
  - Lee
  - Hendry
  - Collier*

*Modeling is not being updated

Project Work Plan

- Perform coastal storm surge and wave height analyses for Sarasota, Charlotte and Lee Counties
- Surge only analysis for DeSoto and Hendry Counties (if necessary)
- First pass analysis for Collier County
- Perform coastal floodplain delineation
- Develop coastal Risk MAP products for all six counties
- Support Discovery and outreach to create ownership of the coastal analysis at state and local level



Generic representation of storm surge components

from www.nhc.noaa.gov/surge/

Different Project, Different Results

FDEM Evacuation Study

- Study completed in 2010 to map inundation levels for evacuation planning
- Project area includes all of FL coast
- Base data includes recent LiDAR data
- Uses SLOSH model

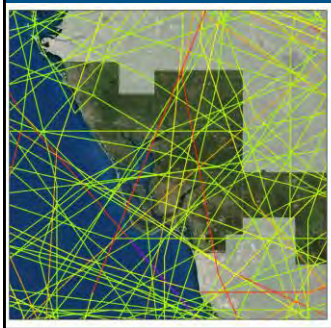
FEMA Region IV

- Recently started study to map 1% annual chance flood hazard area
- Project includes Southwest Florida counties only
- Base data will include recent LiDAR data
- Uses ADCIRC and SWAN Models

Project Work Schedule

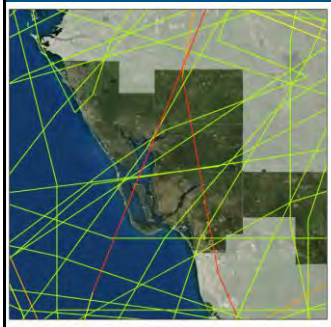
- Planning & Budgeting: 3 months (Complete)
- Discovery: 2~4 months (Commenced)
- Data Development & Sharing: 9~15 months (Commenced)
  - Complete surge modeling – early 2016
  - Complete wave modeling – mid 2016
  - Risk MAP products – late 2016
- Risk Awareness & Mitigation Outreach: 1~3 months
- Proposed NFIP Map Changes & Impacts: 1~3 months
- Preliminary NFIP Map Release & Mitigation Plan Path Forward: 1~3 months
- Due Process & Path Forward: 9~15 months

Historical Storm Tracks



- Since 1850, 38 storms
  - 27 Tropical Storms
  - 7 Category 1
  - 2 Category 2
  - 2 Category 3
  - 0 Category 4

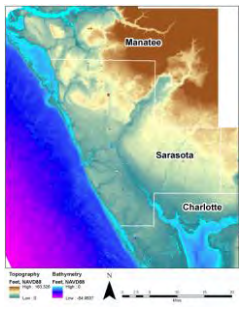
Historical Storm Tracks



- Since 1950, 15 storms
  - 13 Tropical Storms
  - 0 Category 1
  - 0 Category 2
  - 2 Category 3
  - 0 Category 4

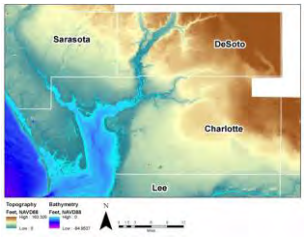
Sarasota County

- Sarasota County contains:
  - 4 cities/towns
  - 93 miles of shoreline
    - 56 miles of Surge and Wave Mapping
    - 37 miles of Surge Only Mapping
  - 159 Proposed Transects



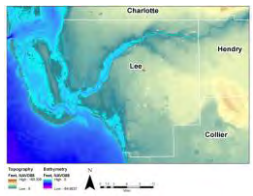
Charlotte and DeSoto Counties, FL

- Charlotte County contains:
  - 1 city
  - 157 miles of shoreline
    - 142 miles of Surge and Wave Mapping
    - 15 miles of Surge Only Mapping
  - 200 Proposed Transects
- DeSoto County contains:
  - 1 city
  - 5 miles of Surge Only Mapping



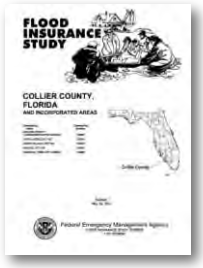
Lee and Hendry Counties, FL

- Lee County contains:
  - 5 cities/towns
  - 252 miles of shoreline
    - 237 miles of Surge and Wave Mapping
    - 15 miles of Surge Only Mapping
  - 389 Proposed Transects
- Hendry County contains:
  - 1 city in project area
  - 7 miles of Surge Only Mapping



Collier County, FL

- Collier County contains:
  - 3 cities/towns
  - 86 miles of shoreline
  - No Surge or Wave Modeling from SWFL Study
  - No New Transects from SWFL Study
- 1st Pass Analysis
- Reduced Discovery and Risk MAP Products



Data Collected to Date

- We have reviewed data and documentation that are available:
  - Topographic – Light Detection and Ranging (LiDAR) (2007)
  - Bathymetry Data – NOAA NOS Database/USACE Navigation Surveys, Bathymetric LiDAR
  - Historic Flood Insurance Study (FIS) reports (including Preliminary FIRMs in production)
  - Aerial imagery (2011, 2012)

Additional Data Reviewed

- In addition, we have reviewed the following available data and documentation:
  - Your FEMA-approved Local Mitigation Strategies
  - Previous flood hazard studies conducted
  - Flood insurance policies and claim information
  - Letters of Map Amendment and/or Letters of Map Revision
  - Average Annualized Loss (AAL) information
  - Census data
  - Federal and State disaster information
  - Data from other Federal/State agencies

Next Steps

- We have provided you:
  - A questionnaire to gain knowledge about the flood risk in your community and requests data for the study
  - A Project Charter
- March 2012: Discovery Meetings
  - March 4: Sarasota County (2:00 pm)
  - March 5: Charlotte/DeSoto Counties (9:00 am)
  - March 5: Lee/Hendry Counties (2:00 pm)
  - March 6: Collier County (9:00 am)

Discovery Process

- **Discovery Data Collection Period**
  - **Stakeholder coordination and data analysis**
- **Discovery Meeting**
  - **Initial Discovery Maps**
- **Post-Meeting Review**
  - **Final Discovery Report and Discovery Maps**

Discovery Products and Results

- **Final Discovery Report**
- **Final Discovery Map**
  - **Including feedback from participants**
  - **Visual representation of meeting outcomes**
- **Project Charter**
  - **Good faith effort by all**
    - Share data
    - Communicate findings
    - Plan mitigation activities

Taking Action

- **Mitigation and risk reduction only happens at the local level**
- **Risk MAP can provide:**
  - Risk identification and awareness
  - Education on mitigation alternatives
  - Technical and outreach assistance
- **Risk MAP can also provide information about:**
  - Hazard Mitigation Assistance grants
  - Other Federal Agency grants to support mitigation activities
  - Technical assistance provided by related trade associations

Questions

Contact Information
Mark Vieira
Mark.Vieira@fema.dhs.gov
770.220.5450

Charlene Johnston
Charlene.Johnston@urs.com
301.820.3354

Kevin Slover
kslover@Dewberry.com
678.537.8639

Marissa Soule
marissa.soule@urs.com
301.820.3449

Chris Zambito
czambito@Dewberry.com
813.421.8639

FEMA

Discovery Kickoff Meeting Minutes
Southwest Florida
February 04, 2014
10:00AM - 11:00AM

Attendees:

Charlene Johnston (RAMPP)
Chris Zambito (RAMPP)
Kevin Slover (RAMPP)
Marissa Soule (RAMPP)
Cindy Bailey (FEMA Region 4)
Elisa Roper (FEMA Region 4)
Henrietta Williams (FEMA Region 4)
Jason Hunter (FEMA Region 4)
Kristen Martineza (FEMA Region 4)
Valerie Anderson (FEMA Region 4)
Anura Karuna-Minu (Lee County)
Helena McMullen (Lee County)
Joan LaGuardia (Lee County)
Robert Stewart (Lee County)
Sam Lee (Lee County)
Steve Boutelle (Lee County)
Amy Meese (Sarasota County)
Candace Hendrickson (Sarasota County)
Courtney Mendez (Sarasota County)
Desiree Companion (Sarasota County)
Ed McCrane (Sarasota County)
Jeff Rzewnicki (Sarasota County)
Marty Duran (Sarasota County)
Molly Williams (Sarasota County)
Robert Bresciani (Sarasota County)
Scott Woodman (Sarasota County)
Scott Williams (Sarasota County)
Claire Jubb (Charlotte County)
Jim Evetts (Charlotte County)
R. Phil Aiuto (Charlotte County)
Robert Wiley (Collier County)
Thomas Cookingham (DeSoto County)
Josh Overmyer (Town of Ft. Myers Beach)
Brent Brewster (City of Ft. Myers)
Buster Chapin (City of Sarasota)
Bryan Holland (City of North Port)
Elizabeth Wong (City of North Port)
Heather Hansen (City of North Port)
Jonathon Lewis (City of North Port)
Nita Hester (City of North Port)
James Linkogle (Town of Longboat Key)
Greg Snyder (City of Venice)
Vince LaPorta (City of Venice)
Randall Cole (City of Punta Gorda)
Chris McNabb (City of Cape Coral)
Richard Sosnowski (City of Cape Coral)
Chris Sparacino (City of Marco Island)
Christa Carrera (City of Naples)
Harold Law (City of Sanibel)
Dawn Turner (SWFWMD)
Jezebel Garcia (SWFWMD)
JP Marchand (SWFWMD)
Mark White (SFWMD)
John Gibbons (SWFRPC)
Marlee McCleary (FDEM)
Lisa Beever (Charlotte Harbor NEP)
John Gucciardo (City of Bonita Springs)

Introductions

- Call attendees included: FEMA Region 4, State of Florida, Regional Organizations, RAMPP, CEOs, Floodplain Administrators, Planners & Engineers

Meeting Purpose

- Provide information about FEMA's Risk MAP Program
- Discuss the tentative schedule of the coastal flood study
- Provide information about the Discovery Process
- Collect additional information to use for coastal flood study
- Promote community engagement

Risk MAP Overview

- Risk MAP Program strives to deliver quality data to increase public awareness and reduce risk.
- Addresses gaps in current data and changes since last study.
- Provides enhanced digital data beyond FIRMs and FIS Reports
- Focuses on partnerships with communities to develop the best possible data and effectively mitigate risk.

Project Work Plan/Scope

- This study will update the FIS/FIRMs for the coastal portions of Sarasota, DeSoto, Charlotte, Lee, and Hendry Counties.
- Collier County will have a First Pass Analysis only to ensure the recent FIS/FIRM updates tie in with this new coastal study.
- Each of the studied counties will have an increased number of transects to increase the accuracy of the coastal analysis and modeling.
- Coastal Risk MAP products will be produced for all 6 counties.
- Baker/AECOM will produce preliminary maps.
- RAMPP will produce floodplains and work maps.
- Discovery tasks have begun. Maps aren't expected to go preliminary until June 2018 at the earliest.

Status of Data

- We have 2007 LiDAR, bathymetry data, political boundaries and transportation layers.
- We are looking at a variety of data including mitigation plans, Average Annualized Loss, Repetitive Loss, Census and Federal Disaster data.
- Hurricane Charley (2004), Hurricane Wilma (2004) and Hurricane Debby (2012) were the biggest recent storms in the study area.

Question: *The slide indicated no Category 4 storms, but Hurricane Charley was a Category 4.*

Answer: *The NHC does have Charley as a Category 4 at landfall. The database we used may not have captured max wind speeds.*

Comment (community): *Remember that hurricane category doesn't necessarily correlate with having that same category of storm surge.*
Question: *How is the new modeling different from what was recently used in Collier County?*
Answer: *A different grid-based model was used with approximately 100m resolution. ADCIRC is a triangle-based model for higher resolution - approximately 35m.*
Action Item: *Kevin Slover will organize a call with Robert Wiley to discuss implications on current and future Collier County work.*

Discovery Meetings

- Sarasota County - March 4th 2-4pm
- Charlotte/DeSoto - March 5th 9-11am
- Lee/Hendry - March 5th 2-4pm
- Collier - March 6th 9-11am
- Inland counties have been grouped with the closest coastal county.

Discovery Process & Results

- Collect data and present Discovery Maps at Discovery Meetings
- Incorporate new data and information from meetings into Final Discovery Map and Final Discovery Report.
- Have Projects Charters signed to ensure good effort by all parties involved in the Risk MAP study process.

Questions/Comments

Question*: How will insurance companies use the maps?*
Answer*: It's too soon to tell if there will be an increase or decrease, but insurance premiums are based on which flood zone a property is in.*
Comment (FEMA)*: Insurance isn't rated until maps go effective which is why we are taking the time to get the maps are as accurate as possible.*
Question*: In future meetings, will there be engineers who can talk more about modeling?*
Answer*: Yes. The Mesh Review Meeting, which is the meeting after the Discovery Meeting, will be a good place to go into further detail on modeling and technical questions.*
Comment (RAMPP)*: We started with the CEO and Floodplain Administrator for each community as contacts, but please send us contact information for anyone else you would like invited to the meetings for this study.*
Question*: Will this new data tie into our current Riverine FIRMs?*
Answer*: BakerAECOM will conduct a Combined Probability Analysis to accurately map the coastal and riverine tie-ins.*
Question*: Is the AAL Data entered into the models in any way?*
Answer*: No. This data is used for Discovery and Flood Risk Maps, but it won't impact the modeling.*
Question*: What is the timeline for this project?*

***Answer**: We are currently in the Discovery phase, which will be followed by modeling, Risk MAP products, Mapping, Outreach, Preliminary Maps, Appeals period, and Effective Maps. Preliminary Maps are expected no earlier than June 2018.*
***Comment (RAMPP)**: The timeline is still very tentative and will be updated as the project progresses.*
***Question**: Can we have access to the engineering strategy/scope of work?*
***Answer**: We can look into what we are able to give out at this point. Charlene Johnston will follow-up with Mark Vieira and send out information in the coming weeks.*
***Question**: What are the dates for the Discovery Meetings?*
***Answer**:*
Sarasota County: March 4th 2-4PM.
SWFWMD Sarasota Service Office
6750 Fruitville Rd., Sarasota, FL 34240

Charlotte/DeSoto Counties: March 5th 9-11AM
Charlotte County Administration Center
18500 Murdock Circle, Port Charlotte, FL 33948

Lee/Hendry Counties: March 5th 2-4PM
Lee County Emergency Operations Center
2675 Ortiz Ave., Fort Myers FL 33905

Collier County: March 6th 9-11AM
Collier County Community Development Department
2800 Horseshoe Dr. N., Naples, FL 34104

Appendix B

Discovery Meeting Agenda, Presentation, Meeting Minutes, and Sign-in Sheet

Project Name:	*Southwest Florida Coastal Study*
Meeting:	*Lee and Hendry Counties Discovery Meeting*
Date:	*Wednesday, March 5, 2014*
Time and Place:	*2 PM: Conference Rooms B-D, Lee County Emergency Operations Center, 2675 Ortiz Avenue, Fort Myers, Florida*

Discovery Meeting Agenda

Introductions (10 minutes)

Explain Purpose of Meeting (15 minutes)

- Provide overview of why we're here
- Outline Risk MAP products and datasets
- Discovery Overview
- Why we are here – Map History
- Explain difference between storm surge studies
- Share state of existing coastal study data
- Describe population growth and flood disaster data
- Share how risk will be better defined
- Outline goals for the day

Provide Risk MAP Overview (10 minutes)

- Define Risk MAP
- Provide overview of Risk MAP Objectives
- Compare regulatory to non-regulatory products

Describe Discovery Process (10 minutes)

- Review Discovery Process and Products
- Describe how Discovery relates to Southwest Florida Coastal study

Present Flood Risk Data and Discuss Risk and Solutions (20 minutes)

- Provide Southwest Florida Coastal study overview
- Discuss Project Work Schedule
- Discuss Work Plan
- Review all data collected, including sources
- Provide overview of Discovery Maps
- Describe transect layout methodology
- Show draft transect layout
- Review knowledge of area's local mitigation strategies/plans

Emphasize Mitigation Planning and Communication (10 minutes)

- Review Mitigation Planning Role
- Provide update on local mitigation planning strategies, needs and resources
- Highlight the role of each community in keeping their communities informed of their flood risk, steps they can take to protect themselves and their property, and study progress
- Describe the tools available to help communities communicate about risk
- Offer additional data, resources, or funding that may be needed to implement solutions

Wrap-Up (5 minutes)

- Discuss next steps/action items
- Explain process for breakout session

Breakout Sessions (30 minutes)

- Intent is to review Discovery Maps and gather feedback on the following:
    - Additional flood risks
        - Recent or planned development
        - High growth area or significant land changes
    - Other mitigation plans and projects
    - Other community concerns

FEMA Region IV Contacts

- Mark A. Vieira, Project Manager and Senior Engineer, Mark.Vieira@fema.dhs.gov, 770.220.5450
- Henrietta Williams, Coastal Outreach Project Manager, Henrietta.Williams@fema.dhs.gov, 770.220.5311

RAMPP Contacts

- Marissa Soule, Lee and Hendry Counties Study Manager, Marissa.Soule@urs.com, 301.820.3449
- Charlene Johnston, Task Order Manager, Charlene.Johnston@urs.com, 301.820.3354
- Kevin Slover, Assistant Task Order Manager, KSlover@dewberry.com, 678.537.8639

Resources

- FEMA: *www.fema.gov*
- Risk Mapping, Assessment, and Planning: *http://www.fema.gov/plan/prevent/fhm/rm_main.shtm*
- Floodsmart, the official site of the National Flood Insurance Program (NFIP): *www.floodsmart.gov*
- NFIP Reform: *www.fema.gov/business/nfip/nfip_reform.shtm*
- Risk Assessment, Mapping, and Planning Partners (RAMPP): *https://www.rampp-team.com/*
- Region IV Coastal Analysis and Mapping: *http://www.southeastcoastalmaps.com/resources/*

FEMA

Discovery Meeting:
Southwest Florida Coastal Surge Study

Lee/Hendry Counties, Florida
March 5, 2014

RiskMAP
Increasing Resilience Together

Agenda

- **Introductions**
- **Why we are here**
- **Outline Risk MAP products and datasets**
- **Discovery Overview:**
  - Project scoping and schedule
  - Data gathered
  - Areas of Mitigation Interest
  - Your Discovery Maps (with transect locations)
  - Activities that affect flood risk
  - Mitigation planning role and status
  - Importance of communication
- **Our Next Steps**
- **Meet to gather input**

Introductions – The Team

- **Risk MAP Project Team**
  - FEMA Region IV
  - Florida Division of Emergency Management (FDEM)
  - South Florida Water Management District (SFWMD)
  - RAMPP staff (supporting contractor)

Introductions – The Audience

- **Please ask your neighbor the following questions:**
  - What is your name?
  - Who do you work with?
  - What is your job?
  - Why are you here – what do you want to get out of this meeting?
  - Did you attend the February 4th Kickoff?
  - What is your favorite hobby?
- **Then take 1 minute to share what you learned about your neighbor with everyone**

Why We Are Here – Map History

- **Effective Coastal Map Dates**
  - Lee County: August 28, 2008
  - Effective coastal surge model: 1984 – Used FEMA's standard surge model
  - Effective wave analysis: 1995, 2002 & 2006
  - 30 transects
  - Hendry County: May 17, 1982
  - Effective coastal study: No coastal analyses were performed
  - 0 transects
- **Ongoing Study (Riverine)**
  - Hendry County: Preliminary May 31, 2013

Why We Are Here

- **Your flood risk changes over time**
- **We chose your counties to review due to risk and significant development in the area**
  - Significant flood risk from coastal storms (hurricanes and tropical storms)
  - Increase in population and development since effective coastal FIRMs were published
- **A complete, current picture of your flood hazards and risks will help you better:**
  - Plan for the risk
  - Take action to protect your communities
  - Communicate the risk to your citizens

Why We Are Here – Different Project, Different Results

Florida Division of Emergency Management Evacuation Study

- 2010 study to map inundation levels for evacuation planning

- Project area includes all of Florida coast
- Base data includes recent LiDAR data
- Uses SLOSH model

Why We Are Here – Different Project, Different Results

(http://www.heraldtribune.com/article/20120630/ARTICLE/120639963)

Southwest Florida Coastal Study

- Recently started study to map 1% annual chance flood hazard area
- Project includes Southwest Florida counties only
- Base data will include recent LiDAR data
- Uses ADCIRC and SWAN Models

Why We Are Here – Map History

Status of Effective Coastal Study

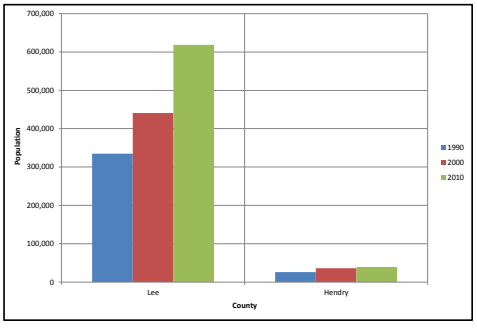
Effective surge analysis: 1984

- USGS topographic and bathymetric data dated 1956-1973 and 1981
- Storm Surge determined using FEMA storm surge model

Effective wave analysis: 1995, 2002 & 2006

- Topographic data: 1970-1993
- Wave Crest Elevations determined with WHAFIS
- Wave Set up determined using USACE Shore Protection manual

Why We Are Here – Population History



Flood Disasters (1965 – Present)

Date	Incident Type	Description
September 1965	Hurricane	Hurricane Betsy
November 1968	Hurricane	Hurricane Gladys
June 1972	Coastal Storm	Tropical Storm Agnes
July 1982	Coastal Storm	Severe Storms, Tornadoes and Flooding
March 1993	Tornado	Tornadoes, Flooding, High Winds and Tides, Freezing
October 1995	Hurricane	Hurricane Opal
September 1998	Hurricane	Hurricane Georges
October 1999	Hurricane	Tropical Storm Irene
September 2001	Coastal Storm	Severe Storms, High winds, Tornadoes and Flooding associated with Tropical Storm Gabrielle
August 2004	Hurricane	Tropical Storm Bonnie and Hurricane Charley
September 2004	Hurricane	Hurricane Frances
September 2004	Hurricane	Hurricane Ivan
September 2004	Hurricane	Hurricane Jeanne
October 2005	Hurricane	Hurricane Wilma
August 2008	Severe Storm(s)	Tropical Storm Fay
July 2012	Severe Storm(s)	Tropical Storm Debby

*Data based on FEMA Declared Disasters dated October 2013

Why We Are Here – More Accurate Products

- **Your risk is better defined through**
  - New Guidelines to be implemented
    - *Atlantic Ocean and Gulf of Mexico Guidelines Update (2007)*
    - *Sheltered Water Report (2008)*
    - *PM 50 Limit of Moderate Wave Action (LiMWA) (2008)*
  - Higher resolution base data, including: Light Detection and Ranging (LiDAR) and aerial imagery
  - Higher performance numerical modeling
  - Improvement in GIS technologies to allow for more accurate coastal mapping

Goals for Today

- **Promote community engagement and listen to your concerns**
- **Provide an overview of FEMA Risk MAP Program**
- **Discuss the project scope and schedule**
- **Provide an overview of Discovery process**
- **Present collected data**
- **Review importance of mitigation planning**
- **Collect any additional flood hazard data**

Risk MAP

Through collaboration with State, Local, and Tribal entities, Risk MAP will deliver quality data that increases public awareness and leads to action that reduces risk to life and property.

Risk MAP Program Overview

- **Risk MAP**
  - Mapping – Flood hazard and risk identification
  - Assessment – Risk assessment tools
  - Planning – Hazard mitigation planning
- **Risk MAP Vision**
  - Deliver quality data
  - Increase public awareness of flood risk
  - Encourage local/regional actions that reduce risk

RiskMAP
Increasing Resilience Together

Risk MAP Objectives

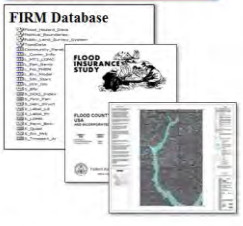
- **Address gaps in flood hazard data through engineering and mapping**
- **Increase public awareness and understanding of risk**
- **Facilitate and enhance Hazard Mitigation Planning**
- **Provide an enhanced digital platform**
- **Align risk analysis programs and develop synergies**

Risk MAP Program Overview

- **FEMA works with communities to develop flood risk products and flood hazard maps that are:**
  - Based on the best available data from the community and latest technologies
  - Conducted by watershed (Riverine)
  - Conducted by affected communities (Coastal)
  - Strengthened by partnerships
- **You can use Risk MAP tools and data to:**
  - Improve your Local Mitigation Strategy
  - Make informed decisions about development, ordinances, and flood mitigation projects
  - Communicate with citizens about flood risk

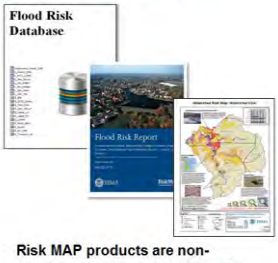
Program Product Comparisons

Regulatory Products



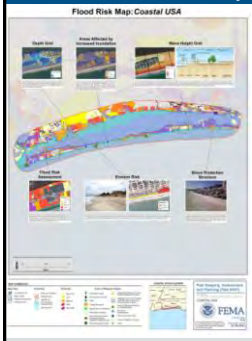
Traditional products are regulatory and subject to statutory due-process requirements

Non-Regulatory Products



Risk MAP products are non-regulatory and are not subject to statutory due-process requirements

Flood Risk Map



- **Visually Promotes Risk Awareness**
  - Contains results of Risk MAP project non-regulatory datasets
  - Promotes additional flood risk data not shown but located within the Flood Risk Database

Flood Risk Database

Changes Since Last FIRM
- Horizontal Changes and Results

Depth & Analysis Grids
- Depth (50, 20, 10, 04, 02, 01, 0.2 percent chance)
- Percent Annual Chance
- Percent 30-Year Grid
- Coastal Increased Inundation Areas
- Coastal Wave Hazard Severity Areas
- Primary Frontal Dune Erosion Areas and Erosion Dune Peak

Flood Risk Assessment
- Average Annualized Loss – 2010
- Refined Flood Risk Assessment

Areas of Mitigation Interest
- Areas of Mitigation Opportunity or Awareness

Discovery

- **First, we want to learn where your flood hazards are, what risk they pose, and how your community addresses that risk**
  - Review local flood hazards and risk
  - Understand local mitigation capabilities, hazard risk assessments, and current or future mitigation activities
  - Collect information about flooding history, development plans, daily operations, and stormwater and floodplain management activities

Discovery (cont.)

- **Next, we want to work with you to understand where the following may help:**
  - New or updated flood hazard information based on engineering studies
  - Additional flood risk assessments
  - Hazard mitigation planning technical assistance
  - Available grants and funding opportunities for actions from FEMA

Discovery Process

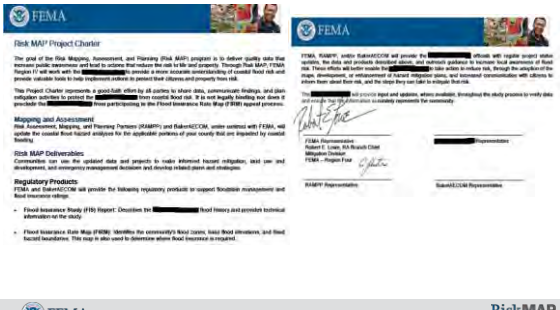
- **Discovery Data Collection Period**
  - Stakeholder coordination and data analysis
- **Discovery Meeting**
  - Initial Discovery Maps
- **Post-Meeting Review**
  - Final Discovery Maps and Discovery Report

Discovery Products and Results

- **Final Discovery Report**
  - Potentially affected FIRM panels
- **Finalized Discovery Map**
  - Including feedback from participants
  - Visual representation of meeting outcomes

Discovery Products and Results

- **Risk MAP Charter**


FEMA

Risk MAP Project Charter

The goal of the Risk Mapping, Assessment, and Planning (Risk MAP) program is to deliver quality data that increases public awareness and lead to actions that reduce the risk to life and property. Through Risk MAP, FEMA Region IV will work with the [redacted] to provide a more accurate understanding of coastal flood risk and provide valuable tools to help implement actions to protect their citizens and property from risk.

This Project Charter represents a good-faith effort by all parties to share data, communicate findings, and plan mitigation activities to protect the [redacted] from coastal flood risk. It is not legally binding nor does it preclude the [redacted] from participating in the Flood Insurance Rate Map (FIRM) appeal process.

Mapping and Assessment

Risk Assessment, Mapping, and Planning Partners (RAMPPs) and Baker/AECOM, under contract with FEMA, will update the coastal flood hazard analyses for the applicable portions of your county that are impacted by coastal flooding.

Risk MAP Deliverables

Communities can use the updated data and projects to make informed hazard mitigation, land use and development, and emergency management decisions and develop related plans and strategies.

Regulatory Products

FEMA and Baker/AECOM will provide the following regulatory products to support floodplain management and flood insurance ratings:

- Flood Insurance Study (FIS) Report: Describes the [redacted] flood history and provides technical information on the study.
- Flood Insurance Rate Map (FIRM): Identifies the community's flood zones, base flood elevations, and flood hazard boundaries. This map is also used to determine where flood insurance is required.

FEMA

FEMA Representative
Robert T. Lowe, Jr.
Mitigation Division
FEMA – Region Four

[redacted] Representative

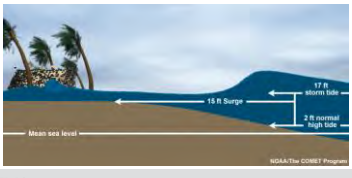
RAMPP Representative

Baker/AECOM Representative

Southwest Florida Coastal Study

Project Work Plan

- **Perform coastal storm surge and wave height analyses for Sarasota, Charlotte and Lee Counties**
- **Surge only analysis for DeSoto and Hendry Counties (if necessary)**
- **First pass analysis for Collier County**
- **Perform coastal floodplain delineation**
- **Develop coastal Risk MAP products for all six counties**
- **Support Discovery and outreach to create ownership of the coastal analysis at state and local level**



Generic representation of storm surge components

from www.nhc.noaa.gov/surge/

Project Work Schedule

- **Planning & Budgeting: 3 months (Complete)**
- **Discovery: 2~4 months (Commenced)**
- **Data Development & Sharing: 9~15 months (Commenced)**
  - **Complete surge modeling – mid 2016**
  - **Complete wave modeling – mid 2017**
  - **Risk MAP products – late 2017**
- **Risk Awareness & Mitigation Outreach: 1~3 months**
- **Proposed NFIP Map Changes & Impacts: 1~3 months**
- **Preliminary NFIP Map Release & Mitigation Plan Path Forward: 1~3 months**
- **Due Process & Path Forward: 9~15 months**

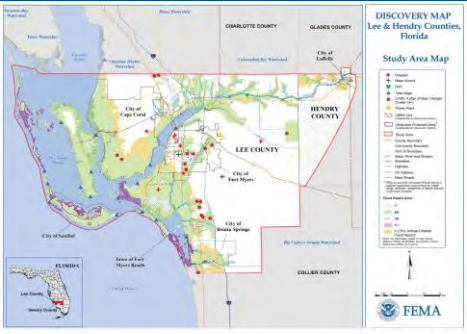
Data Reviewed to Date

- **Examples of data and documentation reviewed include:**
  - 2007 LiDAR and Topography
    - 2007 is the dominant LiDAR source but more recent collections are included as well
  - NOS/USGS Hydrographic Surveys
  - Levee and dam information
  - 2013 Aerial imagery
  - Historic FIS reports
  - Storm/climatology reports

Additional Data Reviewed to Date

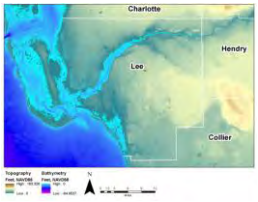
- **Additional data and documentation reviewed**
  - Your FEMA-approved Local Mitigation Strategies
  - Previous non-FEMA flood hazard studies conducted
  - The number of flood insurance policies and claims
  - Letters of Map Amendment and/or Letters of Map Revision
  - Average Annualized Loss information
  - Census data
  - Federal and State disaster information
  - Repetitive Loss/Severe Repetitive Loss

Discovery Map



Lee and Hendry Counties, FL

- **Lee County contains:**
  - **5 cities/towns**
  - **252 miles of shoreline**
    - **237 miles of Surge and Wave Mapping**
    - **15 miles of Surge Only Mapping**
  - **389 Proposed Transects**
- **Hendry County contains:**
  - **1 city in project area**
  - **7 miles of Surge Only Mapping**



Transect Layout

- **The transect methodology is as follows:**
  - "Published" transects: approximately every mile along the shoreline
  - These transects will appear on the final FIRMs
  - Transects placed to capture topographic and land use changes
    - Populated areas will have increased transect density
  - Field reconnaissance and ground photographs will be collected along all accessible transects
  - "Mapping" transects placed at higher density to provide additional model results to help with the mapping process
- **Mapping transects will not be presented on the final FIRM. Only published transects will be viewed on the FIRM**

Proposed Transect Layout

Proposed Transects - Detail

Local Activities That Affect Flood Risk

- **Upcoming activities that may affect your flood risk**
  - Development plans
  - Planned mitigation activities
- **Local activities you currently take to address flood risk**
  - Stormwater management activities
  - Floodplain management activities
  - Daily operations
  - Outreach activities

Mitigation Planning

- **Local Mitigation Strategies (Hazard Mitigation Plans):**
  - Can help guide your decisions on mitigation activities for all hazards you face
  - Are an important resource responsible for responding to disasters
  - Can help you apply for assistance to take action

Local Mitigation Strategy

- **2012 Lee County LMS**
  - 109 projects were listed in the LMS
    - 18 – Ongoing or partially completed
    - 3 – Funded/budgeted or may be funded
    - 84 – Deferred due to lack of funding
    - 4 – Data not available or removed
- **2010 Hendry County LMS**
  - 27 projects were listed in the LMS for Hendry County and City of LaBelle
    - 2 – Completed
    - 13 – Ongoing or expected in 1-5 years
    - 12 – Deferred due to lack of funding

Local Mitigation Strategy

- **Mitigation Projects Include:**
  - Lee County
    - Hardening and elevating of fire stations
    - Elevating repetitive loss properties
    - Storm resistant public work facilities
    - Stormwater improvements
    - Beach Restoration
    - Retrofitting public buildings
    - Mitigation related activities
  - Hendry County
    - Hazard Education and Outreach
    - Public Shelter Retrofit
    - Public Facility Shuttering and Bay Bracing
    - Drainage Improvements

Risk Communication

- **Citizens look to local officials to keep them informed of flood risk**
- **Regular communication is important regarding:**
  - Flood hazard and risk information
  - Steps citizens can take to protect their families and property

Risk Communication (cont.)

- **Risk MAP provides information to help you communicate about flood risk, including:**
  - Flood risk products that are clear and easy to understand
  - Template that can be used to develop a community outreach plan
  - Draft letter that can be used to inform citizens about their risks

Risk Communication (cont.)

- **FEMA Region IV External Affairs**
  - Content for communication materials such as news releases, websites, community newsletters, etc.
  - Media contact lists
  - Consultation or assistance with External Affairs strategies and tactics
  - Contact: Margaret Jody Cottrill, 770-220-5308
    margaret.cottrill@fema.dhs.gov

Taking Action

- **Mitigation and risk reduction can only happen at the local level**
- **Risk MAP can provide:**
  - Risk identification and awareness
  - Education on mitigation alternatives
  - Technical and outreach assistance
- **Risk MAP can also provide information about:**
  - Hazard Mitigation Assistance grants
  - Other Federal Agency grants to support mitigation activities
  - Technical assistance provided by related trade associations

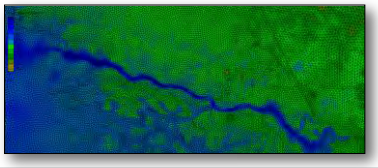
Next Steps

- **Breakout Session**
- **Within two weeks, we would like from you:**
  - Outstanding questionnaires & signed Project Charters
  - Supplemental data (if any)
- **Based on today's discussion, we will complete and forward to you draft versions of:**
  - Discovery Maps that reflect our discussions
  - Discovery Report that summarizes the data collected

Next Meeting (Fall 2014)

- **Technical Outreach Meeting (Mesh Review Meeting)**
  - Topographic and Bathymetric Surface
  - Shoreline Construction
  - ADCIRC (Advanced CIRCulation Model) Mesh
  - Storm Climatology
  - Validation Storm Selection

Sample of a draft mesh from West Florida Study



Supplemental Resources

Resource	Website
Community Rating System Fact Sheet	http://www.fema.gov/media-library/assets/documents/9998
Floodplain Management Fact Sheet	http://www.fema.gov/media-library/assets/documents/5686
FloodSmart.gov Fact Sheet	http://www.floodsmart.gov/toolkits/flood/downloads/FloodSmart.gov_Fact_sheet.pdf
Hazus-MH Fact Sheet	http://www.fema.gov/media-library/assets/documents/9696
HMA Grant Programs Fact Sheet	http://www.fema.gov/media-library/assets/documents/16078
Local Mitigation Planning Handbook	http://www.fema.gov/media-library/assets/documents/31598?id=7209
Local Mitigation Plan Sample Scope of Work	http://www.fema.gov/media-library/assets/documents/4170?id=1858
Mitigation Planning Fact Sheet	http://www.fema.gov/media-library/assets/documents/5756
Mitigation's Value to Society Fact Sheet	http://www.fema.gov/media-library/assets/documents/12305
NFIP Fact Sheet	http://www.fema.gov/media-library/assets/documents/10064
Region IV Coastal Analysis and Mapping	http://www.southeastcoastalmaps.com/PublicDocs/IVCoastalAnalysisandMappingFact%20Sheet_SoutheastUnited%20States_eng11-7-12.pdf
Risk MAP Discovery Brochure	http://www.fema.gov/media-library/assets/documents/23137?id=4852
Risk MAP and the NFIP Fact Sheet	http://www.fema.gov/media-library/assets/documents/21372
Risk MAP Informational Flyer	http://www.fema.gov/media-library/assets/documents/18274

Acronyms: HMA = Hazard Mitigation Assistance, NFIP = National Flood Insurance Program, MAP = Mapping, Assessment, and Planning

Thank you

We look forward to continuing to work with you to help the Southwest Florida coastal area become more resilient to flooding

Questions

Contact Information
Mark Vieira
Mark.Vieira@fema.dhs.gov
770.220.5450

Charlene Johnston
Charlene.Johnston@urs.com
301.820.3354

Kevin Slover
KSlover@Dewberry.com
678.537.8639

Chris Zambito
CZambito@Dewberry.com
813.421.8639

Marissa Soule
Marissa.Soule@urs.com
301.820.3449


FEMA
FEMA
49
RiskMAP

Southwest Florida Discovery Meeting for Lee and Hendry Counties
Meeting Minutes

Wednesday, March 5, 2014 at 2PM in Fort Myers	
Topic	
Lee and Hendry County Discovery Meeting Attendees	
Charlene Johnston (RAMPP)	Josh Overmyer (Fort Myers Beach)
Chris Zambito (RAMPP)	Judie Zimomra (Sanibel)
Jamie Leigh Price (FDEM)	Kelly O'Nan (Hendry County)
Kevin Slover (RAMPP)	Michael Boyle (La Belle)
Marissa Soule (RAMPP)	Randy Henderson (Fort Myers)
Mark A. Vieira (FEMA)	Rick Sosnowski (Cape Coral)
Vidya Velagandula (RAMPP)	Roland Ottolini (Lee County)
	Sam Lee (Lee County)
Anura Karuna-Muni (Lee County)	Sandy Larsen (Sanibel)
Ben Bailey (Fort Myers)	Scott Fulton (Sanibel)
Benjamin Pople (Sanibel)	Steve Boutelle (Lee County)
Bob Stewart (Lee County)	Tim Walker (SWFRPC)
Brent Brewster (Fort Myers)	
Christine Deramo (Lee County)	Webinar Participants:
Harold Law (Sanibel)	Gabriela Vigo (FEMA)
Helena McMullen (Lee County)	Nathan Shields (Booz Allen)
John Gucciardo (Bonita Springs)	

Discovery Presentation

Overview and Introductions

- Mark Vieira (FEMA) provided an introduction to the Discovery Meeting. He introduced the FEMA staff joining the meeting via the webinar. The purpose of the meeting was to provide information about the upcoming study, receive information about the data needs of the communities and also gather concerns the communities may have.
- Charlene Johnston (RAMPP) introduced the team that consists of the Federal Emergency Management Agency (FEMA), Florida Division of Emergency Management (FDEM), and Risk Assessment, Mapping and Planning Partners (RAMPP). In addition, she provided an opportunity for the audience to introduce themselves to their neighbor.

Why We Are Here – Map History, Flood Disasters

- Marissa Soule (RAMPP) presented the purpose of the study and briefly explained the effective FEMA study dates. The effective date for the Lee County coastal maps is August 28, 2008. Those were developed based on a coastal surge model dated 1984. The wave analysis for Lee County was revised in 1995, 2002 and 2006. The Lee County effective study was based on 30 transects, but the new study will be based on many more transects.
- The effective Hendry County study did not include any coastal analysis. The ongoing riverine study for Hendry County went Preliminary in 2013.
- *Comment: Mark – There are 3 PMRs (Physical Map Revisions) that were submitted by Lee County and FEMA is in the process of working on them. They are with a different contractor and may be done this year. Once those are finished we will come out and have another meeting with you about them.*
- Marissa briefly talked about the evacuation study prepared by FDEM in 2010 and mentioned the differences between the evacuation study and new coastal study that will be done for this project.
- Marissa talked about the effective surge and wave analyses, population changes in the county, increased development, flood disasters and the more recent data and models/guidelines that are available and will

be used for this coastal study.

- The Limit of Moderate Wave Action (LiMWA) will be added to the maps. FEMA encourages but does not require increased regulations on construction in the LiMWA area.
- *Comment: Josh Overmyer (Fort Myers Beach) – Increased regulation in the LiMWA areas is a requirement for Community Rating System (CRS) communities.*

Goals for Today

- Marissa briefly discussed the goals for the meeting. The main goal is to meet and discuss the project with you; this is another step in our community engagement. Additionally, it is to get your feedback on the draft Discovery Maps and determine if there is additional or more current data available than what RAMPP has gathered thus far.

- Marissa mentioned that the questionnaires and charters were sent out to the Floodplain Administrator (FPA) for each community and reminded the communities to return the documents if they have not already.

Risk MAP, Objectives and Program Overview

- Marissa provided an overview of the purpose of the Risk Mapping, Analysis and Planning (Risk MAP) program, its objectives and vision.
- *Comment: Mark – Previously FEMA used to do riverine studies by community then by county but those caused problems with the tie-ins at the community & county boundaries. Now FEMA is doing riverine studies by watershed to avoid that problem. Similarly, FEMA is doing coastal studies by larger reaches. This study for Southwest Florida covers the Florida coast from Sarasota County down to Collier County.*

Program Product Comparisons

- Marissa explained the difference between traditional regulatory and non-regulatory products, or Risk MAP products, and noted that the communities will receive both the traditional products and the new Risk MAP products. The new Risk MAP products will help the communities gain a better understanding of flood risk and its potential impact on communities and individuals. This will enable the community to take mitigation actions to reduce risk.
- Marissa showed a Flood Risk Map and Flood Risk Database and their components and discussed one product called Depth Grids. The depth grid visually communicates flood risk. It shows not just that a house is in the floodplain but how deep flooding could be for the flood event.
- *Comment: Mark – Hendry County will get non-regulatory products as an add on for their riverine study that went preliminary last year.*
- *Question: Michael Boyle (La Belle) – Will Hendry County get depth grids?*
  Answer: Marissa – Yes, Hendry will get the same products as other counties.

Discovery Process, Objectives, and Products

- Marissa briefly explained the Discovery process, its objectives, and its products.
- One purpose of Discovery is to review local flood risk data and discuss current or future mitigation activities.
- Marissa explained that there will be an opportunity to view the draft Discovery Maps during the breakout session and comments can be provided at that time.
- Marissa explained the final products from Discovery are the final Discovery Maps and a final Discovery Report. The Discovery Report will include a figure showing Flood Insurance Rate Map (FIRM) panels that are potentially affected by this study.
- Marissa indicated that Risk MAP charters were also sent to the community FPAs and encouraged the

communities to send the signed charters back.

Southwest Florida Study Area

- Marissa discussed the Southwest Florida study area, project work plan and schedule.
- Only a first pass analysis will be performed for Collier County. The inland counties of Hendry and DeSoto are included in case they are affected by an increase in storm surge or if the topography has changed so that coastal flood hazards now impact the county. Only the affected areas will be considered part of the study area.
- *Comment: Mark – Only panels that are affected by coastal flooding will be changed for this study, so the eastern part of the county may have some map panels that are not revised. Similarly, for the Lee County PMRs, only the affected panels will change.*

Data Reviewed to Date

- Vidya Velagandula discussed the data gathered and reviewed to date.
- Vidya mentioned that data has been collected through questionnaires that were sent to the communities in addition to data gathered from FEMA, as well as state and federal resources.
- Vidya showed the Study Area Discovery Map and discussed the transect layout for the effective study and new study. There are 30 effective transects for Lee County and there will be 389 published transects for the new study. Hendry County is inland, so there will be no transects.

Mitigation Planning

- Charlene explained the local activities that affect flood risk.
- Charlene discussed how mitigation planning helps a community and provided the information on mitigation projects that were identified in Lee and Hendry County Local Mitigation Strategies. FDEM can also help communities with mitigation planning.

Risk Communication

- Charlene emphasized the role of local officials in presenting risk and mitigation plans to citizens. She also brought attention to the support that FEMA Region IV External Affairs can provide for communication material content and media contacts.
- *Comment: Mark – FEMA outreach person Henrietta Williams can also help communities with the messaging about the flood study further into the study process.*

Taking Action

- Charlene mentioned that the mitigation and risk reduction can only happen at a local level and discussed how Risk MAP can provide information about mitigation.
- *Comment: Mark – FEMA is trying to get communities to take mitigation actions. FEMA can provide the tools and data and the communities are encouraged to come up with mitigation ideas and priorities and FEMA will track to see what the communities are doing with the data we give them. Keeping track of mitigation efforts by communities will also help convince congress to keep giving FEMA funding.*

Next Steps

- Charlene explained that the data gathered in the breakout sessions would be incorporated into the draft Discovery Maps and Report. We will wait up to two more weeks to receive data from the communities and then start completing our draft maps and report. Questions/concerns noted during the breakout session will be reviewed by RAMPP within two weeks. That data will be incorporated into the meeting notes and emailed to attendees along with the presentation file.

Next Meeting

- The next meeting will be in fall 2014 to discuss the mesh and other technical and modeling approaches for the study.

Supplemental Resources

- Charlene indicated that one of the handouts that were provided includes links to all supplemental fact sheets that may be of interest to the communities.

The presentation concluded at approximately 3:30 PM, and the communities were asked to check the maps and provide feedback during the breakout session. The breakout session concluded at 4:30 PM.

Question & Answer Session:

- *Question: Rick Sosnowski (Cape Coral) – Is there a reason for not using SLOSH for this study while the Regional Planning Council is using it? How different is the purpose? Is your model superior to SLOSH? We are worried about the modeling we used for our Comprehensive Plan being obsolete.*
  Answer: Charlene – We are not using SLOSH because it does not meet the needs of floodplain delineation. It is ok to use that program and its output for other purposes. What purpose are you using your modeling for?
  Comment: Rick – We map the Coastal High Hazard Area (CHHA) and use it for prohibitions on public funds on construction in the CHHA.
  Answer: Mark - The new study will be used to generate the one percent annual chance flood hazard mapping and will be used for Flood Insurance policies. SLOSH was used for evacuation purposes: SLOSH maps Category 1 through Category 4 hurricanes. There is no direct correlation between the evacuation categories and the FEMA flood frequencies. These are two separate studies with different methods and goals. It is fine for you to use SLOSH for your purposes.

- *Question: Judie Zimomra (Sanibel) – If the different models are for different purposes how does that impact public education?*
  Answer: Mark – It can be a challenge to demonstrate and communicate these differences. It is good to note that now and plan for it later. Our primary focus is to use these tools to push for mitigation.

- *Comment: Tim Walker (SWFRPC) – I worked on the FDEM Evacuation Study and we worked with the Emergency Managers to disseminate the information. It's just another tool. That one was used was for evacuation purposes. Other tools from different sources such as NOAA are available for different purposes.*

- *Question: Harold Law (Sanibel) – Where are these two models [ADCIRC and SWAN] used? And how comparable are the elevations [to other models]?*
  Answer: Charlene: The models have been used in multiple FEMA studies. We are using them currently in other Florida studies north of this Southwest Florida study.

- *Comment: Harold – We would like to get the results from previous studies to see what they look like.*
  Answer: Kevin Slover (RAMPP) – The elevations are going up in New York and New Jersey and going down in North Carolina. The modeling results depend on storms and other factors in each area.
  Answer: Mark – The models were also used for the Mississippi coast. In Maryland the flood elevations using these models went down. Even if the elevations are exactly the same as they are now at the end of the study the floodplains will still be different, because we're going to be using more accurate topography. Any topo that is being used now is better than the USGS quads which are what was used in the past. But we will need to get much further into the study before we'll know if the elevations will be

going up or down.

- *Question: Sam Lee (Lee County) – Are we the first ones to use this model in Florida?*
  Answer: Kevin – No.
  Answer: Mark – In Region 4, the models have been used in Alabama, the Florida Panhandle, South Carolina and Georgia. The very first time was after Katrina on the Mississippi coast. Northeast Florida was the first one to use in Florida.
  Answer: Kevin – Other parts of Florida have used the model as well. You are almost the last part of Florida to be studied using this method.

- *Question: Sam – Can we have access to the project scope? Applications matter. We want to see the procedure for the modeling.*
  Comment: Bob Stewart (Lee County) – The modeling is an unknown process. If we get something with dramatically different results we're the ones who will need to try to explain it to real people. We are hoping to avoid that situation and would like to see what happens behind the black box of the models. Communities are looking into this with extreme interest after BW12.
  Answer: Mark – We've realized that the modeling being a black box is a problem and we're trying to show you what's in that black box for this study.
  Comment: Kelly O'Nan (Hendry County) – That's part of the purpose of this Discovery Meeting. The more information we give to FEMA, the more they can give us.

- *Comment: Kevin – We will have the Mesh Review Meeting in the fall and we will discuss technical modeling details at that meeting such as climatology, storms used for the study, etc.*

- *Question: John Gucciardo (Bonita Springs) – What other results have previous counties using these models had?*
  Answer: Kelly O'Nan (Hendry County) – But their parameters may be different [than Lee and Hendry Counties].
  Answer: Kevin – The climatology will also be different [than Lee and Hendry Counties].

- *Question: Charlene – Mark, can we give them any of the Intermediate Data Submittals (IDS), which are the preliminary modeling result reports, for other counties?*
  Answer: Mark – No, we would have to talk to the other counties.
  Answer: Charlene –We could provide contact information for other counties and you'd have to try to get IDSs from them.
  Comment: Anura Karuna-Muni (Lee County) – We're more concerned about the process than the exact results.

- *Question: Anura - The model that the State has been using for the last 30 years for the Coastal Construction Control Line – will the new model be consistent with this?*
  Answer: Mark – We've met with the State previously about the state's line being different than the flood insurance maps, but the state didn't want to make any changes to their methods. They should go together but they do not. Our model is used for insurance purposes and the state line is used for a different purpose.

- *Question: Sam – Before May 2016 [when the surge model will be done] we would like to see the specific surge model, conceptualization of data, etc. We would like to be involved from the beginning of the process. We are thinking about hiring a consultant to review these models. Is FEMA ok with that?*
  Answer: Mark – BakerAECOM is reviewing everything that RAMPP is doing as there have been a lot of

questions for coastal studies.
Answer: Kevin – All of the coastal study work is double-checked internally first by the RAMPP partners (URS and Dewberry). When RAMPP submits to FEMA, FEMA and BakerAECOM checks all of RAMPP's work. Also, when BakerAECOM submits their work to FEMA, RAMPP checks BakerAECOM's work.

- *Question: Sandy Larsen (Sanibel) – For the new FIRMs with LiMWAs – Is it a new zone? Is there an insurance stipulation?*
  Answer: Mark – There is no insurance change due to the LiMWA. The LiMWA area is not a new zone; it is still an AE Zone. The reason FEMA is adding the LiMWA is that over the years we have seen damages from waves 1.5 to 3.0 feet high. So it is being added to the maps for informational purposes. Adding increased regulations is up to the individual communities. It is another tool that can be used. FEMA encourages changing your ordinances to build to V zone standards in those areas, but it is not required.

- *Question: Anura - Does the study area overlap with the riverine study area?*
  Answer: Mark – Yes. There will be an overlap of the coastal and riverine studies at the tie-in area.

- *Question: Sam – Should we use the information from the non-regulatory products for construction?*
  Answer: Mark – The non-regulatory products do not show anything that is not on the regulatory products, they only offer supporting information. For example the depth grids will give an idea about depth of water but the floodplain area is the same for the regulatory and non-regulatory products.

Breakout Session
The following notes describe comments received during the breakout session and on the Discovery Maps. After the meeting, the Team reviewed the breakout session comments. The Team's response is provided in italics and follows each comment.

- Is this our one chance to look at the maps or will there be others?
  We will distribute the draft Discovery Maps along with the draft Discovery Report for community review this summer.

- City of Sanibel - This seems new, can you explain if there are any differences between coastal and bay transects?
  There are no differences between back bay and other coastal transects. We are using back bay transects now because some bays are large/wide enough to sustain regeneration of waves after overtopping barrier islands or other elevated features.

- Lee County - Is WHAFIS used in modeling?
  Yes, WHAFIS will be used for the overland wave modeling for this study.

- City of Sanibel - Is there consideration for ground elevation out in the gulf?
  Yes, the bathymetry of the gulf is used and goes offshore about a mile. The bathymetry is not shown on the maps.

- City of Sanibel – Wanted to verify the locations of the OPAs and CBRAs shown on the maps
  These zones were received directly from the US Fish & Wildlife Service, who is responsible for administering the areas.

- How can we determine if federal land is included or not in the AAL (Average Annualized Loss) map?
  All land areas in the county, regardless of ownership, were included in the AAL computations.

- City of Sanibel – The City is concerned that the census block representation may not be a good idea for this area.
  AAL values for the entire country were computed using the FEMA loss estimation program, Hazus, in 2010. RAMPP is displaying the data from the 2010 analysis on the AAL map. Hazus computations are done at a census block level, so the loss estimates cannot be displayed on a smaller scale. The data could be displayed on a larger scale such as census block groups or census tracts if desired. Because of the way that the losses are estimated, any loss value associated with one or more structures inside the census block will cause the entire census block to be highlighted.

- City of Sanibel - There is an area that shows an AAL value of $4,000,001 to $8,000,000 that needs to be verified. Also can we verify why this high value is here?
  City of Sanibel – Northern part of the city where the AAL is $2,000,001 to $4,000,000 needs to be verified as the City expects this area to have an AAL value much higher.
  Verify that the AAL census block near Island Inn Road in the City of Sanibel is a separate census tract.
  Verify the coding for the AAL block west of Highway 41 in the City of Bonita Springs.
  Verify the AAL census block just south of Cape Coral Parkway East and west of Del Prado Boulevard South.
  Verify AAL census block 4000 - north of Gladiolus Drive, east of A&W Bulb Road - in Lee County
  Verify AAL census block 2003 - north of Highway 876 and west of South Cleveland Avenue - in Lee County
  All seven census blocks identified have been examined to ensure that the boundaries of the census block are correct and that the block is coded correctly based on the losses for the block. Please keep in mind that because of the way that the losses are estimated, any loss value associated with one or more structures inside a census block will cause the entire census block to be highlighted. It is not possible for the AAL data to be shown on a more precise scale than the census block level.

  The AAL data shown on the map is a prediction of flood risk and potential economic losses; it is not actual loss data. The intent of the data is to show an estimate of flood loss damage amounts, so the information can be used to prioritize mitigation projects. The AAL data was computed based on flood risk, damage estimate curves and building values, so blocks with high values are a result of potential flood risk in areas with a high structure value for the entire census block. So a census block with one structure with an $8,000,000 loss is treated the same on the AAL map as a census block with 100 structures with $80,000 of damage each.

- How far back chronologically does the AAL data go? Define AAL.
  As explained above, the AAL data is not actual loss data, so it does not have a chronology. The AAL is the maximum potential loss for a given year based on the 10%, 2%, 1%, 0.5% and 0.2% annual chance return periods.

- Include Cape Coral Bridge Road in the road shapefile.
  Lee County – Helena will send the major road shapefile to URS.
  The GIS data from Lee County was used to revise the maps. Major roads, which included interstates, US highways and Florida highways, were added to the Discovery Maps for orientation purposes only. Cape Coral Bridge Road is not considered a major road, so it was not added to the Discovery Maps. The updated FIS and FIRMs produced as a result of this study will have all roads on them, including Cape Coral Bridge Road.

- City of Sanibel - Verify the location, ownership and maintenance of the two tidal gages in the City of Sanibel and the two north of Sanibel.
  Fort Myers Beach - Verify the three tidal gages that are southeast of Highway 865 in the Town of Fort Myers Beach.
  Lee County - The gage near US Highway 41 is the only gage that currently exists.
  The eighteen tide gages shown on the Discovery Maps were examined. Of the 18, only the gage at Coconut Point in Estero Bay in Bonita Springs and the gage at Point Ybel at the entrance to San Carlos Bay in Sanibel are currently active. The gages were shown on the maps to indicate that they were current or historic gages that have information that may be used for the study. The gages we use in the study will be selected during a later phase of the coastal analysis and will depend on an analysis of several factors, such as the quality and type of data available. All gages shown were/are owned and operated by the National Oceanic and Atmospheric Administration (NOAA).

  One of the two active gages is in the City of Sanibel at Point Ybel. The gage has been active from 2011 through the present. There are no currently active gages in the Town of Fort Myers Beach. The three historic gages in Fort Myers Beach were active from 1965 – 1973 (Matanzas Pass) and 1973 (Estero Island and Carlos Point). The Fort Myers station, near US Highway 41, operated from 1965 to 1998, but does not appear to be currently in operation.

- Lee County – We received permits for a near shore wave buoy northwest of the City of Sanibel. The buoy is expected to be installed in the future.
  Once the buoy is installed, its record of historical wave heights can be used for future flood studies. However, since there is no historic record at this time, we will not be able to use it for the current flood study.

FEMA

LEE AND HENDRY COUNTIES
DISCOVERY MEETING
SIGN-IN SHEET

Fort Myers, FL
March 5, 2014
2:00 PM

Name	Community/ Organization	Street Address City, State, Zip	Phone Number	E-mail Address
Kelly O'Nan	Hendry City Egr	PO Box 1607 LaBelle, FL 33972	863-612-4727	konan@hendryfla.net
Sam Lee	Lee Co DNR	1500 Monroe St Ft Myers, FL 33901	239-533-8132	slee@leegov.com
Jodie Zimmer	City of Sanibel	Sanibel City Hall	239 472 3700	J.Zimmer@mysanibel.com

RiskMAP
Increasing Resilience Together

FEMA

Name	Community/ Organization	Street Address City, State, Zip	Phone Number	E-mail Address
Vidya Velagandula	RAMPP	12420 Milestone Center Dr #150 Germantown, MD 20874	301-820-3255	Vidya.velagandula @ wrs.com
Marissa Soule	RAMPP	12420 Milestone Center Dr, #150 Germantown, MD 20874	301-820-3449	Marissa.soule@ wrs.com
Josh Overmyer	Fort Myers Beach	2523 Estero Blvd Fort Myers Beach, FL 33931	239-765-0202 x115	josh@ fortmyersbeachfl.gov
Bob stewart	LEE CO.	1500 Monroe St. FT. MYERS, FL 33902	235-533 6585	Rstewart@LEEGOV.com
Harold Law	City of Sanibel	800 Dunlop Rd Sanibel, FL 33957	239.472-4555	Harold.Law@ MySanibel.Com
Michael Bayle	City of LABelle	481 Hickpochee Ave LaBelle, FL 33935	863 675-2872	mbayle@ city LaBelle.com
Brent Brewster	City of Fort Myers	1825 Henry St Ft Myers FL 33901	239-321-7918	bbrewster@ cityftmyers.com

RiskMAP
Increasing Resilience Together

FEMA

Name	Community/ Organization	Street Address City, State, Zip	Phone Number	E-mail Address
Benjamin Pople	City of Sanibel Planning Dept.	800 Dunlop Rd Sanibel FL 33957	(239) 472-4136	bpp@mysanibel.com
Tim Walker	Southwest Regional Planning Council	1926 Victoria Ave Fort Myers FL 33901	(239) 338-2550 X212	tWalker@swfrpc.org
Sandy Larsen	City of Sanibel	800 Dunlop Rd Sanibel FL 33957	(239) 472-6397	Sandy.larsen@mysanibel.com
Scott Fulton	City of Sanibel Planning Dept.	800 Dunlop Rd. Sanibel, FL 33957	239-472-4136	scott.fulton@mysanibel.com
John Gucciardo	City of Bonita Springs	9101 Bonita Beach Rd Bonita Springs, 34135	239-949-6237	john.gucciardo@cityofbonitasprings.org
Christine Dacko	Lee County	PO Box 398 FM, FL 33902	533-2227	Dist2@leegov.com
STEVE BOUTELLE	LEE COUNTY DNR	"	533-8128	SBoutelle@leegov.com

RiskMAP
Increasing Resilience Together

FEMA

Name	Community/ Organization	Street Address City, State, Zip	Phone Number	E-mail Address
Helena McMullen	Lee County GIS	1500 Monroe St Fort Myers 33901	239-533-8168	hmcmullen@leegov.com
Roland Ottolini	LEE Co NAT. RES	1500 Monroe St " " "	239 533-8127	rottolini@leegov.com
Anura Karunamuni	Lee Co Nat. Res.	" "	239 533 8131	akaruna-muni@leegv.com.
Rick Sosnowski	City of Cape Coral	P.O. Bx 150027	239-574-0587	rsosnowski@capecoral.net
Ben Bailey	City of Fort Myers	1825 Hendry St.	321-7924	BBAILEY@CITYFTMYERS.COM

RiskMAP
Increasing Resilience Together

Appendix C

Discovery Maps (Study Area Map, Coastal Elements & Mitigation Projects (East), Coastal Elements & Mitigation Projects (West), Hazus Average Annualized Loss and RL/SRL Repetitive Loss)

DISCOVERY MAP
Lee & Hendry Counties, Florida

Hazus Average Annualized Loss
(Displayed in Census Blocks)

CHARLOTTE COUNTY

GLADES COUNTY

Charlotte Harbor

City of LaBelle

City of Cape Coral

HENDRY COUNTY

City of Fort Myers

LEE COUNTY

Pine Island Sound

City of Sanibel

Town of Fort Myers Beach

City of Bonita Springs

COLLIER COUNTY

Gulf of Mexico

FLORIDA

Lee County

Hendry County

HAZUS Average Annualized Loss
(Displayed in Census Blocks)

Lee County & Hendry County

- $1 - $250,000
- $250,001 - $1,000,000
- $1,000,001 - $ 2,000,000
- $2,000,001 - $4,000,000
- $4,000,001 - $8,000,000
- $8,000,001 - $ 16,000,000
- Major River or Stream
- Shoreline
- County Boundary
- Community Boundary
- Surrounding County
- Study Area
- Interstate
- US Highway
- State Highway

N

0 1.25 2.5 5 7.5 10 Miles

FEMA

Lee County Hazus Average Annualized Loss by Census Blocks

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710001001000	000100	1000	$104,000	Total
120710001001001	000100	1001	$681,000	Total
120710001001002	000100	1002	$386,000	Total
120710001001003	000100	1003	$467,000	Total
120710001001004	000100	1004	$9,000	Total
120710001001005	000100	1005	$5,000	Total
120710001001006	000100	1006	$137,000	Total
120710001001007	000100	1007	$177,000	Coastal
120710001001008	000100	1008	$93,000	Total
120710001001009	000100	1009	$220,000	Total
120710001001010	000100	1010	$41,000	Total
120710001001011	000100	1011	$79,000	Total
120710001001012	000100	1012	$35,000	Total
120710001001013	000100	1013	$63,000	Total
120710001001014	000100	1014	$149,000	Total
120710001001015	000100	1015	$349,000	Total
120710001001016	000100	1016	$41,000	Total
120710001001017	000100	1017	$70,000	Total
120710001001018	000100	1018	$438,000	Total
120710001001019	000100	1019	$117,000	Total
120710001001020	000100	1020	$143,000	Coastal
120710001001021	000100	1021	$155,000	Total
120710001001022	000100	1022	$33,000	Coastal
120710001001023	000100	1023	$61,000	Coastal
120710001001024	000100	1024	$206,000	Total
120710001001025	000100	1025	$191,000	Total
120710001001026	000100	1026	$475,000	Total
120710001001027	000100	1027	$114,000	Total
120710001001028	000100	1028	$72,000	Total
120710001001029	000100	1029	$154,000	Coastal
120710001001030	000100	1030	$35,000	Coastal
120710001001031	000100	1031	$45,000	Coastal
120710001001032	000100	1032	$40,000	Coastal
120710001001033	000100	1033	$27,000	Coastal
120710001001034	000100	1034	$13,000	Coastal
120710001001035	000100	1035	$8,000	Coastal
120710001001036	000100	1036	$19,000	Coastal
120710001001037	000100	1037	$10,000	Coastal
120710002001000	000200	1000	$281,000	Total
120710002001001	000200	1001	$39,000	Total
120710002001002	000200	1002	$3,004,000	Total
120710002002000	000200	2000	$19,000	Total
120710002002001	000200	2001	$204,000	Total
120710002002002	000200	2002	$139,000	Total
120710002002003	000200	2003	$87,000	Total
120710002002005	000200	2005	$28,000	Total
120710002002006	000200	2006	$21,000	Total
120710002002007	000200	2007	$181,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710002002008	000200	2008	$275,000	Total
120710002002009	000200	2009	$169,000	Total
120710002002010	000200	2010	$36,000	Total
120710002002011	000200	2011	$61,000	Total
120710002002012	000200	2012	$54,000	Total
120710002002013	000200	2013	$40,000	Total
120710002002014	000200	2014	$42,000	Total
120710002002015	000200	2015	$19,000	Total
120710002002017	000200	2017	$6,000	Coastal
120710002003002	000200	3002	$9,000	Coastal
120710002003003	000200	3003	$20,000	Coastal
120710002003004	000200	3004	$38,000	Coastal
120710002003005	000200	3005	$24,000	Coastal
120710002003006	000200	3006	$13,000	Coastal
120710002003007	000200	3007	$1,000	Coastal
120710002003008	000200	3008	$9,000	Coastal
120710002003009	000200	3009	$2,000	Coastal
120710002003015	000200	3015	$4,000	Coastal
120710002003018	000200	3018	$1,000	Coastal
120710003011000	000301	1000	$77,000	Total
120710003011001	000301	1001	$320,000	Total
120710003011002	000301	1002	$14,000	Total
120710003011003	000301	1003	$21,000	Coastal
120710003011004	000301	1004	$14,000	Coastal
120710003011005	000301	1005	$4,000	Coastal
120710003011008	000301	1008	$5,000	Coastal
120710003011009	000301	1009	$5,000	Coastal
120710003011010	000301	1010	$48,000	Coastal
120710003011011	000301	1011	$44,000	Total
120710003011012	000301	1012	$435,000	Total
120710003011013	000301	1013	$256,000	Total
120710003011014	000301	1014	$57,000	Total
120710003011015	000301	1015	$30,000	Coastal
120710003011016	000301	1016	$123,000	Total
120710003011017	000301	1017	$1,369,000	Total
120710003011018	000301	1018	$239,000	Total
120710003011019	000301	1019	$281,000	Total
120710003011020	000301	1020	$31,000	Total
120710003011021	000301	1021	$10,000	Total
120710003011022	000301	1022	$34,000	Coastal
120710003011024	000301	1024	$341,000	Total
120710003012000	000301	2000	$33,000	Coastal
120710003012001	000301	2001	$83,000	Coastal
120710003012002	000301	2002	$8,000	Coastal
120710003012003	000301	2003	$845,000	Total
120710003012004	000301	2004	$13,000	Coastal
120710003012005	000301	2005	$40,000	Total
120710003012006	000301	2006	$15,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710003012007	000301	2007	$5,000	Coastal
120710003012008	000301	2008	$10,000	Coastal
120710003012009	000301	2009	$12,000	Total
120710003012010	000301	2010	$13,000	Coastal
120710003012011	000301	2011	$45,000	Total
120710003013002	000301	3002	$17,000	Coastal
120710003013003	000301	3003	$2,000	Coastal
120710003013004	000301	3004	$19,000	Coastal
120710003013005	000301	3005	$1,000	Coastal
120710003013007	000301	3007	$15,000	Coastal
120710003013008	000301	3008	$11,000	Coastal
120710003013009	000301	3009	$1,000	Coastal
120710003013010	000301	3010	$2,000	Coastal
120710003013011	000301	3011	$1,000	Coastal
120710003013012	000301	3012	$15,000	Coastal
120710003013015	000301	3015	$1,000	Coastal
120710003013017	000301	3017	$1,000	Coastal
120710003014001	000301	4001	$183,000	Total
120710003014002	000301	4002	$38,000	Total
120710003014003	000301	4003	$82,000	Total
120710003014004	000301	4004	$182,000	Total
120710003014005	000301	4005	$257,000	Total
120710003014006	000301	4006	$19,000	Total
120710003014007	000301	4007	$21,000	Total
120710003014008	000301	4008	$34,000	Total
120710003014009	000301	4009	$27,000	Total
120710003014010	000301	4010	$18,000	Total
120710003014011	000301	4011	$68,000	Total
120710003014013	000301	4013	$3,000	Total
120710003014015	000301	4015	$3,000	Coastal
120710003014016	000301	4016	$1,000	Coastal
120710003014017	000301	4017	$8,000	Coastal
120710003014018	000301	4018	$6,000	Coastal
120710003014019	000301	4019	$20,000	Total
120710003014020	000301	4020	$23,000	Coastal
120710003014026	000301	4026	$1,000	Coastal
120710003014029	000301	4029	$4,000	Coastal
120710003021004	000302	1004	$2,000	Coastal
120710003021005	000302	1005	$1,000	Coastal
120710003021006	000302	1006	$9,000	Total
120710003021007	000302	1007	$2,000	Coastal
120710003021008	000302	1008	$7,000	Coastal
120710003021009	000302	1009	$2,000	Coastal
120710003021010	000302	1010	$30,000	Coastal
120710003021011	000302	1011	$18,000	Coastal
120710003021012	000302	1012	$22,000	Total
120710003021013	000302	1013	$178,000	Total
120710003021014	000302	1014	$538,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710003021015	000302	1015	$184,000	Total
120710003021016	000302	1016	$38,000	Total
120710003021017	000302	1017	$10,000	Coastal
120710003021018	000302	1018	$3,000	Coastal
120710003021019	000302	1019	$6,000	Coastal
120710003021020	000302	1020	$2,000	Coastal
120710003021021	000302	1021	$2,000	Coastal
120710003021022	000302	1022	$10,000	Coastal
120710003021023	000302	1023	$2,000	Coastal
120710003021024	000302	1024	$3,000	Total
120710003021025	000302	1025	$38,000	Total
120710003021026	000302	1026	$5,000	Coastal
120710003021027	000302	1027	$13,000	Coastal
120710003022000	000302	2000	$4,000	Coastal
120710003022001	000302	2001	$2,000	Coastal
120710003022002	000302	2002	$1,000	Coastal
120710003022003	000302	2003	$3,000	Coastal
120710003022005	000302	2005	$1,000	Coastal
120710003022006	000302	2006	$3,000	Coastal
120710003022007	000302	2007	$4,000	Coastal
120710003022008	000302	2008	$6,000	Coastal
120710003022009	000302	2009	$6,000	Coastal
120710003022010	000302	2010	$2,000	Coastal
120710003022011	000302	2011	$2,000	Coastal
120710003022012	000302	2012	$2,000	Coastal
120710003022013	000302	2013	$4,000	Coastal
120710003022014	000302	2014	$10,000	Coastal
120710003022015	000302	2015	$6,000	Coastal
120710003022016	000302	2016	$280,000	Total
120710003022017	000302	2017	$85,000	Total
120710003022018	000302	2018	$29,000	Total
120710003022019	000302	2019	$9,000	Total
120710003022020	000302	2020	$11,000	Coastal
120710003022021	000302	2021	$2,000	Coastal
120710003022022	000302	2022	$6,000	Coastal
120710003022023	000302	2023	$18,000	Coastal
120710003023001	000302	3001	$28,000	Coastal
120710003023002	000302	3002	$8,000	Coastal
120710003023003	000302	3003	$2,000	Coastal
120710003023004	000302	3004	$1,000	Coastal
120710003023006	000302	3006	$1,000	Coastal
120710003023010	000302	3010	$2,000	Coastal
120710003023011	000302	3011	$170,000	Total
120710003023013	000302	3013	$4,000	Total
120710003023014	000302	3014	$2,000	Coastal
120710003023015	000302	3015	$1,000	Coastal
120710003023018	000302	3018	$2,000	Coastal
120710003023019	000302	3019	$2,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710003023021	000302	3021	$3,000	Coastal
120710003023022	000302	3022	$1,000	Coastal
120710003023024	000302	3024	$1,000	Coastal
120710003023025	000302	3025	$404,000	Total
120710003024007	000302	4007	$4,000	Coastal
120710003024008	000302	4008	$19,000	Coastal
120710003024010	000302	4010	$19,000	Coastal
120710003024012	000302	4012	$30,000	Total
120710003024013	000302	4013	$2,000	Total
120710003024014	000302	4014	$128,000	Total
120710004011000	000401	1000	$200,000	Total
120710004011001	000401	1001	$124,000	Total
120710004011002	000401	1002	$30,000	Total
120710004011003	000401	1003	$82,000	Total
120710004011004	000401	1004	$123,000	Total
120710004011005	000401	1005	$105,000	Total
120710004011006	000401	1006	$107,000	Total
120710004011007	000401	1007	$88,000	Total
120710004011009	000401	1009	$31,000	Total
120710004011010	000401	1010	$3,000	Coastal
120710004011011	000401	1011	$2,000	Coastal
120710004011013	000401	1013	$3,000	Coastal
120710004011017	000401	1017	$3,000	Coastal
120710004011018	000401	1018	$5,000	Coastal
120710004012000	000401	2000	$363,000	Total
120710004012001	000401	2001	$430,000	Total
120710004012002	000401	2002	$7,000	Total
120710004012003	000401	2003	$30,000	Coastal
120710004012004	000401	2004	$40,000	Total
120710004012005	000401	2005	$35,000	Total
120710004012006	000401	2006	$38,000	Total
120710004012008	000401	2008	$4,000	Coastal
120710004012010	000401	2010	$1,000	Coastal
120710004012011	000401	2011	$53,000	Coastal
120710004012012	000401	2012	$63,000	Total
120710004012013	000401	2013	$243,000	Total
120710004012014	000401	2014	$78,000	Total
120710004012015	000401	2015	$32,000	Coastal
120710004012016	000401	2016	$45,000	Coastal
120710004012017	000401	2017	$3,000	Coastal
120710004012018	000401	2018	$6,000	Coastal
120710004012019	000401	2019	$7,000	Coastal
120710004021000	000402	1000	$147,000	Total
120710004021001	000402	1001	$394,000	Total
120710004021002	000402	1002	$42,000	Total
120710004021004	000402	1004	$1,373,000	Total
120710004021005	000402	1005	$412,000	Total
120710004021006	000402	1006	$16,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710004021007	000402	1007	$1,000	Coastal
120710005021000	000502	1000	$1,000	Coastal
120710005022002	000502	2002	$6,000	Coastal
120710005022003	000502	2003	$5,000	Coastal
120710005022005	000502	2005	$3,000	Coastal
120710005022006	000502	2006	$1,000	Coastal
120710005022011	000502	2011	$1,000	Coastal
120710005022012	000502	2012	$8,000	Coastal
120710005022015	000502	2015	$1,000	Coastal
120710005022016	000502	2016	$2,000	Coastal
120710005022017	000502	2017	$1,000	Coastal
120710005022018	000502	2018	$1,000	Coastal
120710005023000	000502	3000	$2,000	Total
120710005023010	000502	3010	$1,000	Riverine
120710005023011	000502	3011	$3,000	Riverine
120710005023012	000502	3012	$1,000	Riverine
120710005023017	000502	3017	$2,000	Riverine
120710005023018	000502	3018	$2,000	Riverine
120710005023019	000502	3019	$6,000	Riverine
120710005023021	000502	3021	$14,000	Riverine
120710005023022	000502	3022	$2,000	Riverine
120710005024002	000502	4002	$118,000	Total
120710005026000	000502	6000	$6,000	Riverine
120710005031000	000503	1000	$297,000	Total
120710005031001	000503	1001	$3,000	Total
120710005031002	000503	1002	$35,000	Total
120710005031003	000503	1003	$326,000	Total
120710005031005	000503	1005	$84,000	Total
120710005031006	000503	1006	$56,000	Total
120710005031007	000503	1007	$106,000	Total
120710005031008	000503	1008	$110,000	Total
120710005031009	000503	1009	$13,000	Coastal
120710005032000	000503	2000	$60,000	Total
120710005032001	000503	2001	$23,000	Total
120710005032002	000503	2002	$8,000	Total
120710005032003	000503	2003	$11,000	Total
120710005032004	000503	2004	$1,000	Total
120710005032005	000503	2005	$10,000	Total
120710005032006	000503	2006	$33,000	Total
120710005032007	000503	2007	$176,000	Total
120710005032008	000503	2008	$46,000	Total
120710005032009	000503	2009	$3,000	Coastal
120710005032010	000503	2010	$1,000	Coastal
120710005032011	000503	2011	$4,000	Coastal
120710005032017	000503	2017	$2,000	Coastal
120710005032019	000503	2019	$2,000	Total
120710005032020	000503	2020	$6,000	Total
120710005032021	000503	2021	$8,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710005032022	000503	2022	$9,000	Total
120710005032023	000503	2023	$3,000	Total
120710005032024	000503	2024	$2,000	Total
120710005033001	000503	3001	$25,000	Total
120710005033002	000503	3002	$7,000	Total
120710005033003	000503	3003	$7,000	Coastal
120710005033004	000503	3004	$13,000	Coastal
120710005033006	000503	3006	$272,000	Total
120710005033007	000503	3007	$69,000	Total
120710005033008	000503	3008	$57,000	Total
120710005033009	000503	3009	$48,000	Total
120710005033011	000503	3011	$1,000	Coastal
120710005033015	000503	3015	$2,000	Total
120710005041000	000504	1000	$71,000	Coastal
120710005041001	000504	1001	$3,000	Coastal
120710005041002	000504	1002	$7,000	Coastal
120710005041003	000504	1003	$2,000	Coastal
120710006003000	000600	3000	$1,000	Riverine
120710006004001	000600	4001	$2,000	Riverine
120710006004002	000600	4002	$8,000	Riverine
120710006004004	000600	4004	$3,000	Riverine
120710006004007	000600	4007	$4,000	Riverine
120710006004008	000600	4008	$3,000	Riverine
120710006004009	000600	4009	$2,000	Riverine
120710006004011	000600	4011	$41,000	Riverine
120710006004012	000600	4012	$25,000	Riverine
120710006004014	000600	4014	$11,000	Riverine
120710006004015	000600	4015	$5,000	Riverine
120710006004016	000600	4016	$4,000	Riverine
120710006004017	000600	4017	$1,000	Riverine
120710006004018	000600	4018	$4,000	Riverine
120710006004019	000600	4019	$5,000	Riverine
120710006004020	000600	4020	$3,000	Riverine
120710006004021	000600	4021	$50,000	Riverine
120710006004028	000600	4028	$101,000	Riverine
120710006004029	000600	4029	$10,000	Riverine
120710007001001	000700	1001	$1,000	Coastal
120710007001002	000700	1002	$4,000	Coastal
120710007001003	000700	1003	$17,000	Coastal
120710007001004	000700	1004	$6,000	Coastal
120710007003005	000700	3005	$2,000	Coastal
120710007003006	000700	3006	$4,000	Coastal
120710007003010	000700	3010	$11,000	Coastal
120710008001000	000800	1000	$925,000	Total
120710008001001	000800	1001	$367,000	Total
120710008001002	000800	1002	$26,000	Total
120710008001004	000800	1004	$226,000	Total
120710008001005	000800	1005	$258,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710008001006	000800	1006	$5,000	Total
120710008001007	000800	1007	$739,000	Total
120710008001008	000800	1008	$2,219,000	Total
120710008001009	000800	1009	$32,000	Total
120710008001010	000800	1010	$121,000	Total
120710008001011	000800	1011	$1,795,000	Total
120710008002000	000800	2000	$58,000	Coastal
120710008002001	000800	2001	$17,000	Coastal
120710008002002	000800	2002	$25,000	Coastal
120710008002003	000800	2003	$18,000	Coastal
120710008002005	000800	2005	$3,000	Coastal
120710008002006	000800	2006	$2,000	Coastal
120710008002014	000800	2014	$52,000	Coastal
120710008003003	000800	3003	$1,000	Coastal
120710008003004	000800	3004	$6,000	Coastal
120710008003005	000800	3005	$41,000	Total
120710008003016	000800	3016	$84,000	Coastal
120710008003021	000800	3021	$2,000	Coastal
120710008003022	000800	3022	$9,000	Total
120710009001000	000900	1000	$14,000	Total
120710009001001	000900	1001	$115,000	Total
120710009001002	000900	1002	$42,000	Total
120710009001003	000900	1003	$77,000	Total
120710009001004	000900	1004	$121,000	Total
120710009001005	000900	1005	$11,000	Total
120710009001006	000900	1006	$39,000	Total
120710009001007	000900	1007	$516,000	Total
120710009001008	000900	1008	$22,000	Total
120710009001009	000900	1009	$49,000	Total
120710009001010	000900	1010	$23,000	Total
120710009001011	000900	1011	$3,000	Coastal
120710009001012	000900	1012	$31,000	Total
120710009001013	000900	1013	$244,000	Total
120710009001014	000900	1014	$213,000	Total
120710009001015	000900	1015	$61,000	Total
120710009001016	000900	1016	$602,000	Total
120710009001017	000900	1017	$70,000	Total
120710009001019	000900	1019	$2,000	Coastal
120710009001020	000900	1020	$6,000	Coastal
120710009001021	000900	1021	$11,000	Coastal
120710009001022	000900	1022	$39,000	Total
120710009001023	000900	1023	$40,000	Total
120710009001024	000900	1024	$15,000	Coastal
120710009001025	000900	1025	$6,000	Coastal
120710009001026	000900	1026	$11,000	Coastal
120710009001027	000900	1027	$8,000	Coastal
120710009001028	000900	1028	$16,000	Total
120710009001029	000900	1029	$37,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710009001030	000900	1030	$12,000	Coastal
120710009001032	000900	1032	$161,000	Total
120710009001033	000900	1033	$113,000	Total
120710009002000	000900	2000	$335,000	Total
120710009002001	000900	2001	$269,000	Total
120710009002002	000900	2002	$81,000	Total
120710009002003	000900	2003	$31,000	Total
120710009002004	000900	2004	$32,000	Total
120710009002005	000900	2005	$119,000	Total
120710009002006	000900	2006	$140,000	Total
120710009002007	000900	2007	$237,000	Total
120710009002008	000900	2008	$149,000	Total
120710009002009	000900	2009	$66,000	Total
120710009002010	000900	2010	$62,000	Total
120710009002011	000900	2011	$54,000	Total
120710009002012	000900	2012	$646,000	Total
120710009002013	000900	2013	$165,000	Total
120710009002014	000900	2014	$232,000	Total
120710009002015	000900	2015	$826,000	Total
120710009002016	000900	2016	$147,000	Total
120710009002017	000900	2017	$109,000	Total
120710009003000	000900	3000	$1,000	Total
120710009003001	000900	3001	$343,000	Total
120710009003003	000900	3003	$19,000	Total
120710009003004	000900	3004	$3,000	Coastal
120710009003005	000900	3005	$203,000	Total
120710009003006	000900	3006	$757,000	Total
120710009003007	000900	3007	$433,000	Total
120710009003008	000900	3008	$210,000	Total
120710009003009	000900	3009	$30,000	Total
120710009003010	000900	3010	$184,000	Total
120710009003011	000900	3011	$17,000	Total
120710009003012	000900	3012	$6,000	Coastal
120710009003013	000900	3013	$25,000	Total
120710009003014	000900	3014	$183,000	Total
120710009003015	000900	3015	$52,000	Total
120710009003016	000900	3016	$317,000	Total
120710009003017	000900	3017	$24,000	Total
120710009003018	000900	3018	$21,000	Total
120710009003019	000900	3019	$217,000	Total
120710009003020	000900	3020	$118,000	Total
120710009003021	000900	3021	$212,000	Total
120710009003022	000900	3022	$139,000	Total
120710010001001	001000	1001	$25,000	Total
120710010001002	001000	1002	$27,000	Total
120710010001003	001000	1003	$9,000	Total
120710010001004	001000	1004	$24,000	Total
120710010001005	001000	1005	$3,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710010001006	001000	1006	$10,000	Coastal
120710010001007	001000	1007	$2,000	Coastal
120710010001009	001000	1009	$3,000	Coastal
120710010001010	001000	1010	$7,000	Coastal
120710010001011	001000	1011	$6,000	Coastal
120710010001012	001000	1012	$4,000	Coastal
120710010001013	001000	1013	$3,000	Coastal
120710010001014	001000	1014	$3,000	Coastal
120710010001016	001000	1016	$4,000	Coastal
120710010001017	001000	1017	$1,000	Coastal
120710010001018	001000	1018	$8,000	Coastal
120710010001019	001000	1019	$6,000	Coastal
120710010001021	001000	1021	$1,000	Coastal
120710010001023	001000	1023	$7,000	Coastal
120710010001024	001000	1024	$1,000	Coastal
120710010002000	001000	2000	$273,000	Coastal
120710010003000	001000	3000	$4,000	Coastal
120710010003001	001000	3001	$3,000	Coastal
120710010003004	001000	3004	$2,000	Coastal
120710010003005	001000	3005	$1,000	Coastal
120710010003008	001000	3008	$2,000	Coastal
120710010003009	001000	3009	$1,000	Coastal
120710010003013	001000	3013	$1,000	Coastal
120710010005000	001000	5000	$1,000	Coastal
120710010006002	001000	6002	$2,000	Coastal
120710010006003	001000	6003	$7,000	Coastal
120710010006005	001000	6005	$3,000	Coastal
120710010006006	001000	6006	$7,000	Coastal
120710010006007	001000	6007	$7,000	Coastal
120710010006008	001000	6008	$3,000	Coastal
120710010006009	001000	6009	$2,000	Coastal
120710010006010	001000	6010	$2,000	Coastal
120710010006020	001000	6020	$1,000	Coastal
120710010007001	001000	7001	$2,000	Coastal
120710010007002	001000	7002	$11,000	Coastal
120710010007003	001000	7003	$7,000	Coastal
120710010007009	001000	7009	$15,000	Coastal
120710010007010	001000	7010	$1,000	Coastal
120710010007012	001000	7012	$3,000	Coastal
120710010007014	001000	7014	$1,000	Coastal
120710012011000	001201	1000	$53,000	Riverine
120710012011001	001201	1001	$7,000	Riverine
120710012011002	001201	1002	$1,000	Riverine
120710012011004	001201	1004	$5,000	Riverine
120710012021034	001202	1034	$1,000	Riverine
120710012021037	001202	1037	$52,000	Riverine
120710012021040	001202	1040	$19,000	Riverine
120710012021041	001202	1041	$28,000	Riverine

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710012021042	001202	1042	$9,000	Riverine
120710012021043	001202	1043	$3,000	Riverine
120710012021044	001202	1044	$12,000	Riverine
120710012021045	001202	1045	$4,000	Riverine
120710012021046	001202	1046	$223,000	Total
120710012021047	001202	1047	$11,000	Riverine
120710012021048	001202	1048	$50,000	Total
120710012021059	001202	1059	$1,000	Coastal
120710012021074	001202	1074	$49,000	Coastal
120710012021075	001202	1075	$11,000	Coastal
120710013002000	001300	2000	$84,000	Total
120710013002001	001300	2001	$7,000	Coastal
120710013002003	001300	2003	$7,000	Coastal
120710013002004	001300	2004	$3,000	Coastal
120710013002005	001300	2005	$130,000	Coastal
120710013002006	001300	2006	$4,000	Coastal
120710013002011	001300	2011	$132,000	Coastal
120710013002013	001300	2013	$19,000	Coastal
120710013002014	001300	2014	$4,000	Coastal
120710013002015	001300	2015	$101,000	Coastal
120710013002016	001300	2016	$2,000	Coastal
120710014001000	001400	1000	$56,000	Coastal
120710014001001	001400	1001	$47,000	Coastal
120710014001002	001400	1002	$105,000	Coastal
120710014001003	001400	1003	$28,000	Coastal
120710014001004	001400	1004	$26,000	Coastal
120710014001005	001400	1005	$9,000	Coastal
120710014001006	001400	1006	$6,000	Coastal
120710014001008	001400	1008	$54,000	Coastal
120710014001009	001400	1009	$24,000	Coastal
120710014001010	001400	1010	$27,000	Coastal
120710014001012	001400	1012	$16,000	Coastal
120710014002000	001400	2000	$98,000	Coastal
120710014002001	001400	2001	$5,000	Coastal
120710014002002	001400	2002	$33,000	Coastal
120710014002003	001400	2003	$13,000	Coastal
120710014002004	001400	2004	$23,000	Coastal
120710014002005	001400	2005	$170,000	Coastal
120710014002006	001400	2006	$22,000	Coastal
120710014002007	001400	2007	$20,000	Coastal
120710014002008	001400	2008	$43,000	Coastal
120710014002009	001400	2009	$41,000	Coastal
120710014002010	001400	2010	$46,000	Coastal
120710014002012	001400	2012	$16,000	Coastal
120710014002013	001400	2013	$2,000	Coastal
120710014002014	001400	2014	$141,000	Coastal
120710014002015	001400	2015	$6,000	Coastal
120710014002016	001400	2016	$3,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710014002018	001400	2018	$2,000	Coastal
120710014002019	001400	2019	$34,000	Coastal
120710014003000	001400	3000	$318,000	Coastal
120710014003001	001400	3001	$32,000	Coastal
120710014003002	001400	3002	$27,000	Coastal
120710014003003	001400	3003	$71,000	Coastal
120710014003005	001400	3005	$20,000	Coastal
120710014003007	001400	3007	$147,000	Coastal
120710014003008	001400	3008	$325,000	Coastal
120710014003010	001400	3010	$1,000	Coastal
120710014003011	001400	3011	$21,000	Coastal
120710014003012	001400	3012	$30,000	Coastal
120710014003013	001400	3013	$1,000	Coastal
120710014004000	001400	4000	$34,000	Coastal
120710014004003	001400	4003	$1,000	Coastal
120710014005000	001400	5000	$14,000	Coastal
120710014005001	001400	5001	$53,000	Coastal
120710014005002	001400	5002	$21,000	Coastal
120710014005003	001400	5003	$209,000	Total
120710014005004	001400	5004	$32,000	Coastal
120710014005005	001400	5005	$33,000	Coastal
120710014005006	001400	5006	$53,000	Total
120710014005008	001400	5008	$146,000	Total
120710014005009	001400	5009	$104,000	Total
120710014005010	001400	5010	$774,000	Total
120710014005011	001400	5011	$144,000	Total
120710014005012	001400	5012	$29,000	Coastal
120710014005013	001400	5013	$34,000	Coastal
120710014005014	001400	5014	$79,000	Coastal
120710014005015	001400	5015	$20,000	Coastal
120710014005016	001400	5016	$179,000	Total
120710014005017	001400	5017	$19,000	Coastal
120710014006000	001400	6000	$30,000	Coastal
120710014006001	001400	6001	$68,000	Coastal
120710014006002	001400	6002	$35,000	Coastal
120710014007000	001400	7000	$83,000	Coastal
120710014007001	001400	7001	$4,000	Coastal
120710015011000	001501	1000	$4,393,000	Total
120710015011001	001501	1001	$67,000	Coastal
120710015011002	001501	1002	$140,000	Coastal
120710015011003	001501	1003	$104,000	Coastal
120710015011004	001501	1004	$217,000	Coastal
120710015011005	001501	1005	$172,000	Coastal
120710015011006	001501	1006	$137,000	Coastal
120710015011007	001501	1007	$147,000	Coastal
120710015011009	001501	1009	$14,000	Coastal
120710015011010	001501	1010	$158,000	Coastal
120710015011011	001501	1011	$390,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710015011012	001501	1012	$169,000	Coastal
120710015011013	001501	1013	$125,000	Coastal
120710015011014	001501	1014	$144,000	Coastal
120710015011015	001501	1015	$1,983,000	Total
120710015012000	001501	2000	$50,000	Coastal
120710015012002	001501	2002	$17,000	Coastal
120710015012003	001501	2003	$346,000	Coastal
120710015012004	001501	2004	$25,000	Coastal
120710015012005	001501	2005	$5,112,000	Coastal
120710015012006	001501	2006	$74,000	Coastal
120710015012007	001501	2007	$6,000	Coastal
120710015012008	001501	2008	$336,000	Coastal
120710015012009	001501	2009	$34,000	Coastal
120710015012010	001501	2010	$105,000	Coastal
120710015021000	001502	1000	$24,000	Coastal
120710015021001	001502	1001	$45,000	Coastal
120710015021002	001502	1002	$37,000	Coastal
120710015021003	001502	1003	$33,000	Coastal
120710015021004	001502	1004	$32,000	Coastal
120710015022000	001502	2000	$2,000	Coastal
120710015022002	001502	2002	$3,000	Coastal
120710015022003	001502	2003	$4,000	Coastal
120710015022004	001502	2004	$10,000	Coastal
120710015022005	001502	2005	$7,000	Coastal
120710015022006	001502	2006	$17,000	Coastal
120710015022007	001502	2007	$21,000	Coastal
120710015022008	001502	2008	$16,000	Coastal
120710015022009	001502	2009	$14,000	Coastal
120710015022010	001502	2010	$8,000	Coastal
120710015022011	001502	2011	$16,000	Coastal
120710015022012	001502	2012	$8,000	Coastal
120710015022013	001502	2013	$5,000	Coastal
120710015022014	001502	2014	$4,000	Coastal
120710015023000	001502	3000	$14,000	Coastal
120710015023001	001502	3001	$8,000	Coastal
120710015023002	001502	3002	$10,000	Coastal
120710015023003	001502	3003	$11,000	Coastal
120710015023004	001502	3004	$37,000	Coastal
120710015023005	001502	3005	$38,000	Coastal
120710015023006	001502	3006	$42,000	Coastal
120710015023007	001502	3007	$355,000	Coastal
120710015023009	001502	3009	$170,000	Coastal
120710015024000	001502	4000	$4,503,000	Coastal
120710015024001	001502	4001	$424,000	Coastal
120710015024002	001502	4002	$144,000	Coastal
120710015024003	001502	4003	$8,000	Coastal
120710015024004	001502	4004	$10,000	Coastal
120710015024005	001502	4005	$16,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710015024006	001502	4006	$62,000	Coastal
120710015024009	001502	4009	$10,000	Coastal
120710016011000	001601	1000	$15,000	Coastal
120710016011001	001601	1001	$150,000	Coastal
120710016011002	001601	1002	$16,000	Coastal
120710016011003	001601	1003	$20,000	Coastal
120710016011004	001601	1004	$56,000	Coastal
120710016011005	001601	1005	$23,000	Coastal
120710016011006	001601	1006	$98,000	Coastal
120710016011007	001601	1007	$23,000	Coastal
120710016011008	001601	1008	$64,000	Coastal
120710016011009	001601	1009	$15,000	Coastal
120710016011010	001601	1010	$21,000	Coastal
120710016011011	001601	1011	$18,000	Coastal
120710016011012	001601	1012	$31,000	Coastal
120710016011013	001601	1013	$17,000	Coastal
120710016011014	001601	1014	$35,000	Coastal
120710016011015	001601	1015	$21,000	Coastal
120710016011016	001601	1016	$470,000	Coastal
120710016011018	001601	1018	$33,000	Coastal
120710016011019	001601	1019	$20,000	Coastal
120710016011020	001601	1020	$14,000	Coastal
120710016011021	001601	1021	$16,000	Coastal
120710016011022	001601	1022	$6,000	Coastal
120710016012000	001601	2000	$52,000	Coastal
120710016012001	001601	2001	$46,000	Coastal
120710016012002	001601	2002	$10,000	Coastal
120710016012003	001601	2003	$17,000	Coastal
120710016012004	001601	2004	$21,000	Coastal
120710016012005	001601	2005	$34,000	Coastal
120710016012006	001601	2006	$84,000	Coastal
120710016012007	001601	2007	$15,000	Coastal
120710016012008	001601	2008	$7,000	Coastal
120710016012009	001601	2009	$16,000	Coastal
120710016012010	001601	2010	$11,000	Coastal
120710016012011	001601	2011	$19,000	Coastal
120710016012012	001601	2012	$27,000	Coastal
120710016012013	001601	2013	$23,000	Coastal
120710016012014	001601	2014	$39,000	Coastal
120710016013000	001601	3000	$180,000	Total
120710016013001	001601	3001	$22,000	Total
120710016013002	001601	3002	$62,000	Total
120710016013003	001601	3003	$25,000	Total
120710016013004	001601	3004	$85,000	Total
120710016013005	001601	3005	$132,000	Total
120710016013006	001601	3006	$29,000	Total
120710016013007	001601	3007	$41,000	Total
120710016013008	001601	3008	$37,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710016013009	001601	3009	$21,000	Total
120710016013010	001601	3010	$23,000	Total
120710016013011	001601	3011	$24,000	Total
120710016013012	001601	3012	$28,000	Coastal
120710016013013	001601	3013	$27,000	Coastal
120710016013014	001601	3014	$16,000	Total
120710016013015	001601	3015	$15,000	Total
120710016013016	001601	3016	$30,000	Total
120710016013017	001601	3017	$15,000	Total
120710016013018	001601	3018	$34,000	Coastal
120710016013019	001601	3019	$22,000	Coastal
120710016013020	001601	3020	$32,000	Coastal
120710016013021	001601	3021	$31,000	Coastal
120710016013022	001601	3022	$16,000	Total
120710016013023	001601	3023	$39,000	Total
120710016013024	001601	3024	$26,000	Total
120710016014000	001601	4000	$7,000	Total
120710016014001	001601	4001	$238,000	Total
120710016014002	001601	4002	$3,000	Coastal
120710016014003	001601	4003	$39,000	Coastal
120710016014004	001601	4004	$43,000	Total
120710016014006	001601	4006	$68,000	Total
120710016014007	001601	4007	$10,000	Total
120710016014010	001601	4010	$95,000	Total
120710016014015	001601	4015	$696,000	Total
120710016021000	001602	1000	$9,000	Total
120710016021001	001602	1001	$10,000	Total
120710016021002	001602	1002	$1,451,000	Total
120710016021003	001602	1003	$31,000	Total
120710016021004	001602	1004	$20,000	Total
120710016021005	001602	1005	$186,000	Coastal
120710016021006	001602	1006	$939,000	Coastal
120710016021007	001602	1007	$882,000	Coastal
120710016021008	001602	1008	$1,070,000	Coastal
120710016021009	001602	1009	$79,000	Coastal
120710016021010	001602	1010	$1,000	Coastal
120710016022001	001602	2001	$1,302,000	Coastal
120710016022002	001602	2002	$14,000	Coastal
120710016022003	001602	2003	$92,000	Coastal
120710016022004	001602	2004	$1,324,000	Coastal
120710016022005	001602	2005	$225,000	Coastal
120710016022006	001602	2006	$112,000	Coastal
120710016022019	001602	2019	$62,000	Coastal
120710016022022	001602	2022	$3,000	Coastal
120710016022024	001602	2024	$54,000	Coastal
120710016022025	001602	2025	$69,000	Coastal
120710016022029	001602	2029	$6,000	Coastal
120710016022030	001602	2030	$6,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710016022031	001602	2031	$2,000	Coastal
120710016022032	001602	2032	$7,000	Coastal
120710017011000	001701	1000	$938,000	Total
120710017011001	001701	1001	$655,000	Total
120710017011002	001701	1002	$229,000	Coastal
120710017011003	001701	1003	$349,000	Coastal
120710017011004	001701	1004	$710,000	Coastal
120710017011005	001701	1005	$1,871,000	Total
120710017011006	001701	1006	$218,000	Coastal
120710017011007	001701	1007	$305,000	Coastal
120710017011008	001701	1008	$24,000	Coastal
120710017011009	001701	1009	$172,000	Coastal
120710017011010	001701	1010	$246,000	Coastal
120710017012000	001701	2000	$4,194,000	Total
120710017012002	001701	2002	$240,000	Coastal
120710017012003	001701	2003	$88,000	Coastal
120710017012004	001701	2004	$1,418,000	Coastal
120710017012005	001701	2005	$88,000	Coastal
120710017012006	001701	2006	$1,183,000	Coastal
120710017012007	001701	2007	$18,000	Coastal
120710017012008	001701	2008	$105,000	Coastal
120710017012009	001701	2009	$117,000	Coastal
120710017012010	001701	2010	$213,000	Coastal
120710017012011	001701	2011	$57,000	Coastal
120710017012012	001701	2012	$20,000	Coastal
120710017012013	001701	2013	$460,000	Coastal
120710017012014	001701	2014	$563,000	Coastal
120710017012015	001701	2015	$108,000	Coastal
120710017012016	001701	2016	$120,000	Coastal
120710017012017	001701	2017	$106,000	Coastal
120710017012018	001701	2018	$300,000	Coastal
120710017012019	001701	2019	$119,000	Coastal
120710017012020	001701	2020	$510,000	Coastal
120710017013000	001701	3000	$12,240,000	Coastal
120710017013001	001701	3001	$3,246,000	Coastal
120710017013002	001701	3002	$79,000	Coastal
120710017013004	001701	3004	$98,000	Coastal
120710017013005	001701	3005	$420,000	Coastal
120710017013006	001701	3006	$1,297,000	Coastal
120710017013007	001701	3007	$493,000	Coastal
120710017031000	001703	1000	$5,865,000	Coastal
120710017031001	001703	1001	$1,093,000	Coastal
120710017031002	001703	1002	$737,000	Coastal
120710017031003	001703	1003	$73,000	Coastal
120710017031004	001703	1004	$147,000	Coastal
120710017031005	001703	1005	$89,000	Coastal
120710017031007	001703	1007	$486,000	Coastal
120710017031008	001703	1008	$299,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710017031009	001703	1009	$305,000	Coastal
120710017031013	001703	1013	$493,000	Coastal
120710017031015	001703	1015	$99,000	Coastal
120710017031016	001703	1016	$79,000	Coastal
120710017031018	001703	1018	$110,000	Coastal
120710017032000	001703	2000	$601,000	Coastal
120710017032001	001703	2001	$2,662,000	Coastal
120710017032003	001703	2003	$6,877,000	Total
120710017032004	001703	2004	$91,000	Coastal
120710017032005	001703	2005	$322,000	Coastal
120710017032006	001703	2006	$179,000	Coastal
120710017032007	001703	2007	$544,000	Total
120710017032008	001703	2008	$34,000	Total
120710017032010	001703	2010	$135,000	Coastal
120710017033000	001703	3000	$3,344,000	Total
120710017033001	001703	3001	$219,000	Total
120710017033002	001703	3002	$155,000	Total
120710017033003	001703	3003	$136,000	Total
120710017033004	001703	3004	$244,000	Total
120710017033005	001703	3005	$10,000	Coastal
120710017033008	001703	3008	$258,000	Total
120710017033009	001703	3009	$95,000	Total
120710017033010	001703	3010	$181,000	Coastal
120710017041000	001704	1000	$2,682,000	Total
120710017041001	001704	1001	$25,000	Coastal
120710017041002	001704	1002	$605,000	Total
120710017041003	001704	1003	$2,003,000	Total
120710017041004	001704	1004	$52,000	Total
120710017041005	001704	1005	$47,000	Total
120710017041006	001704	1006	$44,000	Coastal
120710017041007	001704	1007	$61,000	Coastal
120710017041008	001704	1008	$95,000	Coastal
120710017041009	001704	1009	$63,000	Coastal
120710017041010	001704	1010	$75,000	Coastal
120710017041011	001704	1011	$93,000	Coastal
120710017041012	001704	1012	$187,000	Total
120710017041013	001704	1013	$198,000	Total
120710017041014	001704	1014	$21,000	Total
120710017042000	001704	2000	$2,799,000	Coastal
120710017042001	001704	2001	$159,000	Coastal
120710017042002	001704	2002	$257,000	Coastal
120710017042003	001704	2003	$248,000	Coastal
120710017042004	001704	2004	$282,000	Coastal
120710017042005	001704	2005	$113,000	Total
120710017042006	001704	2006	$356,000	Total
120710017042007	001704	2007	$391,000	Total
120710017042008	001704	2008	$31,000	Total
120710017042009	001704	2009	$115,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710017042010	001704	2010	$133,000	Total
120710017042011	001704	2011	$82,000	Coastal
120710017042012	001704	2012	$99,000	Total
120710017042013	001704	2013	$271,000	Total
120710017042015	001704	2015	$1,118,000	Total
120710017042016	001704	2016	$117,000	Total
120710017043000	001704	3000	$924,000	Total
120710017043001	001704	3001	$100,000	Coastal
120710017043002	001704	3002	$174,000	Coastal
120710017043003	001704	3003	$318,000	Coastal
120710017043004	001704	3004	$132,000	Total
120710017043005	001704	3005	$218,000	Total
120710017043006	001704	3006	$104,000	Total
120710017043007	001704	3007	$172,000	Total
120710017043008	001704	3008	$165,000	Total
120710017043009	001704	3009	$275,000	Coastal
120710017043010	001704	3010	$210,000	Coastal
120710017043012	001704	3012	$171,000	Coastal
120710017043013	001704	3013	$115,000	Coastal
120710017044000	001704	4000	$6,459,000	Total
120710017044001	001704	4001	$158,000	Coastal
120710017044002	001704	4002	$161,000	Coastal
120710017044003	001704	4003	$176,000	Coastal
120710017044004	001704	4004	$876,000	Coastal
120710017044005	001704	4005	$142,000	Coastal
120710017044006	001704	4006	$77,000	Coastal
120710017044007	001704	4007	$679,000	Total
120710017044008	001704	4008	$98,000	Coastal
120710017044009	001704	4009	$240,000	Total
120710017044010	001704	4010	$168,000	Total
120710017044012	001704	4012	$72,000	Total
120710017044013	001704	4013	$195,000	Total
120710017044014	001704	4014	$150,000	Total
120710017044015	001704	4015	$141,000	Total
120710017044016	001704	4016	$187,000	Total
120710017044017	001704	4017	$198,000	Total
120710017044018	001704	4018	$135,000	Total
120710017044019	001704	4019	$45,000	Total
120710017044020	001704	4020	$382,000	Coastal
120710017044021	001704	4021	$135,000	Coastal
120710017044022	001704	4022	$290,000	Coastal
120710017051001	001705	1001	$7,012,000	Total
120710017051002	001705	1002	$200,000	Coastal
120710017051003	001705	1003	$111,000	Coastal
120710017051004	001705	1004	$210,000	Coastal
120710017051005	001705	1005	$187,000	Coastal
120710017051006	001705	1006	$227,000	Coastal
120710017051007	001705	1007	$160,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710017051008	001705	1008	$138,000	Total
120710017051009	001705	1009	$36,000	Total
120710017051010	001705	1010	$150,000	Total
120710017051012	001705	1012	$91,000	Total
120710017052000	001705	2000	$2,110,000	Coastal
120710017052001	001705	2001	$246,000	Coastal
120710017052002	001705	2002	$506,000	Coastal
120710017052005	001705	2005	$692,000	Total
120710017052006	001705	2006	$841,000	Total
120710017052007	001705	2007	$1,957,000	Coastal
120710017052008	001705	2008	$504,000	Coastal
120710017052011	001705	2011	$517,000	Coastal
120710017052012	001705	2012	$199,000	Total
120710018011000	001801	1000	$354,000	Total
120710018011001	001801	1001	$42,000	Total
120710018011002	001801	1002	$16,000	Coastal
120710018011003	001801	1003	$86,000	Total
120710018011004	001801	1004	$843,000	Total
120710018011005	001801	1005	$117,000	Total
120710018011006	001801	1006	$212,000	Total
120710018011007	001801	1007	$59,000	Total
120710018011008	001801	1008	$778,000	Total
120710018011010	001801	1010	$16,000	Total
120710018011011	001801	1011	$30,000	Total
120710018011012	001801	1012	$163,000	Total
120710018011013	001801	1013	$592,000	Total
120710018011014	001801	1014	$377,000	Total
120710018012000	001801	2000	$58,000	Total
120710018012001	001801	2001	$28,000	Total
120710018012003	001801	2003	$98,000	Total
120710018012004	001801	2004	$342,000	Total
120710018012005	001801	2005	$308,000	Total
120710018012006	001801	2006	$302,000	Total
120710018012007	001801	2007	$1,716,000	Total
120710018012008	001801	2008	$359,000	Total
120710018012009	001801	2009	$26,000	Coastal
120710018012010	001801	2010	$219,000	Coastal
120710018012011	001801	2011	$155,000	Total
120710018012012	001801	2012	$340,000	Total
120710018012013	001801	2013	$421,000	Total
120710018012014	001801	2014	$5,142,000	Total
120710018013000	001801	3000	$195,000	Total
120710018013001	001801	3001	$64,000	Total
120710018013002	001801	3002	$155,000	Total
120710018013003	001801	3003	$474,000	Total
120710018013004	001801	3004	$159,000	Total
120710018013005	001801	3005	$180,000	Total
120710018013006	001801	3006	$108,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710018013007	001801	3007	$80,000	Total
120710018013008	001801	3008	$337,000	Total
120710018013009	001801	3009	$220,000	Total
120710018013010	001801	3010	$1,078,000	Total
120710018013011	001801	3011	$233,000	Total
120710018013012	001801	3012	$36,000	Coastal
120710018013014	001801	3014	$181,000	Coastal
120710018013015	001801	3015	$1,220,000	Coastal
120710018014000	001801	4000	$143,000	Total
120710018014001	001801	4001	$341,000	Total
120710018014002	001801	4002	$3,540,000	Total
120710018014004	001801	4004	$728,000	Total
120710018014011	001801	4011	$103,000	Total
120710018014013	001801	4013	$63,000	Total
120710018014015	001801	4015	$303,000	Total
120710018014016	001801	4016	$208,000	Total
120710018014017	001801	4017	$256,000	Total
120710018014018	001801	4018	$241,000	Total
120710018014019	001801	4019	$167,000	Total
120710018014020	001801	4020	$170,000	Total
120710018014021	001801	4021	$84,000	Total
120710018014022	001801	4022	$139,000	Total
120710018021000	001802	1000	$3,089,000	Total
120710018021001	001802	1001	$224,000	Total
120710018021002	001802	1002	$113,000	Coastal
120710018021003	001802	1003	$273,000	Coastal
120710018021004	001802	1004	$474,000	Total
120710018021005	001802	1005	$1,292,000	Coastal
120710018021008	001802	1008	$2,435,000	Total
120710018021009	001802	1009	$139,000	Total
120710018021010	001802	1010	$24,000	Total
120710018021011	001802	1011	$34,000	Total
120710018022000	001802	2000	$135,000	Total
120710018022001	001802	2001	$1,618,000	Total
120710018022003	001802	2003	$108,000	Total
120710018022004	001802	2004	$266,000	Total
120710018022005	001802	2005	$1,605,000	Total
120710018022006	001802	2006	$513,000	Total
120710018022007	001802	2007	$747,000	Total
120710018022008	001802	2008	$490,000	Total
120710018022009	001802	2009	$40,000	Total
120710018022010	001802	2010	$249,000	Total
120710018022011	001802	2011	$169,000	Total
120710018022012	001802	2012	$320,000	Total
120710018022013	001802	2013	$270,000	Total
120710018022014	001802	2014	$149,000	Total
120710018022015	001802	2015	$1,126,000	Total
120710018022016	001802	2016	$1,005,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710018022017	001802	2017	$167,000	Total
120710018022018	001802	2018	$124,000	Total
120710018022019	001802	2019	$103,000	Total
120710018022020	001802	2020	$335,000	Total
120710018022021	001802	2021	$440,000	Total
120710018022022	001802	2022	$288,000	Total
120710018022023	001802	2023	$1,235,000	Coastal
120710019031000	001903	1000	$6,977,000	Total
120710019031001	001903	1001	$249,000	Coastal
120710019031002	001903	1002	$54,000	Coastal
120710019031003	001903	1003	$432,000	Coastal
120710019031004	001903	1004	$140,000	Coastal
120710019031005	001903	1005	$2,456,000	Coastal
120710019031006	001903	1006	$13,000	Coastal
120710019031007	001903	1007	$119,000	Coastal
120710019031009	001903	1009	$171,000	Coastal
120710019031010	001903	1010	$403,000	Coastal
120710019031011	001903	1011	$2,403,000	Coastal
120710019031014	001903	1014	$73,000	Coastal
120710019031016	001903	1016	$243,000	Coastal
120710019031017	001903	1017	$24,000	Coastal
120710019031019	001903	1019	$2,107,000	Coastal
120710019031020	001903	1020	$251,000	Coastal
120710019031021	001903	1021	$51,000	Coastal
120710019031022	001903	1022	$110,000	Coastal
120710019031023	001903	1023	$116,000	Coastal
120710019031024	001903	1024	$104,000	Coastal
120710019031025	001903	1025	$47,000	Coastal
120710019031026	001903	1026	$95,000	Coastal
120710019031027	001903	1027	$144,000	Coastal
120710019031028	001903	1028	$183,000	Total
120710019031029	001903	1029	$290,000	Total
120710019031030	001903	1030	$326,000	Total
120710019031031	001903	1031	$518,000	Coastal
120710019031032	001903	1032	$46,000	Coastal
120710019031033	001903	1033	$82,000	Coastal
120710019031034	001903	1034	$94,000	Coastal
120710019041000	001904	1000	$98,000	Coastal
120710019041001	001904	1001	$19,000	Coastal
120710019041004	001904	1004	$1,842,000	Coastal
120710019041005	001904	1005	$103,000	Coastal
120710019041006	001904	1006	$47,000	Coastal
120710019041007	001904	1007	$91,000	Coastal
120710019041008	001904	1008	$233,000	Coastal
120710019041009	001904	1009	$163,000	Coastal
120710019041010	001904	1010	$66,000	Coastal
120710019041011	001904	1011	$96,000	Coastal
120710019041012	001904	1012	$108,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710019041013	001904	1013	$86,000	Coastal
120710019041014	001904	1014	$80,000	Coastal
120710019041015	001904	1015	$5,996,000	Coastal
120710019041016	001904	1016	$849,000	Coastal
120710019041018	001904	1018	$3,487,000	Coastal
120710019041019	001904	1019	$717,000	Coastal
120710019041020	001904	1020	$38,000	Coastal
120710019041021	001904	1021	$224,000	Coastal
120710019041022	001904	1022	$374,000	Coastal
120710019041023	001904	1023	$16,000	Coastal
120710019041024	001904	1024	$168,000	Coastal
120710019041025	001904	1025	$42,000	Coastal
120710019041026	001904	1026	$135,000	Coastal
120710019041027	001904	1027	$167,000	Coastal
120710019041028	001904	1028	$172,000	Coastal
120710019041029	001904	1029	$181,000	Coastal
120710019041030	001904	1030	$52,000	Coastal
120710019041031	001904	1031	$135,000	Coastal
120710019041032	001904	1032	$76,000	Coastal
120710019041033	001904	1033	$63,000	Coastal
120710019042000	001904	2000	$168,000	Coastal
120710019042001	001904	2001	$152,000	Coastal
120710019042002	001904	2002	$94,000	Coastal
120710019042003	001904	2003	$143,000	Coastal
120710019042004	001904	2004	$226,000	Coastal
120710019042005	001904	2005	$148,000	Coastal
120710019042006	001904	2006	$121,000	Coastal
120710019042007	001904	2007	$134,000	Coastal
120710019042009	001904	2009	$256,000	Coastal
120710019042010	001904	2010	$235,000	Coastal
120710019042011	001904	2011	$16,000	Coastal
120710019042012	001904	2012	$16,000	Coastal
120710019042013	001904	2013	$38,000	Coastal
120710019042015	001904	2015	$119,000	Coastal
120710019042016	001904	2016	$158,000	Coastal
120710019042018	001904	2018	$3,533,000	Coastal
120710019042019	001904	2019	$655,000	Coastal
120710019042020	001904	2020	$40,000	Coastal
120710019042021	001904	2021	$275,000	Coastal
120710019042022	001904	2022	$948,000	Coastal
120710019042023	001904	2023	$1,145,000	Coastal
120710019042024	001904	2024	$83,000	Coastal
120710019042025	001904	2025	$89,000	Coastal
120710019042026	001904	2026	$99,000	Coastal
120710019042027	001904	2027	$83,000	Coastal
120710019042028	001904	2028	$83,000	Coastal
120710019042029	001904	2029	$152,000	Coastal
120710019042030	001904	2030	$131,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710019042031	001904	2031	$68,000	Coastal
120710019042032	001904	2032	$51,000	Coastal
120710019042033	001904	2033	$59,000	Coastal
120710019042034	001904	2034	$58,000	Coastal
120710019042035	001904	2035	$65,000	Coastal
120710019042036	001904	2036	$12,000	Coastal
120710019042037	001904	2037	$147,000	Coastal
120710019043000	001904	3000	$42,000	Total
120710019043002	001904	3002	$37,000	Total
120710019043004	001904	3004	$40,000	Total
120710019043005	001904	3005	$1,704,000	Total
120710019043006	001904	3006	$166,000	Total
120710019043008	001904	3008	$175,000	Total
120710019043009	001904	3009	$36,000	Total
120710019044000	001904	4000	$215,000	Coastal
120710019044001	001904	4001	$5,399,000	Coastal
120710019044002	001904	4002	$2,107,000	Total
120710019044004	001904	4004	$287,000	Total
120710019044006	001904	4006	$20,000	Coastal
120710019044007	001904	4007	$195,000	Total
120710019044008	001904	4008	$496,000	Total
120710019044009	001904	4009	$390,000	Total
120710019051000	001905	1000	$84,000	Coastal
120710019051001	001905	1001	$6,000	Coastal
120710019051002	001905	1002	$168,000	Coastal
120710019051003	001905	1003	$2,065,000	Coastal
120710019051005	001905	1005	$104,000	Coastal
120710019051006	001905	1006	$102,000	Coastal
120710019051007	001905	1007	$317,000	Coastal
120710019051008	001905	1008	$22,000	Coastal
120710019051009	001905	1009	$64,000	Coastal
120710019051011	001905	1011	$123,000	Coastal
120710019051012	001905	1012	$156,000	Coastal
120710019051013	001905	1013	$168,000	Coastal
120710019051014	001905	1014	$113,000	Coastal
120710019051015	001905	1015	$98,000	Coastal
120710019051016	001905	1016	$38,000	Coastal
120710019051017	001905	1017	$78,000	Coastal
120710019051018	001905	1018	$50,000	Coastal
120710019051019	001905	1019	$36,000	Coastal
120710019051020	001905	1020	$126,000	Coastal
120710019051021	001905	1021	$66,000	Coastal
120710019051022	001905	1022	$107,000	Coastal
120710019051023	001905	1023	$740,000	Coastal
120710019051025	001905	1025	$117,000	Coastal
120710019051026	001905	1026	$66,000	Coastal
120710019051027	001905	1027	$72,000	Coastal
120710019051028	001905	1028	$171,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710019051029	001905	1029	$84,000	Coastal
120710019051030	001905	1030	$186,000	Coastal
120710019051031	001905	1031	$1,924,000	Coastal
120710019051033	001905	1033	$374,000	Coastal
120710019051034	001905	1034	$188,000	Coastal
120710019051035	001905	1035	$262,000	Coastal
120710019051037	001905	1037	$152,000	Coastal
120710019051038	001905	1038	$62,000	Coastal
120710019051039	001905	1039	$14,000	Coastal
120710019051040	001905	1040	$122,000	Coastal
120710019051043	001905	1043	$2,684,000	Coastal
120710019052000	001905	2000	$1,467,000	Coastal
120710019052001	001905	2001	$611,000	Coastal
120710019052002	001905	2002	$22,000	Coastal
120710019052003	001905	2003	$380,000	Coastal
120710019052004	001905	2004	$275,000	Coastal
120710019052005	001905	2005	$29,000	Coastal
120710019052006	001905	2006	$3,534,000	Coastal
120710019052008	001905	2008	$1,373,000	Coastal
120710019052009	001905	2009	$275,000	Coastal
120710019052010	001905	2010	$158,000	Coastal
120710019052014	001905	2014	$732,000	Coastal
120710019052015	001905	2015	$460,000	Coastal
120710019052016	001905	2016	$192,000	Coastal
120710019052017	001905	2017	$34,000	Coastal
120710019052018	001905	2018	$86,000	Coastal
120710019052019	001905	2019	$1,785,000	Coastal
120710019052020	001905	2020	$267,000	Coastal
120710019052021	001905	2021	$601,000	Coastal
120710019061000	001906	1000	$1,465,000	Coastal
120710019061001	001906	1001	$12,000	Coastal
120710019061002	001906	1002	$76,000	Coastal
120710019061003	001906	1003	$186,000	Coastal
120710019061004	001906	1004	$2,987,000	Coastal
120710019061005	001906	1005	$110,000	Coastal
120710019061007	001906	1007	$106,000	Coastal
120710019061008	001906	1008	$3,375,000	Coastal
120710019061009	001906	1009	$106,000	Coastal
120710019061010	001906	1010	$99,000	Coastal
120710019061011	001906	1011	$147,000	Coastal
120710019061012	001906	1012	$73,000	Coastal
120710019061013	001906	1013	$71,000	Coastal
120710019061014	001906	1014	$241,000	Coastal
120710019061015	001906	1015	$239,000	Coastal
120710019062001	001906	2001	$169,000	Coastal
120710019062002	001906	2002	$5,000	Coastal
120710019062004	001906	2004	$20,000	Coastal
120710019062005	001906	2005	$440,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710019062006	001906	2006	$335,000	Coastal
120710019062007	001906	2007	$910,000	Coastal
120710019062008	001906	2008	$166,000	Coastal
120710019062010	001906	2010	$1,714,000	Coastal
120710019062011	001906	2011	$5,000	Coastal
120710019062012	001906	2012	$25,000	Coastal
120710019062013	001906	2013	$43,000	Coastal
120710019062014	001906	2014	$173,000	Coastal
120710019062015	001906	2015	$1,332,000	Coastal
120710019062016	001906	2016	$57,000	Coastal
120710019062017	001906	2017	$67,000	Coastal
120710019062018	001906	2018	$693,000	Coastal
120710019062019	001906	2019	$548,000	Coastal
120710019062020	001906	2020	$74,000	Coastal
120710019062021	001906	2021	$559,000	Coastal
120710019062022	001906	2022	$37,000	Coastal
120710019062023	001906	2023	$5,191,000	Coastal
120710019062024	001906	2024	$207,000	Coastal
120710019062025	001906	2025	$204,000	Coastal
120710019071000	001907	1000	$168,000	Coastal
120710019071001	001907	1001	$1,519,000	Coastal
120710019071002	001907	1002	$667,000	Coastal
120710019071003	001907	1003	$3,367,000	Total
120710019071004	001907	1004	$283,000	Coastal
120710019071005	001907	1005	$99,000	Coastal
120710019071006	001907	1006	$103,000	Coastal
120710019071007	001907	1007	$213,000	Coastal
120710019071008	001907	1008	$2,046,000	Coastal
120710019071009	001907	1009	$336,000	Coastal
120710019071010	001907	1010	$402,000	Coastal
120710019071011	001907	1011	$728,000	Coastal
120710019071012	001907	1012	$887,000	Coastal
120710019071013	001907	1013	$1,331,000	Coastal
120710019071014	001907	1014	$1,554,000	Coastal
120710019071015	001907	1015	$690,000	Coastal
120710019071016	001907	1016	$926,000	Coastal
120710019071017	001907	1017	$463,000	Coastal
120710019071018	001907	1018	$38,000	Coastal
120710019071019	001907	1019	$1,048,000	Coastal
120710019071020	001907	1020	$738,000	Coastal
120710019071021	001907	1021	$354,000	Coastal
120710019071022	001907	1022	$391,000	Coastal
120710019071023	001907	1023	$51,000	Coastal
120710019071025	001907	1025	$97,000	Total
120710019081000	001908	1000	$342,000	Total
120710019081001	001908	1001	$259,000	Coastal
120710019081002	001908	1002	$1,012,000	Coastal
120710019081008	001908	1008	$387,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710019081010	001908	1010	$61,000	Coastal
120710019081011	001908	1011	$738,000	Total
120710019081012	001908	1012	$186,000	Coastal
120710019081013	001908	1013	$447,000	Total
120710019081014	001908	1014	$359,000	Total
120710019081015	001908	1015	$562,000	Total
120710019081016	001908	1016	$32,000	Total
120710019081017	001908	1017	$32,000	Total
120710019081018	001908	1018	$22,000	Total
120710019081019	001908	1019	$64,000	Total
120710019081020	001908	1020	$275,000	Total
120710019081021	001908	1021	$290,000	Total
120710019081022	001908	1022	$56,000	Total
120710019081023	001908	1023	$182,000	Total
120710019081024	001908	1024	$176,000	Total
120710019081025	001908	1025	$125,000	Total
120710019081026	001908	1026	$125,000	Total
120710019081027	001908	1027	$362,000	Total
120710019091000	001909	1000	$4,899,000	Total
120710019091001	001909	1001	$191,000	Coastal
120710019091002	001909	1002	$224,000	Coastal
120710019091003	001909	1003	$165,000	Coastal
120710019091004	001909	1004	$31,000	Coastal
120710019091005	001909	1005	$116,000	Coastal
120710019091006	001909	1006	$230,000	Coastal
120710019091020	001909	1020	$64,000	Coastal
120710019091021	001909	1021	$110,000	Coastal
120710019091022	001909	1022	$95,000	Coastal
120710019091023	001909	1023	$72,000	Coastal
120710019091024	001909	1024	$82,000	Coastal
120710019091025	001909	1025	$241,000	Coastal
120710019091026	001909	1026	$74,000	Coastal
120710019091027	001909	1027	$72,000	Coastal
120710019091028	001909	1028	$74,000	Coastal
120710019091029	001909	1029	$287,000	Coastal
120710019091030	001909	1030	$62,000	Coastal
120710019091031	001909	1031	$69,000	Coastal
120710019091032	001909	1032	$147,000	Coastal
120710019091033	001909	1033	$175,000	Coastal
120710019091034	001909	1034	$152,000	Coastal
120710019091035	001909	1035	$134,000	Coastal
120710019091038	001909	1038	$160,000	Coastal
120710019091039	001909	1039	$80,000	Coastal
120710019091040	001909	1040	$126,000	Coastal
120710019091041	001909	1041	$249,000	Total
120710019091042	001909	1042	$198,000	Coastal
120710019091043	001909	1043	$131,000	Coastal
120710019091044	001909	1044	$131,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710019091045	001909	1045	$134,000	Coastal
120710019091046	001909	1046	$35,000	Coastal
120710019091047	001909	1047	$56,000	Coastal
120710019091048	001909	1048	$283,000	Coastal
120710019091049	001909	1049	$369,000	Coastal
120710019091050	001909	1050	$74,000	Coastal
120710019091051	001909	1051	$190,000	Coastal
120710019091052	001909	1052	$186,000	Coastal
120710019091053	001909	1053	$344,000	Coastal
120710019091054	001909	1054	$134,000	Coastal
120710019091055	001909	1055	$300,000	Coastal
120710019091056	001909	1056	$319,000	Coastal
120710019091057	001909	1057	$324,000	Coastal
120710019091058	001909	1058	$134,000	Coastal
120710019091059	001909	1059	$142,000	Coastal
120710019091060	001909	1060	$65,000	Coastal
120710019091061	001909	1061	$77,000	Coastal
120710019091062	001909	1062	$101,000	Coastal
120710019091063	001909	1063	$110,000	Coastal
120710019091064	001909	1064	$101,000	Coastal
120710019091065	001909	1065	$110,000	Coastal
120710019091066	001909	1066	$95,000	Coastal
120710019091067	001909	1067	$110,000	Coastal
120710019091068	001909	1068	$110,000	Coastal
120710019091069	001909	1069	$110,000	Coastal
120710019091070	001909	1070	$56,000	Coastal
120710019091071	001909	1071	$110,000	Coastal
120710019091072	001909	1072	$110,000	Coastal
120710019091073	001909	1073	$113,000	Coastal
120710019091074	001909	1074	$67,000	Coastal
120710019091075	001909	1075	$56,000	Coastal
120710019091076	001909	1076	$95,000	Coastal
120710019091077	001909	1077	$112,000	Coastal
120710019091078	001909	1078	$106,000	Coastal
120710019091079	001909	1079	$110,000	Coastal
120710019091080	001909	1080	$110,000	Coastal
120710019091081	001909	1081	$110,000	Coastal
120710019091082	001909	1082	$110,000	Coastal
120710019091083	001909	1083	$80,000	Coastal
120710019091084	001909	1084	$66,000	Coastal
120710019091085	001909	1085	$91,000	Coastal
120710019091086	001909	1086	$86,000	Total
120710019091087	001909	1087	$456,000	Coastal
120710019091088	001909	1088	$1,933,000	Total
120710101011006	010101	1006	$582,000	Coastal
120710101011007	010101	1007	$370,000	Coastal
120710101011009	010101	1009	$108,000	Coastal
120710101011010	010101	1010	$1,277,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710101011011	010101	1011	$2,000	Coastal
120710101011012	010101	1012	$42,000	Coastal
120710101011013	010101	1013	$776,000	Coastal
120710101011015	010101	1015	$1,215,000	Coastal
120710101011016	010101	1016	$86,000	Coastal
120710101013000	010101	3000	$287,000	Coastal
120710101013001	010101	3001	$31,000	Total
120710101013004	010101	3004	$44,000	Total
120710101013007	010101	3007	$11,000	Total
120710101013015	010101	3015	$300,000	Total
120710101013024	010101	3024	$13,000	Total
120710101013025	010101	3025	$8,000	Total
120710101013028	010101	3028	$7,000	Total
120710101013036	010101	3036	$6,000	Total
120710101013038	010101	3038	$284,000	Total
120710101013039	010101	3039	$10,000	Total
120710101013045	010101	3045	$29,000	Coastal
120710101013047	010101	3047	$11,000	Coastal
120710101013053	010101	3053	$23,000	Total
120710101013054	010101	3054	$12,000	Total
120710101013055	010101	3055	$37,000	Total
120710101013057	010101	3057	$13,000	Total
120710101014000	010101	4000	$287,000	Total
120710101014001	010101	4001	$10,000	Total
120710101014003	010101	4003	$16,000	Total
120710101014005	010101	4005	$11,000	Total
120710101014006	010101	4006	$32,000	Coastal
120710101014010	010101	4010	$24,000	Coastal
120710101014011	010101	4011	$16,000	Coastal
120710101014014	010101	4014	$11,000	Coastal
120710101014019	010101	4019	$11,000	Coastal
120710101014023	010101	4023	$67,000	Total
120710101014034	010101	4034	$27,000	Total
120710101014036	010101	4036	$78,000	Total
120710101014037	010101	4037	$22,000	Total
120710101014039	010101	4039	$27,000	Total
120710101014040	010101	4040	$11,000	Total
120710101014043	010101	4043	$11,000	Total
120710101014044	010101	4044	$13,000	Total
120710101015002	010101	5002	$285,000	Coastal
120710101015004	010101	5004	$28,000	Coastal
120710101015005	010101	5005	$11,000	Coastal
120710101015006	010101	5006	$143,000	Coastal
120710101015010	010101	5010	$10,000	Coastal
120710101015017	010101	5017	$11,000	Coastal
120710101015025	010101	5025	$19,000	Coastal
120710101015028	010101	5028	$24,000	Coastal
120710101015032	010101	5032	$15,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710101015036	010101	5036	$11,000	Coastal
120710101015037	010101	5037	$210,000	Total
120710101015039	010101	5039	$11,000	Coastal
120710101015043	010101	5043	$11,000	Coastal
120710101015044	010101	5044	$60,000	Coastal
120710101016002	010101	6002	$728,000	Coastal
120710101016003	010101	6003	$13,000	Coastal
120710101016006	010101	6006	$26,000	Coastal
120710101016007	010101	6007	$23,000	Coastal
120710101016009	010101	6009	$20,000	Coastal
120710101016010	010101	6010	$114,000	Total
120710101016011	010101	6011	$23,000	Total
120710101016013	010101	6013	$605,000	Total
120710101016014	010101	6014	$667,000	Total
120710101016015	010101	6015	$516,000	Coastal
120710101016016	010101	6016	$132,000	Coastal
120710101016017	010101	6017	$87,000	Coastal
120710101016019	010101	6019	$175,000	Coastal
120710101016020	010101	6020	$399,000	Total
120710101016021	010101	6021	$29,000	Coastal
120710101016022	010101	6022	$22,000	Coastal
120710101016023	010101	6023	$6,000	Coastal
120710101016024	010101	6024	$20,000	Coastal
120710101016025	010101	6025	$20,000	Coastal
120710101016027	010101	6027	$6,000	Coastal
120710101016028	010101	6028	$6,000	Coastal
120710101016030	010101	6030	$6,000	Coastal
120710101016032	010101	6032	$39,000	Coastal
120710101016033	010101	6033	$16,000	Coastal
120710101016034	010101	6034	$6,000	Coastal
120710101016035	010101	6035	$6,000	Coastal
120710101016037	010101	6037	$13,000	Coastal
120710101016038	010101	6038	$13,000	Coastal
120710101016039	010101	6039	$38,000	Coastal
120710101016040	010101	6040	$6,000	Coastal
120710101016045	010101	6045	$6,000	Coastal
120710101016048	010101	6048	$12,000	Coastal
120710101016049	010101	6049	$67,000	Coastal
120710101016050	010101	6050	$6,000	Coastal
120710101016051	010101	6051	$48,000	Coastal
120710101016052	010101	6052	$6,000	Coastal
120710101016053	010101	6053	$27,000	Coastal
120710101016054	010101	6054	$13,000	Coastal
120710101016055	010101	6055	$55,000	Coastal
120710101016056	010101	6056	$55,000	Coastal
120710101016057	010101	6057	$34,000	Coastal
120710101016058	010101	6058	$10,000	Coastal
120710101016059	010101	6059	$32,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710101016060	010101	6060	$16,000	Coastal
120710101016061	010101	6061	$26,000	Coastal
120710101016062	010101	6062	$43,000	Coastal
120710101016064	010101	6064	$23,000	Coastal
120710101016067	010101	6067	$53,000	Coastal
120710101016068	010101	6068	$7,000	Coastal
120710101016069	010101	6069	$21,000	Coastal
120710101016070	010101	6070	$97,000	Coastal
120710101021000	010102	1000	$2,000	Total
120710101021001	010102	1001	$25,000	Coastal
120710101022000	010102	2000	$13,000	Coastal
120710101022003	010102	2003	$7,000	Total
120710101022008	010102	2008	$7,000	Coastal
120710101022010	010102	2010	$1,000	Total
120710101022011	010102	2011	$49,000	Total
120710101022016	010102	2016	$5,000	Total
120710101022017	010102	2017	$12,000	Total
120710101022029	010102	2029	$2,000	Total
120710101022033	010102	2033	$2,000	Total
120710101022037	010102	2037	$1,000	Total
120710101022055	010102	2055	$1,000	Total
120710101022059	010102	2059	$2,000	Total
120710101022062	010102	2062	$1,000	Total
120710101022067	010102	2067	$4,000	Coastal
120710101023013	010102	3013	$1,000	Riverine
120710101024000	010102	4000	$5,000	Coastal
120710101024003	010102	4003	$66,000	Coastal
120710101024005	010102	4005	$22,000	Coastal
120710101024009	010102	4009	$516,000	Coastal
120710101024010	010102	4010	$18,000	Coastal
120710101024011	010102	4011	$22,000	Coastal
120710101024012	010102	4012	$22,000	Coastal
120710101024018	010102	4018	$19,000	Coastal
120710101024019	010102	4019	$20,000	Coastal
120710101024022	010102	4022	$10,000	Coastal
120710101024023	010102	4023	$26,000	Coastal
120710101024024	010102	4024	$5,000	Coastal
120710101024026	010102	4026	$20,000	Coastal
120710101024027	010102	4027	$7,000	Coastal
120710101024028	010102	4028	$29,000	Coastal
120710101024029	010102	4029	$116,000	Coastal
120710101024032	010102	4032	$19,000	Coastal
120710101024033	010102	4033	$3,000	Coastal
120710101025005	010102	5005	$13,000	Coastal
120710101025006	010102	5006	$3,000	Coastal
120710101025007	010102	5007	$1,000	Coastal
120710101025008	010102	5008	$3,000	Coastal
120710101025012	010102	5012	$2,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710101025021	010102	5021	$5,000	Coastal
120710101025022	010102	5022	$1,000	Coastal
120710101025023	010102	5023	$1,000	Coastal
120710101025024	010102	5024	$4,000	Coastal
120710101025025	010102	5025	$3,000	Coastal
120710101025027	010102	5027	$2,000	Coastal
120710101025028	010102	5028	$2,000	Coastal
120710101025030	010102	5030	$1,000	Coastal
120710101025031	010102	5031	$2,000	Coastal
120710101025032	010102	5032	$1,000	Coastal
120710101025034	010102	5034	$4,000	Coastal
120710101025035	010102	5035	$4,000	Coastal
120710101025037	010102	5037	$1,000	Coastal
120710101025038	010102	5038	$1,000	Coastal
120710101025039	010102	5039	$2,000	Coastal
120710101025042	010102	5042	$2,000	Coastal
120710101025043	010102	5043	$3,000	Coastal
120710101025044	010102	5044	$2,000	Coastal
120710101025051	010102	5051	$8,000	Coastal
120710101025052	010102	5052	$4,000	Coastal
120710101026040	010102	6040	$2,000	Coastal
120710101026051	010102	6051	$1,000	Coastal
120710101026053	010102	6053	$1,000	Coastal
120710101031000	010103	1000	$1,000	Coastal
120710101031001	010103	1001	$1,000	Coastal
120710101031002	010103	1002	$3,000	Coastal
120710101031004	010103	1004	$5,000	Coastal
120710101031005	010103	1005	$3,000	Coastal
120710101031006	010103	1006	$23,000	Coastal
120710101031007	010103	1007	$1,000	Coastal
120710101031009	010103	1009	$2,000	Coastal
120710101031010	010103	1010	$2,000	Coastal
120710101031011	010103	1011	$9,000	Coastal
120710101031012	010103	1012	$2,000	Coastal
120710101031013	010103	1013	$3,000	Coastal
120710101031014	010103	1014	$21,000	Coastal
120710101031021	010103	1021	$5,000	Coastal
120710101031022	010103	1022	$12,000	Coastal
120710101031024	010103	1024	$112,000	Coastal
120710101031028	010103	1028	$6,000	Coastal
120710101031030	010103	1030	$6,000	Coastal
120710101031031	010103	1031	$5,000	Coastal
120710101031042	010103	1042	$6,000	Coastal
120710101031044	010103	1044	$6,000	Coastal
120710101031045	010103	1045	$3,000	Coastal
120710101031046	010103	1046	$2,000	Coastal
120710101031047	010103	1047	$2,000	Coastal
120710101031049	010103	1049	$14,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710101031050	010103	1050	$5,000	Coastal
120710101031053	010103	1053	$18,000	Coastal
120710101031054	010103	1054	$6,000	Coastal
120710101031056	010103	1056	$15,000	Coastal
120710101031057	010103	1057	$8,000	Coastal
120710101031058	010103	1058	$22,000	Coastal
120710101031059	010103	1059	$10,000	Coastal
120710101031060	010103	1060	$6,000	Coastal
120710101031061	010103	1061	$20,000	Coastal
120710101031062	010103	1062	$8,000	Coastal
120710101031064	010103	1064	$6,000	Coastal
120710101031067	010103	1067	$5,000	Coastal
120710101031068	010103	1068	$6,000	Coastal
120710101032009	010103	2009	$1,000	Coastal
120710101032011	010103	2011	$1,000	Coastal
120710101032013	010103	2013	$1,000	Coastal
120710101032014	010103	2014	$2,000	Coastal
120710101032024	010103	2024	$1,000	Coastal
120710101032026	010103	2026	$1,000	Coastal
120710101032035	010103	2035	$1,000	Coastal
120710101032036	010103	2036	$3,000	Coastal
120710101032038	010103	2038	$1,000	Coastal
120710101032043	010103	2043	$1,000	Coastal
120710101032045	010103	2045	$2,000	Coastal
120710101032058	010103	2058	$1,000	Coastal
120710101033001	010103	3001	$8,000	Coastal
120710101033002	010103	3002	$8,000	Coastal
120710101033003	010103	3003	$11,000	Coastal
120710101033005	010103	3005	$10,000	Coastal
120710101033008	010103	3008	$8,000	Coastal
120710101033009	010103	3009	$8,000	Coastal
120710101033010	010103	3010	$5,000	Coastal
120710101033011	010103	3011	$182,000	Coastal
120710101033014	010103	3014	$5,000	Coastal
120710101033016	010103	3016	$18,000	Coastal
120710101033017	010103	3017	$18,000	Coastal
120710101033018	010103	3018	$5,000	Coastal
120710101033020	010103	3020	$13,000	Coastal
120710101033021	010103	3021	$5,000	Coastal
120710101033022	010103	3022	$13,000	Coastal
120710101033023	010103	3023	$16,000	Coastal
120710101033025	010103	3025	$8,000	Coastal
120710101033027	010103	3027	$10,000	Coastal
120710101033028	010103	3028	$5,000	Coastal
120710101033030	010103	3030	$5,000	Coastal
120710101033033	010103	3033	$3,000	Coastal
120710101033036	010103	3036	$2,000	Coastal
120710101033037	010103	3037	$19,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710101033038	010103	3038	$15,000	Coastal
120710101033039	010103	3039	$5,000	Coastal
120710101033040	010103	3040	$14,000	Coastal
120710101033041	010103	3041	$5,000	Coastal
120710101033042	010103	3042	$5,000	Coastal
120710101033044	010103	3044	$3,000	Coastal
120710101033047	010103	3047	$12,000	Coastal
120710101034003	010103	4003	$1,000	Coastal
120710101034005	010103	4005	$1,000	Coastal
120710101034006	010103	4006	$2,000	Coastal
120710101034008	010103	4008	$6,000	Coastal
120710101034009	010103	4009	$1,000	Coastal
120710101034010	010103	4010	$9,000	Coastal
120710101034012	010103	4012	$1,000	Coastal
120710101034014	010103	4014	$4,000	Coastal
120710101034020	010103	4020	$1,000	Coastal
120710101034021	010103	4021	$1,000	Coastal
120710101034025	010103	4025	$1,000	Coastal
120710101034026	010103	4026	$3,000	Coastal
120710101034027	010103	4027	$1,000	Coastal
120710101034028	010103	4028	$5,000	Coastal
120710101034030	010103	4030	$1,000	Coastal
120710101034033	010103	4033	$3,000	Coastal
120710101034035	010103	4035	$1,000	Coastal
120710101034038	010103	4038	$1,000	Coastal
120710101034040	010103	4040	$2,000	Coastal
120710101034041	010103	4041	$3,000	Coastal
120710101034042	010103	4042	$2,000	Coastal
120710101034043	010103	4043	$2,000	Coastal
120710101034045	010103	4045	$2,000	Coastal
120710101034050	010103	4050	$2,000	Coastal
120710101034053	010103	4053	$2,000	Coastal
120710101035000	010103	5000	$18,000	Coastal
120710101035002	010103	5002	$7,000	Coastal
120710101035008	010103	5008	$1,000	Coastal
120710101035010	010103	5010	$3,000	Coastal
120710101035011	010103	5011	$2,000	Coastal
120710101035016	010103	5016	$6,000	Coastal
120710101035017	010103	5017	$1,000	Coastal
120710101035019	010103	5019	$12,000	Coastal
120710101035023	010103	5023	$32,000	Coastal
120710101035024	010103	5024	$7,000	Coastal
120710101035025	010103	5025	$5,000	Coastal
120710101035026	010103	5026	$2,000	Coastal
120710101035027	010103	5027	$1,000	Coastal
120710101035030	010103	5030	$9,000	Coastal
120710101035032	010103	5032	$2,000	Coastal
120710101035038	010103	5038	$9,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710101035042	010103	5042	$6,000	Coastal
120710101035044	010103	5044	$4,000	Coastal
120710101035046	010103	5046	$8,000	Coastal
120710101035047	010103	5047	$2,000	Coastal
120710101036003	010103	6003	$47,000	Coastal
120710101036005	010103	6005	$4,000	Coastal
120710101036007	010103	6007	$2,000	Coastal
120710101036008	010103	6008	$4,000	Coastal
120710101036009	010103	6009	$2,000	Coastal
120710101036011	010103	6011	$1,000	Coastal
120710101036012	010103	6012	$2,000	Coastal
120710101036014	010103	6014	$8,000	Coastal
120710101036015	010103	6015	$6,000	Coastal
120710101036016	010103	6016	$5,000	Coastal
120710101036019	010103	6019	$2,000	Coastal
120710101036020	010103	6020	$14,000	Coastal
120710101036021	010103	6021	$27,000	Coastal
120710101036022	010103	6022	$13,000	Coastal
120710101036023	010103	6023	$31,000	Coastal
120710101036024	010103	6024	$209,000	Coastal
120710101036026	010103	6026	$5,000	Coastal
120710101036028	010103	6028	$173,000	Coastal
120710101036029	010103	6029	$10,000	Coastal
120710101036030	010103	6030	$5,000	Coastal
120710101036031	010103	6031	$5,000	Coastal
120710101036032	010103	6032	$11,000	Coastal
120710101036036	010103	6036	$2,000	Coastal
120710101036037	010103	6037	$1,000	Coastal
120710101036038	010103	6038	$24,000	Coastal
120710101036041	010103	6041	$8,000	Coastal
120710101036042	010103	6042	$4,000	Coastal
120710101036045	010103	6045	$5,000	Coastal
120710101036046	010103	6046	$5,000	Coastal
120710101036048	010103	6048	$64,000	Coastal
120710101036049	010103	6049	$98,000	Coastal
120710101036050	010103	6050	$20,000	Coastal
120710101036052	010103	6052	$27,000	Coastal
120710101036053	010103	6053	$5,000	Coastal
120710101036054	010103	6054	$8,000	Coastal
120710101036062	010103	6062	$41,000	Coastal
120710101036063	010103	6063	$18,000	Coastal
120710101036064	010103	6064	$31,000	Coastal
120710101036066	010103	6066	$6,000	Coastal
120710101036067	010103	6067	$11,000	Coastal
120710101036068	010103	6068	$30,000	Coastal
120710101036069	010103	6069	$11,000	Coastal
120710101036070	010103	6070	$12,000	Coastal
120710101036071	010103	6071	$2,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710102014004	010201	4004	$1,000	Coastal
120710102014006	010201	4006	$3,000	Coastal
120710102014016	010201	4016	$1,000	Coastal
120710102015065	010201	5065	$1,000	Coastal
120710102016003	010201	6003	$1,000	Coastal
120710102016004	010201	6004	$1,000	Coastal
120710102016026	010201	6026	$6,000	Coastal
120710102016028	010201	6028	$2,000	Coastal
120710102016029	010201	6029	$1,000	Coastal
120710102016030	010201	6030	$1,000	Coastal
120710102017012	010201	7012	$1,000	Coastal
120710102017013	010201	7013	$1,000	Coastal
120710102017014	010201	7014	$1,000	Coastal
120710102017019	010201	7019	$1,000	Coastal
120710102017024	010201	7024	$1,000	Coastal
120710102017025	010201	7025	$26,000	Coastal
120710102017026	010201	7026	$5,000	Coastal
120710102017033	010201	7033	$1,000	Coastal
120710102017035	010201	7035	$1,000	Coastal
120710102017037	010201	7037	$1,000	Coastal
120710102017038	010201	7038	$1,000	Coastal
120710102017043	010201	7043	$1,000	Coastal
120710102017047	010201	7047	$6,000	Coastal
120710102017048	010201	7048	$1,000	Coastal
120710102017051	010201	7051	$1,000	Coastal
120710102017053	010201	7053	$1,000	Coastal
120710102017054	010201	7054	$6,000	Coastal
120710102017059	010201	7059	$1,000	Coastal
120710102017065	010201	7065	$77,000	Coastal
120710102017066	010201	7066	$17,000	Coastal
120710102025032	010202	5032	$11,000	Total
120710102025041	010202	5041	$2,000	Coastal
120710102025060	010202	5060	$2,000	Total
120710102025061	010202	5061	$8,000	Total
120710102025079	010202	5079	$2,000	Total
120710102027000	010202	7000	$7,000	Total
120710102027004	010202	7004	$1,000	Coastal
120710102027012	010202	7012	$1,000	Coastal
120710102027013	010202	7013	$1,000	Coastal
120710102027015	010202	7015	$4,000	Coastal
120710102027020	010202	7020	$1,000	Coastal
120710102027051	010202	7051	$2,000	Coastal
120710102027053	010202	7053	$1,000	Coastal
120710102027054	010202	7054	$2,000	Coastal
120710102027058	010202	7058	$27,000	Coastal
120710102027059	010202	7059	$34,000	Total
120710102027060	010202	7060	$153,000	Total
120710102027062	010202	7062	$24,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710102028005	010202	8005	$1,000	Coastal
120710102028045	010202	8045	$1,000	Coastal
120710102028067	010202	8067	$1,000	Coastal
120710102029003	010202	9003	$1,000	Coastal
120710102029024	010202	9024	$5,000	Coastal
120710102029025	010202	9025	$4,000	Coastal
120710102029027	010202	9027	$3,000	Coastal
120710102029028	010202	9028	$1,000	Coastal
120710103021000	010302	1000	$28,000	Total
120710103021001	010302	1001	$1,000	Total
120710103021002	010302	1002	$779,000	Total
120710103021003	010302	1003	$29,000	Coastal
120710103021004	010302	1004	$87,000	Coastal
120710103021005	010302	1005	$8,000	Total
120710103021007	010302	1007	$3,000	Coastal
120710103021009	010302	1009	$58,000	Coastal
120710103021015	010302	1015	$1,000	Coastal
120710103021020	010302	1020	$2,000	Coastal
120710103021023	010302	1023	$2,000	Coastal
120710103022000	010302	2000	$48,000	Coastal
120710103022001	010302	2001	$16,000	Coastal
120710103022002	010302	2002	$7,000	Coastal
120710103022003	010302	2003	$8,000	Coastal
120710103022005	010302	2005	$57,000	Coastal
120710103022007	010302	2007	$1,000	Coastal
120710103022008	010302	2008	$7,000	Coastal
120710103022009	010302	2009	$14,000	Coastal
120710103022010	010302	2010	$1,000	Coastal
120710103022011	010302	2011	$2,000	Coastal
120710103022012	010302	2012	$50,000	Coastal
120710103022013	010302	2013	$2,000	Coastal
120710103022014	010302	2014	$3,000	Coastal
120710103022015	010302	2015	$4,000	Coastal
120710103022016	010302	2016	$9,000	Coastal
120710103022017	010302	2017	$4,000	Coastal
120710103022018	010302	2018	$8,000	Coastal
120710103022019	010302	2019	$5,000	Coastal
120710103022020	010302	2020	$16,000	Coastal
120710103022021	010302	2021	$14,000	Coastal
120710103022022	010302	2022	$7,000	Coastal
120710103022023	010302	2023	$7,000	Coastal
120710103022025	010302	2025	$7,000	Coastal
120710103022028	010302	2028	$5,000	Coastal
120710103022029	010302	2029	$3,000	Coastal
120710103022030	010302	2030	$2,000	Coastal
120710103022031	010302	2031	$3,000	Coastal
120710103022032	010302	2032	$12,000	Coastal
120710103022033	010302	2033	$4,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103022034	010302	2034	$4,000	Coastal
120710103022035	010302	2035	$4,000	Coastal
120710103022036	010302	2036	$4,000	Coastal
120710103022037	010302	2037	$15,000	Coastal
120710103022038	010302	2038	$7,000	Coastal
120710103022039	010302	2039	$2,000	Coastal
120710103022040	010302	2040	$5,000	Coastal
120710103022041	010302	2041	$18,000	Coastal
120710103022042	010302	2042	$5,000	Coastal
120710103022043	010302	2043	$6,000	Coastal
120710103022044	010302	2044	$2,000	Coastal
120710103022045	010302	2045	$1,000	Coastal
120710103022046	010302	2046	$5,000	Coastal
120710103023000	010302	3000	$216,000	Coastal
120710103023001	010302	3001	$22,000	Coastal
120710103023002	010302	3002	$86,000	Coastal
120710103023004	010302	3004	$7,000	Coastal
120710103023005	010302	3005	$109,000	Coastal
120710103023006	010302	3006	$3,000	Coastal
120710103023007	010302	3007	$33,000	Coastal
120710103023008	010302	3008	$14,000	Coastal
120710103023009	010302	3009	$23,000	Coastal
120710103023010	010302	3010	$21,000	Coastal
120710103023011	010302	3011	$62,000	Coastal
120710103023012	010302	3012	$11,000	Coastal
120710103023013	010302	3013	$24,000	Coastal
120710103023014	010302	3014	$28,000	Coastal
120710103023015	010302	3015	$24,000	Coastal
120710103023016	010302	3016	$43,000	Coastal
120710103023017	010302	3017	$17,000	Coastal
120710103023018	010302	3018	$3,000	Coastal
120710103023019	010302	3019	$5,000	Coastal
120710103031000	010303	1000	$40,000	Coastal
120710103031001	010303	1001	$114,000	Coastal
120710103031002	010303	1002	$55,000	Coastal
120710103031003	010303	1003	$72,000	Coastal
120710103031004	010303	1004	$81,000	Coastal
120710103031005	010303	1005	$181,000	Coastal
120710103031006	010303	1006	$89,000	Coastal
120710103031007	010303	1007	$100,000	Coastal
120710103031008	010303	1008	$398,000	Coastal
120710103031009	010303	1009	$18,000	Coastal
120710103031010	010303	1010	$152,000	Coastal
120710103031011	010303	1011	$45,000	Coastal
120710103031012	010303	1012	$19,000	Coastal
120710103031013	010303	1013	$23,000	Coastal
120710103031014	010303	1014	$63,000	Coastal
120710103031015	010303	1015	$19,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103031016	010303	1016	$85,000	Coastal
120710103031017	010303	1017	$32,000	Coastal
120710103031018	010303	1018	$33,000	Coastal
120710103031019	010303	1019	$54,000	Coastal
120710103031020	010303	1020	$113,000	Coastal
120710103031021	010303	1021	$20,000	Coastal
120710103031022	010303	1022	$24,000	Coastal
120710103031023	010303	1023	$14,000	Coastal
120710103031025	010303	1025	$43,000	Coastal
120710103031026	010303	1026	$87,000	Coastal
120710103031027	010303	1027	$63,000	Coastal
120710103031028	010303	1028	$121,000	Coastal
120710103031029	010303	1029	$63,000	Coastal
120710103031030	010303	1030	$90,000	Coastal
120710103031031	010303	1031	$123,000	Coastal
120710103031032	010303	1032	$94,000	Coastal
120710103031033	010303	1033	$100,000	Coastal
120710103031034	010303	1034	$120,000	Coastal
120710103031035	010303	1035	$807,000	Coastal
120710103031036	010303	1036	$107,000	Coastal
120710103031037	010303	1037	$112,000	Coastal
120710103031038	010303	1038	$109,000	Coastal
120710103031039	010303	1039	$87,000	Coastal
120710103031040	010303	1040	$94,000	Coastal
120710103031041	010303	1041	$99,000	Coastal
120710103031042	010303	1042	$119,000	Coastal
120710103031043	010303	1043	$139,000	Coastal
120710103031044	010303	1044	$75,000	Coastal
120710103031045	010303	1045	$91,000	Coastal
120710103031046	010303	1046	$118,000	Coastal
120710103031047	010303	1047	$111,000	Coastal
120710103031048	010303	1048	$108,000	Coastal
120710103032000	010303	2000	$223,000	Coastal
120710103032001	010303	2001	$196,000	Coastal
120710103032002	010303	2002	$140,000	Coastal
120710103032003	010303	2003	$470,000	Coastal
120710103032004	010303	2004	$341,000	Coastal
120710103032005	010303	2005	$270,000	Coastal
120710103032006	010303	2006	$490,000	Coastal
120710103032007	010303	2007	$266,000	Coastal
120710103032008	010303	2008	$259,000	Coastal
120710103032009	010303	2009	$120,000	Coastal
120710103032010	010303	2010	$32,000	Coastal
120710103032011	010303	2011	$506,000	Coastal
120710103032012	010303	2012	$239,000	Coastal
120710103032013	010303	2013	$196,000	Coastal
120710103032014	010303	2014	$110,000	Coastal
120710103032015	010303	2015	$80,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103032016	010303	2016	$152,000	Coastal
120710103032017	010303	2017	$287,000	Coastal
120710103032018	010303	2018	$145,000	Coastal
120710103032019	010303	2019	$350,000	Coastal
120710103032020	010303	2020	$164,000	Coastal
120710103033000	010303	3000	$2,805,000	Coastal
120710103033001	010303	3001	$285,000	Coastal
120710103033002	010303	3002	$318,000	Coastal
120710103033003	010303	3003	$246,000	Coastal
120710103033004	010303	3004	$220,000	Coastal
120710103033005	010303	3005	$472,000	Coastal
120710103033006	010303	3006	$1,237,000	Coastal
120710103033007	010303	3007	$343,000	Coastal
120710103033008	010303	3008	$470,000	Coastal
120710103033009	010303	3009	$221,000	Coastal
120710103033010	010303	3010	$688,000	Coastal
120710103033011	010303	3011	$141,000	Coastal
120710103033012	010303	3012	$156,000	Coastal
120710103033013	010303	3013	$304,000	Coastal
120710103033014	010303	3014	$125,000	Coastal
120710103033015	010303	3015	$476,000	Coastal
120710103033016	010303	3016	$387,000	Coastal
120710103033017	010303	3017	$267,000	Coastal
120710103033018	010303	3018	$314,000	Coastal
120710103033019	010303	3019	$170,000	Coastal
120710103033020	010303	3020	$240,000	Coastal
120710103033021	010303	3021	$296,000	Coastal
120710103033022	010303	3022	$268,000	Coastal
120710103034000	010303	4000	$448,000	Coastal
120710103034001	010303	4001	$318,000	Coastal
120710103034002	010303	4002	$258,000	Coastal
120710103034003	010303	4003	$162,000	Coastal
120710103034004	010303	4004	$583,000	Coastal
120710103034005	010303	4005	$224,000	Coastal
120710103034006	010303	4006	$199,000	Coastal
120710103034007	010303	4007	$151,000	Coastal
120710103034008	010303	4008	$90,000	Coastal
120710103034009	010303	4009	$113,000	Coastal
120710103034010	010303	4010	$229,000	Coastal
120710103034011	010303	4011	$570,000	Coastal
120710103034012	010303	4012	$168,000	Coastal
120710103034013	010303	4013	$212,000	Coastal
120710103034014	010303	4014	$180,000	Coastal
120710103034015	010303	4015	$94,000	Coastal
120710103034016	010303	4016	$225,000	Coastal
120710103034017	010303	4017	$328,000	Coastal
120710103034018	010303	4018	$230,000	Coastal
120710103034019	010303	4019	$294,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103034020	010303	4020	$54,000	Coastal
120710103034021	010303	4021	$440,000	Coastal
120710103034022	010303	4022	$481,000	Coastal
120710103034023	010303	4023	$27,000	Coastal
120710103041000	010304	1000	$45,000	Coastal
120710103041001	010304	1001	$4,000	Coastal
120710103041002	010304	1002	$7,000	Coastal
120710103041003	010304	1003	$13,000	Coastal
120710103041004	010304	1004	$6,000	Coastal
120710103041005	010304	1005	$3,000	Coastal
120710103041006	010304	1006	$2,000	Coastal
120710103041007	010304	1007	$4,000	Coastal
120710103041008	010304	1008	$8,000	Coastal
120710103041009	010304	1009	$4,000	Coastal
120710103041010	010304	1010	$4,000	Coastal
120710103041011	010304	1011	$5,000	Coastal
120710103041012	010304	1012	$3,000	Coastal
120710103041013	010304	1013	$6,000	Coastal
120710103041014	010304	1014	$4,000	Coastal
120710103041015	010304	1015	$5,000	Coastal
120710103041016	010304	1016	$24,000	Coastal
120710103041017	010304	1017	$9,000	Coastal
120710103041018	010304	1018	$19,000	Coastal
120710103041019	010304	1019	$32,000	Coastal
120710103041020	010304	1020	$259,000	Coastal
120710103041021	010304	1021	$24,000	Coastal
120710103041022	010304	1022	$17,000	Coastal
120710103041023	010304	1023	$23,000	Coastal
120710103041024	010304	1024	$13,000	Coastal
120710103041025	010304	1025	$8,000	Coastal
120710103041026	010304	1026	$9,000	Coastal
120710103041027	010304	1027	$18,000	Coastal
120710103041028	010304	1028	$16,000	Coastal
120710103041029	010304	1029	$23,000	Coastal
120710103041030	010304	1030	$90,000	Coastal
120710103041031	010304	1031	$63,000	Coastal
120710103041032	010304	1032	$120,000	Coastal
120710103041033	010304	1033	$28,000	Coastal
120710103041034	010304	1034	$84,000	Coastal
120710103041035	010304	1035	$58,000	Coastal
120710103041036	010304	1036	$16,000	Coastal
120710103041037	010304	1037	$38,000	Coastal
120710103041038	010304	1038	$142,000	Coastal
120710103042000	010304	2000	$35,000	Coastal
120710103042001	010304	2001	$240,000	Coastal
120710103042002	010304	2002	$26,000	Coastal
120710103042003	010304	2003	$14,000	Coastal
120710103042004	010304	2004	$7,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103042005	010304	2005	$8,000	Coastal
120710103042006	010304	2006	$9,000	Coastal
120710103042007	010304	2007	$37,000	Coastal
120710103042008	010304	2008	$13,000	Coastal
120710103042009	010304	2009	$33,000	Coastal
120710103042010	010304	2010	$40,000	Coastal
120710103042011	010304	2011	$7,000	Coastal
120710103042012	010304	2012	$8,000	Coastal
120710103042013	010304	2013	$8,000	Coastal
120710103042014	010304	2014	$13,000	Coastal
120710103042015	010304	2015	$26,000	Coastal
120710103042016	010304	2016	$14,000	Coastal
120710103042017	010304	2017	$23,000	Coastal
120710103042018	010304	2018	$145,000	Coastal
120710103042019	010304	2019	$61,000	Coastal
120710103042020	010304	2020	$96,000	Coastal
120710103042021	010304	2021	$46,000	Coastal
120710103042022	010304	2022	$39,000	Coastal
120710103042023	010304	2023	$53,000	Coastal
120710103042024	010304	2024	$218,000	Coastal
120710103042025	010304	2025	$69,000	Coastal
120710103043000	010304	3000	$1,335,000	Coastal
120710103043001	010304	3001	$88,000	Coastal
120710103043002	010304	3002	$870,000	Coastal
120710103043003	010304	3003	$712,000	Coastal
120710103043004	010304	3004	$594,000	Coastal
120710103043005	010304	3005	$575,000	Coastal
120710103043006	010304	3006	$771,000	Coastal
120710103043007	010304	3007	$222,000	Coastal
120710103043008	010304	3008	$464,000	Coastal
120710103043009	010304	3009	$57,000	Coastal
120710103043010	010304	3010	$105,000	Coastal
120710103043011	010304	3011	$259,000	Coastal
120710103043012	010304	3012	$30,000	Coastal
120710103043013	010304	3013	$86,000	Coastal
120710103043014	010304	3014	$60,000	Coastal
120710103043015	010304	3015	$38,000	Coastal
120710103043016	010304	3016	$79,000	Coastal
120710103043017	010304	3017	$315,000	Coastal
120710103043018	010304	3018	$87,000	Coastal
120710103043019	010304	3019	$75,000	Coastal
120710103043020	010304	3020	$74,000	Coastal
120710103043021	010304	3021	$209,000	Coastal
120710103043022	010304	3022	$386,000	Coastal
120710103043023	010304	3023	$333,000	Coastal
120710103043024	010304	3024	$263,000	Coastal
120710103043025	010304	3025	$155,000	Coastal
120710103043026	010304	3026	$204,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103043027	010304	3027	$194,000	Coastal
120710103043028	010304	3028	$189,000	Coastal
120710103043029	010304	3029	$158,000	Coastal
120710103043030	010304	3030	$329,000	Coastal
120710103043031	010304	3031	$2,024,000	Coastal
120710103043032	010304	3032	$81,000	Coastal
120710103043033	010304	3033	$89,000	Coastal
120710103043034	010304	3034	$172,000	Coastal
120710103043035	010304	3035	$86,000	Coastal
120710103043036	010304	3036	$1,779,000	Coastal
120710103043037	010304	3037	$148,000	Coastal
120710103043038	010304	3038	$122,000	Coastal
120710103043039	010304	3039	$213,000	Coastal
120710103043040	010304	3040	$1,978,000	Coastal
120710103043041	010304	3041	$116,000	Coastal
120710103043042	010304	3042	$145,000	Coastal
120710103043043	010304	3043	$80,000	Coastal
120710103043044	010304	3044	$99,000	Coastal
120710103043045	010304	3045	$600,000	Coastal
120710103043047	010304	3047	$32,000	Coastal
120710103043048	010304	3048	$147,000	Coastal
120710103043049	010304	3049	$107,000	Coastal
120710103044000	010304	4000	$254,000	Coastal
120710103044001	010304	4001	$238,000	Coastal
120710103044002	010304	4002	$70,000	Coastal
120710103044003	010304	4003	$76,000	Coastal
120710103044004	010304	4004	$73,000	Coastal
120710103044005	010304	4005	$88,000	Coastal
120710103044006	010304	4006	$1,097,000	Coastal
120710103044007	010304	4007	$118,000	Coastal
120710103044008	010304	4008	$99,000	Coastal
120710103044009	010304	4009	$93,000	Coastal
120710103044010	010304	4010	$108,000	Coastal
120710103044011	010304	4011	$270,000	Coastal
120710103044012	010304	4012	$220,000	Coastal
120710103044013	010304	4013	$84,000	Coastal
120710103044014	010304	4014	$108,000	Coastal
120710103044015	010304	4015	$91,000	Coastal
120710103044016	010304	4016	$207,000	Coastal
120710103044017	010304	4017	$218,000	Coastal
120710103044018	010304	4018	$169,000	Coastal
120710103044019	010304	4019	$380,000	Coastal
120710103044020	010304	4020	$372,000	Coastal
120710103044021	010304	4021	$248,000	Coastal
120710103051000	010305	1000	$496,000	Coastal
120710103051001	010305	1001	$10,000	Coastal
120710103051002	010305	1002	$15,000	Coastal
120710103051003	010305	1003	$2,951,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103051004	010305	1004	$26,000	Coastal
120710103051005	010305	1005	$457,000	Coastal
120710103051006	010305	1006	$36,000	Coastal
120710103051007	010305	1007	$15,000	Coastal
120710103051008	010305	1008	$63,000	Coastal
120710103051009	010305	1009	$250,000	Coastal
120710103051011	010305	1011	$1,439,000	Coastal
120710103051012	010305	1012	$430,000	Coastal
120710103052000	010305	2000	$1,299,000	Coastal
120710103052001	010305	2001	$133,000	Coastal
120710103052002	010305	2002	$670,000	Coastal
120710103052003	010305	2003	$219,000	Coastal
120710103052004	010305	2004	$3,227,000	Coastal
120710103052005	010305	2005	$121,000	Coastal
120710103052006	010305	2006	$122,000	Coastal
120710103052007	010305	2007	$121,000	Coastal
120710103052008	010305	2008	$124,000	Coastal
120710103052009	010305	2009	$130,000	Coastal
120710103052010	010305	2010	$3,026,000	Coastal
120710103052011	010305	2011	$114,000	Coastal
120710103061000	010306	1000	$7,000	Coastal
120710103061001	010306	1001	$2,000	Coastal
120710103061002	010306	1002	$2,000	Coastal
120710103061003	010306	1003	$175,000	Coastal
120710103061004	010306	1004	$5,000	Coastal
120710103061005	010306	1005	$200,000	Coastal
120710103061007	010306	1007	$7,000	Coastal
120710103061008	010306	1008	$17,000	Coastal
120710103061009	010306	1009	$14,000	Coastal
120710103061010	010306	1010	$4,000	Coastal
120710103061011	010306	1011	$4,000	Coastal
120710103061013	010306	1013	$13,000	Coastal
120710103061014	010306	1014	$10,000	Coastal
120710103061015	010306	1015	$2,000	Coastal
120710103061017	010306	1017	$4,000	Coastal
120710103061018	010306	1018	$14,000	Coastal
120710103061019	010306	1019	$18,000	Coastal
120710103061020	010306	1020	$1,000	Coastal
120710103061023	010306	1023	$4,000	Coastal
120710103061024	010306	1024	$6,000	Coastal
120710103061025	010306	1025	$40,000	Coastal
120710103061026	010306	1026	$7,000	Coastal
120710103061027	010306	1027	$1,000	Coastal
120710103061028	010306	1028	$5,000	Coastal
120710103061029	010306	1029	$2,000	Coastal
120710103061030	010306	1030	$4,000	Coastal
120710103061031	010306	1031	$6,000	Coastal
120710103061032	010306	1032	$18,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103061033	010306	1033	$30,000	Coastal
120710103061034	010306	1034	$9,000	Coastal
120710103061035	010306	1035	$4,000	Coastal
120710103061037	010306	1037	$13,000	Coastal
120710103062000	010306	2000	$10,000	Coastal
120710103062001	010306	2001	$4,000	Coastal
120710103062002	010306	2002	$5,000	Coastal
120710103062003	010306	2003	$5,000	Coastal
120710103062004	010306	2004	$2,000	Coastal
120710103062005	010306	2005	$2,000	Coastal
120710103062006	010306	2006	$3,000	Coastal
120710103062010	010306	2010	$27,000	Coastal
120710103062011	010306	2011	$13,000	Coastal
120710103063000	010306	3000	$9,000	Coastal
120710103063002	010306	3002	$1,000	Coastal
120710103063003	010306	3003	$12,000	Coastal
120710103063004	010306	3004	$3,000	Coastal
120710103063005	010306	3005	$3,000	Coastal
120710103063006	010306	3006	$1,000	Coastal
120710103063008	010306	3008	$1,000	Coastal
120710103063009	010306	3009	$1,000	Coastal
120710103063010	010306	3010	$2,000	Coastal
120710103063014	010306	3014	$41,000	Coastal
120710103063015	010306	3015	$2,000	Coastal
120710103063016	010306	3016	$1,000	Coastal
120710103063017	010306	3017	$3,000	Coastal
120710103063018	010306	3018	$1,000	Coastal
120710103063019	010306	3019	$5,000	Coastal
120710103063020	010306	3020	$12,000	Coastal
120710103063021	010306	3021	$3,000	Coastal
120710103063022	010306	3022	$7,000	Coastal
120710103063023	010306	3023	$4,000	Coastal
120710103063024	010306	3024	$12,000	Coastal
120710103063025	010306	3025	$12,000	Coastal
120710103063026	010306	3026	$16,000	Coastal
120710103063027	010306	3027	$11,000	Coastal
120710103063028	010306	3028	$7,000	Coastal
120710103063029	010306	3029	$2,000	Coastal
120710103063031	010306	3031	$6,000	Coastal
120710103063032	010306	3032	$14,000	Coastal
120710103063033	010306	3033	$13,000	Coastal
120710103063034	010306	3034	$13,000	Coastal
120710103063035	010306	3035	$9,000	Coastal
120710103063036	010306	3036	$3,000	Coastal
120710103063037	010306	3037	$3,000	Coastal
120710103063038	010306	3038	$3,000	Coastal
120710103063039	010306	3039	$1,000	Coastal
120710103063042	010306	3042	$1,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103063043	010306	3043	$5,000	Coastal
120710103063044	010306	3044	$14,000	Coastal
120710103063045	010306	3045	$52,000	Coastal
120710103063052	010306	3052	$1,000	Coastal
120710103063053	010306	3053	$1,000	Coastal
120710103063054	010306	3054	$1,000	Coastal
120710103071000	010307	1000	$30,000	Coastal
120710103071002	010307	1002	$1,000	Coastal
120710103071003	010307	1003	$2,000	Coastal
120710103071004	010307	1004	$35,000	Coastal
120710103071005	010307	1005	$3,000	Coastal
120710103071006	010307	1006	$2,000	Coastal
120710103071008	010307	1008	$4,000	Coastal
120710103071010	010307	1010	$8,000	Coastal
120710103071011	010307	1011	$19,000	Coastal
120710103071012	010307	1012	$5,000	Coastal
120710103071013	010307	1013	$5,000	Coastal
120710103071014	010307	1014	$1,000	Coastal
120710103071015	010307	1015	$9,000	Coastal
120710103071016	010307	1016	$9,000	Coastal
120710103071017	010307	1017	$6,000	Coastal
120710103071018	010307	1018	$1,000	Coastal
120710103071019	010307	1019	$3,000	Coastal
120710103071020	010307	1020	$2,000	Coastal
120710103071021	010307	1021	$13,000	Coastal
120710103071022	010307	1022	$93,000	Coastal
120710103071024	010307	1024	$10,000	Coastal
120710103071025	010307	1025	$3,000	Coastal
120710103071026	010307	1026	$3,000	Coastal
120710103071027	010307	1027	$2,000	Coastal
120710103071028	010307	1028	$2,000	Coastal
120710103071029	010307	1029	$11,000	Coastal
120710103071031	010307	1031	$8,000	Coastal
120710103071032	010307	1032	$4,000	Coastal
120710103071033	010307	1033	$17,000	Coastal
120710103071034	010307	1034	$10,000	Coastal
120710103071035	010307	1035	$6,000	Coastal
120710103071036	010307	1036	$5,000	Coastal
120710103071037	010307	1037	$9,000	Coastal
120710103071039	010307	1039	$5,000	Coastal
120710103072000	010307	2000	$223,000	Coastal
120710103072001	010307	2001	$3,000	Coastal
120710103072002	010307	2002	$28,000	Coastal
120710103072003	010307	2003	$6,000	Coastal
120710103072004	010307	2004	$12,000	Coastal
120710103072005	010307	2005	$19,000	Coastal
120710103072006	010307	2006	$5,000	Coastal
120710103072007	010307	2007	$12,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103072008	010307	2008	$1,000	Coastal
120710103072009	010307	2009	$2,000	Coastal
120710103072010	010307	2010	$5,000	Coastal
120710103072011	010307	2011	$10,000	Coastal
120710103072013	010307	2013	$1,000	Coastal
120710103072014	010307	2014	$3,000	Coastal
120710103072015	010307	2015	$5,000	Coastal
120710103072016	010307	2016	$4,000	Coastal
120710103072017	010307	2017	$13,000	Coastal
120710103072018	010307	2018	$9,000	Coastal
120710103072019	010307	2019	$10,000	Coastal
120710103072020	010307	2020	$5,000	Coastal
120710103072021	010307	2021	$5,000	Coastal
120710103072022	010307	2022	$11,000	Coastal
120710103072023	010307	2023	$8,000	Coastal
120710103072024	010307	2024	$10,000	Coastal
120710103072025	010307	2025	$15,000	Coastal
120710103072026	010307	2026	$29,000	Coastal
120710103072027	010307	2027	$145,000	Coastal
120710103072028	010307	2028	$12,000	Coastal
120710103072029	010307	2029	$18,000	Coastal
120710103072030	010307	2030	$180,000	Coastal
120710103072031	010307	2031	$2,000	Coastal
120710103072032	010307	2032	$3,000	Coastal
120710103072033	010307	2033	$2,000	Coastal
120710103072034	010307	2034	$8,000	Coastal
120710103072035	010307	2035	$4,000	Coastal
120710103072036	010307	2036	$2,000	Coastal
120710103072037	010307	2037	$2,000	Coastal
120710103072038	010307	2038	$2,000	Coastal
120710103072039	010307	2039	$2,000	Coastal
120710103072040	010307	2040	$1,000	Coastal
120710103072041	010307	2041	$12,000	Coastal
120710103072042	010307	2042	$91,000	Coastal
120710103072043	010307	2043	$42,000	Coastal
120710103072044	010307	2044	$43,000	Coastal
120710103072045	010307	2045	$61,000	Coastal
120710103072046	010307	2046	$20,000	Coastal
120710103072047	010307	2047	$44,000	Coastal
120710103072048	010307	2048	$25,000	Coastal
120710103073000	010307	3000	$8,000	Coastal
120710103073001	010307	3001	$132,000	Coastal
120710103073002	010307	3002	$44,000	Coastal
120710103073003	010307	3003	$75,000	Coastal
120710103073004	010307	3004	$14,000	Coastal
120710103073006	010307	3006	$6,000	Coastal
120710103073007	010307	3007	$155,000	Coastal
120710103073011	010307	3011	$24,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710103073013	010307	3013	$44,000	Coastal
120710104011000	010401	1000	$66,000	Coastal
120710104011001	010401	1001	$11,000	Coastal
120710104011002	010401	1002	$273,000	Coastal
120710104011004	010401	1004	$88,000	Coastal
120710104011005	010401	1005	$115,000	Coastal
120710104011008	010401	1008	$238,000	Coastal
120710104011009	010401	1009	$27,000	Coastal
120710104011010	010401	1010	$403,000	Total
120710104011012	010401	1012	$1,606,000	Coastal
120710104011014	010401	1014	$16,000	Total
120710104011016	010401	1016	$19,000	Coastal
120710104011021	010401	1021	$45,000	Coastal
120710104011022	010401	1022	$6,000	Coastal
120710104011023	010401	1023	$5,000	Coastal
120710104011027	010401	1027	$15,000	Coastal
120710104011028	010401	1028	$51,000	Coastal
120710104011029	010401	1029	$2,000	Coastal
120710104011030	010401	1030	$14,000	Coastal
120710104011031	010401	1031	$11,000	Coastal
120710104011032	010401	1032	$5,000	Coastal
120710104011033	010401	1033	$49,000	Coastal
120710104011036	010401	1036	$19,000	Total
120710104011038	010401	1038	$16,000	Coastal
120710104011039	010401	1039	$32,000	Coastal
120710104011041	010401	1041	$17,000	Coastal
120710104011042	010401	1042	$103,000	Coastal
120710104011043	010401	1043	$49,000	Coastal
120710104011044	010401	1044	$4,000	Coastal
120710104011045	010401	1045	$10,000	Coastal
120710104011046	010401	1046	$322,000	Total
120710104011047	010401	1047	$10,000	Coastal
120710104011048	010401	1048	$153,000	Total
120710104011049	010401	1049	$78,000	Total
120710104011050	010401	1050	$47,000	Total
120710104011051	010401	1051	$11,000	Total
120710104011052	010401	1052	$35,000	Total
120710104011053	010401	1053	$49,000	Total
120710104011055	010401	1055	$396,000	Total
120710104011056	010401	1056	$174,000	Total
120710104011059	010401	1059	$21,000	Total
120710104011062	010401	1062	$31,000	Total
120710104011064	010401	1064	$10,000	Total
120710104011065	010401	1065	$7,000	Total
120710104011066	010401	1066	$2,000	Total
120710104011068	010401	1068	$31,000	Coastal
120710104011069	010401	1069	$41,000	Coastal
120710104011070	010401	1070	$10,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104011071	010401	1071	$45,000	Total
120710104011072	010401	1072	$59,000	Total
120710104011074	010401	1074	$11,000	Total
120710104011075	010401	1075	$31,000	Total
120710104011084	010401	1084	$195,000	Total
120710104011085	010401	1085	$46,000	Total
120710104012001	010401	2001	$3,000	Coastal
120710104012002	010401	2002	$19,000	Coastal
120710104012003	010401	2003	$3,000	Coastal
120710104012006	010401	2006	$18,000	Coastal
120710104012008	010401	2008	$172,000	Coastal
120710104012009	010401	2009	$11,000	Coastal
120710104012010	010401	2010	$12,000	Coastal
120710104012011	010401	2011	$13,000	Coastal
120710104012012	010401	2012	$13,000	Coastal
120710104012013	010401	2013	$14,000	Coastal
120710104012014	010401	2014	$9,000	Coastal
120710104012015	010401	2015	$13,000	Coastal
120710104012016	010401	2016	$11,000	Coastal
120710104012017	010401	2017	$7,000	Coastal
120710104012018	010401	2018	$6,000	Coastal
120710104012019	010401	2019	$14,000	Coastal
120710104012020	010401	2020	$13,000	Coastal
120710104012021	010401	2021	$16,000	Coastal
120710104012022	010401	2022	$22,000	Coastal
120710104012023	010401	2023	$60,000	Coastal
120710104012024	010401	2024	$8,000	Coastal
120710104012025	010401	2025	$28,000	Coastal
120710104012026	010401	2026	$9,000	Coastal
120710104012027	010401	2027	$15,000	Coastal
120710104012028	010401	2028	$4,000	Coastal
120710104012029	010401	2029	$10,000	Coastal
120710104012030	010401	2030	$10,000	Coastal
120710104012031	010401	2031	$7,000	Coastal
120710104012032	010401	2032	$11,000	Coastal
120710104012033	010401	2033	$12,000	Coastal
120710104012034	010401	2034	$20,000	Coastal
120710104012035	010401	2035	$28,000	Coastal
120710104012037	010401	2037	$68,000	Coastal
120710104012038	010401	2038	$201,000	Coastal
120710104012039	010401	2039	$12,000	Coastal
120710104012040	010401	2040	$35,000	Coastal
120710104012041	010401	2041	$91,000	Coastal
120710104012042	010401	2042	$94,000	Coastal
120710104012043	010401	2043	$56,000	Coastal
120710104012044	010401	2044	$15,000	Coastal
120710104012045	010401	2045	$8,000	Coastal
120710104012047	010401	2047	$1,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104012049	010401	2049	$14,000	Coastal
120710104012051	010401	2051	$7,000	Coastal
120710104012052	010401	2052	$92,000	Coastal
120710104012053	010401	2053	$177,000	Coastal
120710104012054	010401	2054	$165,000	Coastal
120710104012055	010401	2055	$190,000	Coastal
120710104012056	010401	2056	$127,000	Coastal
120710104012057	010401	2057	$6,000	Coastal
120710104013000	010401	3000	$98,000	Coastal
120710104013001	010401	3001	$32,000	Total
120710104013002	010401	3002	$8,000	Total
120710104013003	010401	3003	$17,000	Total
120710104013005	010401	3005	$7,000	Coastal
120710104013006	010401	3006	$43,000	Total
120710104013007	010401	3007	$30,000	Total
120710104013008	010401	3008	$33,000	Total
120710104013009	010401	3009	$8,000	Total
120710104013010	010401	3010	$113,000	Total
120710104013011	010401	3011	$40,000	Total
120710104013012	010401	3012	$6,000	Total
120710104013013	010401	3013	$13,000	Coastal
120710104013014	010401	3014	$36,000	Coastal
120710104013015	010401	3015	$40,000	Total
120710104013016	010401	3016	$260,000	Total
120710104013019	010401	3019	$55,000	Coastal
120710104013020	010401	3020	$63,000	Coastal
120710104013022	010401	3022	$8,000	Coastal
120710104013024	010401	3024	$8,000	Coastal
120710104013025	010401	3025	$84,000	Total
120710104013026	010401	3026	$27,000	Coastal
120710104013027	010401	3027	$13,000	Coastal
120710104013029	010401	3029	$44,000	Coastal
120710104013030	010401	3030	$27,000	Coastal
120710104013031	010401	3031	$8,000	Coastal
120710104013032	010401	3032	$69,000	Coastal
120710104013033	010401	3033	$132,000	Total
120710104013035	010401	3035	$45,000	Total
120710104013036	010401	3036	$42,000	Total
120710104013037	010401	3037	$27,000	Total
120710104013038	010401	3038	$85,000	Total
120710104013039	010401	3039	$47,000	Total
120710104013040	010401	3040	$53,000	Total
120710104013041	010401	3041	$61,000	Total
120710104013042	010401	3042	$69,000	Total
120710104013043	010401	3043	$52,000	Total
120710104013044	010401	3044	$64,000	Total
120710104013045	010401	3045	$36,000	Total
120710104013046	010401	3046	$51,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104013047	010401	3047	$44,000	Coastal
120710104013048	010401	3048	$47,000	Coastal
120710104013049	010401	3049	$35,000	Coastal
120710104013050	010401	3050	$30,000	Coastal
120710104013051	010401	3051	$15,000	Coastal
120710104013052	010401	3052	$35,000	Coastal
120710104013053	010401	3053	$75,000	Coastal
120710104013055	010401	3055	$20,000	Coastal
120710104013056	010401	3056	$61,000	Coastal
120710104013057	010401	3057	$51,000	Coastal
120710104013058	010401	3058	$37,000	Coastal
120710104013059	010401	3059	$8,000	Coastal
120710104013060	010401	3060	$51,000	Coastal
120710104013061	010401	3061	$104,000	Coastal
120710104013062	010401	3062	$128,000	Coastal
120710104013064	010401	3064	$8,000	Coastal
120710104013066	010401	3066	$32,000	Coastal
120710104013067	010401	3067	$16,000	Coastal
120710104013068	010401	3068	$17,000	Coastal
120710104014000	010401	4000	$8,000	Coastal
120710104014001	010401	4001	$10,000	Coastal
120710104014002	010401	4002	$7,000	Coastal
120710104014003	010401	4003	$4,000	Coastal
120710104014004	010401	4004	$28,000	Coastal
120710104014005	010401	4005	$29,000	Coastal
120710104014006	010401	4006	$237,000	Coastal
120710104014009	010401	4009	$26,000	Coastal
120710104014010	010401	4010	$193,000	Total
120710104014011	010401	4011	$2,269,000	Coastal
120710104014012	010401	4012	$67,000	Coastal
120710104014013	010401	4013	$94,000	Coastal
120710104014014	010401	4014	$47,000	Total
120710104014015	010401	4015	$10,000	Total
120710104014016	010401	4016	$131,000	Total
120710104014017	010401	4017	$158,000	Coastal
120710104014018	010401	4018	$236,000	Coastal
120710104014019	010401	4019	$205,000	Coastal
120710104014020	010401	4020	$250,000	Coastal
120710104014021	010401	4021	$209,000	Coastal
120710104014022	010401	4022	$161,000	Coastal
120710104014023	010401	4023	$82,000	Coastal
120710104014024	010401	4024	$192,000	Coastal
120710104014025	010401	4025	$86,000	Coastal
120710104014026	010401	4026	$100,000	Coastal
120710104014027	010401	4027	$10,000	Coastal
120710104014029	010401	4029	$32,000	Coastal
120710104014030	010401	4030	$28,000	Coastal
120710104014031	010401	4031	$9,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104014032	010401	4032	$20,000	Coastal
120710104014033	010401	4033	$48,000	Coastal
120710104014034	010401	4034	$32,000	Coastal
120710104014035	010401	4035	$26,000	Coastal
120710104014036	010401	4036	$68,000	Coastal
120710104014038	010401	4038	$53,000	Coastal
120710104014040	010401	4040	$22,000	Coastal
120710104015000	010401	5000	$261,000	Total
120710104015003	010401	5003	$82,000	Coastal
120710104015004	010401	5004	$35,000	Coastal
120710104015005	010401	5005	$14,000	Total
120710104015006	010401	5006	$85,000	Total
120710104015007	010401	5007	$28,000	Total
120710104015008	010401	5008	$179,000	Total
120710104015009	010401	5009	$35,000	Total
120710104015010	010401	5010	$74,000	Total
120710104015012	010401	5012	$52,000	Total
120710104015013	010401	5013	$95,000	Coastal
120710104015014	010401	5014	$32,000	Coastal
120710104015016	010401	5016	$76,000	Total
120710104015017	010401	5017	$26,000	Total
120710104015019	010401	5019	$58,000	Total
120710104015020	010401	5020	$85,000	Total
120710104015021	010401	5021	$89,000	Total
120710104015022	010401	5022	$528,000	Total
120710104015023	010401	5023	$33,000	Total
120710104015025	010401	5025	$14,000	Total
120710104015026	010401	5026	$6,000	Total
120710104015028	010401	5028	$13,000	Total
120710104015029	010401	5029	$20,000	Total
120710104015030	010401	5030	$87,000	Total
120710104015031	010401	5031	$10,000	Coastal
120710104015032	010401	5032	$13,000	Total
120710104015033	010401	5033	$180,000	Total
120710104015034	010401	5034	$46,000	Total
120710104015035	010401	5035	$107,000	Total
120710104015036	010401	5036	$101,000	Total
120710104015037	010401	5037	$69,000	Total
120710104015038	010401	5038	$43,000	Total
120710104015039	010401	5039	$51,000	Total
120710104015040	010401	5040	$19,000	Total
120710104015041	010401	5041	$44,000	Total
120710104015042	010401	5042	$112,000	Total
120710104015043	010401	5043	$538,000	Total
120710104015044	010401	5044	$113,000	Total
120710104015045	010401	5045	$63,000	Coastal
120710104015046	010401	5046	$89,000	Coastal
120710104015047	010401	5047	$29,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104015048	010401	5048	$134,000	Coastal
120710104015049	010401	5049	$72,000	Coastal
120710104015052	010401	5052	$118,000	Total
120710104015053	010401	5053	$59,000	Coastal
120710104015054	010401	5054	$270,000	Coastal
120710104015055	010401	5055	$36,000	Coastal
120710104015056	010401	5056	$72,000	Coastal
120710104015057	010401	5057	$107,000	Coastal
120710104015058	010401	5058	$20,000	Coastal
120710104015059	010401	5059	$26,000	Coastal
120710104015060	010401	5060	$29,000	Coastal
120710104015061	010401	5061	$76,000	Coastal
120710104015062	010401	5062	$102,000	Coastal
120710104015063	010401	5063	$100,000	Coastal
120710104016001	010401	6001	$90,000	Coastal
120710104016002	010401	6002	$41,000	Coastal
120710104016003	010401	6003	$63,000	Coastal
120710104016004	010401	6004	$53,000	Coastal
120710104016005	010401	6005	$126,000	Coastal
120710104016006	010401	6006	$120,000	Coastal
120710104016007	010401	6007	$184,000	Coastal
120710104016008	010401	6008	$105,000	Coastal
120710104016009	010401	6009	$123,000	Coastal
120710104016010	010401	6010	$284,000	Coastal
120710104016011	010401	6011	$290,000	Coastal
120710104016012	010401	6012	$94,000	Coastal
120710104016013	010401	6013	$87,000	Coastal
120710104016015	010401	6015	$168,000	Coastal
120710104016016	010401	6016	$121,000	Coastal
120710104016017	010401	6017	$69,000	Coastal
120710104016018	010401	6018	$374,000	Coastal
120710104016019	010401	6019	$565,000	Coastal
120710104016020	010401	6020	$465,000	Coastal
120710104016021	010401	6021	$93,000	Coastal
120710104016022	010401	6022	$160,000	Coastal
120710104016023	010401	6023	$70,000	Coastal
120710104016024	010401	6024	$87,000	Coastal
120710104016025	010401	6025	$154,000	Total
120710104016026	010401	6026	$653,000	Total
120710104016027	010401	6027	$93,000	Coastal
120710104016030	010401	6030	$24,000	Coastal
120710104016031	010401	6031	$88,000	Coastal
120710104016032	010401	6032	$85,000	Coastal
120710104016033	010401	6033	$79,000	Coastal
120710104016034	010401	6034	$106,000	Coastal
120710104016035	010401	6035	$69,000	Coastal
120710104016036	010401	6036	$120,000	Total
120710104016037	010401	6037	$47,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104016038	010401	6038	$36,000	Total
120710104016039	010401	6039	$24,000	Total
120710104016040	010401	6040	$174,000	Total
120710104016041	010401	6041	$164,000	Coastal
120710104016042	010401	6042	$117,000	Coastal
120710104016043	010401	6043	$82,000	Coastal
120710104016044	010401	6044	$111,000	Coastal
120710104016045	010401	6045	$120,000	Coastal
120710104016046	010401	6046	$165,000	Coastal
120710104016047	010401	6047	$219,000	Coastal
120710104016048	010401	6048	$128,000	Coastal
120710104016049	010401	6049	$167,000	Coastal
120710104016050	010401	6050	$63,000	Coastal
120710104016051	010401	6051	$68,000	Coastal
120710104016052	010401	6052	$66,000	Coastal
120710104016053	010401	6053	$67,000	Coastal
120710104016054	010401	6054	$152,000	Coastal
120710104016055	010401	6055	$101,000	Coastal
120710104016056	010401	6056	$42,000	Coastal
120710104017000	010401	7000	$1,270,000	Coastal
120710104017002	010401	7002	$24,000	Coastal
120710104017003	010401	7003	$48,000	Coastal
120710104017005	010401	7005	$68,000	Coastal
120710104017006	010401	7006	$25,000	Coastal
120710104017009	010401	7009	$67,000	Coastal
120710104017010	010401	7010	$55,000	Coastal
120710104017011	010401	7011	$66,000	Coastal
120710104017012	010401	7012	$143,000	Coastal
120710104017013	010401	7013	$83,000	Coastal
120710104017014	010401	7014	$11,000	Coastal
120710104017015	010401	7015	$176,000	Coastal
120710104017016	010401	7016	$32,000	Coastal
120710104017017	010401	7017	$40,000	Coastal
120710104017018	010401	7018	$22,000	Coastal
120710104017019	010401	7019	$84,000	Coastal
120710104017020	010401	7020	$82,000	Coastal
120710104017021	010401	7021	$125,000	Coastal
120710104017022	010401	7022	$123,000	Coastal
120710104017023	010401	7023	$138,000	Coastal
120710104017024	010401	7024	$504,000	Coastal
120710104017025	010401	7025	$135,000	Coastal
120710104017026	010401	7026	$160,000	Coastal
120710104017027	010401	7027	$4,607,000	Coastal
120710104017028	010401	7028	$106,000	Coastal
120710104017029	010401	7029	$184,000	Coastal
120710104017030	010401	7030	$220,000	Coastal
120710104017031	010401	7031	$287,000	Coastal
120710104017032	010401	7032	$223,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104017033	010401	7033	$118,000	Coastal
120710104017034	010401	7034	$58,000	Coastal
120710104017035	010401	7035	$161,000	Coastal
120710104017036	010401	7036	$100,000	Coastal
120710104017037	010401	7037	$418,000	Coastal
120710104017038	010401	7038	$236,000	Coastal
120710104017039	010401	7039	$37,000	Coastal
120710104017040	010401	7040	$129,000	Coastal
120710104017041	010401	7041	$92,000	Coastal
120710104017042	010401	7042	$248,000	Coastal
120710104017043	010401	7043	$75,000	Coastal
120710104017044	010401	7044	$201,000	Coastal
120710104017045	010401	7045	$69,000	Coastal
120710104017046	010401	7046	$37,000	Coastal
120710104017047	010401	7047	$111,000	Coastal
120710104017048	010401	7048	$163,000	Coastal
120710104017049	010401	7049	$33,000	Coastal
120710104017052	010401	7052	$26,000	Coastal
120710104017053	010401	7053	$276,000	Coastal
120710104017054	010401	7054	$61,000	Coastal
120710104017055	010401	7055	$17,000	Coastal
120710104017056	010401	7056	$40,000	Coastal
120710104017057	010401	7057	$439,000	Coastal
120710104017058	010401	7058	$24,000	Coastal
120710104017059	010401	7059	$390,000	Coastal
120710104017061	010401	7061	$151,000	Coastal
120710104017062	010401	7062	$124,000	Coastal
120710104017064	010401	7064	$11,000	Coastal
120710104017065	010401	7065	$45,000	Coastal
120710104018000	010401	8000	$43,000	Coastal
120710104018001	010401	8001	$165,000	Coastal
120710104018003	010401	8003	$241,000	Coastal
120710104018004	010401	8004	$227,000	Coastal
120710104018005	010401	8005	$106,000	Coastal
120710104018006	010401	8006	$178,000	Coastal
120710104018007	010401	8007	$139,000	Coastal
120710104018008	010401	8008	$92,000	Coastal
120710104018009	010401	8009	$222,000	Coastal
120710104018010	010401	8010	$172,000	Coastal
120710104018011	010401	8011	$104,000	Coastal
120710104018012	010401	8012	$105,000	Coastal
120710104018013	010401	8013	$113,000	Coastal
120710104018014	010401	8014	$191,000	Coastal
120710104018015	010401	8015	$57,000	Coastal
120710104018016	010401	8016	$371,000	Coastal
120710104018017	010401	8017	$333,000	Coastal
120710104018018	010401	8018	$22,000	Coastal
120710104018019	010401	8019	$118,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104018023	010401	8023	$188,000	Coastal
120710104018024	010401	8024	$183,000	Coastal
120710104018025	010401	8025	$131,000	Coastal
120710104018026	010401	8026	$135,000	Coastal
120710104018027	010401	8027	$32,000	Coastal
120710104018028	010401	8028	$323,000	Coastal
120710104018029	010401	8029	$142,000	Coastal
120710104018030	010401	8030	$77,000	Coastal
120710104018031	010401	8031	$189,000	Coastal
120710104018032	010401	8032	$163,000	Coastal
120710104018033	010401	8033	$134,000	Coastal
120710104018034	010401	8034	$121,000	Coastal
120710104018035	010401	8035	$53,000	Coastal
120710104018036	010401	8036	$141,000	Coastal
120710104018037	010401	8037	$19,000	Coastal
120710104018038	010401	8038	$166,000	Coastal
120710104018039	010401	8039	$88,000	Coastal
120710104018040	010401	8040	$47,000	Coastal
120710104018041	010401	8041	$94,000	Coastal
120710104018042	010401	8042	$115,000	Coastal
120710104018043	010401	8043	$133,000	Coastal
120710104018044	010401	8044	$146,000	Coastal
120710104018045	010401	8045	$70,000	Coastal
120710104018046	010401	8046	$33,000	Coastal
120710104018047	010401	8047	$66,000	Coastal
120710104018048	010401	8048	$59,000	Coastal
120710104018049	010401	8049	$156,000	Coastal
120710104018050	010401	8050	$47,000	Coastal
120710104018051	010401	8051	$66,000	Coastal
120710104018052	010401	8052	$104,000	Coastal
120710104018053	010401	8053	$197,000	Coastal
120710104018054	010401	8054	$73,000	Coastal
120710104018055	010401	8055	$131,000	Coastal
120710104018057	010401	8057	$53,000	Coastal
120710104018058	010401	8058	$237,000	Coastal
120710104018059	010401	8059	$153,000	Coastal
120710104018060	010401	8060	$402,000	Coastal
120710104018061	010401	8061	$22,000	Coastal
120710104018062	010401	8062	$141,000	Coastal
120710104018063	010401	8063	$401,000	Coastal
120710104018064	010401	8064	$125,000	Coastal
120710104041001	010404	1001	$4,000	Coastal
120710104041003	010404	1003	$10,000	Coastal
120710104041004	010404	1004	$4,000	Coastal
120710104041005	010404	1005	$13,000	Coastal
120710104041006	010404	1006	$9,000	Coastal
120710104041007	010404	1007	$5,000	Coastal
120710104041008	010404	1008	$180,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104041009	010404	1009	$6,000	Coastal
120710104041010	010404	1010	$15,000	Coastal
120710104041011	010404	1011	$13,000	Coastal
120710104041012	010404	1012	$14,000	Coastal
120710104041013	010404	1013	$4,000	Coastal
120710104041014	010404	1014	$21,000	Coastal
120710104041015	010404	1015	$1,000	Coastal
120710104041017	010404	1017	$12,000	Coastal
120710104041018	010404	1018	$15,000	Coastal
120710104041019	010404	1019	$46,000	Coastal
120710104041022	010404	1022	$13,000	Coastal
120710104041023	010404	1023	$41,000	Coastal
120710104041024	010404	1024	$31,000	Coastal
120710104041025	010404	1025	$2,000	Coastal
120710104041026	010404	1026	$6,000	Coastal
120710104041027	010404	1027	$12,000	Coastal
120710104041028	010404	1028	$5,000	Coastal
120710104041029	010404	1029	$10,000	Coastal
120710104041030	010404	1030	$6,000	Coastal
120710104041031	010404	1031	$10,000	Coastal
120710104041032	010404	1032	$11,000	Coastal
120710104041033	010404	1033	$22,000	Coastal
120710104041034	010404	1034	$2,000	Coastal
120710104041035	010404	1035	$18,000	Coastal
120710104041036	010404	1036	$19,000	Coastal
120710104041037	010404	1037	$112,000	Coastal
120710104041038	010404	1038	$16,000	Coastal
120710104041039	010404	1039	$9,000	Coastal
120710104041040	010404	1040	$41,000	Coastal
120710104041041	010404	1041	$9,000	Coastal
120710104041042	010404	1042	$10,000	Coastal
120710104041043	010404	1043	$9,000	Coastal
120710104041044	010404	1044	$8,000	Coastal
120710104041045	010404	1045	$16,000	Coastal
120710104041046	010404	1046	$45,000	Coastal
120710104041047	010404	1047	$98,000	Coastal
120710104041048	010404	1048	$49,000	Coastal
120710104041049	010404	1049	$42,000	Coastal
120710104041050	010404	1050	$28,000	Coastal
120710104041051	010404	1051	$141,000	Coastal
120710104041052	010404	1052	$11,000	Coastal
120710104041053	010404	1053	$1,000	Coastal
120710104041054	010404	1054	$8,000	Coastal
120710104041055	010404	1055	$5,000	Coastal
120710104041056	010404	1056	$27,000	Coastal
120710104041057	010404	1057	$92,000	Coastal
120710104041058	010404	1058	$62,000	Coastal
120710104041059	010404	1059	$11,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104041060	010404	1060	$31,000	Coastal
120710104041061	010404	1061	$36,000	Coastal
120710104041062	010404	1062	$101,000	Coastal
120710104041064	010404	1064	$64,000	Coastal
120710104042000	010404	2000	$33,000	Coastal
120710104042001	010404	2001	$27,000	Coastal
120710104042002	010404	2002	$532,000	Coastal
120710104042003	010404	2003	$150,000	Coastal
120710104042004	010404	2004	$89,000	Coastal
120710104042005	010404	2005	$50,000	Coastal
120710104042006	010404	2006	$15,000	Coastal
120710104042007	010404	2007	$10,000	Coastal
120710104042008	010404	2008	$9,000	Coastal
120710104042009	010404	2009	$28,000	Coastal
120710104042010	010404	2010	$49,000	Coastal
120710104042011	010404	2011	$71,000	Coastal
120710104042012	010404	2012	$60,000	Coastal
120710104042013	010404	2013	$66,000	Coastal
120710104042014	010404	2014	$23,000	Coastal
120710104042015	010404	2015	$135,000	Coastal
120710104042016	010404	2016	$25,000	Coastal
120710104042017	010404	2017	$408,000	Total
120710104042018	010404	2018	$50,000	Coastal
120710104042019	010404	2019	$124,000	Coastal
120710104042020	010404	2020	$10,000	Coastal
120710104042021	010404	2021	$56,000	Coastal
120710104042022	010404	2022	$59,000	Total
120710104042023	010404	2023	$35,000	Coastal
120710104042024	010404	2024	$119,000	Coastal
120710104042026	010404	2026	$15,000	Coastal
120710104042027	010404	2027	$417,000	Coastal
120710104042028	010404	2028	$273,000	Total
120710104042030	010404	2030	$42,000	Coastal
120710104042031	010404	2031	$91,000	Coastal
120710104042032	010404	2032	$25,000	Coastal
120710104042033	010404	2033	$64,000	Coastal
120710104042034	010404	2034	$8,000	Coastal
120710104042038	010404	2038	$77,000	Coastal
120710104042039	010404	2039	$35,000	Total
120710104042041	010404	2041	$8,000	Total
120710104042042	010404	2042	$41,000	Coastal
120710104042043	010404	2043	$8,000	Coastal
120710104042044	010404	2044	$8,000	Coastal
120710104042049	010404	2049	$60,000	Total
120710104042050	010404	2050	$5,000	Coastal
120710104042051	010404	2051	$19,000	Coastal
120710104042053	010404	2053	$32,000	Coastal
120710104042054	010404	2054	$99,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104042055	010404	2055	$22,000	Coastal
120710104042056	010404	2056	$59,000	Coastal
120710104042058	010404	2058	$94,000	Coastal
120710104042060	010404	2060	$146,000	Total
120710104042061	010404	2061	$65,000	Coastal
120710104042062	010404	2062	$33,000	Coastal
120710104042063	010404	2063	$87,000	Coastal
120710104042064	010404	2064	$129,000	Coastal
120710104042065	010404	2065	$142,000	Coastal
120710104042066	010404	2066	$93,000	Total
120710104042068	010404	2068	$60,000	Total
120710104042069	010404	2069	$8,000	Total
120710104042070	010404	2070	$151,000	Total
120710104042071	010404	2071	$13,000	Coastal
120710104042072	010404	2072	$185,000	Total
120710104042073	010404	2073	$64,000	Coastal
120710104042074	010404	2074	$91,000	Coastal
120710104043001	010404	3001	$43,000	Coastal
120710104043002	010404	3002	$16,000	Coastal
120710104043003	010404	3003	$9,000	Coastal
120710104043004	010404	3004	$25,000	Coastal
120710104043005	010404	3005	$61,000	Coastal
120710104043010	010404	3010	$134,000	Coastal
120710104043011	010404	3011	$202,000	Coastal
120710104043012	010404	3012	$763,000	Total
120710104043013	010404	3013	$114,000	Coastal
120710104043014	010404	3014	$35,000	Total
120710104043016	010404	3016	$72,000	Coastal
120710104043017	010404	3017	$53,000	Coastal
120710104043018	010404	3018	$72,000	Coastal
120710104043019	010404	3019	$16,000	Total
120710104043020	010404	3020	$151,000	Coastal
120710104043021	010404	3021	$49,000	Total
120710104043022	010404	3022	$45,000	Total
120710104043023	010404	3023	$374,000	Total
120710104043024	010404	3024	$62,000	Total
120710104043025	010404	3025	$62,000	Total
120710104043026	010404	3026	$52,000	Coastal
120710104043027	010404	3027	$149,000	Coastal
120710104043029	010404	3029	$87,000	Coastal
120710104043030	010404	3030	$52,000	Coastal
120710104043031	010404	3031	$80,000	Coastal
120710104043032	010404	3032	$84,000	Total
120710104043033	010404	3033	$78,000	Coastal
120710104043034	010404	3034	$48,000	Coastal
120710104043035	010404	3035	$92,000	Coastal
120710104043036	010404	3036	$114,000	Coastal
120710104043037	010404	3037	$120,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104043038	010404	3038	$33,000	Coastal
120710104043039	010404	3039	$140,000	Coastal
120710104043041	010404	3041	$29,000	Coastal
120710104043042	010404	3042	$9,000	Total
120710104043044	010404	3044	$35,000	Total
120710104043045	010404	3045	$215,000	Total
120710104043046	010404	3046	$155,000	Coastal
120710104043047	010404	3047	$216,000	Coastal
120710104043048	010404	3048	$108,000	Total
120710104043049	010404	3049	$185,000	Coastal
120710104043050	010404	3050	$212,000	Coastal
120710104043051	010404	3051	$77,000	Coastal
120710104043052	010404	3052	$17,000	Coastal
120710104043053	010404	3053	$51,000	Coastal
120710104043054	010404	3054	$17,000	Coastal
120710104043055	010404	3055	$52,000	Coastal
120710104043056	010404	3056	$96,000	Coastal
120710104043057	010404	3057	$69,000	Coastal
120710104043058	010404	3058	$128,000	Coastal
120710104043059	010404	3059	$76,000	Coastal
120710104043060	010404	3060	$155,000	Coastal
120710104051000	010405	1000	$36,000	Coastal
120710104051001	010405	1001	$27,000	Coastal
120710104051002	010405	1002	$12,000	Coastal
120710104051003	010405	1003	$5,000	Coastal
120710104051004	010405	1004	$5,000	Coastal
120710104051005	010405	1005	$14,000	Coastal
120710104051006	010405	1006	$24,000	Coastal
120710104051007	010405	1007	$1,379,000	Coastal
120710104051008	010405	1008	$14,000	Coastal
120710104051009	010405	1009	$7,000	Coastal
120710104051010	010405	1010	$113,000	Coastal
120710104051011	010405	1011	$19,000	Coastal
120710104051012	010405	1012	$31,000	Coastal
120710104051013	010405	1013	$23,000	Coastal
120710104051014	010405	1014	$10,000	Coastal
120710104051015	010405	1015	$27,000	Coastal
120710104051016	010405	1016	$28,000	Coastal
120710104051017	010405	1017	$34,000	Coastal
120710104051018	010405	1018	$126,000	Coastal
120710104051019	010405	1019	$69,000	Coastal
120710104051020	010405	1020	$121,000	Coastal
120710104051021	010405	1021	$194,000	Coastal
120710104051022	010405	1022	$11,000	Total
120710104051023	010405	1023	$745,000	Total
120710104051024	010405	1024	$92,000	Coastal
120710104051025	010405	1025	$54,000	Coastal
120710104051026	010405	1026	$158,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104051027	010405	1027	$190,000	Coastal
120710104051028	010405	1028	$151,000	Total
120710104051029	010405	1029	$116,000	Coastal
120710104051030	010405	1030	$115,000	Coastal
120710104051031	010405	1031	$94,000	Coastal
120710104051032	010405	1032	$116,000	Total
120710104051033	010405	1033	$66,000	Coastal
120710104051034	010405	1034	$166,000	Coastal
120710104051035	010405	1035	$150,000	Coastal
120710104051036	010405	1036	$173,000	Coastal
120710104051037	010405	1037	$76,000	Coastal
120710104051038	010405	1038	$108,000	Coastal
120710104051039	010405	1039	$56,000	Coastal
120710104051040	010405	1040	$198,000	Coastal
120710104051041	010405	1041	$226,000	Coastal
120710104051042	010405	1042	$149,000	Coastal
120710104051043	010405	1043	$215,000	Total
120710104051044	010405	1044	$192,000	Total
120710104051045	010405	1045	$93,000	Coastal
120710104051046	010405	1046	$100,000	Coastal
120710104051047	010405	1047	$281,000	Total
120710104052000	010405	2000	$242,000	Coastal
120710104052001	010405	2001	$131,000	Coastal
120710104052002	010405	2002	$274,000	Coastal
120710104052003	010405	2003	$110,000	Coastal
120710104052004	010405	2004	$8,000	Coastal
120710104052005	010405	2005	$37,000	Coastal
120710104052006	010405	2006	$93,000	Coastal
120710104052007	010405	2007	$110,000	Coastal
120710104052008	010405	2008	$295,000	Total
120710104052009	010405	2009	$26,000	Total
120710104052010	010405	2010	$88,000	Coastal
120710104052011	010405	2011	$47,000	Coastal
120710104052012	010405	2012	$80,000	Coastal
120710104052013	010405	2013	$67,000	Total
120710104052014	010405	2014	$178,000	Coastal
120710104052015	010405	2015	$165,000	Coastal
120710104052016	010405	2016	$48,000	Coastal
120710104052017	010405	2017	$155,000	Coastal
120710104052018	010405	2018	$184,000	Coastal
120710104052019	010405	2019	$261,000	Coastal
120710104052020	010405	2020	$190,000	Coastal
120710104052021	010405	2021	$230,000	Coastal
120710104052022	010405	2022	$43,000	Coastal
120710104052023	010405	2023	$79,000	Coastal
120710104052024	010405	2024	$101,000	Coastal
120710104052025	010405	2025	$101,000	Coastal
120710104052026	010405	2026	$213,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104052027	010405	2027	$142,000	Coastal
120710104052028	010405	2028	$91,000	Coastal
120710104052029	010405	2029	$119,000	Coastal
120710104052030	010405	2030	$165,000	Total
120710104052031	010405	2031	$161,000	Coastal
120710104052032	010405	2032	$205,000	Coastal
120710104052033	010405	2033	$142,000	Coastal
120710104052034	010405	2034	$286,000	Coastal
120710104052035	010405	2035	$249,000	Coastal
120710104052036	010405	2036	$265,000	Coastal
120710104052037	010405	2037	$136,000	Coastal
120710104052038	010405	2038	$232,000	Total
120710104052039	010405	2039	$87,000	Coastal
120710104052040	010405	2040	$125,000	Coastal
120710104052041	010405	2041	$177,000	Coastal
120710104052042	010405	2042	$114,000	Coastal
120710104052043	010405	2043	$136,000	Coastal
120710104052044	010405	2044	$100,000	Coastal
120710104052045	010405	2045	$176,000	Total
120710104053000	010405	3000	$197,000	Total
120710104053001	010405	3001	$374,000	Total
120710104053002	010405	3002	$367,000	Total
120710104053003	010405	3003	$209,000	Total
120710104053004	010405	3004	$394,000	Total
120710104053005	010405	3005	$75,000	Total
120710104053006	010405	3006	$250,000	Coastal
120710104053007	010405	3007	$323,000	Total
120710104053008	010405	3008	$137,000	Total
120710104053009	010405	3009	$174,000	Total
120710104053010	010405	3010	$264,000	Coastal
120710104053011	010405	3011	$126,000	Coastal
120710104053012	010405	3012	$142,000	Coastal
120710104053013	010405	3013	$237,000	Total
120710104053014	010405	3014	$228,000	Total
120710104053015	010405	3015	$24,000	Total
120710104053016	010405	3016	$200,000	Coastal
120710104053017	010405	3017	$529,000	Total
120710104053018	010405	3018	$359,000	Total
120710104053019	010405	3019	$207,000	Coastal
120710104053020	010405	3020	$109,000	Total
120710104053021	010405	3021	$261,000	Coastal
120710104053023	010405	3023	$127,000	Coastal
120710104053024	010405	3024	$195,000	Total
120710104053034	010405	3034	$44,000	Total
120710104053035	010405	3035	$197,000	Total
120710104053036	010405	3036	$85,000	Coastal
120710104053038	010405	3038	$160,000	Coastal
120710104053039	010405	3039	$121,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104053040	010405	3040	$222,000	Total
120710104053041	010405	3041	$669,000	Total
120710104053042	010405	3042	$241,000	Coastal
120710104053043	010405	3043	$193,000	Coastal
120710104053044	010405	3044	$271,000	Coastal
120710104053045	010405	3045	$346,000	Coastal
120710104053046	010405	3046	$245,000	Total
120710104053047	010405	3047	$263,000	Total
120710104053048	010405	3048	$348,000	Total
120710104053049	010405	3049	$440,000	Total
120710104053050	010405	3050	$37,000	Total
120710104053051	010405	3051	$278,000	Total
120710104053052	010405	3052	$173,000	Total
120710104053053	010405	3053	$89,000	Total
120710104053054	010405	3054	$185,000	Total
120710104053055	010405	3055	$255,000	Total
120710104053056	010405	3056	$436,000	Total
120710104053057	010405	3057	$37,000	Total
120710104053058	010405	3058	$635,000	Total
120710104053059	010405	3059	$277,000	Total
120710104053060	010405	3060	$307,000	Total
120710104053061	010405	3061	$309,000	Total
120710104053062	010405	3062	$48,000	Total
120710104053063	010405	3063	$203,000	Total
120710104053064	010405	3064	$80,000	Total
120710104061000	010406	1000	$98,000	Coastal
120710104061001	010406	1001	$62,000	Coastal
120710104061002	010406	1002	$66,000	Coastal
120710104061003	010406	1003	$1,204,000	Coastal
120710104061004	010406	1004	$84,000	Coastal
120710104061005	010406	1005	$76,000	Coastal
120710104061006	010406	1006	$71,000	Coastal
120710104061007	010406	1007	$132,000	Coastal
120710104061008	010406	1008	$389,000	Coastal
120710104061009	010406	1009	$138,000	Coastal
120710104061010	010406	1010	$316,000	Coastal
120710104061012	010406	1012	$21,000	Coastal
120710104061013	010406	1013	$95,000	Coastal
120710104061014	010406	1014	$129,000	Coastal
120710104061015	010406	1015	$42,000	Coastal
120710104061016	010406	1016	$36,000	Coastal
120710104061017	010406	1017	$3,008,000	Coastal
120710104061018	010406	1018	$249,000	Coastal
120710104061019	010406	1019	$184,000	Coastal
120710104061020	010406	1020	$316,000	Coastal
120710104061021	010406	1021	$164,000	Coastal
120710104061022	010406	1022	$129,000	Coastal
120710104061024	010406	1024	$109,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104061025	010406	1025	$224,000	Coastal
120710104061026	010406	1026	$262,000	Coastal
120710104061027	010406	1027	$226,000	Coastal
120710104061028	010406	1028	$133,000	Coastal
120710104061029	010406	1029	$116,000	Coastal
120710104061030	010406	1030	$148,000	Coastal
120710104061031	010406	1031	$189,000	Coastal
120710104061032	010406	1032	$110,000	Coastal
120710104061033	010406	1033	$100,000	Coastal
120710104061034	010406	1034	$203,000	Coastal
120710104061035	010406	1035	$203,000	Coastal
120710104061036	010406	1036	$134,000	Coastal
120710104061037	010406	1037	$128,000	Coastal
120710104061038	010406	1038	$2,634,000	Coastal
120710104061039	010406	1039	$201,000	Coastal
120710104061040	010406	1040	$61,000	Coastal
120710104061041	010406	1041	$139,000	Coastal
120710104061043	010406	1043	$179,000	Coastal
120710104061044	010406	1044	$119,000	Coastal
120710104061046	010406	1046	$572,000	Coastal
120710104061047	010406	1047	$238,000	Coastal
120710104061048	010406	1048	$79,000	Coastal
120710104062000	010406	2000	$146,000	Coastal
120710104062001	010406	2001	$654,000	Coastal
120710104062002	010406	2002	$117,000	Coastal
120710104062003	010406	2003	$171,000	Coastal
120710104062004	010406	2004	$476,000	Total
120710104062006	010406	2006	$118,000	Coastal
120710104062007	010406	2007	$240,000	Coastal
120710104062008	010406	2008	$736,000	Coastal
120710104062009	010406	2009	$21,000	Total
120710104062010	010406	2010	$158,000	Coastal
120710104062011	010406	2011	$675,000	Coastal
120710104062012	010406	2012	$12,000	Total
120710104062013	010406	2013	$95,000	Total
120710104062014	010406	2014	$129,000	Coastal
120710104062015	010406	2015	$69,000	Coastal
120710104062016	010406	2016	$119,000	Coastal
120710104062018	010406	2018	$14,000	Total
120710104062019	010406	2019	$30,000	Total
120710104062020	010406	2020	$41,000	Total
120710104062021	010406	2021	$205,000	Coastal
120710104062022	010406	2022	$253,000	Coastal
120710104062023	010406	2023	$138,000	Coastal
120710104062024	010406	2024	$74,000	Coastal
120710104062025	010406	2025	$5,272,000	Coastal
120710104062026	010406	2026	$124,000	Coastal
120710104062027	010406	2027	$205,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104062028	010406	2028	$147,000	Coastal
120710104062029	010406	2029	$156,000	Coastal
120710104062030	010406	2030	$141,000	Coastal
120710104062031	010406	2031	$112,000	Coastal
120710104062032	010406	2032	$195,000	Coastal
120710104062033	010406	2033	$150,000	Coastal
120710104062034	010406	2034	$342,000	Coastal
120710104062035	010406	2035	$177,000	Coastal
120710104062036	010406	2036	$324,000	Coastal
120710104062037	010406	2037	$129,000	Coastal
120710104062038	010406	2038	$99,000	Coastal
120710104062039	010406	2039	$50,000	Coastal
120710104062040	010406	2040	$124,000	Coastal
120710104062041	010406	2041	$122,000	Coastal
120710104062042	010406	2042	$150,000	Coastal
120710104062043	010406	2043	$103,000	Coastal
120710104062044	010406	2044	$253,000	Coastal
120710104062045	010406	2045	$56,000	Coastal
120710104062047	010406	2047	$90,000	Coastal
120710104062048	010406	2048	$157,000	Coastal
120710104062049	010406	2049	$165,000	Coastal
120710104062050	010406	2050	$68,000	Coastal
120710104062051	010406	2051	$238,000	Coastal
120710104062052	010406	2052	$45,000	Coastal
120710104062053	010406	2053	$170,000	Coastal
120710104062054	010406	2054	$146,000	Coastal
120710104062055	010406	2055	$187,000	Coastal
120710104062056	010406	2056	$170,000	Coastal
120710104062057	010406	2057	$165,000	Coastal
120710104062058	010406	2058	$215,000	Coastal
120710104062059	010406	2059	$219,000	Coastal
120710104062060	010406	2060	$144,000	Coastal
120710104062061	010406	2061	$104,000	Coastal
120710104062062	010406	2062	$66,000	Coastal
120710104062063	010406	2063	$99,000	Coastal
120710104062064	010406	2064	$309,000	Coastal
120710104063000	010406	3000	$63,000	Coastal
120710104063001	010406	3001	$233,000	Total
120710104063003	010406	3003	$41,000	Coastal
120710104071000	010407	1000	$521,000	Coastal
120710104071001	010407	1001	$74,000	Coastal
120710104071002	010407	1002	$79,000	Coastal
120710104071003	010407	1003	$103,000	Coastal
120710104071004	010407	1004	$99,000	Coastal
120710104071005	010407	1005	$145,000	Coastal
120710104071006	010407	1006	$105,000	Coastal
120710104071007	010407	1007	$90,000	Coastal
120710104071008	010407	1008	$59,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104071009	010407	1009	$53,000	Coastal
120710104071010	010407	1010	$30,000	Coastal
120710104071011	010407	1011	$56,000	Coastal
120710104071012	010407	1012	$29,000	Total
120710104071013	010407	1013	$27,000	Total
120710104071014	010407	1014	$58,000	Coastal
120710104071015	010407	1015	$92,000	Coastal
120710104071016	010407	1016	$7,000	Coastal
120710104071017	010407	1017	$677,000	Coastal
120710104071018	010407	1018	$170,000	Coastal
120710104071019	010407	1019	$529,000	Coastal
120710104071020	010407	1020	$52,000	Coastal
120710104071021	010407	1021	$115,000	Coastal
120710104071022	010407	1022	$174,000	Coastal
120710104071023	010407	1023	$115,000	Coastal
120710104071024	010407	1024	$14,000	Coastal
120710104071025	010407	1025	$182,000	Coastal
120710104071026	010407	1026	$256,000	Coastal
120710104071027	010407	1027	$42,000	Coastal
120710104071028	010407	1028	$97,000	Coastal
120710104071029	010407	1029	$61,000	Coastal
120710104071030	010407	1030	$13,000	Coastal
120710104071031	010407	1031	$13,000	Coastal
120710104071032	010407	1032	$73,000	Coastal
120710104071033	010407	1033	$41,000	Coastal
120710104071034	010407	1034	$98,000	Coastal
120710104071035	010407	1035	$86,000	Coastal
120710104071036	010407	1036	$1,151,000	Coastal
120710104071037	010407	1037	$503,000	Coastal
120710104071038	010407	1038	$153,000	Coastal
120710104071039	010407	1039	$60,000	Coastal
120710104071040	010407	1040	$72,000	Coastal
120710104071041	010407	1041	$89,000	Coastal
120710104071042	010407	1042	$137,000	Coastal
120710104071043	010407	1043	$120,000	Coastal
120710104071044	010407	1044	$149,000	Coastal
120710104071045	010407	1045	$92,000	Coastal
120710104071046	010407	1046	$418,000	Coastal
120710104071047	010407	1047	$34,000	Total
120710104071048	010407	1048	$117,000	Total
120710104071049	010407	1049	$116,000	Coastal
120710104071050	010407	1050	$820,000	Coastal
120710104072000	010407	2000	$1,751,000	Total
120710104072001	010407	2001	$514,000	Coastal
120710104072002	010407	2002	$338,000	Coastal
120710104072003	010407	2003	$341,000	Total
120710104072004	010407	2004	$29,000	Total
120710104072005	010407	2005	$74,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104072006	010407	2006	$153,000	Coastal
120710104072007	010407	2007	$92,000	Total
120710104072008	010407	2008	$210,000	Coastal
120710104072009	010407	2009	$305,000	Coastal
120710104072010	010407	2010	$446,000	Coastal
120710104072012	010407	2012	$420,000	Coastal
120710104072014	010407	2014	$379,000	Coastal
120710104072017	010407	2017	$477,000	Coastal
120710104072019	010407	2019	$362,000	Coastal
120710104072021	010407	2021	$469,000	Coastal
120710104072022	010407	2022	$502,000	Coastal
120710104072024	010407	2024	$81,000	Coastal
120710104072025	010407	2025	$275,000	Coastal
120710104072026	010407	2026	$122,000	Total
120710104072027	010407	2027	$105,000	Total
120710104072028	010407	2028	$99,000	Total
120710104072029	010407	2029	$113,000	Total
120710104072030	010407	2030	$98,000	Total
120710104072037	010407	2037	$291,000	Coastal
120710104072038	010407	2038	$295,000	Coastal
120710104072039	010407	2039	$130,000	Coastal
120710104073000	010407	3000	$530,000	Total
120710104073002	010407	3002	$629,000	Coastal
120710104073003	010407	3003	$229,000	Coastal
120710104073005	010407	3005	$203,000	Total
120710104073006	010407	3006	$241,000	Total
120710104073007	010407	3007	$139,000	Coastal
120710104073008	010407	3008	$80,000	Coastal
120710104073009	010407	3009	$17,000	Total
120710104073010	010407	3010	$157,000	Coastal
120710104073011	010407	3011	$140,000	Coastal
120710104073012	010407	3012	$127,000	Total
120710104073013	010407	3013	$55,000	Total
120710104073014	010407	3014	$80,000	Total
120710104073015	010407	3015	$18,000	Total
120710104073016	010407	3016	$15,000	Total
120710104073017	010407	3017	$91,000	Coastal
120710104073019	010407	3019	$37,000	Total
120710104073020	010407	3020	$111,000	Total
120710104073021	010407	3021	$51,000	Total
120710104073022	010407	3022	$513,000	Coastal
120710104073023	010407	3023	$255,000	Coastal
120710104073024	010407	3024	$42,000	Total
120710104073025	010407	3025	$76,000	Total
120710104073026	010407	3026	$47,000	Total
120710104081000	010408	1000	$166,000	Total
120710104081001	010408	1001	$67,000	Total
120710104081002	010408	1002	$52,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104081003	010408	1003	$289,000	Total
120710104081004	010408	1004	$46,000	Total
120710104081005	010408	1005	$96,000	Total
120710104081006	010408	1006	$180,000	Total
120710104081007	010408	1007	$123,000	Total
120710104081008	010408	1008	$148,000	Total
120710104081009	010408	1009	$90,000	Total
120710104081010	010408	1010	$70,000	Total
120710104081011	010408	1011	$87,000	Total
120710104081012	010408	1012	$104,000	Total
120710104081013	010408	1013	$113,000	Total
120710104081014	010408	1014	$42,000	Total
120710104081015	010408	1015	$47,000	Total
120710104081016	010408	1016	$96,000	Total
120710104081017	010408	1017	$85,000	Total
120710104081018	010408	1018	$64,000	Total
120710104081019	010408	1019	$87,000	Total
120710104081020	010408	1020	$42,000	Total
120710104081021	010408	1021	$126,000	Total
120710104081022	010408	1022	$137,000	Total
120710104081023	010408	1023	$32,000	Total
120710104081024	010408	1024	$166,000	Total
120710104081025	010408	1025	$120,000	Total
120710104081026	010408	1026	$42,000	Total
120710104081027	010408	1027	$118,000	Total
120710104081028	010408	1028	$899,000	Total
120710104081029	010408	1029	$108,000	Total
120710104081030	010408	1030	$165,000	Total
120710104081031	010408	1031	$324,000	Total
120710104081032	010408	1032	$162,000	Total
120710104081033	010408	1033	$190,000	Total
120710104081034	010408	1034	$201,000	Total
120710104081035	010408	1035	$118,000	Total
120710104081036	010408	1036	$76,000	Total
120710104081037	010408	1037	$10,000	Total
120710104082000	010408	2000	$393,000	Coastal
120710104082001	010408	2001	$173,000	Coastal
120710104082002	010408	2002	$234,000	Coastal
120710104082003	010408	2003	$313,000	Total
120710104082004	010408	2004	$244,000	Coastal
120710104082005	010408	2005	$327,000	Coastal
120710104082006	010408	2006	$454,000	Coastal
120710104082007	010408	2007	$226,000	Coastal
120710104082008	010408	2008	$291,000	Coastal
120710104082009	010408	2009	$206,000	Coastal
120710104082010	010408	2010	$148,000	Coastal
120710104082011	010408	2011	$149,000	Coastal
120710104082012	010408	2012	$95,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104082013	010408	2013	$261,000	Coastal
120710104082014	010408	2014	$164,000	Coastal
120710104082015	010408	2015	$265,000	Coastal
120710104082016	010408	2016	$130,000	Total
120710104082017	010408	2017	$208,000	Coastal
120710104082018	010408	2018	$204,000	Coastal
120710104082019	010408	2019	$238,000	Coastal
120710104082020	010408	2020	$107,000	Coastal
120710104082021	010408	2021	$185,000	Coastal
120710104082022	010408	2022	$187,000	Coastal
120710104082023	010408	2023	$194,000	Total
120710104082024	010408	2024	$4,000	Total
120710104082025	010408	2025	$266,000	Coastal
120710104082026	010408	2026	$152,000	Coastal
120710104082027	010408	2027	$214,000	Total
120710104082028	010408	2028	$272,000	Coastal
120710104082029	010408	2029	$263,000	Total
120710104082030	010408	2030	$284,000	Total
120710104082031	010408	2031	$301,000	Total
120710104082032	010408	2032	$161,000	Total
120710104082033	010408	2033	$135,000	Total
120710104082034	010408	2034	$32,000	Total
120710104082035	010408	2035	$73,000	Total
120710104082036	010408	2036	$35,000	Total
120710104082037	010408	2037	$35,000	Total
120710104082038	010408	2038	$134,000	Coastal
120710104082039	010408	2039	$42,000	Total
120710104082040	010408	2040	$31,000	Total
120710104082041	010408	2041	$45,000	Total
120710104082042	010408	2042	$703,000	Total
120710104082043	010408	2043	$1,153,000	Total
120710104082044	010408	2044	$78,000	Total
120710104082045	010408	2045	$51,000	Total
120710104082046	010408	2046	$30,000	Total
120710104082047	010408	2047	$71,000	Total
120710104082049	010408	2049	$159,000	Total
120710104082050	010408	2050	$47,000	Coastal
120710104082051	010408	2051	$180,000	Total
120710104082052	010408	2052	$286,000	Total
120710104082053	010408	2053	$122,000	Total
120710104082054	010408	2054	$203,000	Total
120710104082055	010408	2055	$48,000	Total
120710104082056	010408	2056	$164,000	Coastal
120710104082057	010408	2057	$61,000	Total
120710104082058	010408	2058	$469,000	Total
120710104082059	010408	2059	$451,000	Total
120710104082060	010408	2060	$88,000	Total
120710104082061	010408	2061	$203,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104082062	010408	2062	$90,000	Total
120710104082063	010408	2063	$87,000	Total
120710104082064	010408	2064	$92,000	Total
120710104082065	010408	2065	$174,000	Total
120710104082066	010408	2066	$152,000	Total
120710104082067	010408	2067	$81,000	Coastal
120710104082068	010408	2068	$237,000	Coastal
120710104083000	010408	3000	$136,000	Coastal
120710104083001	010408	3001	$146,000	Coastal
120710104083002	010408	3002	$162,000	Coastal
120710104083003	010408	3003	$175,000	Coastal
120710104083004	010408	3004	$307,000	Coastal
120710104083005	010408	3005	$107,000	Total
120710104083006	010408	3006	$145,000	Coastal
120710104083007	010408	3007	$206,000	Coastal
120710104083008	010408	3008	$123,000	Coastal
120710104083009	010408	3009	$158,000	Coastal
120710104083010	010408	3010	$140,000	Coastal
120710104083011	010408	3011	$126,000	Coastal
120710104083012	010408	3012	$185,000	Coastal
120710104083013	010408	3013	$82,000	Coastal
120710104083014	010408	3014	$17,000	Total
120710104083015	010408	3015	$27,000	Total
120710104083017	010408	3017	$46,000	Total
120710104083018	010408	3018	$42,000	Total
120710104083019	010408	3019	$27,000	Total
120710104083020	010408	3020	$26,000	Total
120710104083021	010408	3021	$36,000	Total
120710104083022	010408	3022	$29,000	Total
120710104083023	010408	3023	$31,000	Total
120710104083024	010408	3024	$48,000	Total
120710104083025	010408	3025	$12,000	Total
120710104083026	010408	3026	$97,000	Coastal
120710104083027	010408	3027	$5,000	Total
120710104083028	010408	3028	$475,000	Coastal
120710104083029	010408	3029	$148,000	Total
120710104083030	010408	3030	$431,000	Total
120710104083031	010408	3031	$70,000	Coastal
120710104083032	010408	3032	$91,000	Coastal
120710104083033	010408	3033	$27,000	Total
120710104083035	010408	3035	$65,000	Total
120710104083036	010408	3036	$33,000	Total
120710104083038	010408	3038	$38,000	Total
120710104083039	010408	3039	$319,000	Coastal
120710104083040	010408	3040	$200,000	Coastal
120710104083041	010408	3041	$117,000	Coastal
120710104083042	010408	3042	$266,000	Coastal
120710104083043	010408	3043	$39,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710104083044	010408	3044	$30,000	Total
120710104083045	010408	3045	$208,000	Coastal
120710104083046	010408	3046	$263,000	Coastal
120710104083047	010408	3047	$426,000	Coastal
120710104083048	010408	3048	$198,000	Coastal
120710104083049	010408	3049	$328,000	Coastal
120710104083050	010408	3050	$326,000	Coastal
120710104083051	010408	3051	$292,000	Coastal
120710104083052	010408	3052	$90,000	Coastal
120710104083053	010408	3053	$182,000	Coastal
120710104083054	010408	3054	$39,000	Total
120710104083055	010408	3055	$44,000	Total
120710104083056	010408	3056	$50,000	Total
120710104083057	010408	3057	$111,000	Coastal
120710104083058	010408	3058	$212,000	Coastal
120710104083059	010408	3059	$207,000	Coastal
120710104083060	010408	3060	$189,000	Coastal
120710104083061	010408	3061	$83,000	Total
120710104083062	010408	3062	$303,000	Coastal
120710104083063	010408	3063	$537,000	Coastal
120710104083064	010408	3064	$31,000	Total
120710104083065	010408	3065	$60,000	Total
120710104083066	010408	3066	$37,000	Total
120710104083067	010408	3067	$45,000	Total
120710104083068	010408	3068	$45,000	Total
120710104083069	010408	3069	$990,000	Coastal
120710104083070	010408	3070	$165,000	Coastal
120710104083071	010408	3071	$31,000	Total
120710104083072	010408	3072	$24,000	Total
120710104083073	010408	3073	$36,000	Total
120710104083074	010408	3074	$36,000	Total
120710104083075	010408	3075	$17,000	Total
120710104083076	010408	3076	$69,000	Total
120710104084000	010408	4000	$451,000	Coastal
120710104084001	010408	4001	$626,000	Coastal
120710104084002	010408	4002	$647,000	Coastal
120710104084003	010408	4003	$466,000	Coastal
120710104084004	010408	4004	$407,000	Coastal
120710104084005	010408	4005	$463,000	Coastal
120710104084006	010408	4006	$89,000	Total
120710104084007	010408	4007	$126,000	Total
120710104084008	010408	4008	$88,000	Total
120710104084009	010408	4009	$107,000	Coastal
120710104084010	010408	4010	$116,000	Total
120710105011000	010501	1000	$191,000	Coastal
120710105011003	010501	1003	$65,000	Coastal
120710105011004	010501	1004	$432,000	Coastal
120710105011006	010501	1006	$9,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710105011007	010501	1007	$18,000	Coastal
120710105011008	010501	1008	$18,000	Coastal
120710105011009	010501	1009	$125,000	Coastal
120710105011010	010501	1010	$183,000	Total
120710105011016	010501	1016	$147,000	Coastal
120710105011017	010501	1017	$251,000	Coastal
120710105011018	010501	1018	$328,000	Coastal
120710105011019	010501	1019	$305,000	Coastal
120710105011020	010501	1020	$101,000	Coastal
120710105011021	010501	1021	$73,000	Coastal
120710105011022	010501	1022	$131,000	Coastal
120710105011023	010501	1023	$201,000	Total
120710105011024	010501	1024	$183,000	Total
120710105011025	010501	1025	$265,000	Total
120710105011026	010501	1026	$190,000	Total
120710105011027	010501	1027	$169,000	Total
120710105011028	010501	1028	$246,000	Coastal
120710105011029	010501	1029	$280,000	Coastal
120710105012000	010501	2000	$236,000	Coastal
120710105012001	010501	2001	$193,000	Coastal
120710105012002	010501	2002	$196,000	Coastal
120710105012003	010501	2003	$100,000	Total
120710105012004	010501	2004	$442,000	Total
120710105012005	010501	2005	$175,000	Total
120710105012006	010501	2006	$135,000	Total
120710105012007	010501	2007	$109,000	Total
120710105012008	010501	2008	$83,000	Total
120710105012009	010501	2009	$222,000	Coastal
120710105012010	010501	2010	$127,000	Coastal
120710105012011	010501	2011	$162,000	Coastal
120710105012012	010501	2012	$278,000	Coastal
120710105012013	010501	2013	$187,000	Coastal
120710105012014	010501	2014	$84,000	Total
120710105012015	010501	2015	$100,000	Total
120710105012016	010501	2016	$192,000	Total
120710105012017	010501	2017	$20,000	Total
120710105012018	010501	2018	$139,000	Total
120710105012019	010501	2019	$120,000	Total
120710105012020	010501	2020	$99,000	Total
120710105012021	010501	2021	$160,000	Total
120710105012022	010501	2022	$101,000	Total
120710105012023	010501	2023	$251,000	Total
120710105012024	010501	2024	$540,000	Total
120710105012025	010501	2025	$236,000	Total
120710105013000	010501	3000	$463,000	Coastal
120710105013001	010501	3001	$193,000	Coastal
120710105013002	010501	3002	$119,000	Coastal
120710105013003	010501	3003	$92,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710105013004	010501	3004	$129,000	Coastal
120710105013005	010501	3005	$111,000	Coastal
120710105013006	010501	3006	$108,000	Coastal
120710105013007	010501	3007	$64,000	Coastal
120710105013008	010501	3008	$129,000	Coastal
120710105013009	010501	3009	$64,000	Coastal
120710105013010	010501	3010	$131,000	Coastal
120710105013011	010501	3011	$93,000	Coastal
120710105013012	010501	3012	$75,000	Coastal
120710105013013	010501	3013	$127,000	Coastal
120710105013014	010501	3014	$134,000	Coastal
120710105013015	010501	3015	$157,000	Coastal
120710105013016	010501	3016	$114,000	Coastal
120710105014000	010501	4000	$135,000	Coastal
120710105014001	010501	4001	$200,000	Coastal
120710105014002	010501	4002	$111,000	Coastal
120710105014003	010501	4003	$171,000	Coastal
120710105014004	010501	4004	$218,000	Total
120710105014005	010501	4005	$247,000	Coastal
120710105014006	010501	4006	$207,000	Coastal
120710105014007	010501	4007	$251,000	Coastal
120710105014008	010501	4008	$178,000	Coastal
120710105014009	010501	4009	$225,000	Coastal
120710105014010	010501	4010	$314,000	Coastal
120710105014011	010501	4011	$133,000	Coastal
120710105014012	010501	4012	$254,000	Coastal
120710105014013	010501	4013	$126,000	Coastal
120710105014014	010501	4014	$219,000	Coastal
120710105014015	010501	4015	$194,000	Coastal
120710105014016	010501	4016	$101,000	Coastal
120710105014017	010501	4017	$214,000	Coastal
120710105014018	010501	4018	$95,000	Coastal
120710105014019	010501	4019	$326,000	Coastal
120710105021000	010502	1000	$1,070,000	Total
120710105021001	010502	1001	$321,000	Total
120710105021002	010502	1002	$207,000	Total
120710105021003	010502	1003	$1,094,000	Total
120710105021004	010502	1004	$606,000	Total
120710105021005	010502	1005	$364,000	Total
120710105021006	010502	1006	$97,000	Coastal
120710105021007	010502	1007	$234,000	Coastal
120710105021008	010502	1008	$367,000	Coastal
120710105021009	010502	1009	$611,000	Total
120710105021010	010502	1010	$387,000	Total
120710105021011	010502	1011	$413,000	Total
120710105021012	010502	1012	$193,000	Total
120710105021013	010502	1013	$511,000	Total
120710105021014	010502	1014	$521,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710105022000	010502	2000	$342,000	Coastal
120710105022001	010502	2001	$318,000	Coastal
120710105022002	010502	2002	$2,190,000	Coastal
120710105022003	010502	2003	$287,000	Coastal
120710105022004	010502	2004	$208,000	Coastal
120710105022005	010502	2005	$348,000	Coastal
120710105022006	010502	2006	$224,000	Coastal
120710105022007	010502	2007	$223,000	Coastal
120710105022008	010502	2008	$257,000	Coastal
120710105022009	010502	2009	$97,000	Coastal
120710105022010	010502	2010	$286,000	Coastal
120710105022011	010502	2011	$96,000	Coastal
120710105022012	010502	2012	$538,000	Coastal
120710105023000	010502	3000	$2,012,000	Coastal
120710105023001	010502	3001	$197,000	Coastal
120710105023002	010502	3002	$286,000	Coastal
120710105023003	010502	3003	$571,000	Coastal
120710105023004	010502	3004	$641,000	Coastal
120710105023005	010502	3005	$640,000	Coastal
120710105024000	010502	4000	$22,000	Coastal
120710105024001	010502	4001	$378,000	Total
120710105024002	010502	4002	$442,000	Total
120710105024003	010502	4003	$271,000	Total
120710105024004	010502	4004	$475,000	Total
120710105024005	010502	4005	$114,000	Total
120710105024006	010502	4006	$231,000	Total
120710105024007	010502	4007	$831,000	Total
120710105025000	010502	5000	$208,000	Coastal
120710105025001	010502	5001	$84,000	Coastal
120710105025002	010502	5002	$98,000	Coastal
120710105025003	010502	5003	$778,000	Coastal
120710105025004	010502	5004	$155,000	Coastal
120710105025005	010502	5005	$150,000	Coastal
120710105025006	010502	5006	$56,000	Coastal
120710105025007	010502	5007	$82,000	Coastal
120710105025008	010502	5008	$65,000	Coastal
120710105025009	010502	5009	$257,000	Coastal
120710105025010	010502	5010	$131,000	Coastal
120710105025011	010502	5011	$175,000	Coastal
120710105026000	010502	6000	$210,000	Total
120710105026001	010502	6001	$214,000	Total
120710105026002	010502	6002	$209,000	Total
120710105026003	010502	6003	$223,000	Total
120710105026004	010502	6004	$248,000	Total
120710105026005	010502	6005	$297,000	Total
120710105026006	010502	6006	$315,000	Total
120710105026007	010502	6007	$373,000	Total
120710105026008	010502	6008	$132,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710105026009	010502	6009	$148,000	Total
120710105026010	010502	6010	$294,000	Total
120710105026011	010502	6011	$389,000	Total
120710105027000	010502	7000	$1,036,000	Coastal
120710105027001	010502	7001	$120,000	Coastal
120710105027002	010502	7002	$178,000	Coastal
120710105027003	010502	7003	$200,000	Coastal
120710105027004	010502	7004	$547,000	Coastal
120710106011000	010601	1000	$305,000	Coastal
120710106011001	010601	1001	$395,000	Coastal
120710106011002	010601	1002	$281,000	Coastal
120710106011003	010601	1003	$259,000	Coastal
120710106011004	010601	1004	$162,000	Coastal
120710106011005	010601	1005	$254,000	Coastal
120710106011006	010601	1006	$303,000	Coastal
120710106011007	010601	1007	$285,000	Coastal
120710106011008	010601	1008	$226,000	Coastal
120710106011009	010601	1009	$99,000	Coastal
120710106011010	010601	1010	$522,000	Coastal
120710106011011	010601	1011	$127,000	Coastal
120710106011012	010601	1012	$210,000	Coastal
120710106011013	010601	1013	$748,000	Coastal
120710106011014	010601	1014	$318,000	Coastal
120710106011015	010601	1015	$154,000	Coastal
120710106011016	010601	1016	$548,000	Coastal
120710106011017	010601	1017	$246,000	Coastal
120710106012000	010601	2000	$592,000	Coastal
120710106012001	010601	2001	$378,000	Coastal
120710106012002	010601	2002	$245,000	Coastal
120710106012003	010601	2003	$1,017,000	Coastal
120710106012004	010601	2004	$293,000	Coastal
120710106012005	010601	2005	$178,000	Coastal
120710106012006	010601	2006	$1,800,000	Coastal
120710106012007	010601	2007	$558,000	Coastal
120710106012008	010601	2008	$235,000	Coastal
120710106012009	010601	2009	$256,000	Coastal
120710106012010	010601	2010	$302,000	Coastal
120710106012011	010601	2011	$303,000	Coastal
120710106012012	010601	2012	$245,000	Coastal
120710106012013	010601	2013	$322,000	Coastal
120710106012014	010601	2014	$835,000	Coastal
120710106012015	010601	2015	$72,000	Coastal
120710106012016	010601	2016	$84,000	Coastal
120710106012017	010601	2017	$213,000	Coastal
120710106012018	010601	2018	$296,000	Coastal
120710106012019	010601	2019	$384,000	Coastal
120710106013000	010601	3000	$998,000	Coastal
120710106013001	010601	3001	$311,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710106013002	010601	3002	$289,000	Coastal
120710106013003	010601	3003	$187,000	Coastal
120710106013004	010601	3004	$187,000	Coastal
120710106013005	010601	3005	$173,000	Coastal
120710106013006	010601	3006	$251,000	Coastal
120710106013007	010601	3007	$186,000	Coastal
120710106013008	010601	3008	$274,000	Coastal
120710106013009	010601	3009	$222,000	Coastal
120710106013010	010601	3010	$184,000	Coastal
120710106013011	010601	3011	$105,000	Coastal
120710106013012	010601	3012	$178,000	Coastal
120710106013013	010601	3013	$148,000	Coastal
120710106013014	010601	3014	$296,000	Coastal
120710106013015	010601	3015	$219,000	Coastal
120710106013016	010601	3016	$183,000	Coastal
120710106013017	010601	3017	$216,000	Coastal
120710106013018	010601	3018	$267,000	Coastal
120710106013019	010601	3019	$234,000	Coastal
120710106013020	010601	3020	$194,000	Coastal
120710106013021	010601	3021	$310,000	Coastal
120710106014000	010601	4000	$2,420,000	Coastal
120710106014001	010601	4001	$326,000	Coastal
120710106014002	010601	4002	$224,000	Coastal
120710106014003	010601	4003	$918,000	Coastal
120710106014004	010601	4004	$920,000	Coastal
120710106014005	010601	4005	$83,000	Coastal
120710106014006	010601	4006	$22,000	Coastal
120710106014007	010601	4007	$50,000	Coastal
120710106014008	010601	4008	$22,000	Coastal
120710106014009	010601	4009	$97,000	Coastal
120710106014010	010601	4010	$16,000	Coastal
120710106014011	010601	4011	$163,000	Coastal
120710106014012	010601	4012	$261,000	Coastal
120710106014013	010601	4013	$210,000	Coastal
120710106014014	010601	4014	$627,000	Coastal
120710106014015	010601	4015	$163,000	Coastal
120710106014016	010601	4016	$150,000	Coastal
120710106014017	010601	4017	$59,000	Coastal
120710106014018	010601	4018	$109,000	Coastal
120710106014019	010601	4019	$98,000	Coastal
120710106021000	010602	1000	$543,000	Coastal
120710106021001	010602	1001	$326,000	Coastal
120710106021002	010602	1002	$211,000	Coastal
120710106021003	010602	1003	$865,000	Coastal
120710106021004	010602	1004	$139,000	Coastal
120710106021005	010602	1005	$108,000	Coastal
120710106021006	010602	1006	$136,000	Coastal
120710106021007	010602	1007	$162,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710106021008	010602	1008	$100,000	Coastal
120710106021009	010602	1009	$207,000	Coastal
120710106021010	010602	1010	$108,000	Coastal
120710106021011	010602	1011	$101,000	Coastal
120710106021012	010602	1012	$143,000	Coastal
120710106021013	010602	1013	$135,000	Coastal
120710106021014	010602	1014	$126,000	Coastal
120710106021015	010602	1015	$202,000	Coastal
120710106021017	010602	1017	$113,000	Coastal
120710106022000	010602	2000	$48,000	Coastal
120710106022001	010602	2001	$487,000	Coastal
120710106022002	010602	2002	$79,000	Coastal
120710106022003	010602	2003	$155,000	Coastal
120710106022004	010602	2004	$403,000	Coastal
120710106022005	010602	2005	$311,000	Coastal
120710106022006	010602	2006	$309,000	Coastal
120710106022007	010602	2007	$180,000	Coastal
120710106022008	010602	2008	$192,000	Coastal
120710106022009	010602	2009	$206,000	Coastal
120710106022010	010602	2010	$182,000	Coastal
120710106022011	010602	2011	$192,000	Coastal
120710106022012	010602	2012	$162,000	Coastal
120710106022013	010602	2013	$125,000	Coastal
120710106022014	010602	2014	$195,000	Coastal
120710106022016	010602	2016	$1,871,000	Coastal
120710106022017	010602	2017	$609,000	Total
120710106022018	010602	2018	$691,000	Coastal
120710106022019	010602	2019	$256,000	Coastal
120710106022020	010602	2020	$214,000	Coastal
120710106022021	010602	2021	$131,000	Coastal
120710106022022	010602	2022	$212,000	Coastal
120710106022023	010602	2023	$637,000	Total
120710106022024	010602	2024	$387,000	Coastal
120710106022025	010602	2025	$1,039,000	Coastal
120710106022026	010602	2026	$684,000	Coastal
120710106022027	010602	2027	$415,000	Coastal
120710106022028	010602	2028	$623,000	Coastal
120710106022029	010602	2029	$809,000	Coastal
120710106022030	010602	2030	$485,000	Coastal
120710106022031	010602	2031	$175,000	Coastal
120710106022032	010602	2032	$79,000	Coastal
120710106022033	010602	2033	$244,000	Coastal
120710106022034	010602	2034	$196,000	Coastal
120710106022035	010602	2035	$626,000	Coastal
120710106022036	010602	2036	$1,093,000	Coastal
120710106022037	010602	2037	$1,857,000	Coastal
120710106022038	010602	2038	$461,000	Coastal
120710106022039	010602	2039	$121,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710106023000	010602	3000	$1,989,000	Coastal
120710106023001	010602	3001	$87,000	Coastal
120710106023002	010602	3002	$284,000	Coastal
120710106023003	010602	3003	$327,000	Coastal
120710106023004	010602	3004	$605,000	Coastal
120710106023005	010602	3005	$319,000	Coastal
120710106023006	010602	3006	$350,000	Coastal
120710106023007	010602	3007	$173,000	Coastal
120710106023008	010602	3008	$943,000	Coastal
120710106023009	010602	3009	$406,000	Coastal
120710107001000	010700	1000	$207,000	Coastal
120710107001001	010700	1001	$1,222,000	Coastal
120710107001002	010700	1002	$1,966,000	Coastal
120710107001003	010700	1003	$406,000	Coastal
120710107001004	010700	1004	$170,000	Coastal
120710107001005	010700	1005	$273,000	Coastal
120710107001006	010700	1006	$169,000	Coastal
120710107001007	010700	1007	$181,000	Coastal
120710107001008	010700	1008	$180,000	Coastal
120710107001009	010700	1009	$1,008,000	Coastal
120710107001010	010700	1010	$558,000	Coastal
120710107002000	010700	2000	$3,008,000	Coastal
120710107002001	010700	2001	$119,000	Coastal
120710107002002	010700	2002	$291,000	Coastal
120710107002003	010700	2003	$315,000	Coastal
120710107002004	010700	2004	$240,000	Coastal
120710107002005	010700	2005	$587,000	Coastal
120710107002006	010700	2006	$2,483,000	Coastal
120710107002007	010700	2007	$70,000	Coastal
120710107003000	010700	3000	$1,544,000	Coastal
120710107003001	010700	3001	$238,000	Coastal
120710107003002	010700	3002	$231,000	Coastal
120710107003003	010700	3003	$252,000	Coastal
120710107003004	010700	3004	$228,000	Coastal
120710107003005	010700	3005	$708,000	Coastal
120710107003006	010700	3006	$741,000	Coastal
120710107003007	010700	3007	$141,000	Coastal
120710107004000	010700	4000	$98,000	Coastal
120710107004001	010700	4001	$335,000	Coastal
120710107004002	010700	4002	$318,000	Coastal
120710107004003	010700	4003	$948,000	Coastal
120710107004004	010700	4004	$163,000	Coastal
120710107004005	010700	4005	$289,000	Coastal
120710107004006	010700	4006	$2,225,000	Coastal
120710107004007	010700	4007	$1,428,000	Coastal
120710107004008	010700	4008	$273,000	Coastal
120710107004009	010700	4009	$821,000	Coastal
120710107004010	010700	4010	$2,251,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710107004011	010700	4011	$833,000	Coastal
120710107004012	010700	4012	$260,000	Coastal
120710107004013	010700	4013	$358,000	Coastal
120710107004014	010700	4014	$322,000	Coastal
120710107004015	010700	4015	$268,000	Coastal
120710107004016	010700	4016	$346,000	Coastal
120710107004017	010700	4017	$1,653,000	Coastal
120710107004019	010700	4019	$39,000	Coastal
120710107005000	010700	5000	$386,000	Coastal
120710107005001	010700	5001	$358,000	Coastal
120710107005002	010700	5002	$2,008,000	Coastal
120710107005003	010700	5003	$30,000	Coastal
120710107005004	010700	5004	$20,000	Coastal
120710107005005	010700	5005	$20,000	Coastal
120710107005006	010700	5006	$366,000	Coastal
120710107005007	010700	5007	$242,000	Coastal
120710107005008	010700	5008	$244,000	Coastal
120710107005009	010700	5009	$2,882,000	Coastal
120710107005010	010700	5010	$283,000	Coastal
120710107005011	010700	5011	$92,000	Coastal
120710107005012	010700	5012	$110,000	Coastal
120710107005013	010700	5013	$28,000	Coastal
120710107005014	010700	5014	$172,000	Coastal
120710107005015	010700	5015	$185,000	Coastal
120710107005016	010700	5016	$3,082,000	Coastal
120710107005017	010700	5017	$299,000	Coastal
120710107006000	010700	6000	$5,329,000	Total
120710107006001	010700	6001	$66,000	Coastal
120710107006002	010700	6002	$350,000	Coastal
120710107006003	010700	6003	$452,000	Coastal
120710107007000	010700	7000	$306,000	Total
120710107007001	010700	7001	$155,000	Coastal
120710107007002	010700	7002	$593,000	Total
120710107007003	010700	7003	$488,000	Coastal
120710107007004	010700	7004	$263,000	Coastal
120710107007005	010700	7005	$1,046,000	Coastal
120710107007006	010700	7006	$206,000	Coastal
120710107007007	010700	7007	$1,270,000	Total
120710107007008	010700	7008	$1,760,000	Total
120710107007009	010700	7009	$711,000	Coastal
120710107007010	010700	7010	$486,000	Coastal
120710107007011	010700	7011	$231,000	Total
120710107007012	010700	7012	$194,000	Total
120710107007013	010700	7013	$168,000	Total
120710108011000	010801	1000	$973,000	Total
120710108011001	010801	1001	$340,000	Total
120710108011002	010801	1002	$386,000	Total
120710108011003	010801	1003	$322,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710108011004	010801	1004	$425,000	Total
120710108011005	010801	1005	$1,022,000	Total
120710108011006	010801	1006	$252,000	Total
120710108012000	010801	2000	$1,866,000	Total
120710108012001	010801	2001	$478,000	Total
120710108013000	010801	3000	$1,324,000	Total
120710108013001	010801	3001	$331,000	Total
120710108013002	010801	3002	$218,000	Total
120710108013003	010801	3003	$26,000	Total
120710108013004	010801	3004	$139,000	Coastal
120710108013006	010801	3006	$211,000	Total
120710108013007	010801	3007	$235,000	Total
120710108014000	010801	4000	$3,680,000	Total
120710108014001	010801	4001	$230,000	Total
120710108014002	010801	4002	$900,000	Total
120710108014003	010801	4003	$451,000	Total
120710108014004	010801	4004	$484,000	Total
120710108014006	010801	4006	$99,000	Total
120710108015000	010801	5000	$1,194,000	Total
120710108015001	010801	5001	$126,000	Total
120710108015002	010801	5002	$675,000	Total
120710108015003	010801	5003	$200,000	Total
120710108015004	010801	5004	$197,000	Total
120710108015005	010801	5005	$425,000	Total
120710108015006	010801	5006	$51,000	Total
120710108021000	010802	1000	$373,000	Coastal
120710108021001	010802	1001	$593,000	Coastal
120710108021002	010802	1002	$408,000	Coastal
120710108021003	010802	1003	$221,000	Coastal
120710108021004	010802	1004	$167,000	Coastal
120710108021006	010802	1006	$559,000	Total
120710108022000	010802	2000	$248,000	Coastal
120710108022001	010802	2001	$962,000	Coastal
120710108022002	010802	2002	$226,000	Coastal
120710108022003	010802	2003	$330,000	Coastal
120710108022004	010802	2004	$325,000	Coastal
120710108022005	010802	2005	$143,000	Coastal
120710108022006	010802	2006	$142,000	Coastal
120710108022007	010802	2007	$832,000	Coastal
120710108022008	010802	2008	$943,000	Coastal
120710108022009	010802	2009	$398,000	Coastal
120710108022010	010802	2010	$2,880,000	Coastal
120710108022011	010802	2011	$455,000	Coastal
120710108022012	010802	2012	$498,000	Coastal
120710108022013	010802	2013	$474,000	Coastal
120710108022014	010802	2014	$63,000	Total
120710108022015	010802	2015	$2,044,000	Coastal
120710108022016	010802	2016	$117,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710108022017	010802	2017	$5,500,000	Coastal
120710108022018	010802	2018	$534,000	Coastal
120710108022019	010802	2019	$341,000	Coastal
120710108023001	010802	3001	$2,320,000	Total
120710108023002	010802	3002	$71,000	Total
120710108023003	010802	3003	$187,000	Total
120710108023004	010802	3004	$641,000	Total
120710108023005	010802	3005	$172,000	Total
120710108024000	010802	4000	$2,164,000	Total
120710108024001	010802	4001	$40,000	Total
120710108024002	010802	4002	$169,000	Total
120710108024003	010802	4003	$159,000	Total
120710108025000	010802	5000	$1,744,000	Total
120710108025001	010802	5001	$283,000	Coastal
120710108025002	010802	5002	$238,000	Coastal
120710108025003	010802	5003	$245,000	Coastal
120710108025004	010802	5004	$251,000	Coastal
120710108025005	010802	5005	$199,000	Coastal
120710108025006	010802	5006	$300,000	Coastal
120710108025007	010802	5007	$192,000	Coastal
120710108025008	010802	5008	$114,000	Coastal
120710108025009	010802	5009	$180,000	Coastal
120710108026000	010802	6000	$107,000	Total
120710108026001	010802	6001	$958,000	Total
120710108026002	010802	6002	$263,000	Total
120710108026003	010802	6003	$201,000	Coastal
120710108026004	010802	6004	$1,052,000	Coastal
120710108026005	010802	6005	$106,000	Coastal
120710108026006	010802	6006	$98,000	Coastal
120710108026007	010802	6007	$110,000	Coastal
120710108026008	010802	6008	$136,000	Coastal
120710108026009	010802	6009	$136,000	Total
120710108031000	010803	1000	$2,393,000	Total
120710108031001	010803	1001	$322,000	Total
120710108031002	010803	1002	$310,000	Total
120710108032000	010803	2000	$420,000	Coastal
120710108032001	010803	2001	$264,000	Coastal
120710108032002	010803	2002	$3,721,000	Total
120710108032003	010803	2003	$201,000	Total
120710108032004	010803	2004	$335,000	Total
120710108033000	010803	3000	$1,135,000	Total
120710108033001	010803	3001	$684,000	Total
120710108034000	010803	4000	$3,127,000	Total
120710108034001	010803	4001	$428,000	Total
120710108034002	010803	4002	$512,000	Total
120710108034003	010803	4003	$235,000	Total
120710108034004	010803	4004	$419,000	Total
120710108034005	010803	4005	$47,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710201022000	020102	2000	$17,000	Coastal
120710201022007	020102	2007	$1,000	Coastal
120710201022008	020102	2008	$1,000	Coastal
120710201022009	020102	2009	$1,000	Coastal
120710201022013	020102	2013	$1,000	Coastal
120710202001000	020200	1000	$554,000	Coastal
120710202001002	020200	1002	$22,000	Coastal
120710202001003	020200	1003	$22,000	Coastal
120710202002000	020200	2000	$5,000	Coastal
120710202002001	020200	2001	$10,000	Coastal
120710202002004	020200	2004	$18,000	Coastal
120710202002005	020200	2005	$6,000	Coastal
120710202002006	020200	2006	$50,000	Coastal
120710202002011	020200	2011	$1,000	Riverine
120710202002018	020200	2018	$10,000	Coastal
120710202002019	020200	2019	$10,000	Coastal
120710202002021	020200	2021	$15,000	Coastal
120710202003000	020200	3000	$6,000	Riverine
120710202003011	020200	3011	$14,000	Riverine
120710202003013	020200	3013	$2,000	Riverine
120710202003017	020200	3017	$1,000	Riverine
120710202003018	020200	3018	$6,000	Riverine
120710202004000	020200	4000	$6,000	Riverine
120710202004001	020200	4001	$18,000	Riverine
120710202004002	020200	4002	$8,000	Total
120710202004003	020200	4003	$4,000	Total
120710202004008	020200	4008	$3,000	Total
120710202004009	020200	4009	$308,000	Total
120710202004012	020200	4012	$60,000	Total
120710202004013	020200	4013	$8,000	Total
120710203001000	020300	1000	$1,000	Total
120710203001003	020300	1003	$1,000	Riverine
120710203001004	020300	1004	$4,000	Riverine
120710203001005	020300	1005	$6,000	Riverine
120710203001006	020300	1006	$2,000	Riverine
120710203002000	020300	2000	$7,000	Riverine
120710203002001	020300	2001	$1,000	Riverine
120710203002004	020300	2004	$1,000	Riverine
120710203002005	020300	2005	$7,000	Riverine
120710203002006	020300	2006	$7,000	Riverine
120710203002007	020300	2007	$5,000	Riverine
120710203002008	020300	2008	$5,000	Riverine
120710203002009	020300	2009	$4,000	Riverine
120710203002010	020300	2010	$35,000	Riverine
120710203002011	020300	2011	$8,000	Riverine
120710203002012	020300	2012	$5,000	Riverine
120710203002013	020300	2013	$7,000	Riverine
120710203002014	020300	2014	$7,000	Riverine

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710203002015	020300	2015	$5,000	Riverine
120710203002016	020300	2016	$3,000	Riverine
120710203002018	020300	2018	$1,000	Total
120710203002019	020300	2019	$5,000	Total
120710203002020	020300	2020	$1,000	Riverine
120710203002021	020300	2021	$4,000	Riverine
120710203002022	020300	2022	$4,000	Riverine
120710203002024	020300	2024	$3,000	Riverine
120710203002025	020300	2025	$2,000	Riverine
120710203002026	020300	2026	$1,000	Riverine
120710203002027	020300	2027	$4,000	Riverine
120710203002028	020300	2028	$1,000	Riverine
120710203002029	020300	2029	$1,000	Total
120710203002030	020300	2030	$1,000	Total
120710203003000	020300	3000	$4,000	Coastal
120710203003001	020300	3001	$274,000	Total
120710203003002	020300	3002	$749,000	Total
120710203003003	020300	3003	$11,000	Coastal
120710203003004	020300	3004	$7,000	Coastal
120710203003005	020300	3005	$15,000	Coastal
120710203003006	020300	3006	$35,000	Coastal
120710203003007	020300	3007	$35,000	Total
120710203003008	020300	3008	$88,000	Total
120710203003009	020300	3009	$26,000	Coastal
120710203003010	020300	3010	$10,000	Coastal
120710203003014	020300	3014	$54,000	Total
120710203003015	020300	3015	$80,000	Total
120710203003016	020300	3016	$20,000	Total
120710203003017	020300	3017	$22,000	Total
120710203003018	020300	3018	$348,000	Total
120710203003019	020300	3019	$63,000	Total
120710203003020	020300	3020	$94,000	Total
120710203003021	020300	3021	$3,000	Coastal
120710203003022	020300	3022	$7,000	Coastal
120710203003023	020300	3023	$2,000	Total
120710203003025	020300	3025	$1,000	Coastal
120710203003026	020300	3026	$2,000	Coastal
120710203003028	020300	3028	$2,000	Coastal
120710203003029	020300	3029	$8,000	Coastal
120710203004000	020300	4000	$57,000	Total
120710203004001	020300	4001	$17,000	Total
120710203004002	020300	4002	$1,000	Total
120710203004003	020300	4003	$3,000	Total
120710203004004	020300	4004	$4,000	Total
120710203004005	020300	4005	$6,000	Total
120710203004006	020300	4006	$10,000	Total
120710203004007	020300	4007	$7,000	Total
120710203004008	020300	4008	$6,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710203004010	020300	4010	$1,000	Total
120710203004011	020300	4011	$2,000	Total
120710203004019	020300	4019	$2,000	Total
120710203004020	020300	4020	$1,000	Total
120710204001001	020400	1001	$401,000	Total
120710204001004	020400	1004	$842,000	Total
120710204001005	020400	1005	$711,000	Total
120710204001007	020400	1007	$1,283,000	Total
120710204001008	020400	1008	$367,000	Coastal
120710204001009	020400	1009	$8,000	Coastal
120710204002000	020400	2000	$43,000	Coastal
120710204002001	020400	2001	$11,000	Coastal
120710204002002	020400	2002	$26,000	Coastal
120710204002003	020400	2003	$127,000	Coastal
120710204002008	020400	2008	$27,000	Coastal
120710204002022	020400	2022	$44,000	Coastal
120710204002023	020400	2023	$9,000	Coastal
120710204002024	020400	2024	$15,000	Coastal
120710204002025	020400	2025	$21,000	Coastal
120710204003000	020400	3000	$104,000	Total
120710204003001	020400	3001	$124,000	Coastal
120710204003002	020400	3002	$10,000	Coastal
120710204003003	020400	3003	$109,000	Total
120710204003004	020400	3004	$28,000	Total
120710204003006	020400	3006	$160,000	Total
120710204003008	020400	3008	$6,000	Coastal
120710204003009	020400	3009	$1,000	Coastal
120710204003010	020400	3010	$2,095,000	Total
120710204003012	020400	3012	$86,000	Coastal
120710204003013	020400	3013	$107,000	Coastal
120710204003014	020400	3014	$75,000	Coastal
120710204003015	020400	3015	$177,000	Coastal
120710204003016	020400	3016	$142,000	Coastal
120710204003017	020400	3017	$90,000	Coastal
120710204003018	020400	3018	$124,000	Coastal
120710204003019	020400	3019	$145,000	Coastal
120710204003020	020400	3020	$121,000	Total
120710204003021	020400	3021	$998,000	Total
120710204003022	020400	3022	$198,000	Total
120710204003023	020400	3023	$46,000	Total
120710204003024	020400	3024	$28,000	Total
120710204003025	020400	3025	$509,000	Total
120710204003026	020400	3026	$184,000	Coastal
120710204003027	020400	3027	$721,000	Coastal
120710204003028	020400	3028	$124,000	Coastal
120710204003029	020400	3029	$108,000	Coastal
120710204003030	020400	3030	$119,000	Coastal
120710204003031	020400	3031	$36,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710204003032	020400	3032	$430,000	Coastal
120710205011001	020501	1001	$122,000	Coastal
120710205011003	020501	1003	$3,000	Coastal
120710205011004	020501	1004	$3,000	Coastal
120710205011005	020501	1005	$1,000	Coastal
120710205011006	020501	1006	$3,000	Coastal
120710205011007	020501	1007	$1,000	Coastal
120710205011008	020501	1008	$1,000	Coastal
120710205011011	020501	1011	$2,000	Coastal
120710205011012	020501	1012	$3,000	Coastal
120710205011013	020501	1013	$5,000	Coastal
120710205011015	020501	1015	$1,000	Coastal
120710205011016	020501	1016	$1,000	Coastal
120710205011017	020501	1017	$7,000	Coastal
120710205011018	020501	1018	$3,000	Coastal
120710205011019	020501	1019	$23,000	Coastal
120710205011020	020501	1020	$1,000	Coastal
120710205011021	020501	1021	$2,000	Coastal
120710205011022	020501	1022	$1,000	Coastal
120710205011023	020501	1023	$1,000	Coastal
120710205011024	020501	1024	$1,000	Coastal
120710205011025	020501	1025	$1,000	Coastal
120710205011026	020501	1026	$1,000	Coastal
120710205011029	020501	1029	$59,000	Coastal
120710205011030	020501	1030	$103,000	Coastal
120710205011031	020501	1031	$14,000	Coastal
120710205011032	020501	1032	$8,000	Coastal
120710205011033	020501	1033	$13,000	Coastal
120710205011034	020501	1034	$2,000	Coastal
120710205011035	020501	1035	$6,000	Coastal
120710205012000	020501	2000	$245,000	Coastal
120710205012001	020501	2001	$4,000	Coastal
120710205012002	020501	2002	$16,000	Coastal
120710205012003	020501	2003	$7,000	Coastal
120710205012004	020501	2004	$10,000	Coastal
120710205012005	020501	2005	$19,000	Coastal
120710205012006	020501	2006	$17,000	Coastal
120710205012007	020501	2007	$3,000	Coastal
120710205012008	020501	2008	$1,000	Coastal
120710205012009	020501	2009	$1,000	Coastal
120710205012010	020501	2010	$5,000	Coastal
120710205012011	020501	2011	$4,000	Coastal
120710205012013	020501	2013	$1,000	Coastal
120710205012014	020501	2014	$7,000	Coastal
120710205012015	020501	2015	$8,000	Coastal
120710205012016	020501	2016	$10,000	Coastal
120710205021001	020502	1001	$2,000	Coastal
120710205021002	020502	1002	$10,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710205021003	020502	1003	$50,000	Coastal
120710205021004	020502	1004	$54,000	Coastal
120710205021005	020502	1005	$162,000	Coastal
120710205021006	020502	1006	$8,000	Coastal
120710205021007	020502	1007	$356,000	Coastal
120710205021008	020502	1008	$63,000	Coastal
120710205021009	020502	1009	$4,000	Coastal
120710205021010	020502	1010	$23,000	Coastal
120710205021011	020502	1011	$56,000	Coastal
120710205021012	020502	1012	$99,000	Coastal
120710205021013	020502	1013	$106,000	Coastal
120710205021014	020502	1014	$513,000	Coastal
120710205021015	020502	1015	$115,000	Coastal
120710205021016	020502	1016	$166,000	Coastal
120710205021017	020502	1017	$493,000	Coastal
120710205021018	020502	1018	$102,000	Coastal
120710205021019	020502	1019	$686,000	Coastal
120710205021022	020502	1022	$212,000	Coastal
120710205022000	020502	2000	$608,000	Coastal
120710205022001	020502	2001	$22,000	Coastal
120710205022002	020502	2002	$14,000	Coastal
120710205022003	020502	2003	$37,000	Coastal
120710205022004	020502	2004	$31,000	Coastal
120710205022005	020502	2005	$262,000	Coastal
120710205022006	020502	2006	$57,000	Coastal
120710205022007	020502	2007	$79,000	Coastal
120710205022009	020502	2009	$54,000	Coastal
120710205022010	020502	2010	$61,000	Coastal
120710205022011	020502	2011	$213,000	Coastal
120710205022012	020502	2012	$851,000	Coastal
120710205022013	020502	2013	$165,000	Coastal
120710205022014	020502	2014	$347,000	Coastal
120710205023000	020502	3000	$1,050,000	Total
120710205023001	020502	3001	$64,000	Coastal
120710205023002	020502	3002	$12,000	Coastal
120710205023003	020502	3003	$8,000	Coastal
120710205023004	020502	3004	$15,000	Coastal
120710205023005	020502	3005	$25,000	Coastal
120710205023006	020502	3006	$14,000	Coastal
120710205023007	020502	3007	$8,000	Coastal
120710205023008	020502	3008	$119,000	Coastal
120710205023009	020502	3009	$45,000	Coastal
120710205023010	020502	3010	$6,000	Coastal
120710205023011	020502	3011	$2,000	Coastal
120710205023013	020502	3013	$5,000	Coastal
120710205023014	020502	3014	$2,000	Coastal
120710205023016	020502	3016	$12,000	Coastal
120710205023017	020502	3017	$11,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710205023018	020502	3018	$5,000	Coastal
120710205023023	020502	3023	$22,000	Coastal
120710205023024	020502	3024	$161,000	Coastal
120710205023025	020502	3025	$190,000	Coastal
120710205023026	020502	3026	$111,000	Coastal
120710205023027	020502	3027	$85,000	Total
120710205023028	020502	3028	$195,000	Total
120710205023029	020502	3029	$119,000	Total
120710205024000	020502	4000	$2,805,000	Total
120710205024001	020502	4001	$352,000	Total
120710205024002	020502	4002	$383,000	Total
120710205024003	020502	4003	$350,000	Total
120710205024004	020502	4004	$27,000	Coastal
120710205024005	020502	4005	$30,000	Coastal
120710205024006	020502	4006	$45,000	Coastal
120710205024007	020502	4007	$157,000	Total
120710205024008	020502	4008	$178,000	Total
120710205024009	020502	4009	$198,000	Total
120710205024010	020502	4010	$154,000	Total
120710205024011	020502	4011	$140,000	Total
120710205024012	020502	4012	$172,000	Total
120710205024013	020502	4013	$109,000	Total
120710205024014	020502	4014	$38,000	Total
120710205024015	020502	4015	$58,000	Total
120710205024016	020502	4016	$90,000	Total
120710205024017	020502	4017	$113,000	Total
120710205024018	020502	4018	$375,000	Total
120710205024019	020502	4019	$138,000	Total
120710205024020	020502	4020	$81,000	Total
120710206001000	020600	1000	$698,000	Total
120710206001001	020600	1001	$255,000	Total
120710206001002	020600	1002	$32,000	Total
120710206001003	020600	1003	$234,000	Total
120710206001004	020600	1004	$43,000	Total
120710206001005	020600	1005	$26,000	Total
120710206001006	020600	1006	$138,000	Total
120710206001009	020600	1009	$262,000	Total
120710206001010	020600	1010	$44,000	Coastal
120710206001011	020600	1011	$1,854,000	Total
120710206001012	020600	1012	$38,000	Total
120710206001013	020600	1013	$7,000	Total
120710206002000	020600	2000	$14,000	Coastal
120710206002001	020600	2001	$3,000	Coastal
120710206002002	020600	2002	$27,000	Coastal
120710206002003	020600	2003	$1,000	Coastal
120710206002004	020600	2004	$14,000	Coastal
120710206002005	020600	2005	$7,000	Coastal
120710206002006	020600	2006	$150,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710206002007	020600	2007	$17,000	Coastal
120710206002008	020600	2008	$56,000	Total
120710206002009	020600	2009	$5,000	Coastal
120710206002010	020600	2010	$113,000	Total
120710206002011	020600	2011	$13,000	Coastal
120710206002013	020600	2013	$3,000	Total
120710206002014	020600	2014	$72,000	Total
120710206002015	020600	2015	$11,000	Total
120710206002017	020600	2017	$146,000	Total
120710206002018	020600	2018	$9,000	Coastal
120710206003000	020600	3000	$15,000	Coastal
120710206003001	020600	3001	$16,000	Coastal
120710206003002	020600	3002	$112,000	Coastal
120710206003003	020600	3003	$377,000	Coastal
120710206003004	020600	3004	$46,000	Coastal
120710206004000	020600	4000	$1,969,000	Coastal
120710206004001	020600	4001	$202,000	Coastal
120710206004002	020600	4002	$167,000	Coastal
120710206004003	020600	4003	$441,000	Coastal
120710206005000	020600	5000	$480,000	Coastal
120710206005002	020600	5002	$195,000	Coastal
120710206005003	020600	5003	$209,000	Coastal
120710206005004	020600	5004	$121,000	Coastal
120710206005005	020600	5005	$354,000	Total
120710206005006	020600	5006	$736,000	Total
120710206005007	020600	5007	$24,000	Coastal
120710206005008	020600	5008	$48,000	Coastal
120710206005009	020600	5009	$53,000	Coastal
120710206005010	020600	5010	$79,000	Coastal
120710206005011	020600	5011	$37,000	Coastal
120710206005012	020600	5012	$30,000	Coastal
120710206005014	020600	5014	$164,000	Coastal
120710206006000	020600	6000	$93,000	Total
120710206006001	020600	6001	$4,700,000	Total
120710207001000	020700	1000	$65,000	Total
120710207001001	020700	1001	$1,419,000	Total
120710207001003	020700	1003	$23,000	Total
120710207001004	020700	1004	$209,000	Total
120710207001005	020700	1005	$15,000	Total
120710207001006	020700	1006	$90,000	Total
120710207001007	020700	1007	$113,000	Total
120710207001008	020700	1008	$191,000	Total
120710207002000	020700	2000	$342,000	Total
120710207002001	020700	2001	$284,000	Total
120710207002002	020700	2002	$650,000	Total
120710207002003	020700	2003	$2,228,000	Total
120710207002004	020700	2004	$7,000	Coastal
120710207002005	020700	2005	$7,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710207002006	020700	2006	$44,000	Coastal
120710207002007	020700	2007	$36,000	Coastal
120710207002008	020700	2008	$28,000	Coastal
120710207002009	020700	2009	$8,000	Coastal
120710207002011	020700	2011	$7,000	Coastal
120710207002012	020700	2012	$4,000	Coastal
120710207002013	020700	2013	$8,000	Coastal
120710207002014	020700	2014	$11,000	Coastal
120710207002015	020700	2015	$13,000	Coastal
120710207002016	020700	2016	$14,000	Coastal
120710207002017	020700	2017	$49,000	Coastal
120710207002018	020700	2018	$163,000	Total
120710207002019	020700	2019	$128,000	Total
120710207002020	020700	2020	$710,000	Total
120710207002022	020700	2022	$594,000	Coastal
120710207002023	020700	2023	$81,000	Total
120710207002024	020700	2024	$159,000	Total
120710208001001	020800	1001	$5,000	Coastal
120710208001003	020800	1003	$1,000	Coastal
120710208001004	020800	1004	$1,000	Coastal
120710208001005	020800	1005	$1,000	Coastal
120710208001006	020800	1006	$6,000	Total
120710208002000	020800	2000	$69,000	Total
120710208002001	020800	2001	$4,000	Coastal
120710208002002	020800	2002	$1,000	Coastal
120710208002003	020800	2003	$1,000	Coastal
120710208003000	020800	3000	$8,000	Coastal
120710208003007	020800	3007	$1,000	Coastal
120710208003010	020800	3010	$1,000	Coastal
120710208003011	020800	3011	$1,000	Coastal
120710208004000	020800	4000	$3,000	Coastal
120710208004002	020800	4002	$1,000	Coastal
120710208004003	020800	4003	$1,000	Coastal
120710208004005	020800	4005	$8,000	Coastal
120710208004006	020800	4006	$1,000	Coastal
120710208004008	020800	4008	$1,000	Coastal
120710208004009	020800	4009	$1,000	Coastal
120710208004010	020800	4010	$1,000	Coastal
120710208004011	020800	4011	$1,000	Coastal
120710208004012	020800	4012	$1,000	Coastal
120710208004015	020800	4015	$2,000	Coastal
120710208004016	020800	4016	$1,000	Coastal
120710208005011	020800	5011	$1,000	Coastal
120710208005012	020800	5012	$1,000	Coastal
120710208006000	020800	6000	$11,000	Coastal
120710208006002	020800	6002	$34,000	Coastal
120710208006003	020800	6003	$1,000	Coastal
120710208006005	020800	6005	$1,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710208006006	020800	6006	$4,000	Coastal
120710208006007	020800	6007	$5,000	Coastal
120710208006008	020800	6008	$3,000	Coastal
120710208006009	020800	6009	$3,000	Coastal
120710208006010	020800	6010	$1,000	Coastal
120710208006011	020800	6011	$1,000	Coastal
120710208006012	020800	6012	$10,000	Coastal
120710208006015	020800	6015	$62,000	Coastal
120710208007000	020800	7000	$1,000	Coastal
120710208007003	020800	7003	$1,000	Coastal
120710208007004	020800	7004	$4,000	Coastal
120710208007005	020800	7005	$2,000	Coastal
120710208007006	020800	7006	$1,000	Coastal
120710208007007	020800	7007	$4,000	Coastal
120710208007008	020800	7008	$4,000	Coastal
120710208007009	020800	7009	$11,000	Coastal
120710208007010	020800	7010	$5,000	Coastal
120710208007011	020800	7011	$5,000	Coastal
120710208007012	020800	7012	$9,000	Coastal
120710208007013	020800	7013	$16,000	Coastal
120710208008000	020800	8000	$3,000	Coastal
120710208008001	020800	8001	$3,000	Coastal
120710208008002	020800	8002	$1,000	Coastal
120710208008003	020800	8003	$3,000	Coastal
120710208008004	020800	8004	$3,000	Coastal
120710208008006	020800	8006	$4,000	Coastal
120710208008007	020800	8007	$4,000	Coastal
120710208008008	020800	8008	$5,000	Coastal
120710208008009	020800	8009	$3,000	Coastal
120710208008010	020800	8010	$3,000	Coastal
120710208008011	020800	8011	$6,000	Coastal
120710208008012	020800	8012	$12,000	Coastal
120710208008013	020800	8013	$5,000	Coastal
120710208008014	020800	8014	$12,000	Coastal
120710208008015	020800	8015	$3,000	Coastal
120710301001001	030100	1001	$3,000	Total
120710301001011	030100	1011	$33,000	Total
120710301001012	030100	1012	$549,000	Total
120710301001014	030100	1014	$234,000	Total
120710301001015	030100	1015	$5,000	Total
120710301001016	030100	1016	$5,000	Total
120710301001017	030100	1017	$396,000	Total
120710301001020	030100	1020	$4,000	Total
120710301001021	030100	1021	$71,000	Total
120710301001022	030100	1022	$100,000	Total
120710301001023	030100	1023	$103,000	Total
120710301001024	030100	1024	$26,000	Total
120710301001025	030100	1025	$14,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710301001026	030100	1026	$8,000	Total
120710301002000	030100	2000	$142,000	Total
120710301002001	030100	2001	$9,000	Total
120710301002003	030100	2003	$34,000	Coastal
120710301002004	030100	2004	$4,000	Coastal
120710301002007	030100	2007	$67,000	Total
120710301002008	030100	2008	$158,000	Total
120710301003000	030100	3000	$64,000	Total
120710301003001	030100	3001	$1,338,000	Total
120710301003002	030100	3002	$140,000	Total
120710301003003	030100	3003	$364,000	Total
120710301003004	030100	3004	$393,000	Total
120710302001000	030200	1000	$77,000	Total
120710302001001	030200	1001	$686,000	Total
120710302001002	030200	1002	$561,000	Total
120710302001003	030200	1003	$34,000	Total
120710302001004	030200	1004	$260,000	Total
120710302001006	030200	1006	$271,000	Total
120710302001007	030200	1007	$99,000	Total
120710302001008	030200	1008	$102,000	Total
120710302001009	030200	1009	$132,000	Total
120710302001010	030200	1010	$59,000	Total
120710302001011	030200	1011	$43,000	Total
120710302001012	030200	1012	$43,000	Total
120710302001015	030200	1015	$245,000	Total
120710302001016	030200	1016	$49,000	Total
120710302001017	030200	1017	$43,000	Total
120710302001018	030200	1018	$39,000	Total
120710302001019	030200	1019	$115,000	Total
120710302001020	030200	1020	$96,000	Total
120710302002000	030200	2000	$2,098,000	Total
120710302002001	030200	2001	$59,000	Total
120710302002002	030200	2002	$131,000	Total
120710302002003	030200	2003	$491,000	Total
120710302002004	030200	2004	$505,000	Total
120710302002005	030200	2005	$629,000	Total
120710302002006	030200	2006	$357,000	Total
120710302002007	030200	2007	$95,000	Total
120710302002008	030200	2008	$191,000	Total
120710302002009	030200	2009	$96,000	Total
120710302002010	030200	2010	$81,000	Total
120710302002011	030200	2011	$106,000	Total
120710302002012	030200	2012	$46,000	Total
120710302002013	030200	2013	$15,000	Coastal
120710302002014	030200	2014	$25,000	Coastal
120710302002015	030200	2015	$14,000	Total
120710302002016	030200	2016	$48,000	Total
120710302002017	030200	2017	$46,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710302002018	030200	2018	$43,000	Total
120710302002019	030200	2019	$90,000	Total
120710302002020	030200	2020	$143,000	Total
120710302002021	030200	2021	$178,000	Total
120710302002022	030200	2022	$23,000	Total
120710302002023	030200	2023	$62,000	Total
120710302002024	030200	2024	$71,000	Total
120710302002025	030200	2025	$17,000	Coastal
120710302002026	030200	2026	$317,000	Coastal
120710302002027	030200	2027	$57,000	Total
120710302002028	030200	2028	$14,000	Coastal
120710302002029	030200	2029	$8,000	Coastal
120710302002030	030200	2030	$51,000	Coastal
120710302003000	030200	3000	$891,000	Total
120710302003001	030200	3001	$388,000	Total
120710302003002	030200	3002	$192,000	Total
120710302003003	030200	3003	$124,000	Total
120710302003004	030200	3004	$390,000	Total
120710302003005	030200	3005	$185,000	Total
120710302003006	030200	3006	$425,000	Total
120710302003007	030200	3007	$575,000	Total
120710302003008	030200	3008	$255,000	Total
120710302003009	030200	3009	$114,000	Total
120710302003010	030200	3010	$252,000	Total
120710302003012	030200	3012	$134,000	Total
120710302003013	030200	3013	$26,000	Total
120710302003014	030200	3014	$216,000	Total
120710302003015	030200	3015	$140,000	Total
120710302003016	030200	3016	$9,000	Total
120710302003017	030200	3017	$213,000	Total
120710302003018	030200	3018	$301,000	Total
120710302003019	030200	3019	$160,000	Total
120710302003020	030200	3020	$69,000	Total
120710302003021	030200	3021	$149,000	Total
120710302004000	030200	4000	$179,000	Total
120710302004001	030200	4001	$22,000	Total
120710302004002	030200	4002	$28,000	Total
120710302004003	030200	4003	$20,000	Total
120710302004004	030200	4004	$198,000	Total
120710302004005	030200	4005	$37,000	Total
120710302004006	030200	4006	$22,000	Total
120710302004007	030200	4007	$47,000	Total
120710302004008	030200	4008	$122,000	Total
120710302004009	030200	4009	$14,000	Total
120710302004010	030200	4010	$65,000	Total
120710302004011	030200	4011	$306,000	Total
120710302004012	030200	4012	$184,000	Total
120710302004013	030200	4013	$56,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710302004014	030200	4014	$638,000	Total
120710302004015	030200	4015	$73,000	Total
120710302004016	030200	4016	$76,000	Total
120710302004017	030200	4017	$24,000	Total
120710302004018	030200	4018	$214,000	Total
120710302004019	030200	4019	$53,000	Total
120710302004020	030200	4020	$91,000	Total
120710302004021	030200	4021	$29,000	Total
120710302004022	030200	4022	$51,000	Total
120710302005000	030200	5000	$11,000	Total
120710302005001	030200	5001	$7,000	Total
120710302005002	030200	5002	$19,000	Coastal
120710302005003	030200	5003	$13,000	Coastal
120710302005004	030200	5004	$10,000	Coastal
120710302005005	030200	5005	$17,000	Coastal
120710302005006	030200	5006	$39,000	Coastal
120710302005007	030200	5007	$17,000	Coastal
120710302005008	030200	5008	$15,000	Coastal
120710302005009	030200	5009	$21,000	Coastal
120710302005010	030200	5010	$31,000	Coastal
120710302005011	030200	5011	$24,000	Coastal
120710302005012	030200	5012	$106,000	Coastal
120710302005013	030200	5013	$48,000	Coastal
120710302005014	030200	5014	$22,000	Coastal
120710302005015	030200	5015	$16,000	Coastal
120710302005016	030200	5016	$21,000	Coastal
120710302005017	030200	5017	$31,000	Coastal
120710302005018	030200	5018	$37,000	Coastal
120710302005019	030200	5019	$24,000	Coastal
120710302005020	030200	5020	$33,000	Coastal
120710302005021	030200	5021	$34,000	Coastal
120710302005022	030200	5022	$17,000	Coastal
120710302005023	030200	5023	$13,000	Coastal
120710302005024	030200	5024	$13,000	Coastal
120710302005025	030200	5025	$16,000	Coastal
120710302005026	030200	5026	$16,000	Coastal
120710302006000	030200	6000	$97,000	Total
120710302006001	030200	6001	$60,000	Total
120710302006002	030200	6002	$55,000	Total
120710302006003	030200	6003	$5,000	Total
120710302006004	030200	6004	$16,000	Total
120710302006005	030200	6005	$12,000	Total
120710302006006	030200	6006	$104,000	Total
120710302006007	030200	6007	$12,000	Total
120710302006008	030200	6008	$16,000	Total
120710302006009	030200	6009	$26,000	Total
120710302006010	030200	6010	$39,000	Total
120710302006011	030200	6011	$28,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710302006012	030200	6012	$6,000	Total
120710302006014	030200	6014	$19,000	Coastal
120710302006015	030200	6015	$13,000	Coastal
120710302006016	030200	6016	$7,000	Coastal
120710302006017	030200	6017	$9,000	Coastal
120710302006018	030200	6018	$18,000	Total
120710302006019	030200	6019	$16,000	Coastal
120710302006020	030200	6020	$17,000	Coastal
120710302006021	030200	6021	$19,000	Coastal
120710302006022	030200	6022	$25,000	Coastal
120710302006023	030200	6023	$55,000	Coastal
120710302007000	030200	7000	$362,000	Total
120710302007003	030200	7003	$130,000	Total
120710302007004	030200	7004	$389,000	Total
120710302007005	030200	7005	$7,000	Coastal
120710302007006	030200	7006	$28,000	Coastal
120710302007007	030200	7007	$37,000	Coastal
120710302007008	030200	7008	$29,000	Coastal
120710302007009	030200	7009	$17,000	Coastal
120710302007010	030200	7010	$11,000	Coastal
120710302007011	030200	7011	$18,000	Coastal
120710302007012	030200	7012	$226,000	Total
120710302007013	030200	7013	$159,000	Total
120710302007014	030200	7014	$664,000	Total
120710302007016	030200	7016	$84,000	Total
120710302007017	030200	7017	$107,000	Total
120710303001002	030300	1002	$5,000	Total
120710303001017	030300	1017	$20,000	Total
120710303001018	030300	1018	$162,000	Total
120710303001019	030300	1019	$124,000	Total
120710303001020	030300	1020	$22,000	Total
120710303001021	030300	1021	$130,000	Total
120710303001022	030300	1022	$77,000	Total
120710303001023	030300	1023	$14,000	Total
120710303001024	030300	1024	$95,000	Total
120710303001025	030300	1025	$5,000	Total
120710303001028	030300	1028	$4,000	Total
120710303001029	030300	1029	$306,000	Total
120710303001033	030300	1033	$11,000	Total
120710303001034	030300	1034	$24,000	Total
120710303001035	030300	1035	$11,000	Total
120710303002000	030300	2000	$24,000	Total
120710303002002	030300	2002	$3,000	Total
120710303002003	030300	2003	$148,000	Total
120710303002006	030300	2006	$5,000	Total
120710303002007	030300	2007	$5,000	Total
120710303002008	030300	2008	$3,000	Total
120710303002009	030300	2009	$2,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710303002010	030300	2010	$8,000	Total
120710303002011	030300	2011	$8,000	Total
120710303002012	030300	2012	$10,000	Total
120710303002013	030300	2013	$13,000	Total
120710303002014	030300	2014	$12,000	Total
120710303002015	030300	2015	$42,000	Total
120710303002019	030300	2019	$7,000	Total
120710303003001	030300	3001	$26,000	Total
120710303003003	030300	3003	$7,000	Total
120710303003004	030300	3004	$1,000	Total
120710303003005	030300	3005	$73,000	Total
120710303003006	030300	3006	$35,000	Total
120710303003007	030300	3007	$29,000	Total
120710303003008	030300	3008	$10,000	Total
120710303003009	030300	3009	$56,000	Total
120710303003010	030300	3010	$96,000	Total
120710303003011	030300	3011	$470,000	Total
120710303003012	030300	3012	$5,000	Total
120710303003021	030300	3021	$19,000	Total
120710303003022	030300	3022	$13,000	Total
120710303003023	030300	3023	$1,000	Total
120710303003024	030300	3024	$20,000	Total
120710303003025	030300	3025	$183,000	Total
120710303003027	030300	3027	$71,000	Total
120710303003028	030300	3028	$68,000	Total
120710303003029	030300	3029	$13,000	Total
120710303003030	030300	3030	$39,000	Total
120710303004000	030300	4000	$42,000	Total
120710303004001	030300	4001	$7,000	Total
120710303004002	030300	4002	$8,000	Total
120710303004004	030300	4004	$2,000	Total
120710303004007	030300	4007	$5,000	Total
120710303004008	030300	4008	$130,000	Total
120710303004009	030300	4009	$57,000	Total
120710303005000	030300	5000	$16,000	Total
120710303005012	030300	5012	$2,000	Total
120710303005013	030300	5013	$33,000	Total
120710401011000	040101	1000	$499,000	Total
120710401011001	040101	1001	$129,000	Total
120710401011004	040101	1004	$370,000	Total
120710401011005	040101	1005	$146,000	Total
120710401011006	040101	1006	$80,000	Total
120710401011007	040101	1007	$45,000	Total
120710401011008	040101	1008	$36,000	Total
120710401011009	040101	1009	$154,000	Total
120710401011010	040101	1010	$238,000	Total
120710401012000	040101	2000	$402,000	Total
120710401012001	040101	2001	$46,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710401014006	040101	4006	$1,000	Riverine
120710401021000	040102	1000	$103,000	Total
120710401021017	040102	1017	$38,000	Total
120710401021018	040102	1018	$105,000	Total
120710401027000	040102	7000	$11,000	Total
120710401027009	040102	7009	$1,000	Riverine
120710401027010	040102	7010	$1,000	Riverine
120710401028001	040102	8001	$19,000	Riverine
120710401028007	040102	8007	$9,000	Riverine
120710401028013	040102	8013	$1,000	Riverine
120710401028036	040102	8036	$1,000	Riverine
120710401028046	040102	8046	$2,000	Riverine
120710401032003	040103	2003	$10,000	Riverine
120710401052005	040105	2005	$1,000	Riverine
120710401052008	040105	2008	$10,000	Riverine
120710401053000	040105	3000	$2,000	Riverine
120710401061001	040106	1001	$19,000	Riverine
120710401061004	040106	1004	$3,000	Riverine
120710401071000	040107	1000	$3,000	Coastal
120710401071010	040107	1010	$1,000	Coastal
120710401071021	040107	1021	$22,000	Coastal
120710401071023	040107	1023	$6,000	Coastal
120710401072004	040107	2004	$6,000	Riverine
120710401072005	040107	2005	$6,000	Riverine
120710401072006	040107	2006	$82,000	Riverine
120710401072007	040107	2007	$19,000	Riverine
120710401072008	040107	2008	$14,000	Riverine
120710401072010	040107	2010	$15,000	Riverine
120710401072011	040107	2011	$1,000	Total
120710401072012	040107	2012	$51,000	Total
120710401072013	040107	2013	$2,000	Riverine
120710401072014	040107	2014	$16,000	Riverine
120710401072016	040107	2016	$18,000	Riverine
120710401072018	040107	2018	$21,000	Total
120710401072019	040107	2019	$143,000	Total
120710401072020	040107	2020	$93,000	Coastal
120710401072021	040107	2021	$20,000	Total
120710401072022	040107	2022	$24,000	Total
120710401072025	040107	2025	$5,000	Total
120710402011000	040201	1000	$2,000	Coastal
120710402011001	040201	1001	$135,000	Total
120710402011002	040201	1002	$1,000	Coastal
120710402011003	040201	1003	$234,000	Total
120710402011004	040201	1004	$18,000	Total
120710402011063	040201	1063	$29,000	Total
120710402031001	040203	1001	$1,000	Riverine
120710402031002	040203	1002	$1,000	Total
120710402031004	040203	1004	$96,000	Riverine

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710402032039	040203	2039	$2,000	Riverine
120710402033014	040203	3014	$1,000	Riverine
120710402033025	040203	3025	$1,000	Riverine
120710402033026	040203	3026	$1,000	Riverine
120710402033027	040203	3027	$1,000	Riverine
120710402033030	040203	3030	$3,000	Riverine
120710402033031	040203	3031	$3,000	Riverine
120710402034028	040203	4028	$1,000	Riverine
120710402034029	040203	4029	$4,000	Riverine
120710402034030	040203	4030	$1,000	Riverine
120710402034031	040203	4031	$1,000	Riverine
120710402034032	040203	4032	$1,000	Riverine
120710402034035	040203	4035	$3,000	Riverine
120710402034036	040203	4036	$4,000	Riverine
120710402034037	040203	4037	$8,000	Riverine
120710402034038	040203	4038	$1,000	Riverine
120710402034041	040203	4041	$1,000	Riverine
120710402034063	040203	4063	$2,000	Riverine
120710402035069	040203	5069	$4,000	Riverine
120710402036003	040203	6003	$1,000	Riverine
120710402036004	040203	6004	$1,000	Riverine
120710402036005	040203	6005	$1,000	Riverine
120710402036006	040203	6006	$1,000	Riverine
120710402036007	040203	6007	$2,000	Riverine
120710402036009	040203	6009	$1,000	Riverine
120710402036010	040203	6010	$1,000	Riverine
120710402036017	040203	6017	$1,000	Riverine
120710402036019	040203	6019	$2,000	Riverine
120710402036020	040203	6020	$1,000	Riverine
120710402036023	040203	6023	$2,000	Riverine
120710402036026	040203	6026	$4,000	Riverine
120710402036027	040203	6027	$2,000	Riverine
120710402036029	040203	6029	$3,000	Riverine
120710402036030	040203	6030	$1,000	Riverine
120710402036032	040203	6032	$6,000	Riverine
120710402036033	040203	6033	$1,000	Riverine
120710402036034	040203	6034	$1,000	Riverine
120710402036035	040203	6035	$1,000	Riverine
120710402036036	040203	6036	$1,000	Riverine
120710402036044	040203	6044	$3,000	Riverine
120710402036045	040203	6045	$14,000	Riverine
120710402036047	040203	6047	$4,000	Riverine
120710402036048	040203	6048	$4,000	Riverine
120710402036049	040203	6049	$5,000	Riverine
120710402036050	040203	6050	$1,000	Riverine
120710402036051	040203	6051	$15,000	Riverine
120710402036052	040203	6052	$1,000	Riverine
120710402037000	040203	7000	$4,000	Riverine

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710402037032	040203	7032	$22,000	Riverine
120710402037035	040203	7035	$8,000	Riverine
120710402041000	040204	1000	$9,000	Total
120710402041004	040204	1004	$2,000	Riverine
120710402041005	040204	1005	$9,000	Riverine
120710402041007	040204	1007	$8,000	Riverine
120710402041018	040204	1018	$1,000	Riverine
120710402041023	040204	1023	$1,000	Riverine
120710402041024	040204	1024	$1,000	Riverine
120710402042017	040204	2017	$2,000	Riverine
120710402042025	040204	2025	$1,000	Riverine
120710402042070	040204	2070	$2,000	Riverine
120710402043026	040204	3026	$2,000	Riverine
120710402043027	040204	3027	$2,000	Riverine
120710402043028	040204	3028	$4,000	Riverine
120710402043029	040204	3029	$1,000	Riverine
120710402043066	040204	3066	$1,000	Riverine
120710402043068	040204	3068	$1,000	Riverine
120710402043074	040204	3074	$1,000	Riverine
120710402043075	040204	3075	$2,000	Riverine
120710402044013	040204	4013	$1,000	Riverine
120710402044014	040204	4014	$2,000	Riverine
120710402044015	040204	4015	$2,000	Riverine
120710402044016	040204	4016	$1,000	Riverine
120710402044017	040204	4017	$1,000	Riverine
120710402044022	040204	4022	$2,000	Riverine
120710402044023	040204	4023	$5,000	Riverine
120710402044024	040204	4024	$3,000	Riverine
120710402044025	040204	4025	$1,000	Riverine
120710402044026	040204	4026	$1,000	Riverine
120710402044063	040204	4063	$2,000	Riverine
120710402044064	040204	4064	$3,000	Riverine
120710402044065	040204	4065	$6,000	Riverine
120710402044066	040204	4066	$9,000	Riverine
120710402044067	040204	4067	$5,000	Riverine
120710402044068	040204	4068	$2,000	Riverine
120710402044071	040204	4071	$3,000	Riverine
120710402044072	040204	4072	$8,000	Riverine
120710402044073	040204	4073	$12,000	Riverine
120710402044074	040204	4074	$5,000	Riverine
120710402044075	040204	4075	$1,000	Riverine
120710402045019	040204	5019	$1,000	Riverine
120710402045020	040204	5020	$4,000	Riverine
120710402045021	040204	5021	$5,000	Riverine
120710402045022	040204	5022	$13,000	Riverine
120710402045024	040204	5024	$4,000	Riverine
120710402045025	040204	5025	$4,000	Riverine
120710402045026	040204	5026	$5,000	Riverine

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710402045027	040204	5027	$6,000	Riverine
120710402045028	040204	5028	$7,000	Riverine
120710402045029	040204	5029	$4,000	Riverine
120710402045030	040204	5030	$4,000	Riverine
120710402045031	040204	5031	$9,000	Riverine
120710402045056	040204	5056	$3,000	Riverine
120710402045057	040204	5057	$5,000	Riverine
120710402045059	040204	5059	$3,000	Riverine
120710402045060	040204	5060	$4,000	Riverine
120710402045061	040204	5061	$7,000	Riverine
120710402045062	040204	5062	$5,000	Riverine
120710402045063	040204	5063	$2,000	Riverine
120710402045064	040204	5064	$2,000	Riverine
120710402045065	040204	5065	$33,000	Riverine
120710402045066	040204	5066	$8,000	Riverine
120710403053001	040305	3001	$5,000	Riverine
120710501011000	050101	1000	$570,000	Coastal
120710501011001	050101	1001	$3,978,000	Coastal
120710501011002	050101	1002	$106,000	Coastal
120710501011004	050101	1004	$112,000	Coastal
120710501011005	050101	1005	$424,000	Coastal
120710501011006	050101	1006	$202,000	Coastal
120710501011007	050101	1007	$100,000	Coastal
120710501012000	050101	2000	$80,000	Total
120710501012001	050101	2001	$1,219,000	Coastal
120710501012002	050101	2002	$38,000	Coastal
120710501012003	050101	2003	$40,000	Coastal
120710501012004	050101	2004	$11,000	Coastal
120710501012005	050101	2005	$277,000	Total
120710501012006	050101	2006	$4,509,000	Total
120710501012007	050101	2007	$132,000	Total
120710501012008	050101	2008	$198,000	Total
120710501012009	050101	2009	$629,000	Total
120710501012010	050101	2010	$91,000	Total
120710501012012	050101	2012	$469,000	Total
120710501012013	050101	2013	$799,000	Coastal
120710501012014	050101	2014	$3,338,000	Total
120710501012017	050101	2017	$543,000	Coastal
120710501012018	050101	2018	$152,000	Total
120710501012019	050101	2019	$8,000	Total
120710501013000	050101	3000	$617,000	Coastal
120710501013001	050101	3001	$157,000	Coastal
120710501013002	050101	3002	$96,000	Coastal
120710501013003	050101	3003	$108,000	Coastal
120710501013004	050101	3004	$42,000	Coastal
120710501013005	050101	3005	$201,000	Coastal
120710501013006	050101	3006	$205,000	Coastal
120710501013007	050101	3007	$222,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710501013008	050101	3008	$32,000	Coastal
120710501013009	050101	3009	$1,285,000	Coastal
120710501013010	050101	3010	$284,000	Total
120710501013011	050101	3011	$135,000	Coastal
120710501013012	050101	3012	$358,000	Coastal
120710501013013	050101	3013	$154,000	Coastal
120710501013014	050101	3014	$2,820,000	Total
120710501013015	050101	3015	$190,000	Coastal
120710501014000	050101	4000	$3,155,000	Total
120710501014007	050101	4007	$7,000	Total
120710501014020	050101	4020	$72,000	Coastal
120710501014021	050101	4021	$3,581,000	Total
120710501014022	050101	4022	$216,000	Coastal
120710501014023	050101	4023	$134,000	Total
120710501014024	050101	4024	$161,000	Total
120710501014025	050101	4025	$40,000	Coastal
120710501014026	050101	4026	$2,007,000	Coastal
120710501014027	050101	4027	$70,000	Coastal
120710501014028	050101	4028	$22,000	Coastal
120710501014029	050101	4029	$53,000	Coastal
120710501014030	050101	4030	$55,000	Coastal
120710501014031	050101	4031	$75,000	Coastal
120710501014032	050101	4032	$33,000	Coastal
120710501014033	050101	4033	$15,000	Coastal
120710501021000	050102	1000	$174,000	Coastal
120710501021001	050102	1001	$1,501,000	Total
120710501021002	050102	1002	$15,000	Coastal
120710501021003	050102	1003	$3,000	Coastal
120710501021004	050102	1004	$2,000	Coastal
120710501021005	050102	1005	$36,000	Coastal
120710501021008	050102	1008	$19,000	Coastal
120710501021009	050102	1009	$9,000	Coastal
120710501021010	050102	1010	$162,000	Total
120710501021011	050102	1011	$21,000	Coastal
120710501021012	050102	1012	$9,000	Coastal
120710501021013	050102	1013	$17,000	Total
120710501021014	050102	1014	$19,000	Coastal
120710501021015	050102	1015	$9,000	Coastal
120710501021016	050102	1016	$8,000	Coastal
120710501021017	050102	1017	$8,000	Coastal
120710501021018	050102	1018	$10,000	Coastal
120710501021019	050102	1019	$8,000	Coastal
120710501021020	050102	1020	$8,000	Coastal
120710501021021	050102	1021	$8,000	Coastal
120710501021022	050102	1022	$10,000	Total
120710501021023	050102	1023	$11,000	Total
120710501021024	050102	1024	$7,000	Total
120710501021025	050102	1025	$10,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710501021026	050102	1026	$10,000	Coastal
120710501021027	050102	1027	$6,000	Coastal
120710501021028	050102	1028	$3,000	Total
120710501021029	050102	1029	$3,000	Total
120710501021030	050102	1030	$3,000	Total
120710501021031	050102	1031	$7,000	Coastal
120710501021032	050102	1032	$20,000	Total
120710501021033	050102	1033	$9,000	Total
120710501021034	050102	1034	$9,000	Total
120710501021035	050102	1035	$22,000	Total
120710501021036	050102	1036	$23,000	Total
120710501021037	050102	1037	$10,000	Total
120710501021038	050102	1038	$15,000	Total
120710501021039	050102	1039	$24,000	Total
120710501021040	050102	1040	$3,000	Coastal
120710501021041	050102	1041	$19,000	Coastal
120710501021042	050102	1042	$2,000	Coastal
120710501021046	050102	1046	$14,000	Total
120710501021047	050102	1047	$766,000	Total
120710501021048	050102	1048	$32,000	Total
120710501021050	050102	1050	$11,000	Coastal
120710501021051	050102	1051	$77,000	Coastal
120710501021052	050102	1052	$10,000	Coastal
120710501021053	050102	1053	$63,000	Coastal
120710501021054	050102	1054	$21,000	Coastal
120710501021055	050102	1055	$13,000	Coastal
120710501021057	050102	1057	$148,000	Coastal
120710501021058	050102	1058	$77,000	Coastal
120710501022000	050102	2000	$169,000	Total
120710501022001	050102	2001	$400,000	Total
120710501022002	050102	2002	$50,000	Total
120710501022003	050102	2003	$8,000	Coastal
120710501022004	050102	2004	$73,000	Total
120710501022006	050102	2006	$32,000	Total
120710501022007	050102	2007	$45,000	Total
120710501022008	050102	2008	$29,000	Total
120710501022009	050102	2009	$177,000	Total
120710501022010	050102	2010	$20,000	Total
120710501022011	050102	2011	$13,000	Total
120710501022012	050102	2012	$21,000	Total
120710502011001	050201	1001	$446,000	Total
120710502011003	050201	1003	$41,000	Coastal
120710502011004	050201	1004	$446,000	Coastal
120710502011005	050201	1005	$34,000	Coastal
120710502011007	050201	1007	$108,000	Coastal
120710502011008	050201	1008	$160,000	Coastal
120710502011009	050201	1009	$262,000	Coastal
120710502011010	050201	1010	$5,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710502011012	050201	1012	$4,000	Coastal
120710502011013	050201	1013	$3,000	Coastal
120710502011014	050201	1014	$15,000	Coastal
120710502011015	050201	1015	$1,000	Coastal
120710502011016	050201	1016	$1,000	Coastal
120710502011017	050201	1017	$1,000	Coastal
120710502011018	050201	1018	$3,000	Coastal
120710502011019	050201	1019	$348,000	Coastal
120710502011020	050201	1020	$8,000	Coastal
120710502011021	050201	1021	$8,000	Coastal
120710502011022	050201	1022	$7,000	Coastal
120710502011028	050201	1028	$5,000	Coastal
120710502011029	050201	1029	$2,000	Coastal
120710502011030	050201	1030	$4,000	Coastal
120710502011031	050201	1031	$1,000	Coastal
120710502012020	050201	2020	$249,000	Coastal
120710502012021	050201	2021	$14,000	Coastal
120710502012022	050201	2022	$21,000	Coastal
120710502012023	050201	2023	$11,000	Coastal
120710502012024	050201	2024	$15,000	Coastal
120710502012025	050201	2025	$6,000	Coastal
120710502012026	050201	2026	$8,000	Coastal
120710502012028	050201	2028	$4,000	Coastal
120710502012030	050201	2030	$17,000	Coastal
120710502012031	050201	2031	$25,000	Coastal
120710502012033	050201	2033	$48,000	Coastal
120710502012034	050201	2034	$2,000	Coastal
120710502012035	050201	2035	$2,000	Coastal
120710502013050	050201	3050	$3,000	Coastal
120710502013072	050201	3072	$1,000	Coastal
120710502021032	050202	1032	$5,000	Coastal
120710502021033	050202	1033	$1,000	Coastal
120710502021034	050202	1034	$14,000	Coastal
120710502021035	050202	1035	$20,000	Coastal
120710502021036	050202	1036	$5,000	Coastal
120710502021037	050202	1037	$2,000	Coastal
120710502021042	050202	1042	$23,000	Coastal
120710502021045	050202	1045	$12,000	Coastal
120710502021047	050202	1047	$11,000	Coastal
120710502021048	050202	1048	$22,000	Coastal
120710502023004	050202	3004	$7,000	Coastal
120710502023007	050202	3007	$22,000	Coastal
120710502032001	050203	2001	$34,000	Total
120710502032004	050203	2004	$16,000	Coastal
120710502032005	050203	2005	$44,000	Coastal
120710502032006	050203	2006	$3,000	Coastal
120710502032010	050203	2010	$6,000	Coastal
120710502032011	050203	2011	$14,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710502032013	050203	2013	$8,000	Total
120710502032014	050203	2014	$2,000	Coastal
120710502032016	050203	2016	$2,000	Total
120710502032017	050203	2017	$22,000	Total
120710502032018	050203	2018	$41,000	Total
120710502032021	050203	2021	$11,000	Total
120710503041000	050304	1000	$162,000	Total
120710503041001	050304	1001	$696,000	Total
120710503041002	050304	1002	$98,000	Coastal
120710503041003	050304	1003	$13,000	Coastal
120710503041008	050304	1008	$5,000	Coastal
120710503041011	050304	1011	$20,000	Coastal
120710503041013	050304	1013	$1,000	Coastal
120710503041015	050304	1015	$250,000	Total
120710503041016	050304	1016	$2,000	Coastal
120710503041017	050304	1017	$8,000	Coastal
120710503041018	050304	1018	$2,000	Coastal
120710503041019	050304	1019	$1,000	Coastal
120710503041031	050304	1031	$1,402,000	Total
120710503041036	050304	1036	$8,000	Coastal
120710503041037	050304	1037	$657,000	Total
120710503041039	050304	1039	$334,000	Coastal
120710503041040	050304	1040	$766,000	Total
120710503041048	050304	1048	$1,000	Coastal
120710503041049	050304	1049	$2,000	Coastal
120710503041050	050304	1050	$3,000	Coastal
120710503041051	050304	1051	$1,000	Coastal
120710503041053	050304	1053	$2,000	Coastal
120710503041054	050304	1054	$2,000	Coastal
120710503041057	050304	1057	$1,000	Coastal
120710503041058	050304	1058	$2,000	Coastal
120710503041065	050304	1065	$3,000	Coastal
120710503041066	050304	1066	$10,000	Coastal
120710503041067	050304	1067	$14,000	Coastal
120710503041068	050304	1068	$1,000	Coastal
120710503041073	050304	1073	$226,000	Total
120710503041074	050304	1074	$2,000	Coastal
120710503041076	050304	1076	$1,497,000	Total
120710503041077	050304	1077	$7,000	Coastal
120710503041078	050304	1078	$7,000	Coastal
120710503041079	050304	1079	$1,000	Coastal
120710503041080	050304	1080	$46,000	Total
120710503041081	050304	1081	$14,000	Coastal
120710503041082	050304	1082	$87,000	Total
120710503041083	050304	1083	$83,000	Total
120710503041084	050304	1084	$57,000	Coastal
120710503041085	050304	1085	$81,000	Total
120710503041086	050304	1086	$335,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710503041088	050304	1088	$23,000	Coastal
120710503041089	050304	1089	$143,000	Coastal
120710503051000	050305	1000	$15,356,000	Total
120710503051001	050305	1001	$241,000	Coastal
120710503051002	050305	1002	$428,000	Coastal
120710503051003	050305	1003	$242,000	Coastal
120710503051004	050305	1004	$3,796,000	Total
120710503051005	050305	1005	$19,000	Coastal
120710503051007	050305	1007	$1,522,000	Total
120710503051009	050305	1009	$459,000	Total
120710503051010	050305	1010	$47,000	Total
120710503051011	050305	1011	$611,000	Total
120710503051012	050305	1012	$248,000	Total
120710503061001	050306	1001	$27,000	Coastal
120710503061011	050306	1011	$21,000	Coastal
120710503061016	050306	1016	$2,000	Coastal
120710503061020	050306	1020	$4,000	Total
120710503061022	050306	1022	$15,000	Coastal
120710503071002	050307	1002	$1,000	Coastal
120710503071003	050307	1003	$2,000	Coastal
120710503082002	050308	2002	$8,000	Total
120710503082003	050308	2003	$1,000	Coastal
120710503082007	050308	2007	$5,000	Total
120710503082013	050308	2013	$12,000	Total
120710503082014	050308	2014	$2,000	Total
120710503082015	050308	2015	$158,000	Total
120710503082016	050308	2016	$6,000	Total
120710503082017	050308	2017	$4,000	Total
120710503082018	050308	2018	$1,000	Total
120710503082020	050308	2020	$1,000	Total
120710503082025	050308	2025	$28,000	Total
120710503082029	050308	2029	$1,000	Total
120710503082030	050308	2030	$2,000	Total
120710503082031	050308	2031	$9,000	Total
120710503082032	050308	2032	$12,000	Total
120710503082033	050308	2033	$2,000	Total
120710503082034	050308	2034	$21,000	Total
120710503082035	050308	2035	$9,000	Total
120710503083001	050308	3001	$3,000	Coastal
120710503083003	050308	3003	$1,108,000	Total
120710503083004	050308	3004	$1,000	Coastal
120710503083005	050308	3005	$20,000	Total
120710503083006	050308	3006	$49,000	Total
120710503083007	050308	3007	$34,000	Total
120710503083008	050308	3008	$44,000	Total
120710503083009	050308	3009	$14,000	Total
120710503083010	050308	3010	$54,000	Coastal
120710503083011	050308	3011	$120,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710503083012	050308	3012	$57,000	Coastal
120710503083013	050308	3013	$237,000	Total
120710503083016	050308	3016	$22,000	Total
120710503083017	050308	3017	$169,000	Coastal
120710503083018	050308	3018	$22,000	Coastal
120710503083020	050308	3020	$43,000	Total
120710503083021	050308	3021	$56,000	Total
120710503083022	050308	3022	$121,000	Total
120710503083024	050308	3024	$7,000	Total
120710503083026	050308	3026	$2,000	Coastal
120710503083027	050308	3027	$20,000	Total
120710503083028	050308	3028	$2,000	Coastal
120710503083029	050308	3029	$5,000	Coastal
120710503083030	050308	3030	$11,000	Coastal
120710503083031	050308	3031	$3,000	Coastal
120710503083032	050308	3032	$5,000	Coastal
120710503083033	050308	3033	$35,000	Coastal
120710503083034	050308	3034	$19,000	Coastal
120710503083035	050308	3035	$10,000	Coastal
120710503083036	050308	3036	$7,000	Coastal
120710503083037	050308	3037	$3,000	Total
120710503083039	050308	3039	$119,000	Total
120710503083040	050308	3040	$253,000	Total
120710503083041	050308	3041	$148,000	Total
120710503083042	050308	3042	$58,000	Total
120710503083043	050308	3043	$201,000	Total
120710503083044	050308	3044	$15,000	Total
120710503091023	050309	1023	$1,000	Total
120710503091024	050309	1024	$7,000	Riverine
120710503091026	050309	1026	$25,000	Total
120710503091027	050309	1027	$1,000	Total
120710503091031	050309	1031	$7,000	Total
120710503091040	050309	1040	$1,000	Riverine
120710503091043	050309	1043	$2,000	Total
120710503091045	050309	1045	$2,000	Total
120710503091046	050309	1046	$1,000	Total
120710503091047	050309	1047	$8,000	Total
120710503091048	050309	1048	$1,000	Total
120710503092005	050309	2005	$159,000	Total
120710503092006	050309	2006	$1,000	Total
120710503092007	050309	2007	$31,000	Total
120710503092010	050309	2010	$13,000	Total
120710503092011	050309	2011	$161,000	Total
120710503101001	050310	1001	$12,000	Total
120710503101002	050310	1002	$5,000	Coastal
120710503101003	050310	1003	$1,000	Coastal
120710503101004	050310	1004	$13,000	Coastal
120710503101005	050310	1005	$3,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710503101010	050310	1010	$89,000	Coastal
120710503101011	050310	1011	$5,000	Total
120710503101013	050310	1013	$13,000	Coastal
120710503101014	050310	1014	$3,000	Coastal
120710503101015	050310	1015	$3,000	Coastal
120710503101016	050310	1016	$10,000	Coastal
120710503101017	050310	1017	$39,000	Coastal
120710503102000	050310	2000	$5,000	Total
120710503102002	050310	2002	$7,000	Total
120710504001000	050400	1000	$57,000	Total
120710504001001	050400	1001	$2,000	Coastal
120710504001002	050400	1002	$864,000	Total
120710504001003	050400	1003	$9,000	Total
120710504001004	050400	1004	$108,000	Total
120710504001005	050400	1005	$84,000	Total
120710504001006	050400	1006	$165,000	Total
120710504001007	050400	1007	$78,000	Total
120710504001008	050400	1008	$65,000	Total
120710504001009	050400	1009	$29,000	Coastal
120710504001010	050400	1010	$35,000	Coastal
120710504001011	050400	1011	$9,000	Coastal
120710504001012	050400	1012	$28,000	Coastal
120710504001013	050400	1013	$3,000	Coastal
120710504001014	050400	1014	$5,000	Coastal
120710504002000	050400	2000	$51,000	Total
120710504002001	050400	2001	$9,000	Coastal
120710504002002	050400	2002	$6,000	Coastal
120710504002003	050400	2003	$12,000	Coastal
120710504002004	050400	2004	$11,000	Coastal
120710504002005	050400	2005	$7,000	Coastal
120710504002007	050400	2007	$24,000	Total
120710504002008	050400	2008	$12,000	Total
120710504002009	050400	2009	$15,000	Total
120710504002010	050400	2010	$18,000	Total
120710504002011	050400	2011	$12,000	Coastal
120710504002012	050400	2012	$7,000	Coastal
120710504002013	050400	2013	$8,000	Coastal
120710504002014	050400	2014	$7,000	Total
120710504002015	050400	2015	$14,000	Total
120710504002017	050400	2017	$10,000	Total
120710504002018	050400	2018	$13,000	Total
120710504002020	050400	2020	$2,000	Coastal
120710504002021	050400	2021	$12,000	Coastal
120710504003000	050400	3000	$109,000	Total
120710504003002	050400	3002	$34,000	Total
120710504003004	050400	3004	$4,000	Total
120710504003005	050400	3005	$4,000	Total
120710504003006	050400	3006	$3,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710504003007	050400	3007	$13,000	Total
120710504003008	050400	3008	$44,000	Total
120710504003009	050400	3009	$14,000	Total
120710504003012	050400	3012	$2,000	Coastal
120710504003014	050400	3014	$4,000	Coastal
120710504003015	050400	3015	$9,000	Coastal
120710504003017	050400	3017	$2,000	Coastal
120710504003018	050400	3018	$4,000	Coastal
120710504003019	050400	3019	$6,000	Coastal
120710504003020	050400	3020	$6,000	Coastal
120710504003021	050400	3021	$11,000	Coastal
120710504003022	050400	3022	$15,000	Coastal
120710504003023	050400	3023	$2,000	Coastal
120710504003024	050400	3024	$11,000	Total
120710504003025	050400	3025	$6,000	Total
120710504003026	050400	3026	$7,000	Total
120710504003027	050400	3027	$7,000	Total
120710504003028	050400	3028	$7,000	Total
120710504003029	050400	3029	$6,000	Total
120710504004000	050400	4000	$72,000	Total
120710504004001	050400	4001	$544,000	Total
120710504004002	050400	4002	$119,000	Total
120710504004003	050400	4003	$198,000	Total
120710504004004	050400	4004	$248,000	Total
120710504004005	050400	4005	$60,000	Total
120710504004006	050400	4006	$142,000	Total
120710504004007	050400	4007	$292,000	Total
120710504004008	050400	4008	$643,000	Total
120710504004009	050400	4009	$124,000	Total
120710504004010	050400	4010	$106,000	Total
120710504004011	050400	4011	$358,000	Total
120710504004012	050400	4012	$314,000	Total
120710504004013	050400	4013	$59,000	Total
120710504004014	050400	4014	$194,000	Total
120710504004015	050400	4015	$280,000	Total
120710504004016	050400	4016	$410,000	Total
120710504004018	050400	4018	$255,000	Total
120710504004019	050400	4019	$84,000	Total
120710504005000	050400	5000	$29,000	Total
120710504005001	050400	5001	$6,000	Total
120710504005002	050400	5002	$8,000	Total
120710504005003	050400	5003	$21,000	Total
120710504005004	050400	5004	$11,000	Total
120710504005005	050400	5005	$349,000	Total
120710504005006	050400	5006	$4,000	Total
120710504005007	050400	5007	$8,000	Total
120710504005008	050400	5008	$42,000	Total
120710504005009	050400	5009	$36,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710504005010	050400	5010	$137,000	Total
120710504005011	050400	5011	$8,000	Total
120710504005012	050400	5012	$13,000	Total
120710504005013	050400	5013	$129,000	Total
120710504005014	050400	5014	$33,000	Total
120710504005016	050400	5016	$24,000	Total
120710504005017	050400	5017	$139,000	Total
120710504005018	050400	5018	$241,000	Total
120710504005019	050400	5019	$1,000	Total
120710505001000	050500	1000	$42,000	Total
120710505001001	050500	1001	$363,000	Total
120710505001002	050500	1002	$107,000	Total
120710505001003	050500	1003	$21,000	Total
120710505001004	050500	1004	$141,000	Total
120710505001005	050500	1005	$280,000	Total
120710505001006	050500	1006	$78,000	Total
120710505001008	050500	1008	$120,000	Total
120710505001009	050500	1009	$54,000	Total
120710505001010	050500	1010	$40,000	Total
120710505001011	050500	1011	$10,000	Total
120710505001012	050500	1012	$3,000	Total
120710505001013	050500	1013	$4,000	Total
120710505001014	050500	1014	$8,000	Total
120710505001015	050500	1015	$2,000	Total
120710505001016	050500	1016	$4,000	Total
120710505001017	050500	1017	$13,000	Total
120710505001018	050500	1018	$34,000	Total
120710505001020	050500	1020	$19,000	Coastal
120710505001024	050500	1024	$3,000	Total
120710505001025	050500	1025	$1,000	Total
120710505001027	050500	1027	$2,000	Total
120710505001028	050500	1028	$8,000	Total
120710505001029	050500	1029	$1,000	Total
120710505001033	050500	1033	$1,000	Total
120710505001036	050500	1036	$1,000	Coastal
120710505001037	050500	1037	$2,000	Coastal
120710505001039	050500	1039	$4,000	Coastal
120710505001046	050500	1046	$2,000	Total
120710505001050	050500	1050	$1,000	Total
120710505001053	050500	1053	$4,000	Coastal
120710505001054	050500	1054	$15,000	Total
120710505001056	050500	1056	$5,000	Coastal
120710505001057	050500	1057	$157,000	Coastal
120710505001058	050500	1058	$1,000	Total
120710505001059	050500	1059	$31,000	Total
120710505001062	050500	1062	$6,000	Total
120710505001063	050500	1063	$2,000	Total
120710505001064	050500	1064	$22,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710505001066	050500	1066	$12,000	Coastal
120710505001067	050500	1067	$30,000	Coastal
120710505001068	050500	1068	$12,000	Coastal
120710505001069	050500	1069	$34,000	Total
120710505001070	050500	1070	$3,000	Total
120710505002000	050500	2000	$8,000	Total
120710505002001	050500	2001	$264,000	Total
120710505002002	050500	2002	$9,000	Total
120710505002003	050500	2003	$15,000	Total
120710505002004	050500	2004	$7,000	Total
120710505002005	050500	2005	$12,000	Total
120710505002006	050500	2006	$2,000	Total
120710505002007	050500	2007	$5,000	Total
120710505002008	050500	2008	$6,000	Total
120710505002009	050500	2009	$10,000	Total
120710505002011	050500	2011	$22,000	Total
120710505002012	050500	2012	$12,000	Total
120710505002013	050500	2013	$25,000	Total
120710505002014	050500	2014	$12,000	Total
120710505002015	050500	2015	$2,000	Total
120710505002016	050500	2016	$19,000	Total
120710505002017	050500	2017	$2,000	Total
120710505002018	050500	2018	$14,000	Total
120710505002019	050500	2019	$9,000	Total
120710505002020	050500	2020	$5,000	Total
120710505002021	050500	2021	$12,000	Total
120710505002022	050500	2022	$30,000	Total
120710505002023	050500	2023	$5,000	Total
120710505002024	050500	2024	$8,000	Total
120710505002025	050500	2025	$2,000	Total
120710505002027	050500	2027	$2,000	Total
120710505002028	050500	2028	$36,000	Total
120710505002029	050500	2029	$9,000	Total
120710505002030	050500	2030	$12,000	Total
120710505002031	050500	2031	$70,000	Total
120710505002035	050500	2035	$1,000	Total
120710505003000	050500	3000	$21,000	Total
120710505003001	050500	3001	$159,000	Total
120710505003002	050500	3002	$1,000	Total
120710505003003	050500	3003	$5,000	Total
120710505003004	050500	3004	$3,000	Total
120710505003005	050500	3005	$39,000	Total
120710505003006	050500	3006	$26,000	Total
120710505003007	050500	3007	$8,000	Total
120710505003008	050500	3008	$14,000	Total
120710505003009	050500	3009	$12,000	Total
120710505003010	050500	3010	$58,000	Total
120710505003011	050500	3011	$5,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710505003012	050500	3012	$5,000	Total
120710505003014	050500	3014	$3,000	Total
120710505003015	050500	3015	$26,000	Total
120710505003016	050500	3016	$7,000	Total
120710505003017	050500	3017	$23,000	Total
120710505003018	050500	3018	$2,000	Total
120710505003019	050500	3019	$12,000	Total
120710505003020	050500	3020	$22,000	Total
120710505003021	050500	3021	$30,000	Total
120710505003022	050500	3022	$6,000	Total
120710505004000	050500	4000	$78,000	Total
120710505004001	050500	4001	$44,000	Total
120710505004002	050500	4002	$139,000	Total
120710505004005	050500	4005	$1,000	Coastal
120710505004007	050500	4007	$156,000	Total
120710505004008	050500	4008	$22,000	Coastal
120710505004009	050500	4009	$6,000	Coastal
120710505004010	050500	4010	$19,000	Coastal
120710505004011	050500	4011	$20,000	Coastal
120710506001000	050600	1000	$711,000	Total
120710506001001	050600	1001	$263,000	Total
120710506001002	050600	1002	$486,000	Total
120710506001003	050600	1003	$491,000	Total
120710506001004	050600	1004	$147,000	Total
120710506001005	050600	1005	$153,000	Total
120710506001006	050600	1006	$10,000	Total
120710506001007	050600	1007	$8,000	Coastal
120710506001008	050600	1008	$109,000	Total
120710506001009	050600	1009	$7,000	Coastal
120710506001010	050600	1010	$121,000	Total
120710506001011	050600	1011	$316,000	Total
120710506001012	050600	1012	$237,000	Total
120710506001013	050600	1013	$342,000	Total
120710506001014	050600	1014	$104,000	Total
120710506001015	050600	1015	$258,000	Total
120710506001016	050600	1016	$590,000	Total
120710506002000	050600	2000	$1,111,000	Total
120710506002004	050600	2004	$232,000	Total
120710506002005	050600	2005	$32,000	Total
120710506002006	050600	2006	$273,000	Total
120710506002007	050600	2007	$307,000	Total
120710506002008	050600	2008	$87,000	Total
120710506002009	050600	2009	$18,000	Total
120710506002010	050600	2010	$4,000	Coastal
120710506002011	050600	2011	$22,000	Coastal
120710506002012	050600	2012	$42,000	Total
120710506002013	050600	2013	$224,000	Total
120710506002014	050600	2014	$24,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710506002015	050600	2015	$68,000	Total
120710506002016	050600	2016	$105,000	Total
120710506003000	050600	3000	$359,000	Total
120710506003001	050600	3001	$229,000	Total
120710506003002	050600	3002	$402,000	Total
120710506003003	050600	3003	$344,000	Total
120710506003004	050600	3004	$531,000	Total
120710506003005	050600	3005	$172,000	Total
120710506003006	050600	3006	$165,000	Total
120710506003007	050600	3007	$386,000	Total
120710506003008	050600	3008	$84,000	Total
120710506003009	050600	3009	$132,000	Total
120710506003010	050600	3010	$20,000	Total
120710506003011	050600	3011	$12,000	Coastal
120710506003012	050600	3012	$13,000	Coastal
120710506003013	050600	3013	$13,000	Total
120710506003014	050600	3014	$94,000	Total
120710506003015	050600	3015	$16,000	Coastal
120710506003016	050600	3016	$16,000	Coastal
120710506003017	050600	3017	$6,000	Total
120710506003018	050600	3018	$26,000	Total
120710506003019	050600	3019	$1,000	Coastal
120710506003020	050600	3020	$19,000	Total
120710506004001	050600	4001	$364,000	Total
120710506004002	050600	4002	$27,000	Total
120710506004003	050600	4003	$55,000	Total
120710506004004	050600	4004	$20,000	Total
120710506004005	050600	4005	$81,000	Total
120710506004006	050600	4006	$106,000	Total
120710506004007	050600	4007	$11,000	Total
120710506004008	050600	4008	$5,000	Total
120710506004009	050600	4009	$20,000	Total
120710506004010	050600	4010	$32,000	Total
120710506004011	050600	4011	$31,000	Total
120710506004012	050600	4012	$121,000	Total
120710506004013	050600	4013	$56,000	Total
120710506004014	050600	4014	$131,000	Total
120710506004015	050600	4015	$186,000	Total
120710506004016	050600	4016	$66,000	Total
120710506004017	050600	4017	$59,000	Total
120710506004018	050600	4018	$35,000	Total
120710506004019	050600	4019	$13,000	Total
120710506004020	050600	4020	$19,000	Total
120710506004021	050600	4021	$174,000	Total
120710506004022	050600	4022	$73,000	Total
120710506004023	050600	4023	$60,000	Total
120710506004024	050600	4024	$216,000	Total
120710506004025	050600	4025	$10,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710506004026	050600	4026	$66,000	Total
120710506004027	050600	4027	$34,000	Total
120710506004028	050600	4028	$35,000	Total
120710506004029	050600	4029	$21,000	Coastal
120710506004030	050600	4030	$19,000	Coastal
120710506004031	050600	4031	$24,000	Coastal
120710506004032	050600	4032	$4,000	Coastal
120710506005000	050600	5000	$53,000	Coastal
120710506005001	050600	5001	$366,000	Coastal
120710506005003	050600	5003	$13,000	Coastal
120710506005004	050600	5004	$34,000	Coastal
120710506005005	050600	5005	$41,000	Coastal
120710506005006	050600	5006	$5,000	Coastal
120710506005007	050600	5007	$88,000	Coastal
120710506005008	050600	5008	$3,000	Coastal
120710506005010	050600	5010	$36,000	Coastal
120710506005012	050600	5012	$23,000	Coastal
120710506005013	050600	5013	$3,000	Coastal
120710506005015	050600	5015	$43,000	Coastal
120710506005017	050600	5017	$5,000	Coastal
120710506005018	050600	5018	$14,000	Total
120710506005019	050600	5019	$6,000	Coastal
120710506005020	050600	5020	$19,000	Coastal
120710506005021	050600	5021	$14,000	Coastal
120710506005022	050600	5022	$11,000	Coastal
120710506005023	050600	5023	$18,000	Coastal
120710506006000	050600	6000	$58,000	Coastal
120710506006002	050600	6002	$1,000	Coastal
120710506006003	050600	6003	$1,000	Coastal
120710506006004	050600	6004	$3,000	Coastal
120710506006005	050600	6005	$1,000	Coastal
120710506006010	050600	6010	$175,000	Coastal
120710601011000	060101	1000	$64,000	Total
120710601011001	060101	1001	$174,000	Coastal
120710601011002	060101	1002	$97,000	Coastal
120710601011003	060101	1003	$351,000	Total
120710601011004	060101	1004	$77,000	Coastal
120710601011005	060101	1005	$129,000	Coastal
120710601011006	060101	1006	$369,000	Coastal
120710601011007	060101	1007	$242,000	Total
120710601011008	060101	1008	$1,410,000	Total
120710601011011	060101	1011	$11,000	Total
120710601011012	060101	1012	$179,000	Total
120710601011013	060101	1013	$36,000	Total
120710601012000	060101	2000	$1,189,000	Total
120710601012001	060101	2001	$119,000	Coastal
120710601012002	060101	2002	$649,000	Total
120710601012003	060101	2003	$143,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710601012004	060101	2004	$313,000	Total
120710601012005	060101	2005	$429,000	Total
120710601012006	060101	2006	$55,000	Total
120710601012007	060101	2007	$124,000	Coastal
120710601012008	060101	2008	$1,395,000	Total
120710601012009	060101	2009	$450,000	Total
120710601012010	060101	2010	$543,000	Total
120710601012011	060101	2011	$124,000	Total
120710601012012	060101	2012	$256,000	Coastal
120710601012013	060101	2013	$90,000	Total
120710601012014	060101	2014	$171,000	Total
120710601012015	060101	2015	$158,000	Coastal
120710601021000	060102	1000	$573,000	Total
120710601021001	060102	1001	$5,351,000	Total
120710601021002	060102	1002	$17,000	Total
120710601021003	060102	1003	$323,000	Total
120710601021004	060102	1004	$89,000	Coastal
120710601021006	060102	1006	$11,000	Total
120710601021007	060102	1007	$26,000	Total
120710601021008	060102	1008	$29,000	Total
120710601021011	060102	1011	$9,000	Coastal
120710601022000	060102	2000	$228,000	Total
120710601022001	060102	2001	$480,000	Total
120710601022002	060102	2002	$1,317,000	Total
120710601022003	060102	2003	$139,000	Total
120710601022004	060102	2004	$683,000	Total
120710601022005	060102	2005	$409,000	Total
120710601022006	060102	2006	$591,000	Total
120710601022007	060102	2007	$142,000	Total
120710601022008	060102	2008	$1,846,000	Total
120710601022009	060102	2009	$140,000	Coastal
120710601022010	060102	2010	$59,000	Total
120710601022011	060102	2011	$70,000	Coastal
120710601022012	060102	2012	$658,000	Total
120710601022013	060102	2013	$12,000	Total
120710601022014	060102	2014	$104,000	Total
120710601022016	060102	2016	$31,000	Total
120710601022017	060102	2017	$377,000	Total
120710601023000	060102	3000	$238,000	Total
120710601023001	060102	3001	$245,000	Total
120710601023002	060102	3002	$436,000	Total
120710601023003	060102	3003	$963,000	Total
120710601023006	060102	3006	$306,000	Coastal
120710601023007	060102	3007	$249,000	Coastal
120710601023008	060102	3008	$1,946,000	Total
120710601023009	060102	3009	$67,000	Total
120710601023010	060102	3010	$251,000	Total
120710601023011	060102	3011	$250,000	Total

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710601023012	060102	3012	$250,000	Total
120710601023013	060102	3013	$266,000	Total
120710601023014	060102	3014	$138,000	Total
120710601023015	060102	3015	$176,000	Total
120710601024000	060102	4000	$822,000	Total
120710601024001	060102	4001	$270,000	Total
120710601024002	060102	4002	$473,000	Total
120710601024003	060102	4003	$286,000	Total
120710601024004	060102	4004	$235,000	Total
120710601024005	060102	4005	$36,000	Total
120710601024006	060102	4006	$206,000	Total
120710601024007	060102	4007	$187,000	Total
120710601024008	060102	4008	$159,000	Total
120710601025000	060102	5000	$294,000	Coastal
120710601025001	060102	5001	$13,000	Coastal
120710601025002	060102	5002	$13,000	Coastal
120710601025003	060102	5003	$4,109,000	Coastal
120710601025004	060102	5004	$24,000	Coastal
120710601025005	060102	5005	$359,000	Coastal
120710601025006	060102	5006	$374,000	Coastal
120710601025007	060102	5007	$49,000	Coastal
120710601025008	060102	5008	$136,000	Coastal
120710601025009	060102	5009	$27,000	Coastal
120710601025010	060102	5010	$97,000	Coastal
120710601025011	060102	5011	$125,000	Coastal
120710601025012	060102	5012	$30,000	Coastal
120710601025013	060102	5013	$76,000	Coastal
120710602001000	060200	1000	$97,000	Coastal
120710602001001	060200	1001	$70,000	Coastal
120710602001002	060200	1002	$15,000	Coastal
120710602001003	060200	1003	$28,000	Coastal
120710602001004	060200	1004	$1,859,000	Coastal
120710602001005	060200	1005	$72,000	Coastal
120710602002000	060200	2000	$769,000	Coastal
120710602002001	060200	2001	$1,713,000	Coastal
120710602002002	060200	2002	$950,000	Coastal
120710602002003	060200	2003	$34,000	Coastal
120710602002004	060200	2004	$210,000	Coastal
120710602002005	060200	2005	$125,000	Coastal
120710602002006	060200	2006	$44,000	Coastal
120710602002007	060200	2007	$129,000	Coastal
120710602002008	060200	2008	$244,000	Coastal
120710602002009	060200	2009	$268,000	Coastal
120710602002010	060200	2010	$40,000	Coastal
120710602002011	060200	2011	$107,000	Coastal
120710602002012	060200	2012	$129,000	Coastal
120710602002013	060200	2013	$121,000	Coastal
120710602002014	060200	2014	$274,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710602002015	060200	2015	$56,000	Coastal
120710602002016	060200	2016	$385,000	Total
120710602002017	060200	2017	$1,502,000	Coastal
120710602002018	060200	2018	$182,000	Coastal
120710602002019	060200	2019	$72,000	Total
120710602003000	060200	3000	$1,406,000	Coastal
120710602004003	060200	4003	$2,041,000	Coastal
120710602004004	060200	4004	$1,975,000	Coastal
120710602004005	060200	4005	$1,488,000	Coastal
120710602004006	060200	4006	$305,000	Coastal
120710602004007	060200	4007	$381,000	Coastal
120710602004008	060200	4008	$308,000	Coastal
120710602004009	060200	4009	$247,000	Coastal
120710602004010	060200	4010	$315,000	Coastal
120710602004011	060200	4011	$106,000	Coastal
120710602004012	060200	4012	$51,000	Coastal
120710602004013	060200	4013	$1,000	Coastal
120710602004014	060200	4014	$161,000	Coastal
120710602004015	060200	4015	$181,000	Coastal
120710602004016	060200	4016	$272,000	Coastal
120710602005000	060200	5000	$225,000	Total
120710602005001	060200	5001	$4,867,000	Total
120710602006000	060200	6000	$4,935,000	Total
120710602006001	060200	6001	$1,239,000	Coastal
120710602006002	060200	6002	$276,000	Total
120710602006003	060200	6003	$11,000	Coastal
120710602006004	060200	6004	$616,000	Total
120710602006005	060200	6005	$431,000	Total
120710602006006	060200	6006	$317,000	Total
120710602006007	060200	6007	$9,000	Coastal
120710602006008	060200	6008	$52,000	Coastal
120710602006009	060200	6009	$249,000	Coastal
120710602006010	060200	6010	$52,000	Total
120710603001001	060300	1001	$26,000	Total
120710603001002	060300	1002	$25,000	Total
120710603002000	060300	2000	$2,981,000	Total
120710603003000	060300	3000	$1,540,000	Total
120710603003001	060300	3001	$188,000	Total
120710603004000	060300	4000	$1,204,000	Coastal
120710603005000	060300	5000	$108,000	Total
120710603005001	060300	5001	$389,000	Total
120710603005002	060300	5002	$1,014,000	Total
120710603005003	060300	5003	$189,000	Total
120710603005004	060300	5004	$79,000	Total
120710603005005	060300	5005	$78,000	Coastal
120710603005006	060300	5006	$173,000	Total
120710603005007	060300	5007	$80,000	Total
120710603005008	060300	5008	$1,471,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710603005010	060300	5010	$163,000	Total
120710603005011	060300	5011	$216,000	Total
120710603005012	060300	5012	$69,000	Total
120710603005013	060300	5013	$194,000	Total
120710603006000	060300	6000	$446,000	Total
120710701001000	070100	1000	$7,000	Coastal
120710701001001	070100	1001	$13,000	Coastal
120710701001002	070100	1002	$235,000	Coastal
120710701001003	070100	1003	$16,000	Coastal
120710701001005	070100	1005	$76,000	Coastal
120710701001006	070100	1006	$114,000	Coastal
120710701001007	070100	1007	$209,000	Coastal
120710701001008	070100	1008	$238,000	Coastal
120710701001009	070100	1009	$220,000	Coastal
120710701001010	070100	1010	$210,000	Coastal
120710701001011	070100	1011	$123,000	Coastal
120710701001012	070100	1012	$133,000	Coastal
120710701001013	070100	1013	$46,000	Coastal
120710701001014	070100	1014	$123,000	Coastal
120710701001015	070100	1015	$56,000	Coastal
120710701001016	070100	1016	$129,000	Coastal
120710701001017	070100	1017	$246,000	Coastal
120710701001018	070100	1018	$1,021,000	Coastal
120710701001019	070100	1019	$15,000	Coastal
120710701001021	070100	1021	$362,000	Coastal
120710701001022	070100	1022	$13,000	Coastal
120710701001024	070100	1024	$1,161,000	Coastal
120710701001025	070100	1025	$688,000	Coastal
120710701001026	070100	1026	$329,000	Coastal
120710701001027	070100	1027	$213,000	Coastal
120710701001028	070100	1028	$249,000	Coastal
120710701001029	070100	1029	$242,000	Coastal
120710701001031	070100	1031	$413,000	Coastal
120710701001032	070100	1032	$40,000	Coastal
120710701001034	070100	1034	$152,000	Coastal
120710701001035	070100	1035	$48,000	Coastal
120710701001036	070100	1036	$53,000	Coastal
120710701001037	070100	1037	$24,000	Coastal
120710701001038	070100	1038	$7,000	Coastal
120710701002000	070100	2000	$880,000	Coastal
120710701002002	070100	2002	$123,000	Coastal
120710701002003	070100	2003	$65,000	Coastal
120710701002004	070100	2004	$76,000	Coastal
120710701002005	070100	2005	$122,000	Coastal
120710701002006	070100	2006	$76,000	Coastal
120710701002007	070100	2007	$187,000	Coastal
120710701002008	070100	2008	$91,000	Coastal
120710701002009	070100	2009	$100,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710701002010	070100	2010	$94,000	Coastal
120710701002011	070100	2011	$98,000	Coastal
120710701002012	070100	2012	$98,000	Coastal
120710701002013	070100	2013	$5,000	Coastal
120710701002014	070100	2014	$139,000	Coastal
120710701002015	070100	2015	$677,000	Coastal
120710701002016	070100	2016	$22,000	Coastal
120710701002017	070100	2017	$53,000	Coastal
120710701002018	070100	2018	$21,000	Coastal
120710701002019	070100	2019	$8,000	Coastal
120710701002020	070100	2020	$7,000	Coastal
120710701002021	070100	2021	$49,000	Coastal
120710701002022	070100	2022	$183,000	Coastal
120710701002023	070100	2023	$13,000	Coastal
120710701002025	070100	2025	$30,000	Coastal
120710701002026	070100	2026	$8,000	Coastal
120710701002027	070100	2027	$8,000	Coastal
120710701002028	070100	2028	$52,000	Coastal
120710701002029	070100	2029	$235,000	Coastal
120710701002030	070100	2030	$3,000	Coastal
120710701002032	070100	2032	$15,000	Coastal
120710701002033	070100	2033	$19,000	Coastal
120710701002034	070100	2034	$28,000	Coastal
120710701003000	070100	3000	$192,000	Coastal
120710701003001	070100	3001	$4,000	Coastal
120710701003002	070100	3002	$9,000	Coastal
120710701003003	070100	3003	$6,000	Coastal
120710701003007	070100	3007	$132,000	Coastal
120710701003009	070100	3009	$358,000	Coastal
120710701003011	070100	3011	$17,000	Coastal
120710701003012	070100	3012	$2,000	Coastal
120710701003013	070100	3013	$7,000	Coastal
120710701003015	070100	3015	$61,000	Coastal
120710701003016	070100	3016	$75,000	Coastal
120710701003017	070100	3017	$153,000	Coastal
120710701003018	070100	3018	$217,000	Coastal
120710701003019	070100	3019	$19,000	Coastal
120710701003023	070100	3023	$2,000	Coastal
120710701003025	070100	3025	$251,000	Coastal
120710701003029	070100	3029	$2,000	Coastal
120710701003031	070100	3031	$10,000	Coastal
120710701003032	070100	3032	$8,000	Coastal
120710701003036	070100	3036	$1,000	Coastal
120710701003037	070100	3037	$7,000	Coastal
120710701003040	070100	3040	$6,000	Coastal
120710701003043	070100	3043	$2,000	Coastal
120710701003044	070100	3044	$9,000	Coastal
120710701003045	070100	3045	$98,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710701003047	070100	3047	$40,000	Coastal
120710701003048	070100	3048	$25,000	Coastal
120710701003049	070100	3049	$198,000	Coastal
120710701003050	070100	3050	$6,000	Coastal
120710701003051	070100	3051	$5,000	Coastal
120710701003057	070100	3057	$1,000	Coastal
120710701003058	070100	3058	$4,000	Coastal
120710701003059	070100	3059	$2,000	Coastal
120710701003063	070100	3063	$11,000	Coastal
120710701003064	070100	3064	$10,000	Coastal
120710701003065	070100	3065	$39,000	Coastal
120710701003068	070100	3068	$14,000	Coastal
120710701003069	070100	3069	$28,000	Coastal
120710701003071	070100	3071	$2,000	Coastal
120710701003072	070100	3072	$23,000	Coastal
120710701003073	070100	3073	$24,000	Coastal
120710701003075	070100	3075	$793,000	Coastal
120710701003076	070100	3076	$111,000	Coastal
120710701004000	070100	4000	$1,180,000	Coastal
120710701004002	070100	4002	$82,000	Coastal
120710701004003	070100	4003	$339,000	Coastal
120710701004004	070100	4004	$275,000	Coastal
120710701004005	070100	4005	$110,000	Coastal
120710701004006	070100	4006	$179,000	Coastal
120710701004007	070100	4007	$47,000	Coastal
120710701004008	070100	4008	$20,000	Coastal
120710701004009	070100	4009	$1,512,000	Coastal
120710701004010	070100	4010	$56,000	Coastal
120710701004011	070100	4011	$80,000	Coastal
120710701004012	070100	4012	$88,000	Coastal
120710701004013	070100	4013	$20,000	Coastal
120710701004014	070100	4014	$87,000	Coastal
120710701004015	070100	4015	$60,000	Coastal
120710701004016	070100	4016	$21,000	Coastal
120710701004017	070100	4017	$79,000	Coastal
120710701004018	070100	4018	$87,000	Coastal
120710701004019	070100	4019	$190,000	Coastal
120710701004020	070100	4020	$70,000	Coastal
120710701004023	070100	4023	$619,000	Coastal
120710701004024	070100	4024	$213,000	Coastal
120710701004025	070100	4025	$84,000	Coastal
120710701004026	070100	4026	$106,000	Coastal
120710701004027	070100	4027	$113,000	Coastal
120710701005001	070100	5001	$388,000	Total
120710701005004	070100	5004	$74,000	Coastal
120710701005005	070100	5005	$151,000	Coastal
120710701005006	070100	5006	$68,000	Coastal
120710701005007	070100	5007	$204,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710701005008	070100	5008	$170,000	Coastal
120710701005009	070100	5009	$223,000	Total
120710701005010	070100	5010	$173,000	Total
120710701005011	070100	5011	$129,000	Total
120710701005012	070100	5012	$210,000	Total
120710701005013	070100	5013	$254,000	Total
120710701005014	070100	5014	$14,000	Total
120710701005015	070100	5015	$232,000	Total
120710701005016	070100	5016	$5,000	Total
120710701005017	070100	5017	$301,000	Total
120710701005019	070100	5019	$14,000	Total
120710701005020	070100	5020	$92,000	Total
120710701005021	070100	5021	$57,000	Total
120710701005022	070100	5022	$108,000	Total
120710701005023	070100	5023	$89,000	Total
120710701005024	070100	5024	$100,000	Coastal
120710701005025	070100	5025	$20,000	Coastal
120710701005026	070100	5026	$938,000	Total
120710701005028	070100	5028	$46,000	Total
120710701005029	070100	5029	$609,000	Coastal
120710701005030	070100	5030	$177,000	Coastal
120710701005031	070100	5031	$170,000	Coastal
120710701005033	070100	5033	$70,000	Total
120710701009002	070100	9002	$10,000	Coastal
120710701009005	070100	9005	$80,000	Coastal
120710702001000	070200	1000	$631,000	Coastal
120710702001002	070200	1002	$67,000	Coastal
120710702001003	070200	1003	$245,000	Coastal
120710702001004	070200	1004	$693,000	Coastal
120710702001005	070200	1005	$305,000	Coastal
120710702001009	070200	1009	$72,000	Coastal
120710702001010	070200	1010	$34,000	Coastal
120710702001011	070200	1011	$169,000	Coastal
120710702001012	070200	1012	$91,000	Coastal
120710702001013	070200	1013	$308,000	Coastal
120710702001014	070200	1014	$16,000	Coastal
120710702001015	070200	1015	$50,000	Coastal
120710702001016	070200	1016	$184,000	Coastal
120710702001017	070200	1017	$32,000	Coastal
120710702001018	070200	1018	$49,000	Coastal
120710702001019	070200	1019	$163,000	Coastal
120710702001020	070200	1020	$123,000	Coastal
120710702001021	070200	1021	$109,000	Coastal
120710702001022	070200	1022	$154,000	Coastal
120710702001023	070200	1023	$58,000	Coastal
120710702001024	070200	1024	$121,000	Coastal
120710702001025	070200	1025	$404,000	Coastal
120710702001026	070200	1026	$748,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710702001027	070200	1027	$125,000	Coastal
120710702001030	070200	1030	$38,000	Coastal
120710702001031	070200	1031	$95,000	Coastal
120710702002000	070200	2000	$838,000	Coastal
120710702002001	070200	2001	$7,000	Coastal
120710702002002	070200	2002	$27,000	Coastal
120710702002003	070200	2003	$2,000	Coastal
120710702002004	070200	2004	$6,000	Coastal
120710702002005	070200	2005	$18,000	Coastal
120710702002008	070200	2008	$791,000	Coastal
120710702002009	070200	2009	$713,000	Coastal
120710702002010	070200	2010	$68,000	Coastal
120710702002011	070200	2011	$96,000	Coastal
120710702002012	070200	2012	$103,000	Coastal
120710702002013	070200	2013	$126,000	Coastal
120710702002014	070200	2014	$260,000	Coastal
120710702002015	070200	2015	$43,000	Coastal
120710702002016	070200	2016	$148,000	Coastal
120710702002017	070200	2017	$63,000	Coastal
120710702002018	070200	2018	$60,000	Coastal
120710702002019	070200	2019	$110,000	Coastal
120710702002020	070200	2020	$67,000	Coastal
120710702003000	070200	3000	$3,243,000	Coastal
120710702003002	070200	3002	$83,000	Coastal
120710702003003	070200	3003	$535,000	Coastal
120710702004000	070200	4000	$993,000	Coastal
120710702004001	070200	4001	$279,000	Coastal
120710702004003	070200	4003	$126,000	Coastal
120710702004004	070200	4004	$141,000	Coastal
120710702004005	070200	4005	$124,000	Coastal
120710702004006	070200	4006	$147,000	Coastal
120710702004007	070200	4007	$85,000	Coastal
120710702004008	070200	4008	$81,000	Coastal
120710702004009	070200	4009	$42,000	Coastal
120710702004010	070200	4010	$163,000	Coastal
120710702004011	070200	4011	$141,000	Coastal
120710702004012	070200	4012	$137,000	Coastal
120710702004013	070200	4013	$139,000	Coastal
120710702004014	070200	4014	$293,000	Coastal
120710702004015	070200	4015	$428,000	Coastal
120710702004016	070200	4016	$92,000	Coastal
120710702004017	070200	4017	$156,000	Coastal
120710702004018	070200	4018	$177,000	Coastal
120710702004019	070200	4019	$154,000	Coastal
120710702004020	070200	4020	$141,000	Coastal
120710702004021	070200	4021	$189,000	Coastal
120710702005001	070200	5001	$1,763,000	Coastal
120710702005002	070200	5002	$56,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710702005003	070200	5003	$83,000	Coastal
120710702005004	070200	5004	$2,804,000	Coastal
120710702005005	070200	5005	$332,000	Coastal
120710702005006	070200	5006	$18,000	Coastal
120710702005007	070200	5007	$103,000	Coastal
120710702005009	070200	5009	$189,000	Coastal
120710702005010	070200	5010	$109,000	Coastal
120710702005011	070200	5011	$62,000	Coastal
120710702005012	070200	5012	$61,000	Coastal
120710702005013	070200	5013	$54,000	Coastal
120710702005014	070200	5014	$25,000	Coastal
120710702005015	070200	5015	$52,000	Coastal
120710702005019	070200	5019	$22,000	Coastal
120710702005020	070200	5020	$64,000	Coastal
120710702005021	070200	5021	$1,241,000	Coastal
120710702005022	070200	5022	$48,000	Coastal
120710702005023	070200	5023	$21,000	Coastal
120710702009006	070200	9006	$280,000	Coastal
120710801001001	080100	1001	$217,000	Coastal
120710801001003	080100	1003	$119,000	Coastal
120710801001004	080100	1004	$220,000	Coastal
120710801001005	080100	1005	$56,000	Coastal
120710801001006	080100	1006	$7,000	Coastal
120710801001007	080100	1007	$33,000	Coastal
120710801002000	080100	2000	$1,160,000	Coastal
120710801002001	080100	2001	$72,000	Coastal
120710801002003	080100	2003	$24,000	Coastal
120710801002004	080100	2004	$33,000	Coastal
120710801002005	080100	2005	$56,000	Coastal
120710801002006	080100	2006	$12,000	Coastal
120710801002007	080100	2007	$184,000	Coastal
120710801002008	080100	2008	$12,000	Coastal
120710801002009	080100	2009	$86,000	Coastal
120710801002010	080100	2010	$75,000	Coastal
120710801002011	080100	2011	$1,027,000	Coastal
120710801002012	080100	2012	$147,000	Coastal
120710801002013	080100	2013	$236,000	Coastal
120710801002014	080100	2014	$13,000	Coastal
120710801002015	080100	2015	$12,000	Coastal
120710801002017	080100	2017	$85,000	Coastal
120710801002018	080100	2018	$47,000	Coastal
120710801002019	080100	2019	$22,000	Coastal
120710801002020	080100	2020	$71,000	Coastal
120710801002021	080100	2021	$13,000	Coastal
120710801002022	080100	2022	$71,000	Coastal
120710801002023	080100	2023	$102,000	Coastal
120710801002024	080100	2024	$8,000	Coastal
120710801002025	080100	2025	$118,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710801002026	080100	2026	$87,000	Coastal
120710801002027	080100	2027	$80,000	Coastal
120710801003000	080100	3000	$930,000	Coastal
120710801003002	080100	3002	$101,000	Coastal
120710801003003	080100	3003	$123,000	Coastal
120710801003004	080100	3004	$197,000	Coastal
120710801003005	080100	3005	$619,000	Coastal
120710801003006	080100	3006	$1,506,000	Coastal
120710801003014	080100	3014	$1,351,000	Coastal
120710801004000	080100	4000	$179,000	Coastal
120710801004001	080100	4001	$1,634,000	Coastal
120710801004002	080100	4002	$285,000	Coastal
120710801004004	080100	4004	$500,000	Coastal
120710801004007	080100	4007	$238,000	Coastal
120710801004008	080100	4008	$106,000	Coastal
120710801004009	080100	4009	$54,000	Coastal
120710801004010	080100	4010	$86,000	Coastal
120710801004011	080100	4011	$38,000	Coastal
120710801005001	080100	5001	$198,000	Coastal
120710801005002	080100	5002	$22,000	Coastal
120710801005003	080100	5003	$54,000	Coastal
120710801005004	080100	5004	$577,000	Coastal
120710801005005	080100	5005	$12,000	Coastal
120710801005006	080100	5006	$679,000	Coastal
120710801005007	080100	5007	$4,000	Coastal
120710801005010	080100	5010	$27,000	Coastal
120710801005011	080100	5011	$80,000	Coastal
120710801005012	080100	5012	$50,000	Coastal
120710801005013	080100	5013	$35,000	Coastal
120710801005014	080100	5014	$17,000	Coastal
120710801005015	080100	5015	$27,000	Coastal
120710801005016	080100	5016	$436,000	Coastal
120710802011000	080201	1000	$1,744,000	Coastal
120710802011001	080201	1001	$1,052,000	Coastal
120710802011002	080201	1002	$84,000	Coastal
120710802011003	080201	1003	$210,000	Coastal
120710802011004	080201	1004	$190,000	Coastal
120710802011005	080201	1005	$50,000	Coastal
120710802011006	080201	1006	$100,000	Coastal
120710802011007	080201	1007	$176,000	Coastal
120710802011008	080201	1008	$211,000	Coastal
120710802012000	080201	2000	$485,000	Coastal
120710802012001	080201	2001	$180,000	Coastal
120710802012002	080201	2002	$201,000	Coastal
120710802012003	080201	2003	$191,000	Coastal
120710802012004	080201	2004	$20,000	Coastal
120710802012005	080201	2005	$4,753,000	Coastal
120710802012006	080201	2006	$157,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710802012007	080201	2007	$60,000	Coastal
120710802012008	080201	2008	$358,000	Coastal
120710802012009	080201	2009	$74,000	Coastal
120710802012010	080201	2010	$143,000	Coastal
120710802012011	080201	2011	$10,000	Coastal
120710802012012	080201	2012	$89,000	Coastal
120710802012013	080201	2013	$262,000	Coastal
120710802012014	080201	2014	$48,000	Coastal
120710802012015	080201	2015	$83,000	Coastal
120710802012016	080201	2016	$90,000	Coastal
120710802012017	080201	2017	$10,000	Coastal
120710802012018	080201	2018	$48,000	Coastal
120710802012019	080201	2019	$33,000	Coastal
120710802012020	080201	2020	$225,000	Coastal
120710802012021	080201	2021	$802,000	Coastal
120710802012022	080201	2022	$59,000	Coastal
120710802012023	080201	2023	$137,000	Coastal
120710802012024	080201	2024	$601,000	Coastal
120710802012025	080201	2025	$181,000	Coastal
120710802012026	080201	2026	$519,000	Coastal
120710802012027	080201	2027	$61,000	Coastal
120710802012030	080201	2030	$79,000	Coastal
120710802013000	080201	3000	$277,000	Coastal
120710802013002	080201	3002	$772,000	Coastal
120710802013003	080201	3003	$568,000	Coastal
120710802013004	080201	3004	$34,000	Coastal
120710802013005	080201	3005	$484,000	Coastal
120710802013006	080201	3006	$161,000	Coastal
120710802013007	080201	3007	$7,000	Coastal
120710802013008	080201	3008	$22,000	Coastal
120710802013016	080201	3016	$70,000	Coastal
120710802013025	080201	3025	$303,000	Coastal
120710802013026	080201	3026	$103,000	Coastal
120710802013027	080201	3027	$227,000	Coastal
120710802013028	080201	3028	$133,000	Coastal
120710802013029	080201	3029	$166,000	Coastal
120710802014000	080201	4000	$1,950,000	Coastal
120710802015000	080201	5000	$62,000	Coastal
120710802015001	080201	5001	$1,320,000	Coastal
120710802015002	080201	5002	$103,000	Coastal
120710802015003	080201	5003	$227,000	Coastal
120710802015004	080201	5004	$148,000	Coastal
120710802015005	080201	5005	$65,000	Coastal
120710802015006	080201	5006	$45,000	Coastal
120710802015007	080201	5007	$66,000	Coastal
120710802015008	080201	5008	$573,000	Coastal
120710802015009	080201	5009	$1,286,000	Coastal
120710802015010	080201	5010	$2,408,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710802015011	080201	5011	$79,000	Coastal
120710802015012	080201	5012	$71,000	Coastal
120710802015013	080201	5013	$56,000	Coastal
120710802015014	080201	5014	$16,000	Coastal
120710802015015	080201	5015	$8,000	Coastal
120710802016000	080201	6000	$3,254,000	Coastal
120710802016001	080201	6001	$97,000	Coastal
120710802016002	080201	6002	$295,000	Coastal
120710802016003	080201	6003	$100,000	Coastal
120710802016004	080201	6004	$200,000	Coastal
120710802016005	080201	6005	$107,000	Coastal
120710802016006	080201	6006	$124,000	Coastal
120710802016007	080201	6007	$281,000	Coastal
120710802016008	080201	6008	$217,000	Coastal
120710802016009	080201	6009	$366,000	Coastal
120710802016010	080201	6010	$44,000	Coastal
120710802016011	080201	6011	$733,000	Coastal
120710802016012	080201	6012	$1,520,000	Coastal
120710802016014	080201	6014	$51,000	Coastal
120710802016015	080201	6015	$677,000	Coastal
120710802016018	080201	6018	$149,000	Coastal
120710802016019	080201	6019	$30,000	Coastal
120710802016021	080201	6021	$263,000	Coastal
120710802016022	080201	6022	$83,000	Coastal
120710802016024	080201	6024	$61,000	Coastal
120710802016025	080201	6025	$124,000	Coastal
120710802016026	080201	6026	$89,000	Coastal
120710802016027	080201	6027	$276,000	Coastal
120710802016031	080201	6031	$186,000	Coastal
120710802021000	080202	1000	$674,000	Coastal
120710802021001	080202	1001	$160,000	Coastal
120710802021002	080202	1002	$125,000	Coastal
120710802021003	080202	1003	$161,000	Coastal
120710802021004	080202	1004	$9,000	Coastal
120710802021005	080202	1005	$2,426,000	Coastal
120710802021006	080202	1006	$112,000	Coastal
120710802021007	080202	1007	$26,000	Coastal
120710802021008	080202	1008	$9,000	Coastal
120710802021009	080202	1009	$19,000	Coastal
120710802021010	080202	1010	$22,000	Coastal
120710802021011	080202	1011	$13,000	Coastal
120710802022000	080202	2000	$1,031,000	Coastal
120710802022001	080202	2001	$3,585,000	Coastal
120710802022002	080202	2002	$27,000	Coastal
120710802022003	080202	2003	$257,000	Coastal
120710802022004	080202	2004	$1,584,000	Coastal
120710802022007	080202	2007	$232,000	Coastal
120710802023000	080202	3000	$2,602,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710802023001	080202	3001	$413,000	Coastal
120710802024001	080202	4001	$238,000	Coastal
120710802024002	080202	4002	$1,177,000	Coastal
120710802024003	080202	4003	$923,000	Coastal
120710802024004	080202	4004	$211,000	Coastal
120710802024005	080202	4005	$95,000	Coastal
120710802024006	080202	4006	$35,000	Coastal
120710802024007	080202	4007	$1,367,000	Coastal
120710802024008	080202	4008	$85,000	Coastal
120710802024009	080202	4009	$1,360,000	Coastal
120710802025000	080202	5000	$221,000	Coastal
120710802025001	080202	5001	$22,000	Coastal
120710802025002	080202	5002	$88,000	Coastal
120710802025003	080202	5003	$18,000	Coastal
120710802025004	080202	5004	$9,000	Coastal
120710802025005	080202	5005	$86,000	Coastal
120710802025006	080202	5006	$126,000	Coastal
120710802025007	080202	5007	$204,000	Coastal
120710802025008	080202	5008	$237,000	Coastal
120710802025009	080202	5009	$230,000	Coastal
120710802025010	080202	5010	$84,000	Coastal
120710802025011	080202	5011	$541,000	Coastal
120710802025013	080202	5013	$115,000	Coastal
120710802025015	080202	5015	$257,000	Coastal
120710802025016	080202	5016	$182,000	Coastal
120710802025017	080202	5017	$114,000	Coastal
120710802025018	080202	5018	$116,000	Coastal
120710802025019	080202	5019	$113,000	Coastal
120710802025020	080202	5020	$114,000	Coastal
120710802025021	080202	5021	$132,000	Coastal
120710802025022	080202	5022	$713,000	Coastal
120710802025023	080202	5023	$184,000	Coastal
120710802025024	080202	5024	$20,000	Coastal
120710802025025	080202	5025	$22,000	Coastal
120710802025026	080202	5026	$74,000	Coastal
120710802026000	080202	6000	$286,000	Coastal
120710802026001	080202	6001	$178,000	Coastal
120710802026002	080202	6002	$26,000	Coastal
120710802026004	080202	6004	$55,000	Coastal
120710802026005	080202	6005	$68,000	Coastal
120710802026006	080202	6006	$40,000	Coastal
120710802026007	080202	6007	$37,000	Coastal
120710802027000	080202	7000	$195,000	Coastal
120710802027001	080202	7001	$275,000	Coastal
120710802027002	080202	7002	$153,000	Coastal
120710802027003	080202	7003	$34,000	Coastal
120710802027005	080202	7005	$919,000	Coastal
120710802027006	080202	7006	$19,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710802027007	080202	7007	$171,000	Coastal
120710802027008	080202	7008	$83,000	Coastal
120710802027009	080202	7009	$1,763,000	Coastal
120710802027010	080202	7010	$461,000	Coastal
120710901001003	090100	1003	$71,000	Coastal
120710901001004	090100	1004	$65,000	Coastal
120710901001005	090100	1005	$492,000	Coastal
120710901001006	090100	1006	$42,000	Coastal
120710901001007	090100	1007	$13,000	Coastal
120710901001008	090100	1008	$556,000	Coastal
120710901001009	090100	1009	$44,000	Coastal
120710901001010	090100	1010	$70,000	Coastal
120710901001012	090100	1012	$173,000	Coastal
120710901001013	090100	1013	$8,000	Coastal
120710901001014	090100	1014	$21,000	Coastal
120710901001015	090100	1015	$13,000	Coastal
120710901001016	090100	1016	$21,000	Coastal
120710901001017	090100	1017	$21,000	Coastal
120710901001019	090100	1019	$8,000	Coastal
120710901001020	090100	1020	$13,000	Coastal
120710901001021	090100	1021	$8,000	Coastal
120710901001022	090100	1022	$21,000	Coastal
120710901001023	090100	1023	$22,000	Coastal
120710901001024	090100	1024	$81,000	Coastal
120710901001025	090100	1025	$7,000	Coastal
120710901001026	090100	1026	$119,000	Coastal
120710901001028	090100	1028	$10,000	Coastal
120710901001029	090100	1029	$8,000	Coastal
120710901001030	090100	1030	$20,000	Coastal
120710901001031	090100	1031	$36,000	Coastal
120710901001032	090100	1032	$31,000	Coastal
120710901001033	090100	1033	$27,000	Coastal
120710901001034	090100	1034	$15,000	Coastal
120710901002000	090100	2000	$46,000	Coastal
120710901002001	090100	2001	$26,000	Coastal
120710901002002	090100	2002	$33,000	Coastal
120710901002003	090100	2003	$26,000	Coastal
120710901002004	090100	2004	$1,069,000	Coastal
120710901003000	090100	3000	$399,000	Coastal
120710901003001	090100	3001	$191,000	Coastal
120710901003002	090100	3002	$446,000	Coastal
120710901003003	090100	3003	$30,000	Coastal
120710901003005	090100	3005	$373,000	Coastal
120710901003006	090100	3006	$67,000	Coastal
120710901003015	090100	3015	$31,000	Coastal
120710901003017	090100	3017	$41,000	Coastal
120710901003018	090100	3018	$101,000	Coastal
120710901003019	090100	3019	$28,000	Coastal

Census Block	Tract	Block	Total Loss Value	Hazard Type
120710901003020	090100	3020	$831,000	Coastal
120710901003021	090100	3021	$45,000	Coastal
120710901003025	090100	3025	$22,000	Coastal
120710901003026	090100	3026	$61,000	Coastal
120710901003027	090100	3027	$74,000	Coastal
120710901003028	090100	3028	$172,000	Coastal
120710901003031	090100	3031	$409,000	Coastal
120710901003032	090100	3032	$206,000	Coastal
120710901003033	090100	3033	$300,000	Coastal
120710901003034	090100	3034	$72,000	Coastal
120710901003035	090100	3035	$261,000	Coastal
120710901003036	090100	3036	$190,000	Coastal
120710901003037	090100	3037	$99,000	Coastal
120710901003038	090100	3038	$92,000	Coastal
120710901003039	090100	3039	$173,000	Coastal
120710901003040	090100	3040	$358,000	Coastal
120710901003041	090100	3041	$83,000	Coastal
120710901003043	090100	3043	$25,000	Coastal
120710901003044	090100	3044	$32,000	Coastal
120710901003045	090100	3045	$28,000	Coastal
120710901003046	090100	3046	$28,000	Coastal
120710901003047	090100	3047	$28,000	Coastal
120710901003048	090100	3048	$14,000	Coastal
120710901003049	090100	3049	$201,000	Coastal
120710901003050	090100	3050	$127,000	Coastal
120710901003051	090100	3051	$27,000	Coastal
120710901004000	090100	4000	$44,000	Coastal
120710901004001	090100	4001	$71,000	Coastal
120710901004002	090100	4002	$144,000	Coastal
120710901004003	090100	4003	$368,000	Coastal
120710901004004	090100	4004	$174,000	Coastal
120710901004005	090100	4005	$345,000	Coastal
120710901004006	090100	4006	$63,000	Coastal
120710901004007	090100	4007	$116,000	Coastal
120710901004008	090100	4008	$114,000	Coastal
120710901004010	090100	4010	$53,000	Coastal
120710901004011	090100	4011	$63,000	Coastal
120710901004015	090100	4015	$197,000	Coastal
120710901004016	090100	4016	$25,000	Coastal
120710901004018	090100	4018	$557,000	Coastal
120710901004022	090100	4022	$48,000	Coastal
120710901004023	090100	4023	$371,000	Coastal
120710901004024	090100	4024	$22,000	Coastal
120710901004025	090100	4025	$89,000	Coastal
120710901004026	090100	4026	$25,000	Coastal
120710901004027	090100	4027	$50,000	Coastal
120710901004028	090100	4028	$51,000	Coastal
120710901004030	090100	4030	$51,000	Coastal

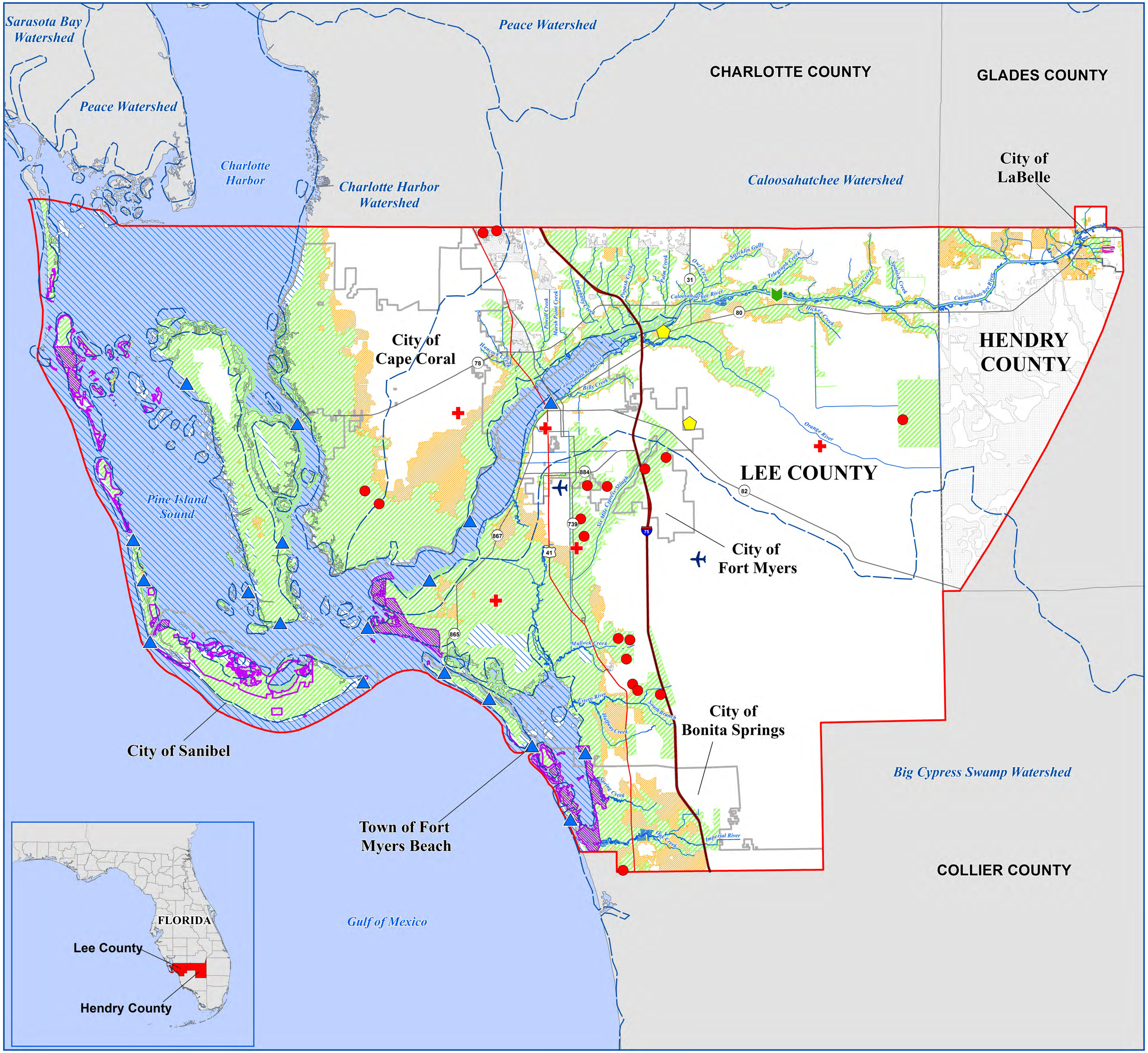
Census Block	Tract	Block	Total Loss Value	Hazard Type
120710901004031	090100	4031	$559,000	Coastal
120710901004035	090100	4035	$69,000	Coastal
120710901004036	090100	4036	$72,000	Coastal
120710901004038	090100	4038	$117,000	Coastal
120710901004039	090100	4039	$166,000	Coastal

Hendry County Hazus Average Annualized Loss by Census Blocks

Census Block	Tract	Block	Total Loss Value	Hazard Type
120510003002147	000300	2147	$14,000	Riverine
120510003003055	000300	3055	$81,000	Riverine
120510003003111	000300	3111	$15,000	Riverine
120510003003112	000300	3112	$2,000	Riverine
120510003004010	000300	4010	$31,000	Riverine
120510003004031	000300	4031	$1,000	Riverine
120510004001031	000400	1031	$36,000	Riverine
120510004002006	000400	2006	$1,000	Riverine
120510004003001	000400	3001	$27,000	Riverine
120510004003005	000400	3005	$3,000	Riverine
120510004003006	000400	3006	$6,000	Riverine
120510004003007	000400	3007	$9,000	Riverine
120510004003008	000400	3008	$15,000	Riverine
120510004003009	000400	3009	$358,000	Riverine
120510004003017	000400	3017	$45,000	Riverine
120510004003018	000400	3018	$17,000	Riverine
120510004003019	000400	3019	$11,000	Riverine
120510004003020	000400	3020	$45,000	Riverine
120510004003021	000400	3021	$2,000	Riverine
120510004003022	000400	3022	$6,000	Riverine
120510004003023	000400	3023	$2,000	Riverine
120510004003024	000400	3024	$20,000	Riverine
120510004003034	000400	3034	$15,000	Riverine
120510004003035	000400	3035	$68,000	Riverine
120510004003036	000400	3036	$44,000	Riverine
120510004003037	000400	3037	$7,000	Riverine
120510004003038	000400	3038	$3,000	Riverine
120510004004000	000400	4000	$40,000	Riverine
120510004004001	000400	4001	$143,000	Riverine
120510004004003	000400	4003	$132,000	Riverine
120510004004005	000400	4005	$50,000	Riverine
120510004004006	000400	4006	$12,000	Riverine
120510004004008	000400	4008	$78,000	Riverine
120510004004009	000400	4009	$16,000	Riverine
120510004004010	000400	4010	$226,000	Riverine
120510004004011	000400	4011	$226,000	Riverine
120510004004013	000400	4013	$9,000	Riverine
120510004004014	000400	4014	$33,000	Riverine
120510004004015	000400	4015	$148,000	Riverine
120510004004016	000400	4016	$3,000	Riverine
120510004004017	000400	4017	$18,000	Riverine
120510004004018	000400	4018	$8,000	Riverine
120510004004019	000400	4019	$90,000	Riverine
120510004004020	000400	4020	$45,000	Riverine
120510004004021	000400	4021	$41,000	Riverine
120510004004023	000400	4023	$62,000	Riverine
120510004004025	000400	4025	$5,000	Riverine
120510004004026	000400	4026	$1,000	Riverine

Census Block	Tract	Block	Total Loss Value	Hazard Type
120510004004027	000400	4027	$3,000	Riverine
120510004004029	000400	4029	$12,000	Riverine
120510004004031	000400	4031	$18,000	Riverine
120510004004033	000400	4033	$23,000	Riverine
120510004004034	000400	4034	$1,000	Riverine
120510004004035	000400	4035	$4,000	Riverine
120510004004036	000400	4036	$15,000	Riverine
120510004004037	000400	4037	$26,000	Riverine
120510004004038	000400	4038	$7,000	Riverine
120510004004039	000400	4039	$25,000	Riverine
120510004004042	000400	4042	$4,000	Riverine
120510004004043	000400	4043	$8,000	Riverine
120510004004046	000400	4046	$6,000	Riverine
120510004004049	000400	4049	$1,000	Riverine
120510004004050	000400	4050	$1,000	Riverine
120510004004052	000400	4052	$10,000	Riverine
120510004004053	000400	4053	$34,000	Riverine
120510004004054	000400	4054	$21,000	Riverine
120510004004055	000400	4055	$5,000	Riverine
120510004004059	000400	4059	$92,000	Riverine
120510004004060	000400	4060	$175,000	Riverine
120510004004061	000400	4061	$150,000	Riverine
120510004004062	000400	4062	$138,000	Riverine
120510004004063	000400	4063	$174,000	Riverine
120510004004065	000400	4065	$47,000	Riverine
120510004004067	000400	4067	$78,000	Riverine
120510004004068	000400	4068	$24,000	Riverine
120510004004070	000400	4070	$28,000	Riverine
120510004004072	000400	4072	$58,000	Riverine
120510004004073	000400	4073	$26,000	Riverine
120510004004074	000400	4074	$24,000	Riverine
120510004004075	000400	4075	$49,000	Riverine
120510004004077	000400	4077	$65,000	Riverine
120510004005000	000400	5000	$5,000	Riverine
120510004005010	000400	5010	$236,000	Riverine
120510004005011	000400	5011	$2,000	Riverine
120510004005012	000400	5012	$167,000	Riverine
120510004005025	000400	5025	$10,000	Riverine
120510004005026	000400	5026	$49,000	Riverine
120510004005027	000400	5027	$17,000	Riverine
120510004005028	000400	5028	$32,000	Riverine
120510004005029	000400	5029	$18,000	Riverine
120510004005030	000400	5030	$40,000	Riverine
120510004005031	000400	5031	$72,000	Riverine
120510004005032	000400	5032	$18,000	Riverine
120510004005033	000400	5033	$25,000	Riverine
120510004005034	000400	5034	$14,000	Riverine
120510004005035	000400	5035	$6,000	Riverine

Census Block	Tract	Block	Total Loss Value	Hazard Type
120510004005044	000400	5044	$3,000	Riverine
120510004005049	000400	5049	$309,000	Riverine
120510004005050	000400	5050	$92,000	Riverine
120510004006001	000400	6001	$3,000	Riverine
120510004006002	000400	6002	$2,000	Riverine
120510004006003	000400	6003	$448,000	Riverine
120510004006005	000400	6005	$12,000	Riverine
120510004006006	000400	6006	$4,000	Riverine
120510004006007	000400	6007	$32,000	Riverine
120510004006008	000400	6008	$19,000	Riverine
120510004006009	000400	6009	$2,000	Riverine
120510004006010	000400	6010	$93,000	Riverine
120510004006011	000400	6011	$11,000	Riverine
120510004006014	000400	6014	$100,000	Riverine
120510004006017	000400	6017	$162,000	Riverine
120510004006019	000400	6019	$1,000	Riverine
120510004006020	000400	6020	$13,000	Riverine
120510004006021	000400	6021	$24,000	Riverine
120510004006028	000400	6028	$40,000	Riverine
120510004006029	000400	6029	$5,000	Riverine
120510004006030	000400	6030	$12,000	Riverine
120510004006031	000400	6031	$12,000	Riverine
120510004006032	000400	6032	$11,000	Riverine
120510004006033	000400	6033	$8,000	Riverine
120510004006034	000400	6034	$12,000	Riverine
120510004006036	000400	6036	$57,000	Riverine
120510004006037	000400	6037	$13,000	Riverine
120510004007000	000400	7000	$24,000	Riverine
120510004007001	000400	7001	$266,000	Riverine
120510004007002	000400	7002	$17,000	Riverine
120510004007004	000400	7004	$6,000	Riverine
120510004007006	000400	7006	$26,000	Riverine
120510004007007	000400	7007	$74,000	Riverine
120510004007008	000400	7008	$4,000	Riverine
120510004007009	000400	7009	$27,000	Riverine
120510004007010	000400	7010	$168,000	Riverine
120510004007011	000400	7011	$12,000	Riverine
120510004007012	000400	7012	$31,000	Riverine
120510004007013	000400	7013	$193,000	Riverine
120510004007014	000400	7014	$79,000	Riverine
120510004007016	000400	7016	$44,000	Riverine
120510004007017	000400	7017	$44,000	Riverine
120510004007020	000400	7020	$23,000	Riverine
120510004007021	000400	7021	$135,000	Riverine
120510004007022	000400	7022	$373,000	Riverine
120510004007023	000400	7023	$15,000	Riverine
120510004007024	000400	7024	$12,000	Riverine



Sarasota Bay Watershed
Peace Watershed
Peace Watershed
Charlotte Harbor
Charlotte Harbor Watershed
CHARLOTTE COUNTY
GLADES COUNTY
Caloosahatchee Watershed
City of LaBelle
City of Cape Coral
HENDRY COUNTY
LEE COUNTY
Pine Island Sound
City of Fort Myers
City of Bonita Springs
City of Sanibel
Town of Fort Myers Beach
Big Cypress Swamp Watershed
COLLIER COUNTY
Gulf of Mexico
FLORIDA
Lee County
Hendry County

DISCOVERY MAP
Lee & Hendry Counties, Florida

Study Area Map

- Hospital
- Major Airport
- Dam
- Tidal Gage
- LOMC (Letter of Map Change) Cluster (4+)
- Power Plant
- CBRS Unit (Coastal Barrier Resources System)
- Otherwise Protected Area[1] (Coastal Barrier Resources System)
- Study Area
- County Boundary
- Community Boundary
- HUC-8 Boundary
- Major River or Stream
- Shoreline
- Interstate
- US Highway
- State Highway

[1] OPAs are generally composed of lands held by a qualified organization used primarily for wildlife refuge, sanctuary, recreational, or natural resource conservation purposes.

Flood Hazard Zone *

- A
- AE
- VE
- AO
- 0.2 Pct. Annual Chance Flood Hazard

* Flood risk information based on Lee County Effective FIRMs (8/28/2008), and Hendry County Preliminary FIRMs (5/31/2013)

N

0 1.25 2.5 5 7.5 10 Miles

FEMA

DISCOVERY MAP
Lee & Hendry Counties, Florida

Coastal Elements & Mitigation Projects (East)

CHARLOTTE COUNTY

GLADES COUNTY

HENDRY COUNTY

LEE COUNTY

COLLIER COUNTY

City of Cape Coral

City of Fort Myers

City of LaBelle

City of Sanibel

Town of Fort Myers Beach

City of Bonita Springs

Gulf of Mexico

- # Number of Nearby HMA Projects (Hazard Mitigation Assistance) *Locations Approximated*
- Dam
- Tidal Gage
- 34 Proposed Transect
- Critical Erosion Area
- County Boundary
- Corporate Boundary
- Study Area
- Major Road
- Preliminary or Effective FIRM Panel*

*FIRM Panel information based on Lee County Effective FIRMs (8/28/2008), and Hendry County Preliminary FIRMs (5/31/2013).

N

0 1 2 4 6 8 Miles

FEMA

DISCOVERY MAP
Lee & Hendry Counties, Florida

Coastal Elements & Mitigation Projects (West)

CHARLOTTE COUNTY

Charlotte Harbor

Pine Island Sound

City of Cape Coral

LEE COUNTY

City of Fort Myers

City of Sanibel

Town of Fort Myers Beach

City of Bonita Springs

COLLIER COUNTY

Gulf of Mexico

- Number of Nearby HMA Projects (Hazard Mitigation Assistance) *Locations Approximated*
- Dam
- Tidal Gage
- 34 Proposed Transect
- Critical Erosion Area
- County Boundary
- Corporate Boundary
- Study Area
- Major Road
- Preliminary or Effective FIRM Panel*

*FIRM Panel information based on Lee County Effective FIRMs (8/28/2008), and Hendry County Preliminary FIRMs (5/31/2013).

N

0 1 2 4 6 8 Miles

FEMA

DISCOVERY MAP
Lee & Hendry Counties, Florida

RL \ SRL
Repetitive Loss
(Displayed in Census Blocks)

CHARLOTTE COUNTY

GLADES COUNTY

HENDRY COUNTY

LEE COUNTY

COLLIER COUNTY

Charlotte Harbor

Pine Island Sound

Gulf of Mexico

City of LaBelle

City of Cape Coral

City of Fort Myers

City of Bonita Springs

City of Sanibel

Town of Fort Myers Beach

Caloosahatchee River

Orange River

Powell Creek

Marsh Point Creek

Daughtrey Creek

Popash Creek

Palm Creek

Otter Creek

Shecklin Gully

Telegraph Creek

Cypress Creek

Spanish Creek

Hicker Creek

Hancock Creek

Billy Creek

Six Mile Cypress Slough

Wallock Creek

Estero River

Halfway Creek

South Branch

Spring Creek

Old Creek

Imperial River

31 80 78 884 82 739 867 41 75 865

Repetitive Loss Counts*
(Displayed in Census Blocks)

- 1 - 2
- 3 - 5
- 6 - 12
- 13 - 20
- 21 - 44

- Major River or Stream
- Shoreline
- County Boundary
- Community Boundary
- Surrounding County
- Interstate
- US Highway
- State Highway
- Study Area

*The number of repetitive loss properties (RL) or severe repetitive loss properties (SRL) are displayed within the Census Blocks. The RL/SRL data was provided by FEMA on January 9, 2014. The locations shown represent the area and not any single property.

N

0 1.25 2.5 5 7.5 10 Miles

FEMA

Lee County RL/SRL Repetitive Loss by Census Blocks

Census Block	Block	Tract	RL/SRL Count	Center Latitude	Center Longitude
120710002002002	2002	000200	1	-81.85882700	26.65047600
120710002002006	2006	000200	3	-245.57504200	79.94544600
120710003014004	4004	000301	1	-81.82015400	26.68057300
120710003014005	4005	000301	4	-327.28656000	106.72316800
120710003014006	4006	000301	3	-245.46943500	80.04018000
120710003014010	4010	000301	2	-163.64774400	53.35863900
120710003014011	4011	000301	1	-81.82613700	26.67782100
120710003023011	3011	000302	1	-81.81842200	26.66580000
120710004011001	1001	000401	3	-245.42657700	80.06246500
120710004012000	2000	000401	3	-245.40337200	80.08096600
120710004012013	2013	000401	1	-81.80793000	26.68778100
120710004021000	1000	000402	1	-81.77920300	26.68704600
120710004021005	1005	000402	1	-81.79290500	26.68748500
120710005021016	1016	000502	1	-81.85840500	26.64103000
120710005032007	2007	000503	1	-81.83861500	26.65383400
120710005033007	3007	000503	1	-81.82593300	26.65859400
120710007001005	1005	000700	1	-81.87151200	26.63617800
120710008001011	1011	000800	1	-81.88275700	26.63014600
120710009003007	3007	000900	1	-81.89723400	26.59096600
120710014002000	2000	001400	1	-81.89166400	26.59057700
120710017012012	2012	001701	1	-81.90147600	26.54916700
120710018011000	1000	001801	1	-81.89971200	26.57675200
120710018011004	1004	001801	1	-81.90564200	26.56977900
120710018012014	2014	001801	1	-81.89933200	26.55666800
120710018014000	4000	001801	1	-81.91192200	26.56568100
120710018014002	4002	001801	1	-81.91998200	26.56070000
120710019031000	1000	001903	1	-81.93068200	26.54029700
120710019042005	2005	001904	1	-81.96806100	26.51793000
120710019042007	2007	001904	1	-81.97213100	26.51573800
120710019043005	3005	001904	1	-82.00972000	26.48604000
120710019051034	1034	001905	1	-81.96804200	26.49436800
120710019051035	1035	001905	1	-81.96822100	26.49431300
120710019052001	2001	001905	1	-81.95130200	26.50882800
120710019071003	1003	001907	1	-81.88578800	26.51362600
120710019081027	1027	001908	1	-81.95099100	26.46878100
120710019091000	1000	001909	4	-327.85044400	105.97538400
120710019091086	1086	001909	1	-81.99858700	26.48532300
120710101016013	6013	010101	1	-82.06593300	26.63469000
120710103041037	1037	010304	1	-81.93938300	26.63628800
120710104051007	1007	010405	1	-81.97159100	26.62579200
120710104072022	2022	010407	1	-81.99809200	26.56176800
120710105021003	1003	010502	1	-81.96641100	26.58366100
120710202002011	2011	020200	1	-81.85638200	26.72656800
120710202003004	3004	020200	2	-163.70478400	53.51876000
120710202003007	3007	020200	1	-81.81396200	26.75012100
120710202003013	3013	020200	1	-81.79908100	26.75533700
120710204003004	3004	020400	1	-81.80438100	26.71091100
120710204003021	3021	020400	1	-81.83925500	26.69435800

Census Block	Block	Tract	RL/SRL Count	Center Latitude	Center Longitude
120710204003025	3025	020400	1	-81.84220100	26.69170400
120710205021014	1014	020502	3	-245.62878500	80.00208300
120710205022012	2012	020502	1	-81.87597600	26.67090400
120710205022014	2014	020502	1	-81.87851100	26.67410300
120710206001001	1001	020600	1	-81.89732900	26.67033900
120710206001012	1012	020600	2	-163.79031900	53.33339000
120710206003003	3003	020600	1	-81.88434000	26.67520200
120710206004000	4000	020600	1	-81.88583200	26.67460800
120710206005006	5006	020600	1	-81.88075400	26.66328800
120710207002003	2003	020700	1	-81.90084200	26.66481100
120710207002024	2024	020700	1	-81.89817200	26.65070800
120710208002001	2001	020800	1	-81.91009000	26.69293000
120710208008006	8006	020800	1	-81.89585100	26.68497800
120710301002001	2001	030100	1	-81.77765100	26.73671300
120710302003004	3004	030200	1	-81.72571100	26.71986200
120710302003006	3006	030200	2	-163.46869200	53.44009300
120710302007000	7000	030200	1	-81.67814100	26.70436300
120710401012026	2026	040101	1	-81.76237200	26.66671300
120710401021018	1018	040102	2	-163.45812700	53.33159000
120710402011003	1003	040201	3	-245.18673200	80.01051300
120710402041000	1000	040204	1	-81.58249000	26.69812300
120710501011001	1001	050101	2	-163.75453000	53.03986000
120710501014026	4026	050101	2	-163.70446900	52.95444700
120710501021010	1010	050102	1	-81.82776200	26.44302900
120710502012025	2025	050201	1	-81.83135500	26.48269100
120710502012035	2035	050201	1	-81.82819600	26.47737500
120710503041085	1085	050304	1	-81.83431200	26.38146300
120710503092007	2007	050309	1	-81.74955000	26.33656100
120710504005013	5013	050400	1	-81.77554100	26.34376300
120710505001010	1010	050500	1	-81.77782100	26.34117000
120710505001069	1069	050500	1	-81.76717100	26.33228100
120710505002001	2001	050500	4	-327.02873000	105.35258900
120710505002024	2024	050500	1	-81.75248800	26.33723200
120710505003001	3001	050500	7	-572.31140300	184.33441600
120710505003016	3016	050500	1	-81.76012100	26.33416300
120710505003017	3017	050500	5	-408.80538700	131.66644500
120710505003019	3019	050500	1	-81.76354500	26.33199400
120710505003020	3020	050500	2	-163.52103400	52.66516300
120710505003021	3021	050500	2	-163.52121400	52.66400600
120710506001000	1000	050600	1	-81.82529100	26.33686000
120710506001001	1001	050600	1	-81.82977100	26.33625300
120710506001005	1005	050600	1	-81.82719200	26.33439100
120710506002011	2011	050600	1	-81.81412900	26.33070800
120710506002012	2012	050600	1	-81.81746100	26.33274300
120710506003019	3019	050600	1	-81.79195100	26.33370100
120710506004006	4006	050600	1	-81.78374100	26.33900300
120710506004015	4015	050600	2	-163.57552200	52.67321800
120710506004027	4027	050600	1	-81.78528100	26.33375300

Census Block	Block	Tract	RL/SRL Count	Center Latitude	Center Longitude
120710601011000	1000	060101	1	-81.95472300	26.46697200
120710601011001	1001	060101	6	-491.73114500	158.79751200
120710601011003	1003	060101	7	-573.68220300	185.24246300
120710601011006	1006	060101	3	-245.85724800	79.39419400
120710601011007	1007	060101	2	-163.90749200	52.92204200
120710601012000	2000	060101	12	-983.29503400	317.50830200
120710601012002	2002	060101	3	-245.84585600	79.38938000
120710601012003	2003	060101	1	-81.95158200	26.46493200
120710601012004	2004	060101	6	-491.71291800	158.76918600
120710601012005	2005	060101	1	-81.95309600	26.45888600
120710601012008	2008	060101	6	-491.68804000	158.77727900
120710601012009	2009	060101	8	-655.57746200	211.69867200
120710601012010	2010	060101	17	-1393.08431100	449.83138800
120710601012011	2011	060101	2	-163.89253300	52.92266400
120710601012014	2014	060101	8	-655.52766400	211.67267200
120710601012015	2015	060101	1	-81.94036300	26.45850100
120710601021000	1000	060102	2	-163.91188000	52.91140200
120710601021001	1001	060102	44	-3606.22435900	1164.10728700
120710601021002	1002	060102	1	-81.96160100	26.45782100
120710601021003	1003	060102	1	-81.95704700	26.45650500
120710601021004	1004	060102	3	-245.87214400	79.36474400
120710601021007	1007	060102	1	-81.95452300	26.45563500
120710601022001	2001	060102	3	-245.82662000	79.35216700
120710601022004	2004	060102	4	-327.77802400	105.80821300
120710601022005	2005	060102	5	-409.72623700	132.26257900
120710601022006	2006	060102	17	-1393.08354800	449.69090100
120710601022007	2007	060102	5	-409.73504700	132.26316900
120710601022008	2008	060102	19	-1557.06659900	502.61412500
120710601022009	2009	060102	4	-327.80419700	105.81577800
120710601022011	2011	060102	1	-81.94714000	26.45090400
120710601022012	2012	060102	10	-819.53157900	264.54560700
120710601022014	2014	060102	1	-81.95410200	26.45545400
120710601022015	2015	060102	1	-81.95446900	26.45497500
120710601022017	2017	060102	2	-163.90916600	52.90741200
120710601023000	3000	060102	1	-81.92814900	26.44500300
120710601023003	3003	060102	8	-655.49717600	211.56726400
120710601023008	3008	060102	1	-81.93973700	26.44818500
120710601023009	3009	060102	1	-81.93546100	26.44506500
120710601023010	3010	060102	2	-163.86771600	52.89092700
120710601023011	3011	060102	1	-81.93385000	26.44454600
120710601023013	3013	060102	3	-245.79419000	79.33245900
120710601023014	3014	060102	1	-81.93206800	26.44323500
120710601023015	3015	060102	1	-81.92996000	26.44350200
120710601024000	4000	060102	4	-327.71210200	105.77602500
120710601024001	4001	060102	2	-163.85619800	52.88520800
120710601024002	4002	060102	1	-81.92578000	26.44278200
120710601024004	4004	060102	8	-655.39650000	211.52249900
120710601024005	4005	060102	1	-81.92531000	26.44043300

Census Block	Block	Tract	RL/SRL Count	Center Latitude	Center Longitude
120710601024006	4006	060102	3	-245.77114300	79.32065300
120710601024007	4007	060102	4	-327.69070900	105.76209000
120710601024008	4008	060102	5	-409.61150700	132.19719600
120710601025000	5000	060102	5	-409.61917400	132.19215600
120710601025002	5002	060102	1	-81.92601500	26.43973600
120710601025003	5003	060102	17	-1392.84344300	449.53101400
120710601025007	5007	060102	1	-81.94783100	26.45043500
120710601025008	5008	060102	1	-81.95003200	26.45070100
120710601025010	5010	060102	1	-81.95148000	26.45163400
120710601025011	5011	060102	2	-163.91011000	52.90549900
120710602001001	1001	060200	2	-163.81482000	52.84909200
120710602001002	1002	060200	2	-163.81791300	52.85226800
120710602001003	1003	060200	2	-163.81986400	52.85412000
120710602001004	1004	060200	14	-1146.84353800	370.07080200
120710602002000	2000	060200	3	-245.71493000	79.27852400
120710602002001	2001	060200	13	-1064.82430400	343.60708900
120710602002004	2004	060200	3	-245.73690600	79.29743700
120710602002005	2005	060200	3	-245.73887800	79.29714900
120710602002006	2006	060200	2	-163.82731400	52.86460000
120710602002007	2007	060200	6	-491.49252800	158.59496200
120710602002008	2008	060200	7	-573.39429300	185.01824200
120710602002009	2009	060200	4	-327.65159800	105.72740000
120710602002010	2010	060200	2	-163.82526200	52.85980400
120710602002011	2011	060200	4	-327.64408800	105.71540200
120710602002012	2012	060200	1	-81.91072100	26.43016500
120710602002014	2014	060200	1	-81.90576200	26.42549800
120710602002016	2016	060200	11	-901.12993100	290.81376000
120710602002017	2017	060200	8	-655.35210000	211.49303200
120710602002019	2019	060200	8	-655.37845100	211.51081900
120710602003000	3000	060200	6	-491.43007200	158.53639500
120710602004005	4005	060200	1	-81.90046900	26.42258400
120710602004007	4007	060200	4	-327.60730300	105.69549400
120710602004008	4008	060200	4	-327.61338800	105.69720100
120710602004009	4009	060200	2	-163.80743900	52.85006600
120710602004010	4010	060200	5	-409.51887100	132.12819000
120710602004015	4015	060200	2	-163.79802000	52.84467500
120710602005001	5001	060200	6	-491.35443900	158.43221900
120710603002000	2000	060300	7	-573.02442000	184.53389300
120710603003000	3000	060300	1	-81.85664000	26.35524100
120710603004000	4000	060300	1	-81.85846700	26.35801500
120710603005002	5002	060300	1	-81.85373500	26.35025400
120710603005003	5003	060300	3	-245.56258000	79.05535800
120710603005004	5004	060300	1	-81.85479600	26.35327600
120710603005007	5007	060300	1	-81.85351300	26.35135700
120710603005008	5008	060300	8	-654.79976000	210.73502500
120710603005013	5013	060300	1	-81.84646300	26.33419200
120710701002015	2015	070100	1	-82.15296300	26.66301000
120710701005022	5022	070100	1	-82.07224500	26.62956500

Census Block	Block	Tract	RL/SRL Count	Center Latitude	Center Longitude
120710701005024	5024	070100	1	-82.07299300	26.63021000
120710701005028	5028	070100	1	-82.07118000	26.62895100
120710702001020	1020	070200	1	-82.08346200	26.54757000
120710702005001	5001	070200	1	-82.08019200	26.50107800
120710801002000	2000	080100	1	-82.22149200	26.60410500
120710801002999	2999	080100	1	-82.22374200	26.59453800
120710801003006	3006	080100	1	-82.19379100	26.52626400
120710801004001	4001	080100	2	-164.38306700	53.04594200
120710801004004	4004	080100	1	-82.18878100	26.52263700
120710801004005	4005	080100	1	-82.18795200	26.52376300
120710801004008	4008	080100	1	-82.19030200	26.51918800
120710801005007	5007	080100	1	-82.19022700	26.50964200
120710802011005	1005	080201	5	-410.90345500	132.40315500
120710802012000	2000	080201	1	-82.12498800	26.44703700
120710802012026	2026	080201	2	-164.36103300	52.95904400
120710802014000	4000	080201	18	-1477.69331900	475.66735900
120710802015003	5003	080201	1	-82.05604600	26.46134800
120710802022001	2001	080202	6	-492.31347600	158.59290300
120710802022003	2003	080202	1	-82.06784100	26.42596100
120710802022004	2004	080202	3	-246.21091400	79.27407200
120710802023000	3000	080202	20	-1640.57291800	528.90481200
120710802024009	4009	080202	3	-246.07117100	79.35586700
120710802025002	5002	080202	1	-82.02651200	26.44870800
120710802025024	5024	080202	1	-82.03153000	26.44402600
120710802027001	7001	080202	3	-246.13617500	79.31260300
120710802027005	7005	080202	1	-82.05473500	26.44256400
120710901001022	1022	090100	1	-82.26516000	26.76513300
120710901003036	3036	090100	1	-82.25868100	26.74945200

Hendry County RL/SRL Repetitive Loss by Census Blocks

Census Block	Block	Tract	RL/SRL Count	Center Latitude	Center Longitude
120510004007020	7020	000400	1	-81.50834700	26.72674700

Appendix D
Discovery Meeting Invitation

January 31, 2014

Mr. Cecil Pendergrass
Chairman of the Board of County Commissioners
Lee County
P.O. Box 398
Fort Myers, FL 33902

Dear Mr. Pendergrass:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- Lee County's coastal flooding history
- Lee County's coastal development plan
- Lee County's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and Lee County will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, Lee County, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Robert Stewart
Building Official
Lee County
P.O. Box 398
Fort Myers, FL 33902

Dear Mr. Stewart:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- Lee County's coastal flooding history
- Lee County's coastal development plan
- Lee County's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and Lee County will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, Lee County, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

The Honorable Ben Nelson, Jr.
Mayor
City of Bonita Springs
9101 Bonita Beach Road SE
Bonita Springs, FL 34135

Dear Mayor Nelson:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Bonita Springs' coastal flooding history
- City of Bonita Springs' coastal development plan
- City of Bonita Springs' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Bonita Springs will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Bonita Springs, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. John Gucciardo
Assistant City Manager
City of Bonita Springs
9101 Bonita Beach Road SE
Bonita Springs, FL 34135

Dear Mr. Gucciardo:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Bonita Springs' coastal flooding history
- City of Bonita Springs' coastal development plan
- City of Bonita Springs' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Bonita Springs will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Bonita Springs, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

The Honorable Marni Sawicki
Mayor
City of Cape Coral
P.O. Box 150027
Cape Coral, FL 33915

Dear Mayor Sawicki:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Cape Coral's coastal flooding history
- City of Cape Coral's coastal development plan
- City of Cape Coral's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Cape Coral will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Cape Coral, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Vincent Cautero
Community Development Director
City of Cape Coral
P.O. Box 150027
Cape Coral, FL 33915

Dear Mr. Cautero:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Cape Coral's coastal flooding history
- City of Cape Coral's coastal development plan
- City of Cape Coral's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Cape Coral will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Cape Coral, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Richard Sosnowski
Planning Team Coordiantor
City of Cape Coral
P.O. Box 150027
Cape Coral, FL 33915

Dear Mr. Sosnowski:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Cape Coral's coastal flooding history
- City of Cape Coral's coastal development plan
- City of Cape Coral's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Cape Coral will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Cape Coral, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

The Honorable Randy Henderson, Jr.
Mayor
City of Fort Myers
2200 Second Street
Fort Myers, FL 33901

Dear Mayor Henderson:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Fort Myers' coastal flooding history
- City of Fort Myers' coastal development plan
- City of Fort Myers' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Fort Myers will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Fort Myers, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Brent Brewster
Floodplain Manager
City of Fort Myers
1825 Hendry Street, #101
Fort Myers, FL 33901

Dear Mr. Brewster:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Fort Myers' coastal flooding history
- City of Fort Myers' coastal development plan
- City of Fort Myers' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Fort Myers will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Fort Myers, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

The Honorable Alan Mandel
Mayor
Town of Fort Myers Beach
2523 Estero Boulevard
Fort Myers Beach, FL 33931

Dear Mayor Mandel:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- Town of Fort Myers Beach's coastal flooding history
- Town of Fort Myers Beach's coastal development plan
- Town of Fort Myers Beach's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the Town of Fort Myers Beach will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the Town of Fort Myers Beach, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Josh Overmyer
Floodplain Administrator and Planning Coordinator
Town of Fort Myers Beach
2523 Estero Boulevard
Fort Myers Beach, FL 33931

Dear Mr. Overmyer:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- Town of Fort Myers Beach's coastal flooding history
- Town of Fort Myers Beach's coastal development plan
- Town of Fort Myers Beach's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the Town of Fort Myers Beach will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the Town of Fort Myers Beach, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

The Honorable Kevin Ruane
Mayor
City of Sanibel
800 Dunlop Road
Sanibel, FL 33957

Dear Mayor Ruane:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Sanibel's coastal flooding history
- City of Sanibel's coastal development plan
- City of Sanibel's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Sanibel will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Sanibel, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. R. Harold Law, Jr.
Building Official
City of Sanibel
800 Dunlop Road
Sanibel, FL 33957

Dear Mr. Law:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Sanibel's coastal flooding history
- City of Sanibel's coastal development plan
- City of Sanibel's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Sanibel will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Sanibel, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Ms. Judith Zimomra
City Manager
City of Sanibel
800 Dunlop Road
Sanibel, FL 33957

Dear Ms. Zimomra:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Sanibel's coastal flooding history
- City of Sanibel's coastal development plan
- City of Sanibel's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Sanibel will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Sanibel, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Keith Williams
Director of Public Works
City of Sanibel
800 Dunlop Road
Sanibel, FL 33957

Dear Mr. Williams:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Sanibel's coastal flooding history
- City of Sanibel's coastal development plan
- City of Sanibel's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Sanibel will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Sanibel, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. James Jordan
Planning Director
City of Sanibel
800 Dunlop Road
Sanibel, FL 33957

Dear Mr. Jordan:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of Sanibel's coastal flooding history
- City of Sanibel's coastal development plan
- City of Sanibel's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of Sanibel will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of Sanibel, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Karson Turner
Chairman of the Board of County Commissioners
Hendry County
P.O. Box 1760
LaBelle, FL 33975

Dear Mr. Turner:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- Hendry County's coastal flooding history
- Hendry County's coastal development plan
- Hendry County's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and Hendry County will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, Hendry County, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Mark Lynch
Building Official
Hendry County
P.O. Box 2340
LaBelle, FL 33975

Dear Mr. Lynch:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- Hendry County's coastal flooding history
- Hendry County's coastal development plan
- Hendry County's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and Hendry County will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, Hendry County, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

The Honorable David Lyons
Mayor
City of LaBelle
P.O. Box 458
LaBelle, FL 33975

Dear Mayor Lyons:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of LaBelle's coastal flooding history
- City of LaBelle's coastal development plan
- City of LaBelle's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of LaBelle will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of LaBelle, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Mr. Michael Boyle
Superintendent, Public Works
City of LaBelle
481 West Hickpochee Avenue
LaBelle, FL 33935

Dear Mr. Boyle:

This letter is written to inform you of the upcoming Discovery Meeting for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project in your community. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of Lee and Hendry Counties that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities within your coastal area during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding a Discovery Meeting in coordination with community officials in Lee and Hendry Counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk.

The Discovery Meeting for Lee and Hendry Counties will be held on Wednesday, March 5, 2014 at 2:00 PM.

The Discovery Meeting will be held at the following location:

Lee County Emergency Operations Center
2675 Ortiz Avenue
Fort Myers, FL 33905
Conference Rooms B-D

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- City of LaBelle's coastal flooding history
- City of LaBelle's coastal development plan
- City of LaBelle's coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities you can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact your coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the City of LaBelle will be vital to our success in identifying flood risks and needs that may exist.

In preparation for the meeting, the Floodplain Administrators (FPAs) will receive an enclosure, the Risk MAP Project Charter. The Project Charter is a non-binding agreement between FEMA, the City of LaBelle, and the Production and Technical Services contractors to work together through the life of the Risk MAP project to produce quality products.

If you received the Project Charter, please sign and return it to us via e-mail or mail by February 21, 2014. A signed copy will be returned for your records as part of the Discovery Report once all other parties sign the Project Charter.

To RSVP or request additional information, please contact Marissa Soule, RAMPP Study Manager, at 301-820-3449 or Marissa.Soule@urs.com, 12420 Milestone Center Drive, Germantown, MD, 20876.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA Mitigation Division

Enclosures: Risk MAP Project Charter (FPAs only)

January 31, 2014

Ms. Joy Duperault
State NFIP Coordinator
Florida Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, FL 32399

Dear Ms. Duperault:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Mr. Steve Martin
State Floodplain Management Office, Program Manager
Florida Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, FL 32399

Dear Mr. Martin:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Ms. Laura Herbert
Mitgation Planning
Florida Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, FL 32399

Dear Ms. Herbert:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Ms. Marlee McCleary
Floodplain Management Specialist
Florida Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, FL 32399

Dear Ms. McCleary:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Mr. Dan Waters
Regulation Service Center Administrator
South Florida Water Management District
2301 McGregor Boulevard
Fort Myers, FL 33901

Dear Mr. Waters:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Ms. Lucine Dadrian
Section Administrator - Project Development
South Florida Water Management District
3301 Gun Club Road
West Palm Beach, FL 33406

Dear Ms. Dadrian:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Ms. Dawn Turner
Project Manager
Southwest Florida Water Management District
7601 US Hwy. 301
Tampa, FL 33637

Dear Ms. Turner:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Ms. Jezabel Pagan
Project Manager
Southwest Florida Water Management District
7601 US Hwy. 301
Tampa, FL 33637

Dear Ms. Jezabel Pagan:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Ms. Joy Hazell
Lee County Extension Agent
Florida Sea Grant
3406 Palm Beach Boulevard
Fort Myers, FL 33916

Dear Ms. Joy Hazell:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Ms. Margaret Wuerstle
Executive Director
Southwest Florida Regional Planning Council
1926 Victoria Avenue
Fort Myers, FL 33901

Dear Ms. Margaret Wuerstle:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Mr. John Gibbons
Planner/Program Manager, Hazardous Waste/Materials Program
Southwest Florida Regional Planning Council
1926 Victoria Avenue
Fort Myers, FL 33901

Dear Mr. John Gibbons:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

January 31, 2014

Ms. Lisa Beever
Director
Charlotte Harbor National Estuary Program
1926 Victoria Avenue
Fort Myers, FL 33901

Dear Ms. Lisa Beever:

This letter is written to inform you of the upcoming Discovery Meetings for a coastal Risk Mapping, Assessment, and Planning (Risk MAP) project with counties in Southwest Florida. Risk MAP is a FEMA program that assists community efforts to identify, assess, and reduce their flood risk. By combining quality engineering with updated flood hazard data, FEMA provides accurate and easy-to-use information to enhance local hazard mitigation plans, improve community outreach, and increase local resilience to floods. Please note that this project will only address the portions of the project counties (Charlotte, Collier, DeSoto, Hendry, Lee, and Sarasota) that are affected by coastal flooding.

The Discovery process encourages FEMA and the impacted communities to envision a holistic picture of local coastal flood hazards, risk, and mitigation efforts—as well as to start discussions about increasing resilience to flooding. The information exchanged between FEMA and the communities during Discovery will improve our understanding of coastal flood hazard mapping, coastal flooding risk, mitigation planning, and communication needs. We are holding four Discovery Meetings March 4 – 6, 2014 in coordination with community officials in project counties as described below.

Mark A. Vieira, a Senior Engineer with FEMA Region IV, is the study manager for this project and will be your FEMA point of contact. FEMA is partnering with Risk Assessment, Mapping and Planning Partners (RAMPP) to complete this multi-year coastal Risk MAP project. FEMA and RAMPP are working together to invite the appropriate community leaders, emergency managers, GIS specialists, and local planners, as well as others with a vested interest in the community's watershed resources, floodplains, and flood risk. Please pick from one of four Discovery Meetings that is most convenient for you to attend:

The Discovery Meeting for Sarasota County will be held Tuesday, March 4, 2014 at 2:00 PM:

Southwest Florida Water Management District
Sarasota Service Office
6750 Fruitville Road
Sarasota, FL 34240-9711

The Discovery Meeting for Charlotte and DeSoto Counties will be held Wednesday, March 5, 2014 at 9:00 AM:

Charlotte Building Department
18500 Murdock Circle
Port Charlotte, FL 33948

The Discovery Meeting for Lee and Hendry Counties will be held Wednesday, March 5, 2014 at 2:00 PM:

Lee County Emergency Operations Center (Conference Rooms B-D)
2675 Ortiz Avenue
Fort Myers, FL 33905

The Discovery Meeting for Collier County will be held Thursday, March 6, 2014 at 9:00 AM:

County Community Development Department
2800 Horseshoe Dr. N.
Naples, FL 34104

At the meeting, we will discuss:

- The flood risk data we have gathered to date
- The counties' and cities' coastal flooding history
- The counties' and cities' coastal development plans
- The counties' and cities' coastal flood risk concerns
- Mitigation plan and potential coastal flood reducing activities communities can undertake, along with potential Federal funding mechanisms
- Coastal and floodplain management activities that impact the communities' coastal flood risk (e.g., erosion control structures, beach and dune nourishment projects, or flood protection structures)

We thank you for supporting this effort and encourage you or your designee to attend this important meeting. The partnership between FEMA and the [ORGANIZATION_NAME] will be vital to our success in identifying flood risks and needs that may exist.

To RSVP or request additional information, please contact Chris Zambito, RAMPP Study Manager (Charlotte, Collier, DeSoto, and Sarasota Counties), at 813-421-8639 or czambito@dewberry.com or Marissa Soule, RAMPP Study Manager (Lee and Hendry Counties), at 301-820-3449 or Marissa.Soule@urs.com.

We look forward to seeing you in March.

Sincerely,

Robert E. Lowe
Risk Analysis Branch Chief
FEMA – Mitigation Division

Appendix E
Discovery Data Questionnaire

FEMA

RiskMAP
Increasing Resilience Together

Community Discovery Data Questionnaire

Thank you for taking the time to read and complete this questionnaire. The information that you provide will help FEMA understand the flood risk in your community. It will also help FEMA work with you to implement the Risk MAP program. The goal of the program is to decrease the risk to life and property in your community from flooding.

Please fill in answers for as many questions as possible and return the questionnaire via mail or e-mail by February 21, 2014. If you are not sure what information is being requested, you can leave the response blank or call the contact below for further information.

For questions about the Discovery process or this questionnaire, please contact RAMPP Project Manager Marissa Soule at marissa.soule@urs.com or 301-820-3449. The URS mailing address is 12420 Milestone Center Drive, Suite 150, Germantown, MD 20876.

Contact Information

Community/Organization
City of Cape Coral

Name
Vincent Cautero

Title
Community Development Director

Address
Department of Community Development
P.O. Box 150027
Cape Coral, FL 33915

Email
vcautero@capecoral.net

Phone
239-574-0566

Please provide as much of the following information about your community as possible:

Historical Flood Data		
Are you aware of any coastal flooding issues not represented on the effective FIRMs?	☐ Yes ☒ No	If yes, please explain and provide inundation areas of historical flooding events if available.
Does your community have historical coastal flood data available (e.g., coastal high-water marks, news articles, pictures)?	☐ Yes ☒ No	If yes, please indicate the type of data available and provide the data, including the corresponding location and date. ☐ High-water marks ☐ News articles ☐ Pictures ☐ Other (please describe below)

FIRM = Flood Insurance Rate Map

Risk Assessment		
Does your community have HAZUS-based loss estimates from average annualized loss?	☐ Yes ☒ No	If yes, please describe.

Risk Assessment		
Does your community have other risk assessment data?	☒ Yes ☐ No	If yes, please describe. Please see Lee County, Florida LMS

HAZUS = Hazards U.S.

Mitigation Measures for Reducing Flood Risk		
For verification of our records, did your community participate in the development of the county's Local Mitigation Strategy (LMS) and have you adopted the LMS?	☒ Yes ☐ No	If your community does not participate in the countywide LMS but has developed its own hazard mitigation plan, please provide a copy of your community's plan and indicate its status. ☐ In review ☐ Adopted ☐ Currently being updated ☐ Update planned
Does the LMS note any data deficiencies for flood hazards that could be addressed through a flood study, especially near coastal zones?	☐ Yes ☒ No	If yes, please explain.

Mitigation Measures for Reducing Flood Risk		
Does your community have experience with flood disasters and flood disaster recovery?	☐ Yes ☒ No	If yes, please explain.
Does your community coordinate floodplain management programs with programs for the management and planning of open space?	☒ Yes ☐ No	If yes, please explain. Receiving CRS credit for Open Space
Has your community undertaken any proactive coastal flood mitigation actions or planning efforts that resulted in reduced losses?	☒ Yes ☐ No	If yes, please describe. Stormwater system inspection and maintenance; however, reduction in flood losses is not measureable
Has your community received Individual Assistance or Public Assistance grants for declared disasters?	☒ Yes ☐ No	If yes, please provide feedback on the project results.

Mitigation Measures for Reducing Flood Risk		
Does your community have any ongoing, planned, or completed flood mitigation projects aside from the projects included in the LMS or funded through FEMA? Include all projects funded through USACE, NRCS, USGS, or State programs such as CDBG, local authorities, etc.	☐ Yes ☒ No	If yes, please describe and provide the locations (including the latitude and longitude coordinates, if available) of ongoing, planned, or finished grant projects or structures. For completed projects, describe any reduction in losses realized since implementation. Please indicate whether prior planning efforts assisted in the identification and implementation of any project.
How would you rank your community's ability to implement mitigation actions?	☐ High ☒ Medium ☐ Low	
How would you rank your community's ability to communicate flood risk to citizens?	☐ High ☒ Medium ☐ Low	

CDBG = Community Development Block Grant
NRCS = Natural Resources Conservation Service
USACE = U.S. Army Corps of Engineers
USGS = U.S. Geological Survey

Community Plans and Projects		
If your community has a comprehensive plan, was it coordinated with the county LMS?	☒ Yes ☐ No	If you answered yes, please explain what portions of the plans were coordinated. Conservation and Coastal Management Element, Policy 4.4.11.
Does your community have a coastal zone management plan?	☒ Yes ☐ No	If yes, please provide a digital or hard copy of the plan.

Community Plans and Projects		
Does your community have planning staff or a planning/zoning commission and other measures such as ordinances, administrative plans, or other programs contributing to effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management?	☒ Yes ☐ No	If yes, please explain the group's role in floodplain management and provide examples of the types of programs in place. Cape Coral Department of Community Development staff enforces NFIP compliant floodplain management ordinance, Florida Building Code, Comprehensive Plan, and coordinates CRS program
Does your community have areas of recent or planned development or redevelopment, areas of high growth, or other natural land changes (e.g., wildfires, landslides):	☒ Yes ☐ No	If yes, please describe. Because Cape Coral is only 50 percent developed, significant growth is planned for the entire City.
Are there any other ongoing studies or projects and studied areas that have been modified since the effective map and that require an updated study (e.g. highway improvement, seawall improvement)?	☐ Yes ☒ No	If yes, please describe.

Community Plans and Projects	
Please provide any other comments or concerns based on local knowledge.	

Adoption of FIRMs	
Does your community use digital copies of the flood maps or paper copies?	☒ Digital ☒ Paper
Does your community have the ability to adopt flood maps in a digital format?	☒ Yes ☐ No

For the following portion of the questionnaire, if the geospatial data listed in the following tables is **created by your community**, please **send it to us on a CD or DVD**. If the data that you use is obtained from county, state, federal, or other agencies, we do not need information about it.

Base Map Data	*Select available data type*		*Source/Comments*
Jurisdictional boundaries	☐ *Hard copy*	☒ *Digital*	
Federal lands	☐ *Hard copy*	☒ *Digital*	
Publicly owned lands	☐ *Hard copy*	☒ *Digital*	
Transportation	☐ *Hard copy*	☒ *Digital*	
Stream lines	☐ *Hard copy*	☐ *Digital*	
Orthophotography	☐ *Hard copy*	☐ *Digital*	Obtain from Lee County
Topography (e.g., LiDAR, contour data)	☐ *Hard copy*	☐ *Digital*	
Property information (e.g., building footprints, parcel data, tax assessor's data)	☐ *Hard copy*	☐ *Digital*	Obtain from Lee County

LiDAR = light detection and ranging

Coastal Data	*Select available data type*		*Source/Comments*
Bathymetry	☐ *Hard copy*	☐ *Digital*	
Coastal structures (e.g., seawalls, levees, jetties, groins)	☐ *Hard copy*	☐ *Digital*	
Wave and tide gages	☐ *Hard copy*	☐ *Digital*	
Wind stations	☐ *Hard copy*	☐ *Digital*	
Locations of beach nourishment or dune restoration projects	☐ *Hard copy*	☐ *Digital*	
Erosion areas	☐ *Hard copy*	☐ *Digital*	
Proposed inland limit of the primary frontal dune if present	☐ *Hard copy*	☐ *Digital*	
Coastal High Hazard Area	☐ *Hard copy*	☒ *Digital*	

Other Data	*Select available data type*		*Source/Comments*
Land use and soil data	☐ *Hard copy*	☐ *Digital*	
Stream geometry/survey, especially for areas subject to coastal surge	☐ *Hard copy*	☐ *Digital*	
Hydraulic structures (e.g., bridges, culverts, levees, dams) with inspection status if available	☐ *Hard copy*	☐ *Digital*	
Elevated roads	☐ *Hard copy*	☐ *Digital*	
Coastal High water marks	☐ *Hard copy*	☐ *Digital*	
Critical facilities	☐ *Hard copy*	☐ *Digital*	Obtain from Lee County
Other known hazards with geographical boundaries (e.g., landslide hazard areas, storm surge inundation zones, wildfire hazard areas)	☐ *Hard copy*	☐ *Digital*	
Other relevant data	☐ *Hard copy*	☐ *Digital*	

FEMA

RiskMAP
Increasing Resilience Together

Community Discovery Data Questionnaire

Thank you for taking the time to read and complete this questionnaire. The information that you provide will help FEMA understand the flood risk in your community. It will also help FEMA work with you to implement the Risk MAP program. The goal of the program is to decrease the risk to life and property in your community from flooding.

Please fill in answers for as many questions as possible and return the questionnaire via mail or e-mail by February 21, 2014. If you are not sure what information is being requested, you can leave the response blank or call the contact below for further information.

For questions about the Discovery process or this questionnaire, please contact RAMPP Project Manager Marissa Soule at marissa.soule@urs.com or 301-820-3449. The URS mailing address is 12420 Milestone Center Drive, Suite 150, Germantown, MD 20876.

Contact Information

Community/Organization: Town of Fort Myers Beach

Name: Josh Overmyer

Title: Planning Coordinator / Floodplain Administrator

Address: 2523 Estero Blvd
Fort Myers Beach, FL 33931

Email: josh@fortmyersbeachfl.gov

Phone: (239) 765-0202 ext. 115

Please provide as much of the following information about your community as possible:

Historical Flood Data		
Are you aware of any coastal flooding issues not represented on the effective FIRMs?	☐ Yes ☒ No	If yes, please explain and provide inundation areas of historical flooding events if available.
Does your community have historical coastal flood data available (e.g., coastal high-water marks, news articles, pictures)?	☐ Yes ☐ No	If yes, please indicate the type of data available and provide the data, including the corresponding location and date. ☐ High-water marks ☐ News articles ☐ Pictures ☐ Other (please describe below)

FIRM = Flood Insurance Rate Map

Risk Assessment		
Does your community have HAZUS-based loss estimates from average annualized loss?	☐ Yes ☒ No	If yes, please describe.

Risk Assessment		
Does your community have other risk assessment data?	☐ Yes ☒ No	If yes, please describe.

HAZUS = Hazards U.S.

Mitigation Measures for Reducing Flood Risk		
For verification of our records, did your community participate in the development of the county's Local Mitigation Strategy (LMS) and have you adopted the LMS?	☒ Yes ☐ No	If your community does not participate in the countywide LMS but has developed its own hazard mitigation plan, please provide a copy of your community's plan and indicate its status. ☐ In review ☐ Adopted ☐ Currently being updated ☐ Update planned
Does the LMS note any data deficiencies for flood hazards that could be addressed through a flood study, especially near coastal zones?	☐ Yes ☒ No	If yes, please explain.

Mitigation Measures for Reducing Flood Risk		
Does your community have experience with flood disasters and flood disaster recovery?	☒ Yes ☐ No	If yes, please explain. Hurricane Charley - Aug 13, 2004
Does your community coordinate floodplain management programs with programs for the management and planning of open space?	☒ Yes ☐ No	If yes, please explain. As a CRS program participant, we map preserved open space for Activity 420 credit
Has your community undertaken any proactive coastal flood mitigation actions or planning efforts that resulted in reduced losses?	☐ Yes ☒ No	If yes, please describe.
Has your community received Individual Assistance or Public Assistance grants for declared disasters?	☐ Yes ☐ No	If yes, please provide feedback on the project results.

Mitigation Measures for Reducing Flood Risk		
Does your community have any ongoing, planned, or completed flood mitigation projects aside from the projects included in the LMS or funded through FEMA? Include all projects funded through USACE, NRCS, USGS, or State programs such as CDBG, local authorities, etc.	☐ Yes ☒ No	If yes, please describe and provide the locations (including the latitude and longitude coordinates, if available) of ongoing, planned, or finished grant projects or structures. For completed projects, describe any reduction in losses realized since implementation. Please indicate whether prior planning efforts assisted in the identification and implementation of any project.
How would you rank your community's ability to implement mitigation actions?		☐ High ☒ Medium ☐ Low
How would you rank your community's ability to communicate flood risk to citizens?		☒ High ☐ Medium ☐ Low

CDBG = Community Development Block Grant
NRCS = Natural Resources Conservation Service
USACE = U.S. Army Corps of Engineers
USGS = U.S. Geological Survey

Community Plans and Projects		
If your community has a comprehensive plan, was it coordinated with the county LMS?	☐ Yes ☒ No	If you answered yes, please explain what portions of the plans were coordinated.
Does your community have a coastal zone management plan?	☐ Yes ☒ No	If yes, please provide a digital or hard copy of the plan.

Community Plans and Projects		
Does your community have planning staff or a planning/zoning commission and other measures such as ordinances, administrative plans, or other programs contributing to effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management?	☒ Yes ☐ No	If yes, please explain the group's role in floodplain management and provide examples of the types of programs in place. Floodplain regulations are adopted into our Land Development Code, and a Floodplain review is done along with Zoning and other reviews of each permit.
Does your community have areas of recent or planned development or redevelopment, areas of high growth, or other natural land changes (e.g., wildfires, landslides):	☒ Yes ☐ No	If yes, please describe. Our beachfront properties mid- and south-end of the island along with many canal-front properties near downtown have been experiencing redevelopment
Are there any other ongoing studies or projects and studied areas that have been modified since the effective map and that require an updated study (e.g. highway improvement, seawall improvement)?	☐ Yes ☒ No	If yes, please describe.

Community Plans and Projects	
Please provide any other comments or concerns based on local knowledge.	

Adoption of FIRMs	
Does your community use digital copies of the flood maps or paper copies?	☐ Digital ☐ Paper both?
Does your community have the ability to adopt flood maps in a digital format?	☒ Yes ☐ No

For the following portion of the questionnaire, if the geospatial data listed in the following tables is **created by your community**, please **send it to us on a CD or DVD**. If the data that you use is obtained from county, state, federal, or other agencies, we do not need information about it.

Lee County GIS department and/or Property Appraiser

Base Map Data	*Select available data type*		*Source/Comments*
Jurisdictional boundaries	☐ *Hard copy*	☐ *Digital*	
Federal lands	☐ *Hard copy*	☐ *Digital*	
Publicly owned lands	☐ *Hard copy*	☐ *Digital*	
Transportation	☐ *Hard copy*	☐ *Digital*	
Stream lines	☐ *Hard copy*	☐ *Digital*	
Orthophotography	☐ *Hard copy*	☐ *Digital*	
Topography (e.g., LiDAR, contour data)	☐ *Hard copy*	☐ *Digital*	
Property information (e.g., building footprints, parcel data, tax assessor's data)	☐ *Hard copy*	☐ *Digital*	

LiDAR = light detection and ranging

Coastal Data	*Select available data type*		*Source/Comments*
Bathymetry	☐ *Hard copy*	☐ *Digital*	
Coastal structures (e.g., seawalls, levees, jetties, groins)	☐ *Hard copy*	☐ *Digital*	
Wave and tide gages	☐ *Hard copy*	☐ *Digital*	
Wind stations	☐ *Hard copy*	☐ *Digital*	
Locations of beach nourishment or dune restoration projects	☐ *Hard copy*	☐ *Digital*	
Erosion areas	☐ *Hard copy*	☐ *Digital*	
Proposed inland limit of the primary frontal dune if present	☐ *Hard copy*	☐ *Digital*	
Coastal High Hazard Area	☐ *Hard copy*	☐ *Digital*	

Other Data	*Select available data type*		*Source/Comments*
Land use and soil data	☐ *Hard copy*	☐ *Digital*	
Stream geometry/survey, especially for areas subject to coastal surge	☐ *Hard copy*	☐ *Digital*	
Hydraulic structures (e.g., bridges, culverts, levees, dams) with inspection status if available	☐ *Hard copy*	☐ *Digital*	
Elevated roads	☐ *Hard copy*	☐ *Digital*	
Coastal High water marks	☐ *Hard copy*	☐ *Digital*	
Critical facilities	☐ *Hard copy*	☐ *Digital*	
Other known hazards with geographical boundaries (e.g., landslide hazard areas, storm surge inundation zones, wildfire hazard areas)	☐ *Hard copy*	☐ *Digital*	
Other relevant data	☐ *Hard copy*	☐ *Digital*	

FEMA

RiskMAP
Increasing Resilience Together

Community Discovery Data Questionnaire

Thank you for taking the time to read and complete this questionnaire. The information that you provide will help FEMA understand the flood risk in your community. It will also help FEMA work with you to implement the Risk MAP program. The goal of the program is to decrease the risk to life and property in your community from flooding.

Please fill in answers for as many questions as possible and return the questionnaire via mail or e-mail by February 21, 2014. If you are not sure what information is being requested, you can leave the response blank or call the contact below for further information.

For questions about the Discovery process or this questionnaire, please contact RAMPP Project Manager Marissa Soule at marissa.soule@urs.com or 301-820-3449. The URS mailing address is 12420 Milestone Center Drive, Suite 150, Germantown, MD 20876.

FEMA

RiskMAP
Increasing Resilience Together

Contact Information

Community/Organization Lee County, FL 125124

Name Robert Stewart

Title Building Official and Floodplain Administrator

Address
Lee County Community Development
P.O. Box 398
Fort Myers FL 33902-0398

Email rstewart@leegov.com

Phone (239) 533-8585

Please provide as much of the following information about your community as possible:

Historical Flood Data		
Are you aware of any coastal flooding issues not represented on the effective FIRMs?	☐ Yes x] No	If yes, please explain and provide inundation areas of historical flooding events if available.
Does your community have historical coastal flood data available (e.g., coastal high-water marks, news articles, pictures)? Hurricanes Charley 2004 and Wilma 2005 and Tropical Storms Fay 2008 and Gabrielle 2001 are the events most documented in Lee County. Please see the attached reports. In addition, we have After Action Reports (AARs) from past tropical events that do include some historic flooding info, if you want it.	☒ Yes ☐ No	If yes, please indicate the type of data available and provide the data, including the corresponding location and date. ☐ High-water marks ☐ News articles ☐ Pictures X] Other (please describe below) Post-storm reports from emergency response operations

FIRM = Flood Insurance Rate Map

Risk Assessment		
Does your community have HAZUS-based loss estimates from average annualized loss?	☐ Yes X No	If yes, please describe. Lee County has the ability to run HAZUS and the reports were generated after Hurricanes Charley 2004 and Wilma 2005. Those are primarily windstorm events and they have not be used for flood mitigation. The national data for HAZUS has not been significantly updated for Lee County since 2000.

Risk Assessment		
Does your community have other risk assessment data?	[X] Yes [ ] No	If yes, please describe. Local Mitigation Strategy (LMS) last adopted in 2010 and the Lee County Comprehensive Emergency Management Plan, recently updated.

HAZUS = Hazards U.S.

Mitigation Measures for Reducing Flood Risk		
For verification of our records, did your community participate in the development of the county's Local Mitigation Strategy (LMS) and have you adopted the LMS?	[X Yes [ ] No	If your community does not participate in the countywide LMS but has developed its own hazard mitigation plan, please provide a copy of your community's plan and indicate its status. [ ] In review [ ] Adopted [ ] Currently being updated [ ] Update planned
Does the LMS note any data deficiencies for flood hazards that could be addressed through a flood study, especially near coastal zones?	[ ] Yes [X] No	If yes, please explain.

Mitigation Measures for Reducing Flood Risk		
Does your community have experience with flood disasters and flood disaster recovery?	[X] Yes [ ] No	If yes, please explain. Lee County Emergency Operations and Public Safety Staff coordinates responses to such emergencies, especially as part of hurricane storm response. Past experience includes the response to Hurricane Charley (2004) Tropical Storm Fay (2008) and other storm events.
Does your community coordinate floodplain management programs with programs for the management and planning of open space?	[X] Yes [ ] No	If yes, please explain. This is accomplished through Comprehensive Planning and the Land Development Code. This is also accomplished through management of Lee County's 20/20 open space preservation program.
Has your community undertaken any proactive coastal flood mitigation actions or planning efforts that resulted in reduced losses?	[ ] Yes [ ] No	If yes, please describe. Lee County has undertaken coastal projects, but because we do not have significant and recurring flood losses, it is not clear whether these projects resulted in reduced losses.
Has your community received Individual Assistance or Public Assistance grants for declared disasters?	[X] Yes [ ] No	If yes, please provide feedback on the project results. In addition to specific projects listed on the LMS, FEMA reimbursements were delivered after the 2004 and 2005 hurricanes and after Tropical Storm Fay in 2008.

Mitigation Measures for Reducing Flood Risk		
Does your community have any ongoing, planned, or completed flood mitigation projects aside from the projects included in the LMS or funded through FEMA? Include all projects funded through USACE, NRCS, USGS, or State programs such as CDBG, local authorities, etc.	☐ Yes ☐ No	If yes, please describe and provide the locations (including the latitude and longitude coordinates, if available) of ongoing, planned, or finished grant projects or structures. For completed projects, describe any reduction in losses realized since implementation. Please indicate whether prior planning efforts assisted in the identification and implementation of any project. We currently have beach renourishment projects, but they are not necessarily for flood mitigation.
How would you rank your community's ability to implement mitigation actions?		X High ☐ Medium ☐ Low
How would you rank your community's ability to communicate flood risk to citizens?		X High ☐ Medium ☐ Low

CDBG = Community Development Block Grant
NRCS = Natural Resources Conservation Service
USACE = U.S. Army Corps of Engineers
USGS = U.S. Geological Survey

Community Plans and Projects		
If your community has a comprehensive plan, was it coordinated with the county LMS?	X Yes ☐ No	If you answered yes, please explain what portions of the plans were coordinated. All portions of the LMS are consistent with the Lee County comprehensive plan. Please note that the plan is currently being updated.
Does your community have a coastal zone management plan?	☐ Yes ☐ No	If yes, please provide a digital or hard copy of the plan.

Community Plans and Projects		
Does your community have planning staff or a planning/zoning commission and other measures such as ordinances, administrative plans, or other programs contributing to effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management?	[X] Yes [ ] No	If yes, please explain the group's role in floodplain management and provide examples of the types of programs in place. Lee County's current Comprehensive Plan and Land Development Code deal with these issues. The Comprehensive Plan is being updated to include a full element for Conservation and Coastal Management. In addition, Lee County has a Coastal advisory Council that provides guidance to the Board of County Commissioners on beach and coastal conservation. Anything more from Natural Resources?
Does your community have areas of recent or planned development or redevelopment, areas of high growth, or other natural land changes (e.g., wildfires, landslides):	[X] Yes [ ] No	If yes, please describe. Demand for development in Lee County is ongoing countywide. All of the planned development is occurring in areas of the County mapped into the FEMA floodplain effective in 2008. There is no area of subject to natural land changes like wildfires or landslides. Areas subject to erosion have been identified by the County and the State.
Are there any other ongoing studies or projects and studied areas that have been modified since the effective map and that require an updated study (e.g. highway improvement, seawall improvement)?	[X] Yes [ ] No	If yes, please describe. The current effective maps do not include culverts at Three Oaks Parkway, so both floodway boundaries and BFEs in the Estero River area are likely inaccurate. In addition, FEMA is currently in a Physical Map Revision of the Ten Mile Canal and the Estero River floodways which significantly alters floodway boundaries and may change flood zones and BFEs.

Community Plans and Projects	
Please provide any other comments or concerns based on local knowledge.	

Adoption of FIRMs		
Does your community use digital copies of the flood maps or paper copies?	[X] Digital [ ] Paper	Even though our maps were not issued as "D-FIRMS", we are using FIRM GIS layers for FIRM zones, floodway, BFE and FIRM panels. GIS files were received from FEMA with the 2008 maps and have been updated to reflect LOMAs and LOMRs.
Does your community have the ability to adopt flood maps in a digital format?	[X] Yes [ ] No	

For the following portion of the questionnaire, if the geospatial data listed in the following tables is **created by your community**, please **send it to us on a CD or DVD**. If the data that you use is obtained from county, state, federal, or other agencies, we do not need information about it.

Base Map Data	*Select available data type*		*Source/Comments*
Jurisdictional boundaries	☐ *Hard copy*	☐ *Digital*	
Federal lands			
Publicly owned lands			
Transportation			
Stream lines			
Orthophotography			
Topography (e.g., LiDAR, contour data)			
Property information (e.g., building footprints, parcel data, tax assessor's data)			

LiDAR = light detection and ranging

Please see previously submitted responses (Attachment 1).

Coastal Data	*S*		
Bathymetry			
Coastal structures (e.g., seawalls, levees, jetties, groins)			
Wave and tide gages			
Wind stations			
Locations of beach nourishment or dune restoration projects	☐ *Hard copy*	☐ *Digital*	
Erosion areas	☐ *Hard copy*	☐ *Digital*	
Proposed inland limit of the primary frontal dune if present	☐ *Hard copy*	☐ *Digital*	
Coastal High Hazard Area	☐ *Hard copy*	☐ *Digital*	

Other Data	*Select available data type*	*Source/Comments*
Land use and soil data		
Stream geometry/survey, especially for areas subject to coastal surge		
Hydraulic structures (e.g., bridges, culverts, levees, dams) with inspection status if available		Please see previously submitted responses (Attachment 2).
Elevated roads		
Coastal High water marks		
Critical facilities		
Other known hazards with geographical boundaries (e.g., landslide hazard areas, storm surge inundation zones, wildfire hazard areas)		
Other relevant data		

FEMA Coastal Remapping (RAMPP) Questionnaire (Attachment 1)

Coastal Data	*data type*	*Source/Comments*
Bathymetry		Beach nourishment monitoring data ongoing for project areas.
Coastal structures		
Wave and tide gages	Digital	Depth back to 2007 (7 locations), wind back to 2010 (3 locations). SCCF. Data sharing agreement required. Wave buoy expected 2014.
Wind stations	Digital	
Locations of beach nourishment or dune restoration projects		Post construction reports expected for Gasparilla and Captiva/N Sanibel Spring 2014. Construction anticipated Summer 2014 for Lovers Key and Bonita Beach.
Erosion areas		Reference Town Study for Fort Myers Beach, DRAFT Jan 2014
Proposed inland limit of the primary frontal dune if present		
Coastal High Hazard Area	GIS polygon	Category A (Tropical Storm and Cat 1) storm surge zones (FDEM/SWFRPC). See CoastalData\CoastalDataFGDB.gdb

Base Map Data	*Hard copy*	*Digital*	*Source/Comments*
Jurisdictional boundaries		GIS polygon	Lee County GIS
Federal lands		GIS polygon	Lee County Propery Appraiser (owner = U S FISH + WILDLIFE SERVICE or UNITED STATES OF AMERICA)
Publicly owned lands		GIS polygon	Lee County Conservation 20/20 Preserves and Florida Natural Areas Inventory (FNAI) Conservation Lands
Transportation		GIS line	Road centerline, bridges, overpasses (Lee County DOT)
Stream lines		GIS line	Named streams digitized from 2007 LiDAR (Lee County GIS and Natural Resources)
Orthophotography		Raster (tif, jpg, MrSid)	2013 6" ground resolution, or 2011 4" ground resolution (Pictometry Int'l)
Topography		LiDAR & GIS line	LiDAR (2007) countywide LAS files & derived 2' contours (FDEM). LiDAR (2010) coastal LAS files (NOAA)
Property information		GIS polygon	Parcel polygons, condos, parcel and condo points with ownership and assessment data, building footprints and condo buildings (Property Appraiser & Lee County)

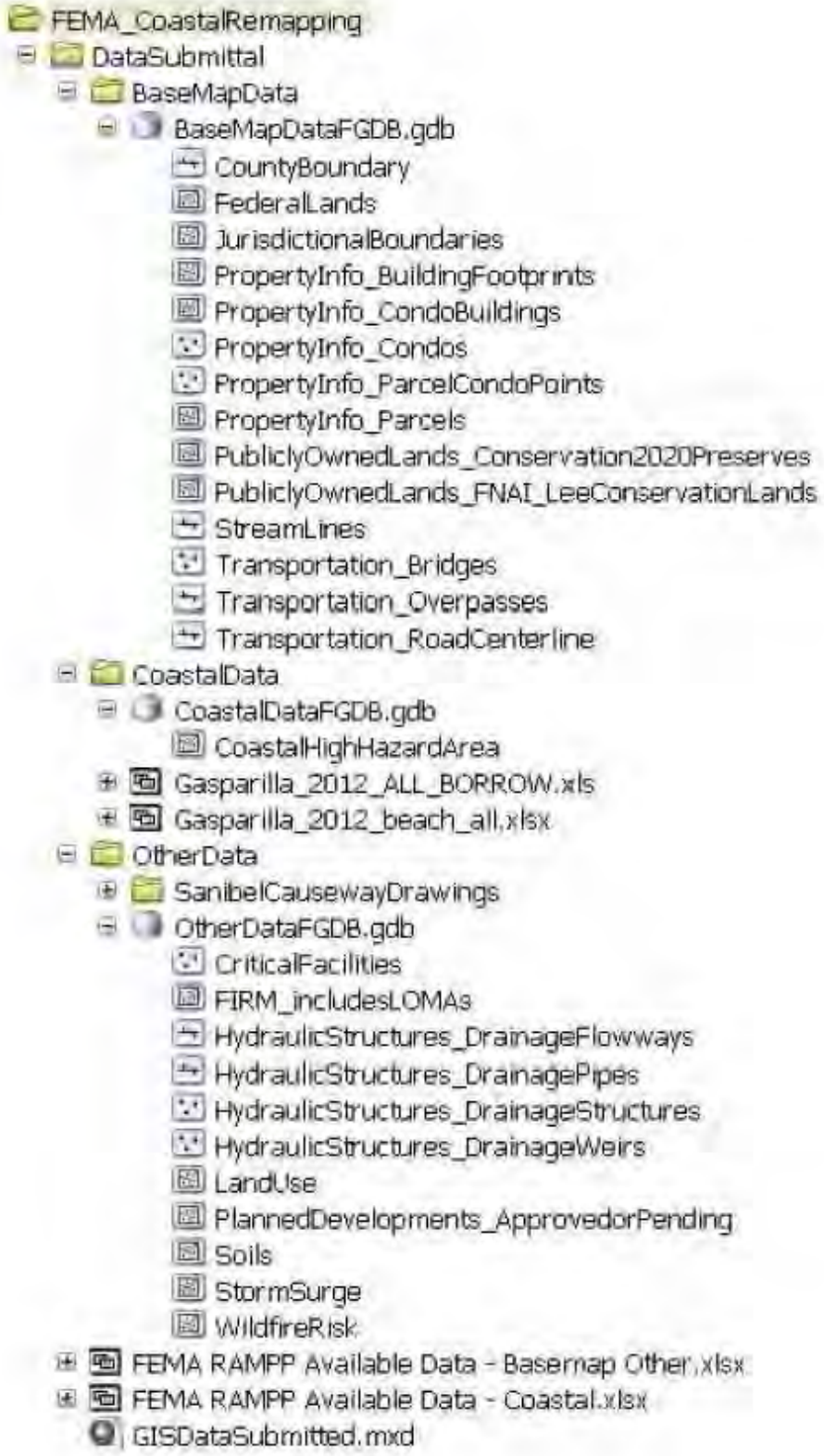
FEMA Coastal Remapping (RAMPP) Questionnaire (Attachment 2)

Other Data	*Hard copy*	*Digital*	***Source/Comments***
Land use and soil data		GIS polygon	Landuse - Parcel based (Lee County DCD Planning). Soil survey (USDA/NRCS)
Stream geometry/survey			
Hydraulic structures		GIS point and line	Countywide point location of bridges. Unincorporated county - canals, drainage pipes, control structures (Lee County DOT)
Elevated roads			(layer not available, see bridges and overpasses)
Coastal high water marks			
Critical facilities		GIS point	Lee County GIS
Other known hazards		GIS polygon	Storm surge zones (FDEM/SWFRPC), Wildfire Level of Concern (DOACS)
Other relevant data		GIS polygon	Digital FIRM with LOMAs and LOMRs (current for unincorporated Lee), FEMA originated, revised by Lee County. Planned developments

Coordinate sytem is Florida State Plane West, NAD83, feet
Shaded records indicate data was not provided. FEMA had already obtained.

FDEM - Florida Department of Emergency Management
SWFRPC - Southwest Florida Regional Planning Council
FNAI - Florida Natural Areas Inventory
USDA/NRCS - Natioanl Resouces Conservation Service
DOACS - Florida Forest Service

Lee County Data Submittal 3/5/2014



FEMA

RiskMAP
Increasing Resilience Together

Community Discovery Data Questionnaire

Thank you for taking the time to read and complete this questionnaire. The information that you provide will help FEMA understand the flood risk in your community. It will also help FEMA work with you to implement the Risk MAP program. The goal of the program is to decrease the risk to life and property in your community from flooding.

Please fill in answers for as many questions as possible and return the questionnaire via mail or e-mail by February 21, 2014. If you are not sure what information is being requested, you can leave the response blank or call the contact below for further information.

For questions about the Discovery process or this questionnaire, please contact RAMPP Project Manager Marissa Soule at marissa.soule@urs.com or 301-820-3449. The URS mailing address is 12420 Milestone Center Drive, Suite 150, Germantown, MD 20876.

Contact Information

Community/Organization: City of Sanibel

Name: Harold Law

Title: Building Dir. / CRS coordinator

Address: 800 Dunlop Rd. Sanibel, FL 33957

Email: Harold.Law@Mysanibel.com

Phone: 239 472 4555

Please provide as much of the following information about your community as possible:

Historical Flood Data		
Are you aware of any coastal flooding issues not represented on the effective FIRMs?	☐ Yes ■ No	If yes, please explain and provide inundation areas of historical flooding events if available.
Does your community have historical coastal flood data available (e.g., coastal high-water marks, news articles, pictures)?	☐ Yes ■ No	If yes, please indicate the type of data available and provide the data, including the corresponding location and date. ☐ High-water marks ☐ News articles ☐ Pictures ☐ Other (please describe below)

FIRM = Flood Insurance Rate Map

Risk Assessment		
Does your community have HAZUS-based loss estimates from average annualized loss?	☐ Yes ■ No	If yes, please describe.

Risk Assessment		
Does your community have other risk assessment data?	☐ Yes ■ No	If yes, please describe.

HAZUS = Hazards U.S.

Mitigation Measures for Reducing Flood Risk		
For verification of our records, did your community participate in the development of the county's Local Mitigation Strategy (LMS) and have you adopted the LMS?	■ Yes ☐ No	If your community does not participate in the countywide LMS but has developed its own hazard mitigation plan, please provide a copy of your community's plan and indicate its status. ☐ In review ☐ Adopted ☐ Currently being updated ☐ Update planned
Does the LMS note any data deficiencies for flood hazards that could be addressed through a flood study, especially near coastal zones?	☐ Yes ■ No	If yes, please explain.

Mitigation Measures for Reducing Flood Risk		
Does your community have experience with flood disasters and flood disaster recovery?	■ Yes ☐ No	If yes, please explain. Hurrican Charlie
Does your community coordinate floodplain management programs with programs for the management and planning of open space?	■ Yes ☐ No	If yes, please explain. See Sanibel PLan
Has your community undertaken any proactive coastal flood mitigation actions or planning efforts that resulted in reduced losses?	■ Yes ☐ No	If yes, please describe. With Lee Co.
Has your community received Individual Assistance or Public Assistance grants for declared disasters?	■ Yes ☐ No	If yes, please provide feedback on the project results. Good money refund could be faster

Mitigation Measures for Reducing Flood Risk		
Does your community have any ongoing, planned, or completed flood mitigation projects aside from the projects included in the LMS or funded through FEMA? Include all projects funded through USACE, NRCS, USGS, or State programs such as CDBG, local authorities, etc.	☐ Yes ■ No	If yes, please describe and provide the locations (including the latitude and longitude coordinates, if available) of ongoing, planned, or finished grant projects or structures. For completed projects, describe any reduction in losses realized since implementation. Please indicate whether prior planning efforts assisted in the identification and implementation of any project.
How would you rank your community's ability to implement mitigation actions?	■ High ☐ Medium ☐ Low	
How would you rank your community's ability to communicate flood risk to citizens?	■ High ☐ Medium ☐ Low	

CDBG = Community Development Block Grant
NRCS = Natural Resources Conservation Service
USACE = U.S. Army Corps of Engineers
USGS = U.S. Geological Survey

Community Plans and Projects		
If your community has a comprehensive plan, was it coordinated with the county LMS?	■ Yes ☐ No	If you answered yes, please explain what portions of the plans were coordinated. See Sanibel Plan
Does your community have a coastal zone management plan?	☐ Yes ■ No	If yes, please provide a digital or hard copy of the plan.

Community Plans and Projects		
Does your community have planning staff or a planning/zoning commission and other measures such as ordinances, administrative plans, or other programs contributing to effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management?	■ Yes ☐ No	If yes, please explain the group's role in floodplain management and provide examples of the types of programs in place. All property is in flood Zone
Does your community have areas of recent or planned development or redevelopment, areas of high growth, or other natural land changes (e.g., wildfires, landslides):	☐ Yes ■ No	If yes, please describe.
Are there any other ongoing studies or projects and studied areas that have been modified since the effective map and that require an updated study (e.g. highway improvement, seawall improvement)?	☐ Yes ■ No	If yes, please describe.

Community Plans and Projects	
Please provide any other comments or concerns based on local knowledge.	

Adoption of FIRMs	
Does your community use digital copies of the flood maps or paper copies?	■ Digital ■ Paper
Does your community have the ability to adopt flood maps in a digital format?	■ Yes ☐ No

For the following portion of the questionnaire, if the geospatial data listed in the following tables is **created by your community**, please **send it to us on a CD or DVD**. If the data that you use is obtained from county, state, federal, or other agencies, we do not need information about it.

Base Map Data	*Select available data type*		*Source/Comments*
Jurisdictional boundaries	☐ *Hard copy*	☒ *Digital*	Lee Co./ Public Works -
Federal lands	☐ *Hard copy*	☐ *Digital*	Lee Co Property Appraiser
Publicly owned lands	☐ *Hard copy*	☐ *Digital*	Lee Co. Property Appraiser
Transportation	☐ *Hard copy*	☒ *Digital*	ROADS/ Public Works
Stream lines	☐ *Hard copy*	☐ *Digital*	N/A
Orthophotography	☐ *Hard copy*	☐ *Digital*	Lee Co.
Topography (e.g., LiDAR, contour data)	☐ *Hard copy*	☐ *Digital*	Lee Co.
Property information (e.g., building footprints, parcel data, tax assessor's data)	☐ *Hard copy*	☒ *Digital*	LeeCo.

LiDAR = light detection and ranging

Coastal Data	*Select available data type*		*Source/Comments*
Bathymetry	☐ *Hard copy*	☐ *Digital*	WCIND/ NOAA
Coastal structures (e.g., seawalls, levees, jetties, groins)	☐ *Hard copy*	☐ *Digital*	Lee Co.
Wave and tide gages	☐ *Hard copy*	☐ *Digital*	NOAA
Wind stations	☐ *Hard copy*	☐ *Digital*	NOAA
Locations of beach nourishment or dune restoration projects	☐ *Hard copy*	☐ *Digital*	Lee Co.
Erosion areas	☐ *Hard copy*	☐ *Digital*	Lee Co.
Proposed inland limit of the primary frontal dune if present	☐ *Hard copy*	☐ *Digital*	ECO. ZONE MAPS
Coastal High Hazard Area	☐ *Hard copy*	☐ *Digital*	Fed./State DEP

Other Data	*Select available data type*		*Source/Comments*
Land use and soil data	☐ *Hard copy*	☒ *Digital*	Sanibel Plan
Stream geometry/survey, especially for areas subject to coastal surge	☐ *Hard copy*	☐ *Digital*	NONE
Hydraulic structures (e.g., bridges, culverts, levees, dams) with inspection status if available	☐ *Hard copy*	☒ *Digital*	City Public Works
Elevated roads	☐ *Hard copy*	☐ *Digital*	NONE
Coastal High water marks	☐ *Hard copy*	☐ *Digital*	N/A
Critical facilities	☒ *Hard copy*	☐ *Digital*	City Hall, P.W. Office + Garage, Recreation Center, DonAx WT Plant
Other known hazards with geographical boundaries (e.g., landslide hazard areas, storm surge inundation zones, wildfire hazard areas)	☐ *Hard copy*	☐ *Digital*	FEDERAL + Public PROPERTIES See Map
Other relevant data	☐ *Hard copy*	☐ *Digital*	

FEMA

RiskMAP
Increasing Resilience Together

Community Discovery Data Questionnaire

Thank you for taking the time to read and complete this questionnaire. The information that you provide will help FEMA understand the flood risk in your community. It will also help FEMA work with you to implement the Risk MAP program. The goal of the program is to decrease the risk to life and property in your community from flooding.

Please fill in answers for as many questions as possible and return the questionnaire via mail or e-mail by February 21, 2014. If you are not sure what information is being requested, you can leave the response blank or call the contact below for further information.

For questions about the Discovery process or this questionnaire, please contact RAMPP Project Manager, Marissa Soule, at marissa.soule@urs.com or 301-820-3449. The URS mailing address is: 12420 Milestone Center Drive, Suite 150, Germantown, MD 20876.

FEMA

RiskMAP
Increasing Resilience Together

Contact Information

Community/Organization: City of LaBelle

Name: Michael A. Boyle

Title: Supt. of Public Works

Address: 481 Hickpochee Ave (SR 80) LaBelle, Fl 33935
PO Box 458 LaBelle, Fl 33975

Email: michaelboyle@citylabelle.com

Phone: 863 675-2872

Please provide as much of the following information about your community as possible:

Historical Flood Data		
Are you aware of any coastal flooding issues not represented on the effective FIRMs?	☐ Yes ☑ No	If yes, please explain and provide inundation areas of historical flooding events if available.
Does your community have historical coastal flood data available (e.g., coastal high-water marks, news articles, pictures)?	☐ Yes ☑ No	If yes, please indicate the type of data available and provide the data, including the corresponding location and date. ☐ High-water marks ☐ News articles ☐ Pictures ☐ Other (please describe below)

FIRM = Flood Insurance Rate map

Mitigation Measures for Reducing Flood Risk		
For verification of our records, did your community participate in the development of the county's Local Mitigation Strategy (LMS) and have you adopted the LMS?	☑ Yes ☐ No	If your community does not participate in the countywide LMS but has developed its own hazard mitigation plan, please provide a copy of your community's plan and indicate its status. ☐ In review ☐ Adopted ☐ Currently being updated ☐ Update planned
Does your community have experience with flood disasters and flood disaster recovery?	☐ Yes ☑ No	If yes, please explain.
Has your community received Individual Assistance or Public Assistance grants for declared disasters?	☑ Yes ☐ No	If yes, please provide feedback on the project results. Wilma

Mitigation Measures for Reducing Flood Risk		
Does your community have any ongoing, planned, or completed flood mitigation projects aside from the projects included in the LMS or funded through FEMA? Include all projects funded through USACE, NRCS, USGS, or State programs such as CDBG, local authorities, etc.	☐ Yes ☑ No	If yes, please describe and provide the locations (including the latitude and longitude coordinates, if available) of ongoing, planned, or finished grant projects or structures. For completed projects, describe any reduction in losses realized since implementation. Please indicate whether prior planning efforts assisted in the identification and implementation of any project.
How would you rank your community's ability to implement mitigation actions?		☐ High ☑ Medium ☐ Low
How would you rank your community's ability to communicate flood risk to citizens?		☐ High ☑ Medium ☐ Low

CDBG = Community Development Block Grant
NRCS = Natural Resources Conservation Service
USACE = U.S. Army Corps of Engineers
USGS = U.S. Geological Survey

Community Plans and Projects		
If your community has a comprehensive plan, was it coordinated with the county LMS?	☑ Yes ☐ No	If you answered yes, please explain what portions of the plans were coordinated.

Community Plans and Projects		
Does your community have a coastal zone management plan?	☐ Yes ☑ No	If yes, please provide a digital or hard copy of the plan.
Does your community have planning staff or a planning/zoning commission and other measures, such as ordinances, administrative plans, or other programs that contribute to the effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management?	☑ Yes ☐ No	If yes, please explain this group's role in floodplain management and provide examples of the types of programs in place.
Does your community have areas of recent or planned development or re-development, areas of high growth or other natural land changes (e.g., wildfires, landslides)?	☐ Yes ☑ No	If yes, please describe.
Are there any other ongoing studies or projects and studied areas that have been modified since the effective map and that require an updated study (e.g. highway improvement, seawall improvement)?	☐ Yes ☑ No	If yes, please describe.

Community Plans and Projects	
Please provide any other comments or concerns based on local knowledge.	

Adoption of FIRMs	
Does your community use digital copies of the flood maps or paper copies?	☐ Digital ☑ Paper
Does your community have the ability to adopt flood maps in a digital format?	☑ Yes ☐ No

Appendix F
Community Contact List

Community or Organization the Contact Represents	Contact Title/Department	Name	Phone	E-Mail	Mailing Address	Role
FDEM	State NFIP Coordinator	Marianne Arbulu	850-922-4518	marianne.arbulu@em.myflorida.com	2555 Shumard Oak Boulevard Tallahassee, FL 32399	State NFIP Coordinator
	State Floodplain Management Office, Program Manager	Steve Martin	850-922-4182	Steve.Martin@em.myflorida.com	2555 Shumard Oak Boulevard Tallahassee, FL 32399	Organizational Contact
	Floodplain Management Specialist/Mitigation Bureau	Marlee McCleary	(850) 487-2857	Marlee.Mccleary@em.myflorida.com	2555 Shumard Oak Boulevard Tallahassee, FL 32399	Organizational Contact
	Mitigation Planner IV	Jamie Leigh Price	(850) 413-9925	Jamie.Price@em.myflorida.com	2555 Shumard Oak Boulevard Tallahassee, FL 32399	Organizational Contact
SFWMD	Regulation Service Center Administrator	Dan Waters	(239) 338-2929 Ext. 7763	dwaters@sfwmd.gov	2301 McGregor Boulevard Fort Myers, FL 33901	Organizational Contact
	Section Administrator - Project Development	Lucine Dadrian	(561) 682-2685	ldadrian@sfwmd.gov	3301 Gun Club Road West Palm Beach, FL 33406	Organizational Contact
Florida Sea Grant	Lee County Extension Agent	Joy Hazell	(239) 533-7518	JHazell@leegov.com	3406 Palm Beach Boulevard Fort Myers, FL 33916	Organizational Contact
SWFRPC	Executive Director	Margaret Wuerstle	(239) 338-2550 Ext. 222	mwuerstle@swfrpc.org	1926 Victoria Avenue Fort Myers, FL 33901	Organizational Contact
	Planner/Program Manager, Hazardous Waste/Materials Program	John Gibbons	(239) 338-2550 Ext. 229	jgibbons@swfrpc.org	1926 Victoria Avenue Fort Myers, FL 33901	Organizational Contact
	GIS Analyst	Tim Walker	(239) 338-2550 Ext. 212	twalker@swfrpc.org	1926 Victoria Avenue Fort Myers, FL 33901	Organizational Contact
CHNEP	Director	Lisa Beever	(239) 338-2550 Ext. 235	lbeever@swfrpc.org	1926 Victoria Avenue Fort Myers, FL 33901	Organizational Contact
Lee County	Chairman of the Board of County Commissioners	Larry Kiker	(239) 533-2223	Dist3@leegov.com	P.O. Box 398 Fort Myers, FL 33902	CEO
	Building Official	Robert Stewart	(239) 533-8320	rstewart@leegov.com	P.O. Box 398 Fort Myers, FL 33902	FPA
	County Commision, District 2	Cecil Pendergrass	(239) 533-2227	Dist2@leegov.com	P.O. Box 398 Fort Myers, FL 33902	Additional Contact
	Communications Manager, Lee County Department of Community Development	Joan LaGuardia	(239) 533-8705	jlaguardia@leegov.com	P.O. Box 398 Fort Myers, FL 33902	Additional Contact
	Operations Manager, Lee County Division of Natural Resources	Anura Karuna-Muni	(239) 533-8131	akaruna-muni@leegov.com	P.O. Box 398 Fort Myers, FL 33902	Additional Contact
	Engineering Manager, Lee County Division of Natural Resources	Dr. Sam Lee	(239) 533-8132	slee@leegov.com	P.O. Box 398 Fort Myers, FL 33902	Additional Contact

Community or Organization the Contact Represents	Contact Title/Department	Name	Phone	E-Mail	Mailing Address	Role
Lee County	Coastal Operations Manager, Lee County Division of Natural Resources	Steve Boutelle	(239) 533-8128	sboutelle@leegov.com	P.O. Box 398 Fort Myers, FL 33902	Additional Contact
	GIS Data Steward, Lee County GIS Division	Helena McMullen	(239) 533-8168	HMcMullen@leegov.com	P.O. Box 398 Fort Myers, FL 33902	Additional Contact
	Lee County Division of Natural Resources	Roland Ottolini	(239) 533-8127	rottolini@leegov.com	P.O. Box 398 Fort Myers, FL 33902	Additional Contact
City of Bonita Springs	Mayor	Ben Nelson, Jr.	(239) 993-4443	ben.nelson@cityofbonitasprings.org	9101 Bonita Beach Road SE Bonita Springs, FL 34135-4215	CEO
	Assistant City Manager	John Gucciardo	(239) 949-6262	john.gucciardo@cityofbonitasprings.org	9101 Bonita Beach Road SE Bonita Springs, FL 34135-4215	FPA
City of Cape Coral	Mayor	Marni Sawicki	(239) 574-0436/cell: 239-634-6766	msawicki@capecoral.net	P.O. Box 150027 Cape Coral, FL 33915-0027	CEO
	Community Development Director	Vincent Cautero	(239) 574-0566	vcautero@capecoral.net	P.O. Box 150027 Cape Coral, FL 33915-0027	FPA
	Planning Team Coordiantor	Richard Sosnowski	(239) 574-0587	rsosnows@capecoral.net	P.O. Box 150027 Cape Coral, FL 33915-0027	Additional Contact
City of Fort Myers	Mayor	Randy Henderson, Jr.	(239) 321-7020	mayorhenderson@cityftmyers.com	2200 Second Street Fort Myers, FL 33901	CEO
	Floodplain Manager	Brent Brewster	(239) 321-7918	bbrewster@cityftmyers.com	1825 Hendry Street #101 Fort Myers, FL 33901-3054	FPA
	Chief Building Official	Ben Bailey	(239) 321-7824	bbailey@cityftmyers.com	1825 Hendry Street #101 Fort Myers, FL 33901-3054	Additional Contact
Town of Fort Myers Beach	Mayor	Alan Mandel	(239) 765-0202 Ext. 121	alan@fortmyersbeachfl.gov	2523 Estero Boulevard Fort Myers Beach, FL 33931	CEO
	Floodplain Administrator and Planning Coordinator	Josh Overmyer	(239) 765-0202 Ext. 115	josh@fortmyersbeachfl.gov	2523 Estero Boulevard Fort Myers Beach, FL 33931	FPA
City of Sanibel	Mayor	Kevin Ruane	(239) 472-4135	sancouncil@mysanibel.com	800 Dunlop Road Sanibel, FL 33957	CEO
	Building Official	R. Harold Law, Jr. C.B.O.	(239) 472-3700 Ext. 330	harold.law@mysanibel.com	800 Dunlop Road Sanibel, FL 33957	FPA
	City Manager	Judith Zimomra	(239) 472-3700 Ext. 356	Judie.Zimomra@mysanibel.com	800 Dunlop Road Sanibel, FL 33957	Additional Contact
	Director of Public Works	Keith Williams, PE	(239) 472-3700 Ext. 507	Keith.Williams@mysanibel.com	800 Dunlop Road Sanibel, FL 33957	Additional Contact
	Planning Director	James Jordan	(239) 472-3700 Ext. 337	Jimmy.Jordan@mysanibel.com	800 Dunlop Road Sanibel, FL 33957	Additional Contact
	Planning Department	Benjamin Pople	(239) 472-4136	benjamin.pople@mysanibel.com	800 Dunlop Road Sanibel, FL 33957	Additional Contact

Community or Organization the Contact Represents	Contact Title/Department	Name	Phone	E-Mail	Mailing Address	Role
City of Sanibel	Engineer	Sandy Larsen	(239) 472-6397	sandy.larsen@mysanibel.com	800 Dunlop Road Sanibel, FL 33957	Additional Contact
Hendry County	Chairman of the Board of County Commissioners	Karson Turner	(863) 983-4101	bocc5@hendryfla.net	P.O. Box 1760 LaBelle, FL 33975-1760	CEO
	Building Official	Mark Lynch	(863) 675-5245	mlynch@hendryfla.net	P.O. Box 2340 LaBelle, FL 33975	FPA
	County Engineer	Kelly O'Nan	(863) 612-4727	konan@hendryfla.net	P.O. Box 1760 LaBelle, FL 33975	Additional Contact
City of LaBelle	Mayor	David Lyons	(863) 675-2872	mayor@citylabelle.com	P.O. Box 458 LaBelle, FL 33975-0458	CEO
	Superintendent, Public Works	Michael Boyle	(863) 675-2872	michaelboyle@citylabelle.com	481 W. Hickpochee Avenue LaBelle, FL 33935	FPA

CEO	Chief Executive Officer
CHNEP	Charlotte Harbor National Estuary Program
FDEM	Florida Division of Emergency Management
FPA	Floodplain Administrator
NFIP	National Flood Insurance Program
SFWMD	South Florida Water Management District
SWFRPC	Southwest Florida Regional Planning Council

Appendix G
Stakeholder Phone Logs and Notes

Community	Community Contact	First Round Calls – Week of February 18, 2014	Second Round Calls – Week of February 24, 2014
Lee County	Cecil Pendergrass	Spoke with Cecil Pendergrass. Emailed the Discovery Meeting invitation to Cecil.	Spoke with Joan LaGuardia. Larry Kiker is the new Chair (they switch out annually). Joan gave us Larry's phone number and email address.
Lee County	Robert Stewart	Left a voicemail.	Call forwarded to Genie who said to email Robert.
City of Bonita Springs	Ben Nelson, Jr.	Left a voicemail.	Left a voicemail.
City of Bonita Springs	John Gucciardo	Left a voicemail.	Spoke with John Gucciardo. John said they are working on the charter and questionnaire and will bring them to the Discovery Meeting at the latest.
City of Cape Coral	Ms. Marni Sawicki	Spoke with Pearl who gave us Marni Sawicki's cell number. Left a voicemail for Marni Sawicki.	Left a voicemail.
City of Cape Coral	Vincent Cautero	Spoke with Richard Sosnowski. Questionnaire was submitted via email. Reluctant to sign the charter; willing to share data and attend the meetings if they can. Attending March meeting. Have GIS department and do FPM-related GIS within their Planning Department. May sign charter after Discovery Meeting.	No call necessary.
City of Fort Myers	Randy Henderson, Jr.	Spoke with assistant, and the Mayor responded that he will attend the Discovery Meeting.	No call necessary.
City of Fort Myers	Brent Brewster	Charter was submitted via email. Attended the kickoff webinar. Emailed questionnaire to Brent.	Left a voicemail.
Town of Fort Myers Beach	Alan Mandel	Left a voicemail.	Left a voicemail.
Town of Fort Myers Beach	Josh Overmyer	Left a voicemail.	No call necessary.
City of Sanibel	Kevin Ruane	Spoke with Pamela Smith, City Clerk. She noted the information for the Discovery Meeting.	No call necessary.
City of Sanibel	R. Harold Law, Jr. C.B.O.	Spoke with Harold Law. Harold will attend the Discovery Meeting. Working on the charter and questionnaire and are hoping to get it to us by Feb 21. Attended the Kickoff Meeting.	No call necessary.
Hendry County	Mr. Karson Turner	Emailed the Discovery Meeting invitation to Brenda and the Commissioner.	Spoke with Mydajah Williams. Commissioner Turner will not attend, but County Administrator Chapman and an Engineer will attend. Mydajah gave us her phone number and email address.
Hendry County	Mark Lynch	Spoke with Michele Williams who asked us to send the charter and questionnaire electronically. Did not know if they attended the February meeting. Emailed the Discovery Meeting invitation, charter, and questionnaire to both Michele and Mark.	Spoke with Michele Williams again. She is not sure Mark can attend, but it is on the calendar. She will ask Mark if he can send someone in his behalf if he cannot attend.
City of LaBelle	David Lyons	Left a voicemail.	Left a message with the City Clerk.
City of LaBelle	Michael Boyle	Left a voicemail.	Left a voicemail.

Appendix H
Hurricane Occurrences

Additional Storm Data

The following major storm descriptions are from the Storm Events Database, which is maintained by NOAA's National Climatic Data Center and can be accessed at the following location: http://www.ncdc.noaa.gov/stormevents/.

Event	**Tropical Storm Gordon**
Begin Date	11/13/1994 at 8:00 a.m.
End Date	11/16/1994 at 4:00 p.m.
County/Area	Brevard, Broward, Charlotte, Clay, Collier, DeSoto, Flagler, Glades, Hendry, Indian River, Lake, Lee, Martin, Miami-Dade, Monroe, Orange, Osceola, Palm Beach, Polk, Putnam, Seminole, St. Johns, Volusia
Deaths	8
Injuries	43
Property Damage	$500,000
Crop Damage	$500,000
Remarks	Tropical Storm Gordon, after a serpentine track through the Caribbean Sea, began affecting south Florida on the 13th when located off the northeast coast of Cuba. Gordon moved slowly west northwest reaching the lower Florida Keys late on the 15th. On the 16th, Gordon turned northeast and accelerated, moving inland near Ft. Myers in the morning and exiting into the Atlantic just north of Vero Beach in the late afternoon. After becoming a hurricane off of the coast of North Carolina, then weakening to a tropical depression and moving south and west, Gordon moved ashore a second time just north of Melbourne on the 21st. Over land, the maximum sustained wind was measured at 53 mph at Virginia Key in east Dade County, and the minimum central pressure was 995 mb shortly after initial landfall near Ft. Myers. Gordon directly caused 8 fatalities and 43 injuries. Seven of the deaths were drownings, five in the Atlantic off of the southeast coast, and two when cars plunged into canals in Dade County. One death and 40 injuries resulted from a tornado in Brevard County, one of six tornados spun off by Gordon. There were three indirect deaths, one from a heart attack while pushing a car stalled in a flooded road, and two in traffic accidents. Gordon's total damage is estimated around $400 million. Agricultural interests suffered $275 million in losses, primarily from fresh-water flooding caused by widespread rainfalls totaling 6 to 16 inches. Vegetable and tropical fruit crops in south Florida were particularly hard hit. Inland flooding caused damage to buildings through both rising fresh-water and collapse of rain-loaded roofs. Especially hard hit was Volusia County where 1236 buildings (977 single family homes, 68 mobile homes and 139 multi-family buildings) reported flood damage, and losses were estimated at over $26 million. Public works suffered from the effects of both water and wind with damage to roadways, sewer facilities, utility lines and signs. Marine effects included several boat sinkings or groundings, including a 506-foot freighter which was beached off of Ft. Lauderdale. At least 37 people were rescued from sinking boats. One woman was rescued after being swept 1,000 yards off of a fishing pier in Boynton Beach. Atlantic beaches suffered moderate to locally severe erosion which undermined a few buildings. A number of sea walls and beach access walks were destroyed. Some coastal roads along the east coast were inundated by a storm surge, estimated to be a maximum of 1 to 2 feet along Miami Beach. Ecological damage included destruction of coral and artificial reefs along the southeast coast and the deaths of a number of deer in the Everglades due to freshwater flooding.

Event	**Hurricane Erin**
Begin Date	08/02/1995 at 1:00 a.m.
End Date	08/02/1995 at 10:00 p.m.
County/Area	Charlotte, Citrus, DeSoto, Lee, Hardee, Hernando, Highlands, Hillsborough, Levy, Manatee, Pasco, Pinellas, Polk, Sarasota, Sumter
Deaths	0
Injuries	1

Event	Hurricane Erin
Property Damage	$2 million
Crop Damage	$0
Remarks	Erin, a minimum Category 1 hurricane, moved onshore near Vero Beach, Florida, and then slowly weakened to tropical storm strength as it moved west northwest over Central Florida during the predawn hours. Erin continued to move rapidly west northwest across west Central Florida with the eye having moved offshore 35 miles north of Tampa around 9:00 a.m. EST. Erin slowly reintensified to minimal hurricane strength well after moving offshore of West Central Florida into the northeast Gulf of Mexico. In West Central Florida, maximum sustained winds of 35 knots occurred at Cedar Key in Levy county at 1:47 p.m. EST. A maximum Winds gust of 61 knots occurred at Lake Wales in Polk County at 3:15 a.m. EST. Tropical storm force winds gusts were frequently observed from the Tampa metro area north to Cedar Key through midday. Occasional wind gusts up to tropical storm strength extended as far south as Sarasota by the afternoon of the 2nd. The lowest sea level pressure reported in West Central Florida of 993.3 mb occurred at New Port Richey in Pasco county at 9:37 a.m. EST. The greatest rainfall occurred along and to the north of Erin's track. Twenty-four hour rainfall totals averaged between 2.5 and 3.5 inches from the Tampa metro area north to Levy County on the 2nd. Storm tide values in Pinellas, Hillsborough, and southwest Pasco Counties averaged 1 to 2 feet above mean sea level. Beach erosion was minor from Clearwater Beach north to Cedar Key. Minor to moderate flooding of local roadways was reported along the immediate coastal areas from Pinellas County north to Hernando County. In Citrus County, 5,000 residents were without power for up to 24 hours due to downed power lines from tropical storm force Winds. Also, the City Hall in Inverness of Citrus County sustained minor roof damage while a mobile home lost its roof in Floral City. In Hernando County, 6,000 residents were without power for up to 24 hours due to downed power lines from tropical storm force winds. Also, a mobile home in Brooksville was destroyed by a fallen tree. In Pasco County, two apartment complexes in Port Richey sustained moderate roof damage from tropical storm force winds. One injury occurred when a windblown tree fell through the roof of a single-story home in Lutz of Hillsborough County.

Event	Tropical Storm Jerry
Begin Date	08/23/1995 at 12:00 p.m.
End Date	08/25/1995 at 12:00 p.m.
County/Area	Inland Broward, Metro Broward, Coastal Collier, Inland Collier, Glades, Hendry, Inland Miami-Dade, Metro Miami-Dade, Mainland Monroe, Monroe/Upper Keys, Monroe/Middle Keys, Monroe/Lower Keys, Inland Palm Beach, Metro Palm Beach
Deaths	0
Injuries	0
Property Damage	$600,000
Crop Damage	$1 million
Remarks	No description given.

Event	Tropical Storm Jerry
Begin Date	08/23/1995 at 8:00 p.m.
End Date	08/25/1995 at 8:00 p.m.
County/Area	Charlotte, Citrus, DeSoto, Lee, Hardee, Hernando, Highlands, Hillsborough, Levy, Manatee, Pasco, Pinellas, Polk, Sarasota, Sumter
Deaths	0
Injuries	0
Property Damage	$4 million
Crop Damage	$15 million
Remarks	Tropical Storm Jerry moved onshore north of West Palm Beach around noon on August 23. Tropical Storm Jerry moved northwest across the state and began to affect Highlands and Polk Counties with gusts of 25 to 30 knots by the evening of the 23rd. Jerry continued northwest across West Central Florida with the center of circulation moving off the Citrus County

Event	Tropical Storm Jerry
	shoreline around noon of the 24th. Jerry remained stationary along the Citrus County shoreline through mid afternoon of the 24th before heading northwest into the Northeast Gulf of Mexico by late afternoon with no further intensification. The strongest winds reported over West Central Florida from Jerry was a 45 knot Winds gust in Sarasota associated with an outer rain band at 1:15 p.m. EST on the 25th. The lowest pressure reported with Jerry in West Central Florida was 1002.9 mb in Winter Haven of Polk county at 3:15 a.m. on the 24th. Although minimal rainfall occurred with the center of Jerry as it moved northwest across the Florida peninsula, significant rainfall from extreme outer rainbands of Jerry occurred over coastal areas of West Central and Southwest Florida on the 24th and 25th. Rainfall totals of 10 to 15 inches occurred from Ft. Myers in Lee County north to Tampa in Hillsborough County. Moderate to extensive flooding occurred in Lee County from Jerry's outer rain band on the 24th to 25th. Heavy flooding occurred in Charlotte County, minor to moderate flooding in Hillsborough County, and minor flooding in DeSoto County. Citrus crops in Lee County suffered $7.8 million in damage while citrus crops in Charlotte County incurred $7.2 million in damage from the Jerry's excessive rainfall. Storm tides averaged 1 to 1.5 feet above normal mean sea level in Pinellas, Hillsborough, Pasco, Hernando, Citrus and Levy Counties after Jerry moved offshore during the 24th and 25th. Beach erosion from Jerry was minor and occurred from Englewood Beach in Pinellas County to Cedar Key in Levy County.

Event	Hurricane Opal
Begin Date	10/04/1995 at 7:00 a.m.
End Date	10/05/1995 at 1:00 a.m.
County/Area	Charlotte, Citrus, DeSoto, Lee, Hardee, Hernando, Highlands, Hillsborough, Levy, Manatee, Pasco, Pinellas, Polk, Sarasota, Sumter
Deaths	0
Injuries	0
Property Damage	$571,000
Crop Damage	$0
Remarks	Hurricane Opal developed over the South Central Gulf of Mexico approximately 120 miles northwest of the Yucatan Peninsula. Opal underwent significant intensification as it moved rapidly northeast across the Gulf of Mexico before its center came ashore near Fort Walton Beach, Florida, in the early evening of the 4th. Although the center of Opal passed hundreds of miles to the west of the West Central and Southwest Florida shoreline, flooding storm surges and tropical storm force winds were observed in these areas that caused sporadic damage. Storm surges of 4 to 6 feet were observed in Levy and Hernando counties with surges of 2 to 4 feet common from Tampa Bay south to Port Charlotte. Minor flooding to homes and roads along the immediate shorelines or near the mouth of rivers emptying into the Gulf of Mexico occurred from Levy County south to Charlotte County. In Levy County, a total 10 homes received minor water damage from storm surge at Yankeetown and Cedar Key. Total damage estimated was $50 thousand in Levy County. In Citrus County, a couple of homes received minor water damage from storm surge along the Citrus River. Total damage estimated in Citrus County from storm surge was $1,000. In Hernando county, 75 structures near the shore, mainly porches and sheds received minor water damage from storm surge. Total damage estimated in Hernando County from storm surge was $60 thousand. In Pinellas County, a couple hundred homes and businesses received minor to moderate water damage from storm surge immediately along the intercoastal waterway from Sand Key south to St. Petersburg Beach. Total damage estimated from storm surge and wind in Pinellas County was $400 thousand. In Hillsborough County, 2- to 4-foot storm surge caused minor flooding to several homes immediately along Bayshore Drive and Davis Island near Downtown Tampa. Total damage estimated from storm surge and wind in Hillsborough County was $50 thousand. In Manatee County, up to five residences along the coast received minor flooding from storm surge. Total damage in Manatee County from storm surge estimated was $10 thousand. Tropical storm force winds of up to 40 mph were common along the West coast of Florida from Levy County to Sarasota County during the 4th. The strongest one minute gust recorded was 49 mph at the Sunshine Skyway Bridge in St

Event	Hurricane Opal
	Petersburg at 2:54 p.m. EST on the 4th. Nearly 5,000 residents in Pinellas and Pasco Counties were without power on the 4th due to numerous downed power lines from tropical storm force winds. The lowest pressure recorded in West Central Florida was 1001.6 mb at Brooksville (BKV) in Hernando County at 3:06 p.m. EST on the 4th. The greatest 24-hour rainfall immediately associated with Opal was 3.97 inches of rain recorded Tampa's International Airport on the 4th. Major beach erosion was reported along the beaches of Lee and Sarasota Counties, considerable beach erosion occurred in Pinellas County and minor erosion occurred in Manatee and Charlotte Counties.

Event	Tropical Storm Josephine
Begin Date	10/07/1996 at 8:00 a.m.
End Date	10/08/1996 at12:00 p.m.
County/Area	Charlotte, Citrus, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Lee, Levy, Pasco, Pinellas, Polk, Manatee, Sarasota, Sumter
Deaths	0
Injuries	1
Property Damage	$44.6 million
Crop Damage	$0
Remarks	Tropical Storm Josephine moved northeast across the Gulf of Mexico and brought low to moderate range tropical storm force winds to mainly coastal areas of West Central and Southwest Florida. Maximum sustained winds of 45 mph with gusts as high as 71 mph were observed at the Sunshine Skyway Bridge at the mouth of Tampa Bay. Tropical Storm Josephine moved onshore in the Big Bend area of Florida and caused storm surges of 8 to 9 feet at Cedar Key in Levy County shortly after midnight on the 8th. Storm surges of 4 to 6 feet were common from Citrus County south to the Tampa Bay metro area. Storm surges of 2 to 4 feet were common from Anna Maria Island in Manatee County south to Ft. Myers in Lee County. Minor to moderate beach erosion occurred along the Sarasota, Manatee, Pinellas, and Hillsborough County beaches. Total beach erosion costs were estimated at $2 million. Rain bands associated with Tropical Storm Josephine produced 4 to 6 inches of rain in less than 8 hours over parts of Southwest Florida. Flooding of homes and streets were observed from Bradenton south to Port Charlotte. Flooding from storm surges occurred along the entire West Florida coastline but was most pronounced in Pinellas County where nearly 1,400 dwellings were affected by floodwaters. Estimated damage from Tropical Storm Josephine in Pinellas county alone was over $25 million. Overall, nearly 3,600 homes from Levy county south along the West Florida coastline to Lee county were affected by floodwaters from Tropical Storm Josephine, mainly west of the U.S. 19 corridor. One injury was reported when a male youth broke a leg attempting to surf the storm surge along a Pinellas County beach.

Event	Hurricane Earl
Begin Date	09/02/1998 at 12:00 p.m.
End Date	09/03/1998 12:00 p.m.
County/Area	Charlotte, Citrus, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas, Polk, Sarasota, Sumter
Deaths	0
Injuries	2
Property Damage	$1.13 million
Crop Damage	$0
Remarks	Hurricane Earl moved northeast across the Gulf of Mexico and brought low end tropical storm force wind gusts from Cedar Key in Levy County south to Sarasota in Sarasota county. Damage from Hurricane Earl was considered minor. However, cumulative damage estimates, primarily tornadic, from 15 counties of West Central and Southwest Florida, yielded a value of $1.13 million. Storm total rainfall amounts were generally under 0.5 inch with a few isolated amounts around 3 inches. Beach erosion was generally minor. However, moderate to severe beach erosion was observed near Venice in Sarasota County. Street flooding 1 to 2 feet deep was

Event	Hurricane Earl
	reported along the immediate coastal roads of Sarasota, Manatee and Pinellas counties. Wind damage was minor. However, Hurricane Earl did spawn six tornadoes, one of which produced F2 damage and two minor injuries. Although the eye of Hurricane Earl moved onshore near Panama City in the panhandle of Northwest Florida, storm tide was experienced along the entire west coast of Florida.

COUNTY	DATE	STORM TIDE VALUE (MSL)	TIME (EST)
Levy	09/03	5 to 7 feet	0000-0600
Citrus	09/03	4 to 5 feet	0200-0800
Hernando	09/03	3 to 4.5 feet	0500-1000
Pasco	09/03	3 to 4.5 feet	0600-1000
Pinellas	09/03	3 to 4.5 feet	0700-1100
Hillsborough	09/03	3 to 4.5 feet	0700-1000
Manatee	09/03	3 to 4.5 feet	0700-1000
Sarasota	09/03	2 to 3 feet	0800-1100
Charlotte	09/03	2 to 3 feet	0800-1200
Lee	09/03	2 to 3 feet	0800-1200

09/03 Max Wind Gust: 48 mph - Skywarn Bridge, Pinellas Co. 1230EST
09/03 Lowest Pressure: 1001.9 mb - Cedar Key, Levy Co. 0200EST
09/03 Max Rainfall: 3.07 in - New Port Richey, Pasco Co. 0100-2100

Event	Hurricane Georges
Begin Date	09/25/1998 at12:00 a.m.
End Date	09/27/1998 at 7:00 a.m.
County/Area	Charlotte, Citrus, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas, Polk, Sarasota, Sumter
Deaths	0
Injuries	0
Property Damage	$250,000
Crop Damage	$0
Remarks	Hurricane Georges, a Cape Verde hurricane, moved through the Florida Straights then continued northwest across the central and northern Gulf of Mexico and brought low end tropical storm force wind gusts from Pasco County south to Lee County along the West Central Florida coastline. Damage from "Georges" was considered minor. However, cumulative damage estimates from 15 counties of West Central and Southwest Florida yielded a value around $.25 million. Storm total rainfall amounts were generally less than 1 inch with a few isolated amounts around 3 inches in De Soto County. Beach erosion was minor. Wind damage was minor. However, Georges did spawn six F0 tornadoes across West Central Florida. Although the eye of Hurricane Georges moved onshore near Mobile, Alabama, storm tide was experienced along the entire west coast of Florida.

COUNTY	DATE	STORM TIDE VALUE (MSL)	TIME (EST)
Levy	09/27	2 to 4 feet	0200-1000
Citrus	09/27	1 to 3 feet	0200-1000
Hernando	09/27	2 to 3 feet	1900-0300
Pasco	09/26-27	1 foot	1700-1900
Pinellas	09/26	2 to 3 feet	1500-2100
Hillsborough	09/26	2 to 3 feet	1600-2200
Manatee	09/26	3 feet	1500-2100
Sarasota	09/26	3 to 4 feet	0200-0500
Charlotte	09/27	4 to 5 feet	1100-0700

Event	Hurricane Georges
	Lee 09/26-27 2 to 3 feet 1100-0700 09/25 Max wind gust: 48 mph - Punta Gorda, Charlotte Co. 1316EST 09/25 Lowest pressure: 1007.7 mb - Ft Myers, Lee Co. 1153EST 09/25-09/27 Max rainfall: 3.02 in - Arcadia, De Soto Co. 0100-0100

Event	Tropical Storm Mitch
Begin Date	11/04/1998 at 8:00 a.m.
End Date	11/05/1998 at 6:00 p.m.
County/Area	Inland Broward, Metro Broward, Coastal Collier, Inland Collier, Glades, Hendry, Inland Miami-Dade, Metro Miami-Dade, Mainland Monroe, Monroe/Upper Keys, Monroe/Middle Keys, Monroe/Lower Keys, Inland Palm Beach, Metro Palm Beach
Deaths	2
Injuries	65
Property Damage	$30 million
Crop Damage	$20 million
Remarks	Tropical Storm Mitch, after devastating portions of central America as a hurricane then dissipating over land, reformed over the Bay of Campeche and moved northeast across the Yucatan Peninsula, the southeast Gulf of Mexico and into south Florida. Casualties in south Florida included two drownings in a fishing boat that capsized near the Dry Tortugas and about 65 injuries, most of them minor, in the upper Keys involving tornadoes. Losses are estimated at $50 million, including $20 million in crop damage. Much of the property damage was caused by the five tropical storm-spawned tornadoes, one of which reached a maximum intensity of F2, in the upper Keys. A total of 646 dwellings were damaged or destroyed in an area mainly from Islamorada to North Key Largo. Other tornadoes touched down in Broward, Palm Beach and Collier counties. Widespread rainfall totals across south Florida averaged 6 to 8 inches with local amounts of 13 inches. The storm surge was 2 to 4 feet in the Keys and along the southwest Florida coast and 1 to 2 feet along the southeast Florida coast which produced minor tidal flooding, beach erosion and damage to marine structures and vessels. The maximum officially measured sustained wind in south Florida was 52 knots (60 mph) with a peak wind gust of 57 knots (65 mph). The maximum sustained wind measured on land was 35 knots (40 mph) with a peak wind of 48 knots (55 mph) at Key West International Airport. About 55,000 customers lost commercial electrical power.

Event	Tropical Storm Mitch
Begin Date	11/04/1998 at 12:00 p.m.
End Date	11/05/1998 at 12:00 p.m.
County/Area	DeSoto, Hardee, Highlands, Hillsborough, Lee, Manatee, Pinellas, Polk, Sarasota
Deaths	0
Injuries	0
Property Damage	$20,000
Crop Damage	$0
Remarks	The remnants of Mitch made landfall between Ft. Myers and Naples around 7:00 a.m. EST on November 5th and rapidly moved northeast across South Florida to a position north of Jupiter by 10:00 a.m. EST on the 5th. Tropical Storm Mitch spread moderate to heavy rain, along with occasional low-end, tropical storm force wind gusts, across parts of Southwest and West Central Florida over a 24 hour period. The bulk of the heavy rain and tropical storm force wind occurred two to three hundred miles east of the track of Mitch. The heaviest rains occurred in Lee, Charlotte and De Soto counties where five to six inches of rain fell in less than 30 hours.

Event	Hurricane Floyd
Begin Date	09/14/1999 at 12:00 p.m.
End Date	09/14/1999 at 6:00 p.m.

Event	Hurricane Floyd
County/Area	Charlotte, Desoto, Hardee, Highlands, Hillsborough, Lee, Manatee, Polk, Sarasota
Deaths	0
Injuries	0
Property Damage	$20,000
Crop Damage	$0
Remarks	The outer rainbands of Hurricane Floyd moved parallel to the east coast of Florida and produced tropical storm force wind gusts primarily across interior counties within West Central Florida. A maximum wind gust of 58 mph was reported at Lakeland Linder Airport around 5:00 p.m. EST on the 14th. Tropical storm force wind gusts uprooted a few large trees and downed power lines in and around Lakeland in Polk County. One mobile home lost its roof from tropical storm force winds on Rock Ridge Road in Lakeland.

Event	Tropical Storm Harvey
Begin Date	09/20/1999 at 9:00 p.m.
End Date	09/21/1999 at 12:00 p.m.
County/Area	Charlotte, Citrus, DeSoto, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas, Sarasota
Deaths	0
Injuries	0
Property Damage	$100,000
Crop Damage	$0
Remarks	Remnants of Tropical Storm Harvey moved parallel along the West Central coast of Florida and produced near tropical storm force wind gusts from Tampa south to Ft. Myers during the late evening of the 20th through the early morning hours of the 21st. Maximum observed wind gust observed along the West Central Florida coast was 36 mph in Sarasota at 11:10 p.m. EST on the 20th. Tropical Storm Harvey produced storm surges of 1 to 2 feet from Levy south to Sarasota County and 2 to 3 feet along the coast of Charlotte and Lee Counties. The minimum pressure observed along the West Central Florida coast was 1003.1 mb. Twenty-four hour rainfall amounts were generally less than 1 inch with isolated amounts up to 2.5 inches. Greatest 24-hour rainfall observed along the West Central Florida coast was 2.41 inches at Page Field in Ft. Myers. Minor beach erosion occurred from Siesta Key in Sarasota County south across Manasota Key in Charlotte county and continued to Sanibel Island in Lee county. Several hundred feet of Blind Pass Road along the extreme southern tip of Siesta Key was washed away by high waves and flood waters.

Event	Hurricane Irene
Begin Date	10/15/1999 at 12:00 p.m.
End Date	10/16/1999 at 3:00 p.m.
County/Area	Charlotte, DeSoto, Hardee, Highlands, Lee, Polk
Deaths	0
Injuries	0
Property Damage	$0
Crop Damage	$0
Remarks	The westernmost bands of Hurricane Irene produced occasional tropical storm force wind gusts across the interior counties of central Florida during the evening of October 15th and early morning of the 16th with no reported fatalities, injuries or damage. Maximum wind gust observed was 42 mph from the northeast recorded at the automated surface observing site (ASOS) in Winter Haven of Polk County, Florida at 1533 EST on the 15th. Maximum 24 hour rainfall was .31 inches recorded at Page Field in Ft Myers of Lee County, Florida ending at 0800 EST on the 16th. Lowest sea-level pressure observed was 1000.0 mb at Regional Southwest Airport in Ft Myers of Lee County, Florida at 1917EST on the 15th.
Event	**Hurricane Gordon**
Begin Date	09/17/2000 at 3:30 a.m.
End Date	09/18/2000 at 4:00 a.m.

Event	Hurricane Irene
County/Area	Charlotte, Citrus, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas, Polk, Sarasota
Deaths	0
Injuries	0
Property Damage	$5.05 million
Crop Damage	$0
Remarks	Hurricane Gordon moved northeast across the eastern Gulf of Mexico and brought mainly 30 to 40 mph sustained winds and 50 to nearly 70 mph tropical storm force wind gusts to mainly coastal areas of Southwest and West Central Florida throughout the daylight hours of the 17th. Hurricane Gordon's ill-defined center made landfall near the Suwannee River around midnight of the 18th. Official, maximum sustained winds of 53 mph, with gusts as high as 68 mph, were observed at the C-MAN automated weather sensor at Cedar Key in Levy County prior to landfall near the mouth of the Suwannee River during the late evening of the 17th. Hurricane Gordon produced maximum storm tides above mean sea level of 2 to 4 feet from Lee north to Manatee County, 4 to 5.5 feet along the Pinellas and Hillsborough County coastlines, and 2 to 4 feet from Pasco north to Levy County on the 17th. Coastal flooding from storm surge was minimal from Lee County north to the Tampa metropolitan area. Near downtown Tampa, 1 foot of water covered the south and northern lanes of Bayshore Boulevard during midday on the 17th. Coastal flood waters between 1 and 2 feet covered coastal roads along Longboat Key in Manatee County and Siesta and Casey Keys in Sarasota County. In Pinellas County, nearly 1 foot of water covered coastal roads from St. Pete Beach to Clearwater. The Courtney Campbell Parkway, separating Pinellas and Hillsborough counties, was closed, due to storm surge flooding, from nearly 5 p.m. to 9 p.m. on the 17th. Beach erosion was minor from Lee north to Charlotte, moderate to severe along Sarasota and Manatee counties, minor to moderate over Manatee, Pinellas, Pasco, and Hernando Counties. At Bradenton Beach in Manatee County, nearly 100 feet of pristine beach, 5to 6 feet in depth, was stripped away by wave action from Hurricane Gordon. In Sarasota County, storm surge and wave action from Gordon caused nearly $1.1 million in beach erosion, while in Manatee County, beach erosion was estimated at $500 thousand. Inland flooding from rainfall occurred over low-lying and urban areas in mainly Lee, Charlotte, Sarasota, Manatee, Hardee, DeSoto, Highlands and southern Polk Counties (see flood entries). Eastern rain bands of Hurricane Gordon spawned at least five known tornadoes, two F1s and three F0s over Central and Southwest Florida (see tornado entries). Damage in Levy County was confined to roofs and toppled trees, mainly in the Cedar Key area, where a total of $100 thousand was estimated. Damage in Citrus County was confined to a few downed trees, power lines and snapped branches from Sulphur Springs south to Ozello mounting to less than $25 thousand. Damage in Hernando County was confined to ten homes that suffered floodwater damage along the coast along with a few toppled trees and downed power lines. Damage in Hernando County was estimated at $100 thousand. Damage in Pasco County was confined to 15 roof damaged villas, downed trees and damaged vehicles in the New Port Colony Villas subdivsion in New Port Richey estimated at $250 thousand. In Pinellas County, 51 single-family homes, 32 mobile homes, 27 multi-family homes and 24 businesses sustained minor wind or water damage. Estimated cost of the damage in Pinellas County was nearly $500 thousand. In Hillsborough County, 40 homes in low lying coastal areas from Ruskin to Gibsonton to Riverview, incurred flooding from storm surge. Also, several homes were damaged from wind toppled trees and large branches throughout Hillsborough County. Estimated cost of the damage in Hillsborough County was near $500 thousand. In Manatee County, 25 homes and businesses were flooded in Bradenton Beach and several homes incurred minor to moderate roof damage in Anna Maria. At Coquina Beach in Manatee County, 60 mph wind gusts, associated with an outer feeder band of Gordon, toppled life guard towers and destroyed an anemometer.

Event	Tropical Storm Gabrielle
Begin Date	09/13/2001 at 5:00 p.m.

End Date	09/14/2001 at 11:00 p.m.
County/Area	Coastal Collier, Hendry, Glades
Deaths	0
Injuries	0
Property Damage	$50,000
Crop Damage	$0
Remarks	Tropical storm Gabrielle formed in the eastern Gulf of Mexico from a trough of low pressure that had lingered over Florida since September 8. Gabrielle moved east northeast at 7 to 12 mph with the center crossing the Florida west coast near Venice at noon on September 14. The minimum central pressure in Collier County was 999.4 mb at Naples. Maximum winds in Collier County were at Everglades City with sustained winds of 44 knots and peak gusts of 61 knots. Storm surge values of 3 to 5 feet were observed along much of the Collier County coast which caused some coastal flooding and minor to moderate beach erosion. The estimate to repair the beach erosion is $3 million. Flooding by rainfall of 2 to 5 inches along with the storm surge damaged 60 to 70 residences and 12,500 customers lost electrical power.

Event	**Tropical Storm Gabrielle**
Begin Date	09/14/2001 at 3:00 a.m.
End Date	09/15/2001 at 7:00 a.m.
County/Area	Charlotte, Citrus, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas, Polk, Sarasota, Sumter
Deaths	0
Injuries	6
Property Damage	$16.9 million
Crop Damage	$0
Remarks	Tropical Storm Gabrielle began to affect the Southwest Florida coast during the pre-dawn hours of September 14 with sustained winds of 40 to 50 mph along the coasts of Sarasota, Manatee, Charlotte, and Lee Counties. By sunrise, high end tropical storm force wind gusts of 60 to 70 mph were common from the mouth of Tampa Bay south to Charlotte Harbor. Gabrielle continued to move northeast and made landfall, south of Venice, in Sarasota County, between 6:45 a.m. and 7:00 a.m. EST. The lowest sea level pressure observed with landfalling Garbrielle was 983.1 mb at the Venice C-MAN site at 7:00 a.m. EST. At the Venice C-MAN site, a maximum wind gust of 73 mph from the northwest was observed at 9:00 a.m. EST as feeder bands on the storms northwest side began to move over southern Sarasota county. Although storm total rainfall amounts of 5 to 7 inches from Gabrielle were common across Southwest and parts of West Central Florida, a maximum storm total rainfall amount of 11.65 inches was reported in Palmetto in Manatee County. Maximum storm tides observed were around 6 feet near the mouth of the Peace River in Charlotte Harbor shortly after sunrise. Total damage across the 15 county areas of Southwest and West Central Florida from Gabrielle was estimated to be nearly $17 million. Gabrielle continued to move northeast across the Florida peninsula and was centered over central Polk County by mid afternoon of the 14th. Winds across West central and Southwest Florida subsided to below tropical storm force by late afternoon. However, wrap around western outer bands of Gabrielle continued to bring a second brush of low end tropical storm force wind gusts to Citrus, Sumter, Hernando, Pasco, and Hillsborough Counties from 7:00 p.m. EST on September 14, through 3:00 a.m. EST on September 15. In Lee County, tropical storm wind gusts of 45 to 55 mph and flooding caused up to $5.7 million in damage. Most of the wind damage was caused to roof shingles, carports, and lanais, mainly in the Cape Coral area. Flooding caused major damage to nearly 100 homes and another 500 incurred minor flood damage, mainly due to storm tides of t3 to 4 feet along coastal areas from Ft. Myers Beach to Sanibel, Captiva, and Pine Islands from sunrise to 1:00 p.m. EST. In Charlotte County, tropical storm wind gusts of 55 to 65 mph were common from the barrier islands east into Charlotte Harbor where over $1 million in damage was estimated from wind and flooding. Most of the wind damage occurred to mobile home roofs, pool cages, and downed trees, from Englewood east to Punta Gorda. Flooding caused major damage to several homes along the north end of Gasparilla Island north to Englewood Beach. Also, flooding occurred in Charlotte

	Harbor and near the mouth of the Peace River due to mainly maximum storm tides of up to 6 feet around sunrise through late morning of the 14th. In Sarasota County, tropical storm wind gusts of 60 to 70+ mph were common along the barrier islands east to the Interstate 75 corridor. Over $2 million in damage was estimated primarily from wind. Several homes from Englewood north to Venice and Osprey incurred roof, lanai and carport damage. Hundreds of trees and power lines were also downed throughout Sarasota County by the high end tropical storm force winds. A maximum storm tide, estimated at 3 to 4 feet, caused beach erosion and home flooding along Manasota Key, between Englewood and Venice in Sarasota County, as Gabrielle made landfall shortly after sunrise. In Manatee County, tropical storm force northerly wind gusts of 60 to 70 mph were common along the barrier islands east to the Interstate 75 corridor. A 1- to 3-mile wide swath of numerous downed trees extended from Palmetto south across east Bradenton to near the Sarasota - Bradenton airport. Most of the trees were blown down from north to south across the county.

Event	**Hurricane Charley**
Begin Date	08/13/2004 at 12:00 a.m.
End Date	08/13/2004 at 11:30 p.m.
County/Area	Coastal Collier, Glades, Hendry
Deaths	0
Injuries	0
Property Damage	$2.58 million
Crop Damage	$0
Remarks	On August 12, Hurricane Charley, after moving through the northwest Caribbean Sea, turned north and accelerated cross the western end of Cuba, and just west of the lower Florida Keys. Early on August 13, the hurricane intensified to Category 4 status and turned to a north northeast direction before making landfall near Port Charlotte around 3 PM EDT. The first outer rainband, with wind gusts estimated up to 60 mph, impacted the south Florida Peninsula between midnight and 2 AM EDT In Collier County, a peak wind gust of 84 mph was measured at 2:50 PM EDT on the top of a condominium at Vanderbilt Beach before the equipment failed. The Naples ASOS equipment failed well before the maximum winds or minimum pressure occurred. Wind gusts at La Belle were estimated at 80 mph. Rainfall in most locations in Collier County was around two inches with an unofficial amount of 7.5 inches reported in North Naples. Radar rainfall estimates of locally 8 to 10 inches were made in North Naples. Flooding was mostly minimal. The highest Storm Tide along the southwest Florida Coast was estimated at three feet near Wiggins Pass with heights of one to two feet from Naples to Marco Island to Everglades City. Tidal flooding was minimal. Lake Okeechobee levels increased up to three feet above normal along the north and northeast shores. A long-track tornado moved through the open country of the Everglades in eastern Hendry County before doing minor damage to buildings in Clewiston. Hurricane wind damage was greatest in North Naples and Vanderbilt Beach with numerous power poles, trees and signs blown down, and a few roofs damaged. Damage also occurred to screened porches throughout the Naples-Marco Island metropolitan areas. Damage occurred to Gulf-side structures along most of the coastline but beach erosion was mostly minor. Four persons in Naples suffered minor injuries when their vehicle was touched by a downed power line during the storm. Three persons in Collier County died from indirect causes after the hurricane. An estimated 130,000 customers in Collier County lost power. About 2,500 people took refuge in six shelters. Damage in Hendry and Glades counties consisted mainly of downed trees, power lines and signs, with minor roof damage to several homes. An estimated 1000 customers lost electricity in Glades County.

Event	**Hurricane Charley**
Begin Date	08/13/2004 at 2:00 p.m.
End Date	08/13/2004 at 8:00 p.m.
County/Area	Charlotte, DeSoto, Lee, Manatee, Sarasota
Deaths	7
Injuries	780

Event	Hurricane Charley
Property Damage	$5.42 billion
Crop Damage	$285 million
Remarks	The collective effects of Hurricane Charley in southwest and west central Florida during August 13th resulted in 8 direct fatalities, 16 indirect fatalities, 792 injuries, eight tornadoes, an eight foot storm surge in Lee County, an estimated $11.2 billion in property damage (estimated to be about twice that of the insured damage), and $460 million in crop damage. The fast movement of Hurricane Charley limited rain fall totals to 4 to 6 inches along the track of the hurricane's eye wall. River flooding of one to three feet above flood stage was found on area rivers south of Interstate 4. Hurricane Charley, a powerful but compact Category 4 hurricane on the Saffir-Simpson Hurricane Scale, roared into Southwest Florida during the late afternoon of August 13th, then raced northeast through the central Florida peninsula, reaching the Atlantic Coast as a Category 1 hurricane near Daytona Beach in only seven hours. In all, 1.42 million people evacuated their homes in southwest and west central Florida because the forecasted path was parallel to the coast and Charley could have made land fall anywhere from Tampa to Fort Myers. Hurricane Charley made landfall just north of Captiva with sustained winds estimated at 145 mph. The winds damaged or destroyed thousands of homes, knocked down tens of thousands of trees, and took out power to more than 2 million Floridians. The most intense damage occurred in a band approximately 10 miles wide centered on the path of the eyewall. Additional damage was seen in a band approximately 35 miles wide centered on the path of the eyewall. Rainfall was limited to 3 to 5 inches in a 20 mile radius surrounding the center, and the areal extent of storm surge was limited by the lack of buildup of high seas as the storm raced northward. The center of Charley crossed the barrier islands of Cayo Costa and Gasparilla Island at 345 PM EDT, then moved up Charlotte Harbor before making landfall at Mangrove Point, just southwest of Punta Gorda, at 435 PM EDT. By 530 PM EDT, the center was 5 miles west of Arcadia (Desoto County); at 630 PM EDT, 1 mile west of Wauchula (Hardee County), and at 730 PM EDT, 4 miles west of Lake Wales (Polk County). At approximately 830 PM EDT, Charley had exited West Central Florida, and in 45 minutes slammed into Orlando International Airport. Charlotte County took the brunt of the destruction caused by Hurricane Charley. The airport in Punta Gorda recorded sustained winds of 87 mph with gusts to 112 mph before the wind equipment blew apart. Most of the buildings and airplanes at the airport were destroyed. An unofficial wind gust of 173 mph was reported from a tower on the Charlotte Regional Medical Center in Punta Gorda. Saint Joseph's Hospital in Port Charlotte lost its roof. No storm surge was reported but Charlotte Harbor reported a four foot drop in the water level. There were four direct fatalities that were a result of blunt force trauma from flying debris. The estimated 700 injuries were a result of additional trauma caused to the 450 patients that were evacuated from damaged hospitals. An estimated 250 people were treated by three different remote medical teams dispatched throughout the county. In Lee County, Hurricane Charley caused an estimated eight foot storm surge that cut a new pass 300 yards wide across North Captiva Island. The storm surge was estimated at 4 to 6 feet at Fort Myers Beach, Horseshoe Key, and Port Boca Grand. Two direct and two indirect deaths were blamed on this hurricane. Sustained winds of 61 mph with gusts to 78 mph were recorded at the Fort Myers Regional Southwest airport. A personal weather station in Fort Myers recorded a wind gust of 95 mph. The winds damaged or destroyed 41% of the homes in Cape Coral, ripped the roof off of the post office in Fort Myers, and lead to 1.9 millions cubic yards of debris in Lee County. There was one direct death attributed to the storm when a tree fell on a person outside.

Event	Hurricane Frances
Begin Date	09/04/2004 at 9:00 a.m.
End Date	09/05/2004 at 11:00 a.m.
County/Area	Metro Broward, Coastal Collier, Inland Collier, Glades, Hendry, Metro Miami-Dade, Inland Palm Beach, Metro Palm Beach
Deaths	0
Injuries	0

Event	Hurricane Frances
Property Damage	$621 million
Crop Damage	$90 million
Remarks	Hurricane Frances formed from a tropical depression in the deep tropical Atlantic on August 25 about 1400 miles east of the Lesser Antilles and reached hurricane strength on August 26. Frances became a Category 4 Hurricane on August 28 while about 700 miles east of the Lesser Antilles. Frances then moved generally west northwest and weakened to a Category 2 hurricane while crossing the northwest Bahamas. After stalling for about 12 hours on September 4 in the Florida Straits between Grand Bahama Island and the southeast Florida coast, the center of the nearly 70-mile diameter eye crossed the Florida coast near Sewalls Point, at 1 A.M. EDT, September 5, 2004 with the southern eyewall affecting the extreme northeast portion of Palm Beach County. Frances moved farther inland just north of Lake Okeechobee and weakened to a tropical storm before crossing the entire Florida Peninsula and exiting into the Gulf of Mexico just north of Tampa late on September 5. It made a second landfall as a tropical storm in the eastern Florida Panhandle. Sustained tropical storm-force winds likely occurred in all six south Florida counties. Although no sustained hurricane-force winds were officially observed in any of the six south Florida counties, an NWS instrument on the eastern shore of Lake Okeechobee at Port Mayaca, just across the Palm Beach County border, measured a sustained wind of 85 mph. At West Palm Beach International Airport the highest sustained wind was 64 mph with a peak gust of 82 mph and the lowest observed barometric pressure was 972 mb. A South Florida Water Management District instrument measured a peak wind gust of 92 mph over the eastern portion of Lake Okeechobee. The estimated peak wind gust in the Palm Beach metro area was 91 mph at Jupiter Inlet with a peak wind gust of 87 mph measured by a C-MAN station at Lake Worth Pier. In Glades County near the western shore of Lake Okeechobee the highest measured sustained wind was 60 mph with a peak gust of 90 mph. In Clewiston, a sustained wind of 60 mph with a gust of 80 mph was estimated. The highest measured sustained wind at Fort Lauderdale-Hollywood International Airport was 41 mph with a peak gust of 55 mph. In Miami-Dade County a maximum sustained wind of 62 mph with a peak gust of 78 mph was measured at the C-MAN station at Fowey Rocks Light with sustained winds of 42 mph and a peak gust of 59 mph at Miami International Airport. At the Naples Municipal Airport the ASOS measured a maximum sustained wind of 38 mph with a peak gust of 54 mph. A maximum storm-total rainfall amount of 13.56 inches was measured at West Palm Beach International Airport with 10.36 inches of that occurring in a 24-hour period. Unofficial storm-total rainfalls included 9.56 inches at Boynton Beach, 8 inches at Deerfield Beach and 7.18 inches at Hillsboro Canal. Widespread storm-total amounts of 3 to 5 inches occurred in southeast and interior south Florida with southwest Florida averaging 1 to 3 inches. Rainfall flooding was mostly minor except for a few locations in Palm Beach County which had up to 3 feet of standing water. A section of I-95 in Palm Beach County was closed due to a large sinkhole. The maximum storm surge was estimated to have ranged from 2 to 4 feet along the northeast Palm Beach Coast to 1 to 2 feet along the northeast Broward Coast. Within the confines of the Herbert Hoover Dike, water levels on Lake Okeechobee fluctuated up to 5 feet above and below normal. Coastal beach erosion was moderate in Palm Beach and portions of Broward counties and was minor in Miami-Dade and Collier counties. There were no confirmed tornadoes. There were no known direct deaths, but at least 9 people died in the aftermath. Six of these deaths occurred in Palm Beach County, mainly as the result of vehicle-related accidents or from drownings. Two vehicle-related deaths were reported in Broward County and one person died in Collier County while clearing debris.

Event	Hurricane Frances
Begin Date	09/05/2004 at 8:00 a.m.
End Date	09/06/2004 at 11:00 p.m.
County/Area	Charlotte, Citrus, DeSoto, Hernando, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas
Deaths	1
Injuries	0
Property Damage	$179.4 million

Event	Hurricane Frances
Crop Damage	$0
Remarks	Hurricane Frances made landfall just after midnight on September 5 near Vero Beach as a Category 2 storm. The hurricane continued to move slowly west northwestward across central Florida to near Bartow by 2 p.m., and just northeast of Tampa by 8 p.m., when it was downgraded to a tropical storm. It then emerged back into the Gulf of Mexico near Hudson shortly before midnight. Hurricane Frances took almost 24 hours to move through the Florida peninsula. Frances continued northwestward through the northern gulf of Mexico, making a second landfall on the afternoon of September 6 in the Florida big bend near Tallahassee as a tropical storm. In Lee County the observation at Big Carlos Pass recorded a gust to 51 knots (59 mph) from the west at 12:18 a.m. EST on September 5, 2004. One direct death was reported when an elderly man was blown over by a wind gust while walking his dog 10 feet outside of his home. He hit his head on the sidewalk and died from blunt force trauma. Fourteen homes were destroyed by the wind. In Sarasota and Manatee Counties, the maximum wind recorded at the Sarasota-Bradenton Airport was 46 knots (53 mph) from the northwest at 12:07 p.m. EST on September 5, 2004. In Charlotte County there was 1 foot of water in Downtown Punta Gorda due to a "back door" storm surge of 5 feet into Charlotte Harbor. Tarps on roofs from Hurricane Charley were blown off of many roofs during Hurricane Frances. The observation from the Punta Gorda Airport recorded a maximum wind of 50 knots (58 mph) from the southwest at 12:21 a.m. on September 6, 2004. In Hillsborough County most of the damage was a result of trees falling on homes, businesses, and power lines. Debris removal alone was $24 million (not included in damage estimate above). The observation from the Sunshine Skyway Bridge recorded 55 knots (63 mph) from the north at 9:18 a.m. EST on September 5, 2004. Two indirect deaths were reported. A man hit a pole while driving in the rain. Also, a Utility Repair Supervisor o was hit by a falling branch while removing tree debris. In Pasco County, there was major damage to 114 homes, minor damage to 782 homes, and 459 reports of flood damage. The observation from Anclote Key recorded a wind gust of 61 knots (70 mph) from the north late on the September 4, 2004. In Hernando County, there were numerous reports of flooded streets and homes. Other reports included trees on homes, shingles off roofs, mobile home and fascia damage, and pool enclosures with moderate damage. The observation from the Brooksville airport recorded a maximum wind of 47 knots (54 mph) from the north at 1:02 p.m. EST on September 5, 2004. In Citrus County, a wind instrument at the Crystal River Power Plant recorded a gust to 45 knots (52 mph) around 4:00 p.m. EST on September 6, 2004. In Levy County, the observation at Cedar Key recorded a gust to 51 knots (59 mph) from the south at 2:00 p.m. EST on September 6, 2004. The damage total listed was estimated by doubling the insured losses unless otherwise noted, accounting for uninsured losses and damage to the public infrastructure. Flood damage was included within these totals because it was not possible to extract the flood damage information from the available data.

Event	Hurricane Jeanne
Begin Date	09/25/2004 at 9:00 a.m.
End Date	09/26/2004 at 9:00 a.m.
County/Area	Metro Broward, Hendry, Glades, Metro Miami-Dade, Inland Palm Beach, Metro Palm Beach
Deaths	0
Injuries	0
Property Damage	$323 million
Crop Damage	$30 million
Remarks	Hurricane Jeanne formed from a tropical depression just east of the Leeward Islands on September 13. She moved across Puerto Rico and Hispaniola then turned north into the Atlantic and became a hurricane on September 20. Jeanne made a clockwise loop for three days in the Atlantic north of Hispaniola before moving west northwest. It strengthened to a Category 3 Hurricane while over the northwest Bahamas and then make landfall around 11 P.M., September 25 near the south end of Hutchinson Island, nearly coincident with the landfall point of Hurricane Frances nearly three week before. The 40-mile diameter eye was not quite as large as Frances, but the southern eyewall again affected northeast Palm Beach County. After landfall

Event	Hurricane Jeanne
	Jeanne initially moved along a track similar to Frances, just north of Lake Okeechobee as it weakened to a tropical storm then it turned to the northwest and moved over the northwest Florida Peninsula. Although slightly smaller and stronger then Hurricane Frances, winds and pressures over southeast Florida were remarkably similar to Frances. Unfortunately, the ASOS at West Palm Beach International Airport quit sending data during the height of the hurricane. Sustained tropical storm-force winds likely occurred over most of Palm Beach and northeast Glades counties and portions of Broward, Hendry and Collier counties. Although no sustained hurricane-force winds were officially observed in any of the six south Florida counties, portions of northern Palm Beach County mostly likely experienced them. A South Florida Water Management District (SFWMD) instrument in the Martin County portion of Lake Okeechobee measured a 15-minute sustained wind of 79 mph with a peak gust of 105 mph. In metropolitan Palm Beach the highest official sustained wind speed was 60 mph with a peak gust of 94 mph from the C-MAN station at Lake Worth Pier. An unofficial peak wind gust of 125 mph was measured in West Palm Beach at the Solid Waste Treatment Plant. In Glades County near the western shore of Lake Okeechobee the highest sustained wind measured at a SFWMD instrument was 68 mph with a peak gust of 94 mph. Near Clewiston the highest measured sustained wind was 31 mph with a peak wind gust of 72 mph from a SFWMD instrument. The highest measured sustained wind in Broward County was 46 mph with a peak wind gust of 67 mph from the ASOS site at Pompano Beach Airpark. At Fort Lauderdale-Hollywood International Airport the ASOS site measured a maximum sustained wind of 40 mph with a peak gust of 56 mph. In Miami-Dade County a maximum sustained wind of 49 mph with a peak gust of 59 mph was measured at the C-MAN station at Fowey Rocks Light with sustained winds of 26 mph and gusts to 36 mph at Miami International Airport ASOS. At the Naples Municipal Airport, the ASOS maximum sustained wind was measured at 33 mph with a peak gust of 45 mph. The lowest barometric pressure of 960.4 mb was measured at a SFWMD site in the Martin County portion of Lake Okeechobee. A SFWMD gage measured a maximum storm-total rainfall amount of 10.22 inches over the eastern portion of Lake Okeechobee. A SFWMD gage about four miles west of West Palm Beach International Airport measured 9.10 inches with 8.79 inches of that occurring in a 24-hour period. At Moore Haven, 5.99 inches of rain was measured. Widespread storm-total amounts of one to four inches occurred in most of southeast and interior south Florida with Miami-Dade County and Collier County averaging one half to one inch. Mostly minor rainfall flooding was observed except locally severe in Palm Beach Gardens, Jupiter and in the farmlands of western Palm Beach County. The estimated maximum storm surge ranged from two to four feet along the northeast Palm Beach Coast to one to two feet along the northeast Broward Coast. Within the confines of the Herbert Hoover Dike, water levels on Lake Okeechobee fluctuated up to seven feet above and below normal causing severe flooding.

Event	Hurricane Jeanne
Begin Date	09/25/2004 at 10:00 p.m.
End Date	09/27/2004 04:00 p.m.
County/Area	Charlotte, Citrus, DeSoto, Hernando, Hillsborough, Lee, Levy, Manatee, Pasco, Pinellas, Sarasota
Deaths	0
Injuries	0
Property Damage	$134.8 million
Crop Damage	$0
Remarks	Hurricane Jeanne followed the nearly the same path across Florida as Hurricane Frances 3 weeks earlier and was the unprecedented fourth hurricane to damage Florida during the 2004 hurricane season. The hurricane moved ashore along the east coast of Florida near Stuart late on September 25 with an eye 30 to 40 miles across. Jeanne took a course north of Lake Okeechobee and decreased to a tropical storm in eastern Polk County around 9:00 a.m. EDT on the 26th. The center of Jeanne curved north of Tampa Bay during the afternoon and traveled north along the coastal counties before exiting north through Levy County around 10:00 p.m. In

Event	Hurricane Jeanne
	Hillsborough County the observation from the Vandenburg airport recorded a maximum wind gust of 58 knots (67 mph) from the north at 8:58 a.m. EST on September 26, 2004. In Pasco County, the COMPS Fred Howard Park Coastal Station recorded a wind gust of 66 knots (76 mph) from the northwest at 12:54 p.m. EST on September 26, 2004. In Hernando County, the observation from the Brooksville airport recorded a maximum wind of 54 knots (62 mph) from the north at 11:26 a.m. EST on September 26, 2004. In Levy County, the observation from Cedar Key recorded a gust to 40 knots (46 mph) from the northeast at 5:00 p.m. EST on September 26, 2004. In Sarasota County the maximum wind recorded at the Sarasota-Bradenton Airport was 55 knots (63 mph) from the northwest at 10:04 a.m. EST on September 26, 2004. In Charlotte there was 1.5 feet of water in downtown Punta Gorda due to a "back door "storm surge of 5.5 feet into Charlotte Harbor. Tarps on roofs from Hurricane Charley were blown off of many roofs during Hurricane Jeanne. The observation from the Punta Gorda Airport recorded a maximum wind of 53 knots (61 MPH) from the west at 7:17 a.m. EST on September 26, 2004. In Lee County the Big Carlos Pass observation recorded a gust to 49 knots (56 mph) from the west southwest at 7:42 a.m. EST on September 26, 2004. The damage total was estimated by doubling the insured losses unless otherwise noted, accounting for uninsured losses and damage to the public infrastructure. Flood damage was included within these totals because it was not possible to extract the flood damage information from the available data.

Event	Hurricane Dennis
Begin Date	07/09/2005 at 5:44 a.m.
End Date	07/09/2005 11:00 p.m.
County/Area	Charlotte, Citrus, Hillsborough, Lee, Levy, Pinellas
Deaths	0
Injuries	0
Property Damage	$32,000
Crop Damage	$0
Remarks	Hurricane Dennis developed in the eastern Caribbean on the 5th and moved northwest and exited the northwest coast of Cuba early on the 9th. The center of Hurricane Dennis passed 220 miles east of Fort Myers Beach around 9:00 p.m. EDT on the 9th and passed 200 miles east of Cedar Key around 10 a.m. EDT on the 10th. Tropical storm force sustained winds of 39 mph or greater were intermittent within rain bands around Dennis. These bands produced seven tornadoes and one waterspout in southwest and west central Florida. No significant wind damage was reported. The maximum storm surge of 3 feet did not affect the area until Sunday the 10th around 4:00 a.m. EDT. The surge caused moderate beach erosion and destroyed up to 80 percent of the sea turtle nests. Seas were 5 to 7 feet with some waves up to 10 feet. Four to six inches of rain fell near Punta Gorda and Fort Myers but no significant flood damage was reported. In Lee County, maximum winds were estimated at 40 mph with gusts to 50 mph along Sanibel Island. No significant damage was reported. In Charlotte County, maximum winds at the Punta Gorda airport were measured at 40 MPH with gusts to 50 MPH. Three Cape Coral residents drowned around 11 p.m. EDT on the 10th when their Sports Utility Vehicle overturned into a ditch filled with rainwater near the intersection of Bermont Road (SR 74) and Ronco Road. The road was covered with 6 inches of water and caused the vehicle to hydroplane into a ditch where it flipped upside down. The victims were still wearing their seat belts when found. Two other vehicles hydroplaned into a ditch in the same area but they managed to get out of their vehicles without injury. In Sarasota and Manatee Counties, sustained winds remained 3 to 5 knots below tropical storm force. In Hillsborough County, a maximum wind gust of 55 mph was recorded in Temple Terrace from a home weather station 100 feet above the ground on a condominium. The gusty winds broke off a 1000-pound church steeple near Hyde Park in Tampa. In Pinellas County, maximum winds were recorded at 44 mph with gusts to 58 mph at the Saint Petersburg/Clearwater International Airport. There was one minor injury as a pickup drove off a downslope of the Howard Frankland Bridge about 1:00 p.m. Sunday as the driver overcompensated when a strong gust of wind pushed him into the left hand lane. In Pasco County, sustained winds remained 5 knots below tropical storm force. In Citrus County, winds

Event	Hurricane Dennis
	estimated at 40 mph with gusts to 55 mph 4 miles northeast of Crystal River downed several large trees and caused minor damage to a metal roof. The estimated damage was $1,500. In Levy County, Cedar Key recorded sustained winds of 40 mph with gusts to 46 mph. Damage of $500 thousand on Cedar Key was related to surge flooding and not wind damage. A spotter in Chiefland recorded wind gusts to 56 mph using his handheld anemometer.

Event	Hurricane Wilma
Begin Date	10/24/2005 at 5:00 a.m.
End Date	10/24/2005 at 11:00 p.m.
County/Area	Lee
Deaths	0
Injuries	0
Property Damage	$101 million
Crop Damage	$0
Remarks	Hurricane Wilma made landfall near Cape Romano in Collier County around daybreak on October 24th as a Category 3 hurricane with a 60 mile wide eye wall. Wilma then raced across far southern Florida in five hours and exited into the Atlantic just north of Palm Beach as a Category 2 hurricane. Wilma produced widespread heavy rains of 4 to 8 inches across the area but unseasonably dry conditions prior to Wilma limited flooding. Storm surge was not a problem in the Fort Myers area as winds were offshore. In Lee County...The north part of Hurricane Wilma's eye wall passed along the Lee/Collier county border. Southern Lee County received widespread minor to isolated moderate damage. A peak wind gust of 87 MPH was reported at the C-MAN station at Big Carlos Pass at 654 AM EDT. The Regional Southwest airport recorded a peak wind from the north of 79 MPH at 828 AM EDT and Page Field recorded a peak wind of 76 MPH at 812 AM EDT. An estimated 17,000 claims were made to the insurance industry and $101 million in insured and uninsured damage was reported to numerous mobile homes, aluminum-sided structures, pool cages, shingles, and thousands of fallen trees, some onto residences and vehicles. Farther north, problems were much less notable with minor damage to poorly constructed structures and mobile homes, and scattered tree, limb, and power line damage. The debris totaled about 200,000 cubic yards, or about 1/10 of the debris left by Hurricane Charley in 2004. Power was out to about 208,000 customers at the peak of the storm.

Event	Tropical Storm Ernesto
Begin Date	08/29/2006 at 12:00 p.m.
End Date	08/30/2006 at 11:00 p.m.
County/Area	Inland Broward, Metro Broward, Coastal Collier, Inland Collier, Glades, Hendry, Inland Miami-Dade, Metro Miami-Dade, Inland Palm Beach, Metro Palm Beach
Deaths	0
Injuries	0
Property Damage	$0
Crop Damage	$0
Remarks	Tropical Storm Ernesto moved across the Straits of Florida during the morning and early afternoon hours of August 29th, making landfall in the Upper Florida Keys around sunset, with a second landfall over far southwestern Miami-Dade County around midnight on the 30th. Ernesto moved north-northwest over the Everglades of South Florida during the overnight and morning hours of the 30th, then turned north and northeast over eastern sections of Hendry County during the midday, and passing over western portions of Lake Okeechobee during the early afternoon hours of the 30th. Ernesto is characterized as a minor tropical storm with little overall impact on South Florida, and no direct casualties were noted. There were two indirect deaths in Miami-Dade and Broward counties resulting from vehicle accidents. Maximum observed sustained winds were 42 knots (48 mph) at the C-MAN station in Fowey Rocks, with a peak gust of 50 knots (58 mph). Due to the higher than standard anemometer height at Fowey Rocks, a reduction to standard 10-meter elevation yielded a highest sustained wind of 37 knots

Event	Tropical Storm Ernesto
	(43 mph). Tropical storm force winds were confined to coastal sections along the Atlantic coast, as well as over Lake Okeechobee where South Florida Water Management District platforms LZ40 and L005 recorded maximum sustained winds of 35 and 34 knots (40 and 39 mph) respectively. Platform L005 recorded a peak gust of 51 knots (59 mph). The lowest sea-level pressure observed was 1004 mb in Opa-Locka, although estimated lowest pressures on Lake Okeechobee were 1003 mb. Coastal storm tides of around 1 foot above astronomical tide levels were observed on both Atlantic and Gulf coasts, with no beach erosion reported. Rainfall was heaviest over interior sections of South Florida, primarily over the Big Cypress National Preserve of Collier County where 48-hour storm total amounts ranged between 7 and 8 inches. Other rainfall amounts in excess of 5 inches were observed over the rest of interior South Florida including the areas around Lake Okeechobee. These rains caused the Fisheating Creek to overflow its banks at Palmdale in Glades County, and also resulted in some evacuation of homes. Flooding also occurred in portions of Collier County, especially near Golden Gate Estates and Immokalee, with no damage to structures reported.

Event	Tropical Storm Fay
Begin Date	08/18/2008 at 3:00 p.m.
End Date	08/19/2008 at 7:00 p.m.
County/Area	Hendry, Coastal Palm Beach, Inland Palm Beach, Mainland Palm Beach
Deaths	0
Injuries	0
Property Damage	$15,000
Crop Damage	$0
Remarks	The center of Tropical Storm Fay moved across Key West early in the evening of the 18th and into the mainland of South Florida at Cape Romano shortly before 5 AM on the 19th. Minimum central pressure was 989 MB at landfall, but continued to decrease after landfall to 986 MB at Moore Haven on the southwest shore of Lake Okeechobee. Maximum sustained winds were estimated to be around 52 knots (60 MPH) at landfall, however as the storm tracked across the western Everglades and Southwest Florida the radar presentation continued to organize and winds increased to around 56 knots (65 MPH) around Moore Haven. A maximum wind gust of 69 knots (79 MPH) was recorded on a South Florida Water Management gauge on Lake Okeechobee as the storm passed. Wind gusts to tropical storm force were felt area-wide, with sustained tropical storm force winds experienced over portions of Mainland Monroe, Collier, Hendry and Glades counties as well as the immediate coastal sections of Miami-Dade, Broward and Palm Beach counties. Wind damage was most significant in the areas affected by tropical storm force sustained winds, primarily around Lake Okeechobee and interior sections of southwest Florida, with only minor wind damage elsewhere. A maximum rainfall total of 16.17 inches was reported with this event at Moore Haven in Glades County. Flooding from these rains produced total damage estimates of $380,000, primarily in Glades and Hendry counties. Rainfall elsewhere ranged from 3-6 inches in southeast Florida, and 6-8 inches in southwest Florida, with isolated amounts up to 10 inches in coastal Palm Beach County. The height of the storm tide was around 5 feet in the Everglades City and Chokoloskee areas with total damage from the surge estimated at $60,000. Minimal storm surge was noted elsewhere. All the associated effects of Tropical Storm Fay in South Florida resulted in 1 fatality, 4 injuries, and $3.949 million in property damage. Two tornadoes produced $1.25 million in damage, but no injuries or fatalities were reported. The one fatality and 3 of the injuries were indirectly caused by Fay with a traffic accident in Palm Beach County. The direct injury occurred when a kite surfer on Fort Lauderdale Beach lost control during a squall and was slammed into a building along A1A. EPISODE NARRATIVE: Tropical Storm Fay affected South Florida on the 18th and 19th of August. The storm made landfall early in the morning of the 19th near Cape Romano, and moved over inland sections of South Florida during the morning and afternoon hours of the 19th, exiting the area near Lake Okeechobee. Fay caused tropical storm force winds, significant rainfall flooding in some areas, as well as two confirmed tornadoes.

Event	**Tropical Storm Fay**
Begin Date	08/19/2008 at 4:00 a.m.
End Date	08/19/2008 at 2:00 p.m.
County/Area	Lee
Deaths	0
Injuries	0
Property Damage	$250,000
Crop Damage	$0
Remarks	Tropical Storm Fay made its first of four Florida landfalls at Key West shortly before 5 PM on Monday, August 18th. Maximum sustained winds were 60 mph and the minimum pressure was 998 MB. Fay made its first peninsular landfall at Cape Romano shortly before 5 AM on Tuesday, August 19th with maximum sustained winds of 60 mph and lowest pressure of 989 MB. The center of the storm moved over the southeastern corner of Highlands County then northeast into the Atlantic where it stalled on the 20th offshore of Daytona Beach. Fay began to move slowly northwest on the 21st with the center reaching the Levy/Gilchrist county line late Friday morning on August 22nd. Fay moved into the Gulf of Mexico late in the evening then made a fourth Florida landfall early Saturday morning the 23rd in the Pan Handle. Tropical Storm Fay caused $1.44 million in damage to west central and southwest Florida. Flooding caused $970,000 to roads and homes, while wind caused $470,000 in mostly minor damage to numerous homes, especially in Lee County. The flood and tornado monetary damage were listed in their respective Storm Data categories. Lee County: Heavy rains of 6-14 inches caused extensive sheet flow flooding from the Imperial River that runs through Bonita Springs. Flood damage was reported to numerous roads and homes with 500 residents evacuated to shelters. The preliminary damage estimates included $250,000 of flood damage to roads and $500,000 of flood and wind damage to homes with 170 manufactured homes condemned. Many of these homes had unpermitted modifications to increase their size. These modifications were destroyed leaving gaping holes in the home. Minor beach erosion was reported. The tide was 2 feet below normal as Fay made landfall then was 1 to 2 feet above normal for two days due to onshore winds. Charlotte County: The Punta Gorda Airport recorded a peak wind of 47 MPH at 10:13 AM EDT on the 19th. Minor beach erosion occurred but no other significant damage was reported. Highlands County: A 54-year-old male died on August 16th from carbon monoxide poisoning as he tested his backup generator in his garage in Lake Placid. This was considered an indirect fatality due to Fay. Widespread heavy rains of 5-12 inches caused $150,000 in flood damage to washed out roads and culverts. Prefabrication metal buildings sustained wind damage that allowed rain into the buildings of three fire stations and several buildings of an electric coop with water damage estimated at $175,000. Five homes along Arbuckle Creek received flood damage totaling $70,000. DeSoto County: Radar estimated precipitation showed widespread 6-10 inches in the eastern part of the county and 3-6 inches in the western part. A peak wind gust around 45 MPH was recorded at the Emergency Operations Center in Arcadia after Fay had passed to the east. No significant wind or flooding damage was reported in the county. Hardee County: A wind gust of 42 MPH was recorded at the Emergency Operations Center in Wauchula on the backside of Fay. A doublewide mobile home in Zolfo Springs lost half of its roof and received water damage. Polk County: Widespread six to eight inches of rain fell in the eastern third of the county. Radar estimated rainfall of 14 inches caused overland flooding just south of the intersection of Highway 60 and the Kissimmee River. Seven homes received up to 3 feet of water that caused $250,000 in damage. Sumter County: Widespread heavy rain of 6-8 inches was reported along the north county line. The peak wind gust at the airport at The Villages was 46 MPH at on the 22nd at 4:45 PM EDT. No significant flood or wind damage was reported. Sporadic tree damage brought down several power lines and poles with an estimated damage of $20,000. Hernando County: A peak wind gust of 47 MPH was recorded at the Homosassa COMPS station at 8:30 AM and a peak wind gust of 40 MPH was recorded.

Appendix I
Future Land Use

Figure1. Future Land Use Map

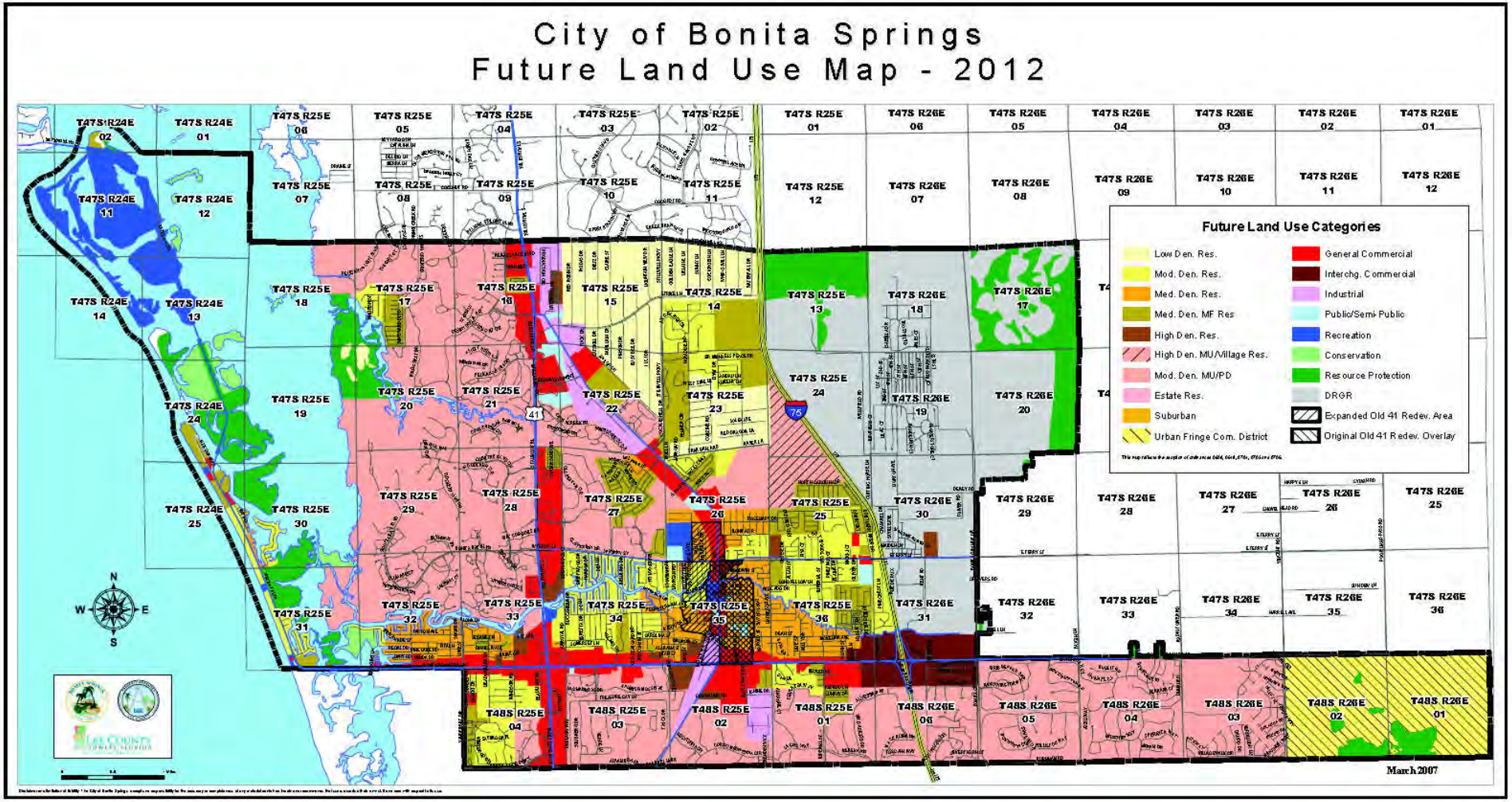
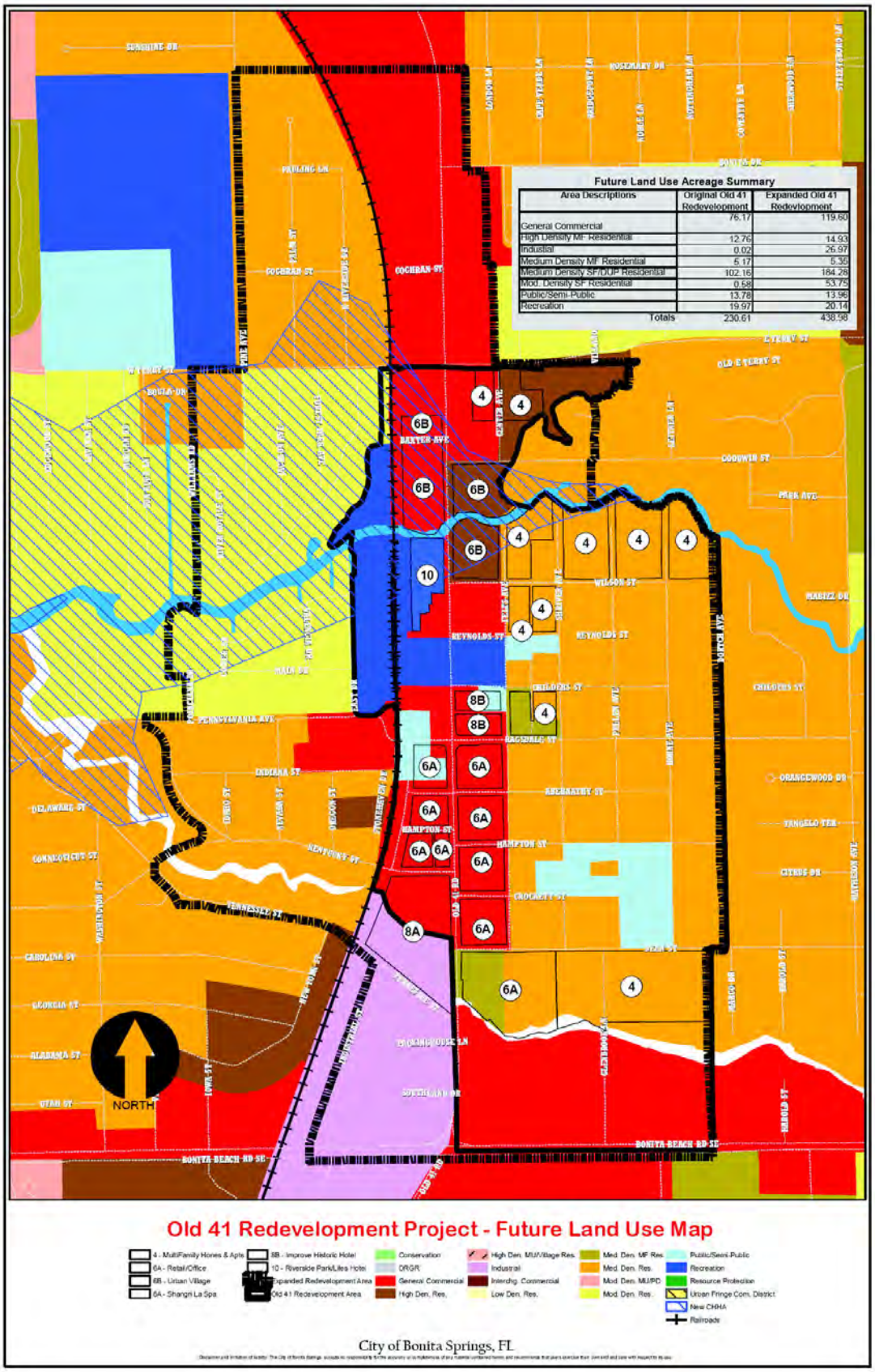
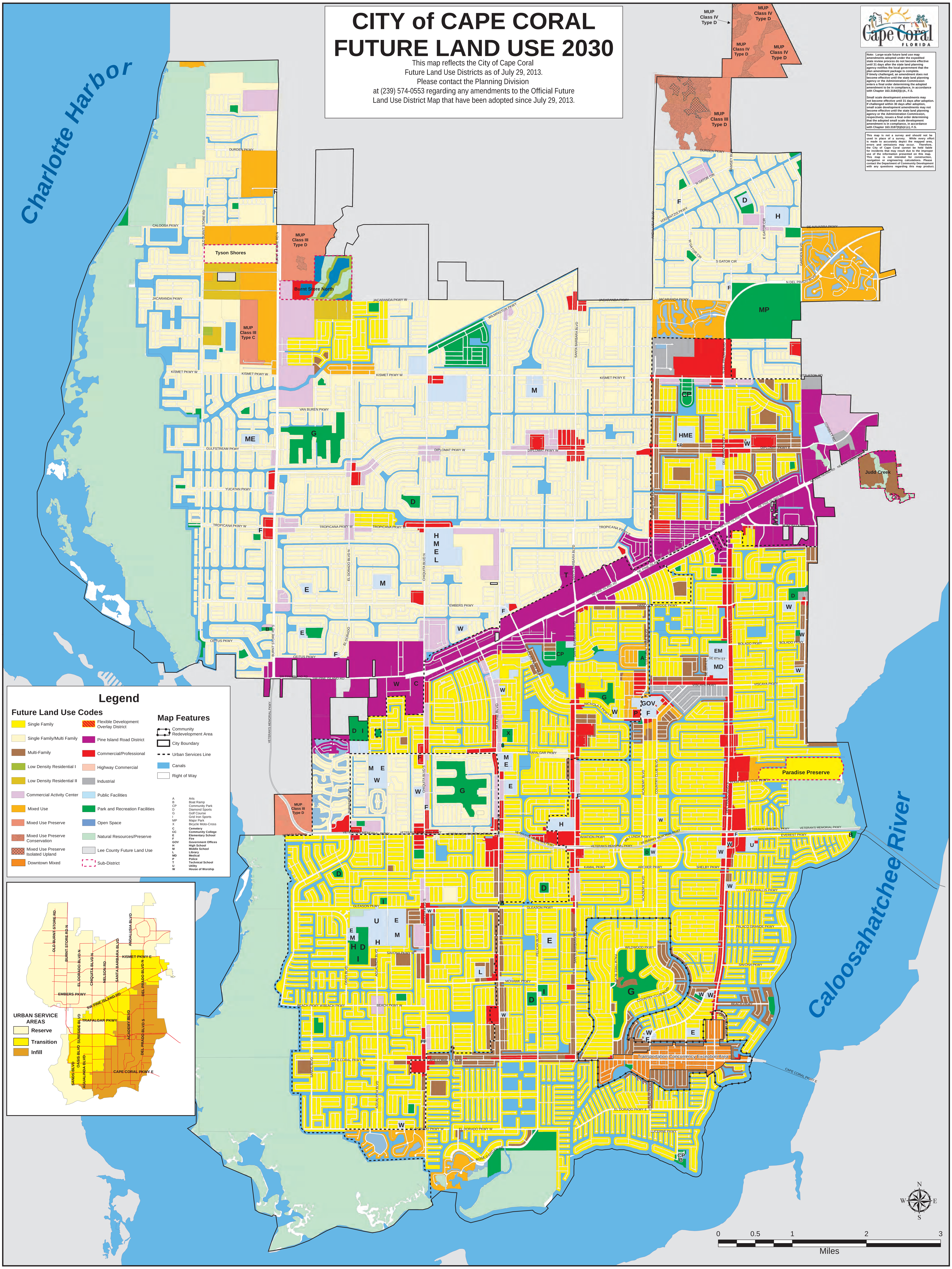


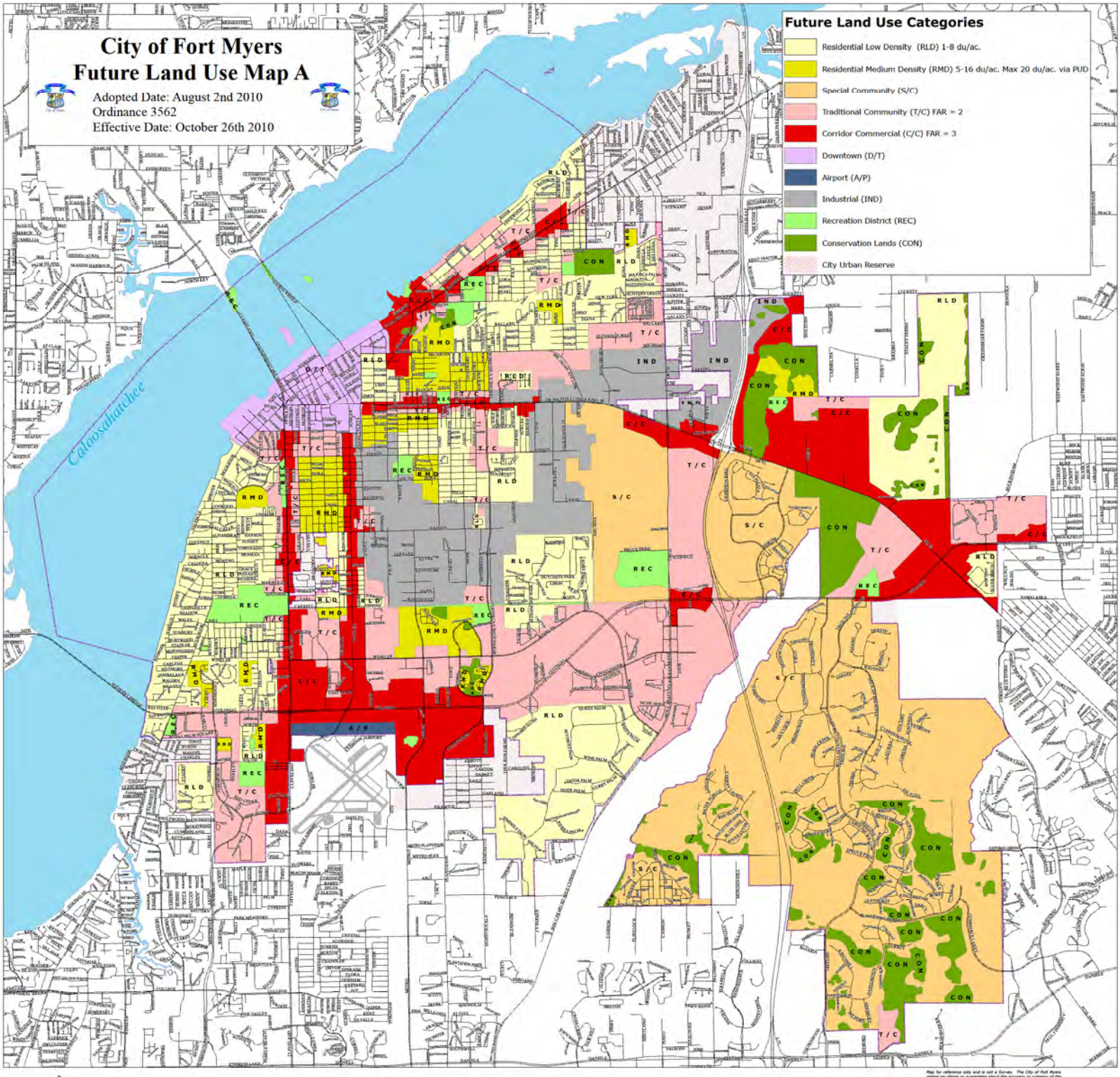
Figure 10
Adopted on December 6, 2006
Ordinance No. 06-18

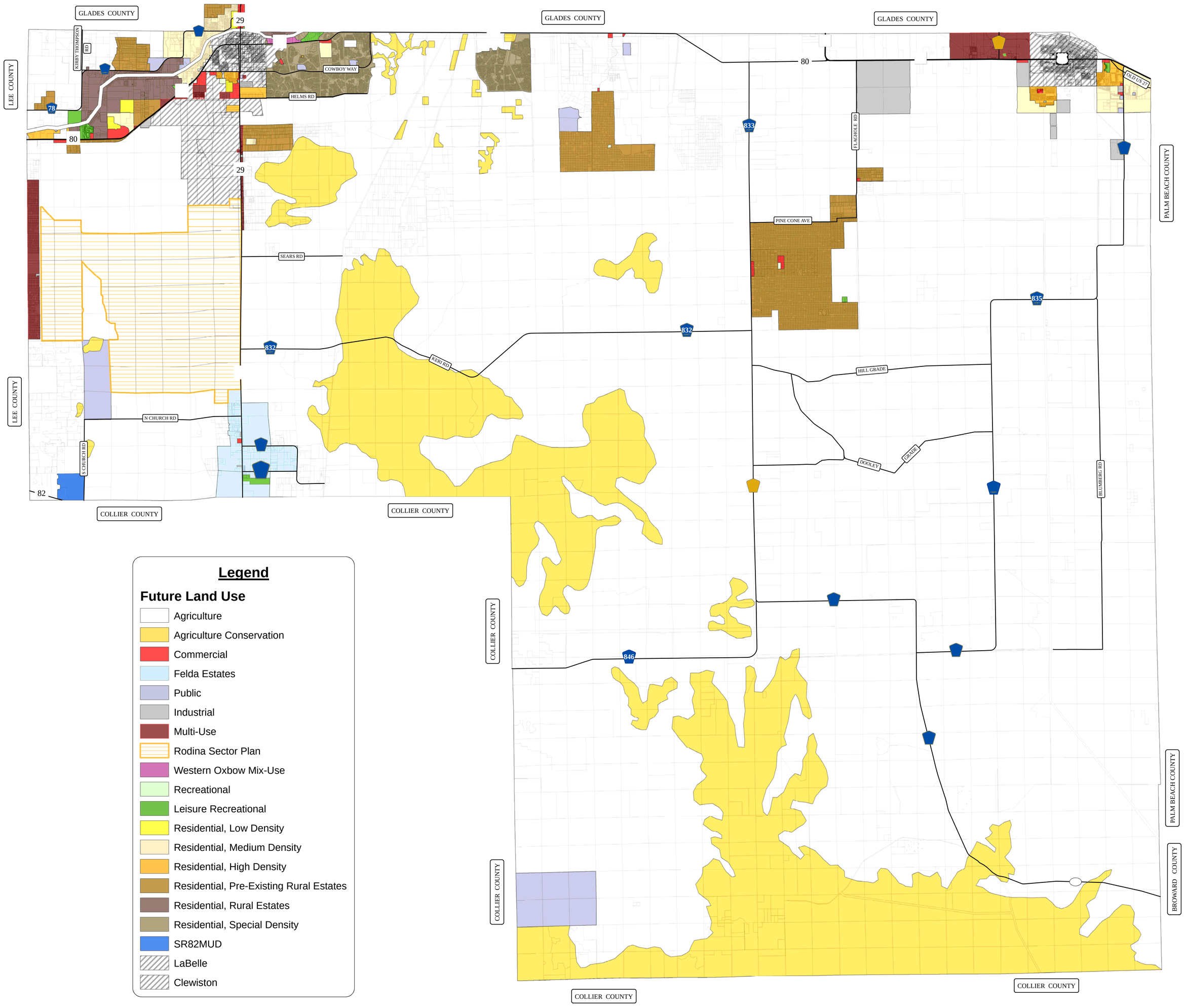


CITY of CAPE CORAL FUTURE LAND USE 2030

This map reflects the City of Cape Coral Future Land Use Districts as of July 29, 2013. Please contact the Planning Division at (239) 574-0553 regarding any amendments to the Official Future Land Use District Map that have been adopted since July 29, 2013.




City of Fort Myers
Future Land Use Map A
Adopted Date: August 2nd 2010
Ordinance 3562
Effective Date: October 26th 2010
Future Land Use Categories
Residential Low Density (RLD) 1-8 du/ac.
Residential Medium Density (RMD) 5-16 du/ac. Max 20 du/ac. via PUD
Special Community (S/C)
Traditional Community (T/C) FAR = 2
Corridor Commercial (C/C) FAR = 3
Downtown (D/T)
Airport (A/P)
Industrial (IND)
Recreation District (REC)
Conservation Lands (CON)
City Urban Reserve
Caloosahatchee
0 0.5 1 1.5 2
Miles

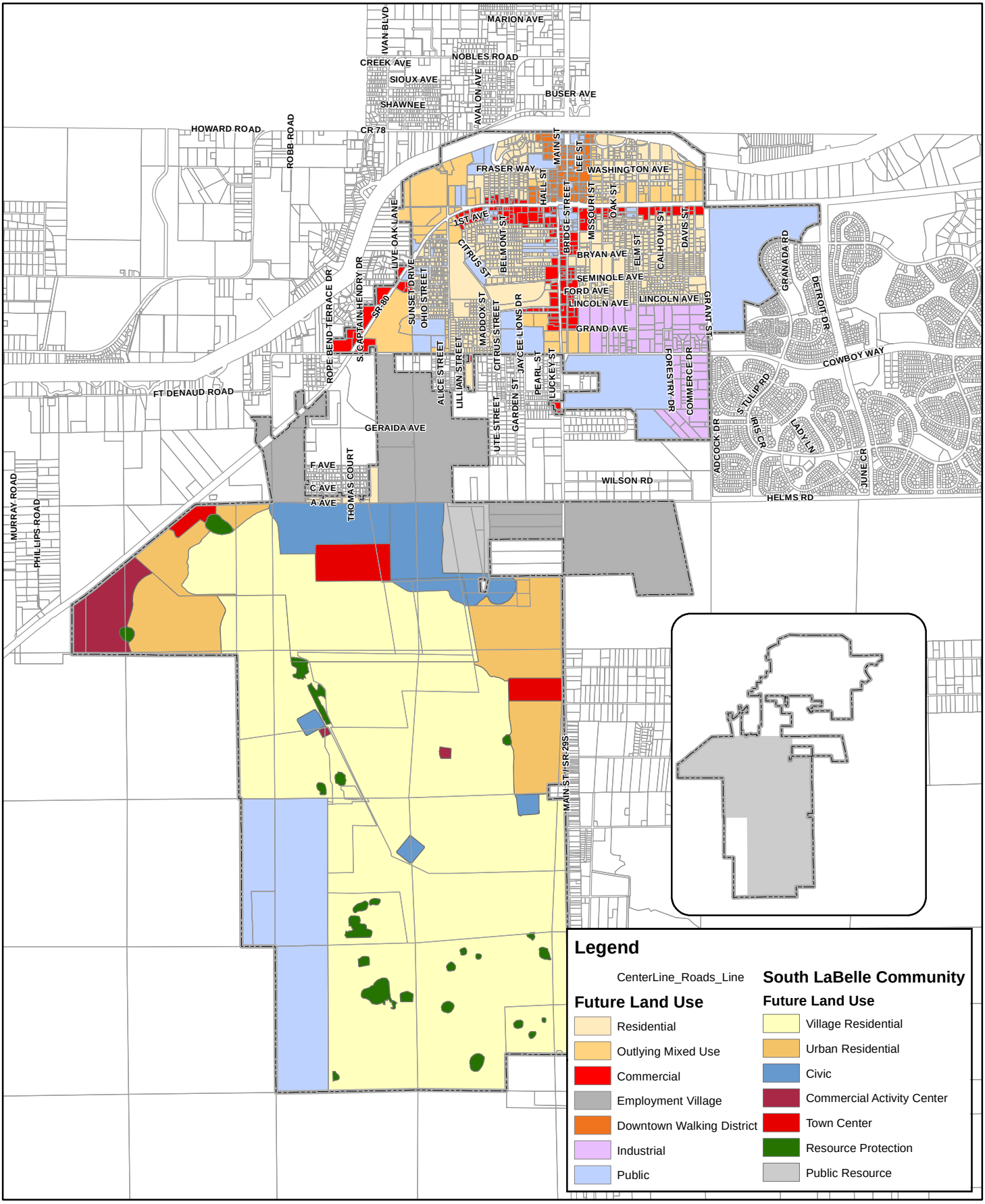


Legend

Future Land Use

- Agriculture
- Agriculture Conservation
- Commercial
- Felda Estates
- Public
- Industrial
- Multi-Use
- Rodina Sector Plan
- Western Oxbow Mix-Use
- Recreational
- Leisure Recreational
- Residential, Low Density
- Residential, Medium Density
- Residential, High Density
- Residential, Pre-Existing Rural Estates
- Residential, Rural Estates
- Residential, Special Density
- SR82MUD
- LaBelle
- Clewiston

FLU DISTRICT Map.PDF	THIS MAP HAS BEEN COMPILED FROM THE MOST AUTHENTIC INFORMATION AVAILABLE AND THE HENDRY COUNTY GIS DEPARTMENT DOES NOT ASSUME REPONSIBILITY FOR ERRORS OR OMISSIONS CONTAINED HEREON	HENDRY COUNTY GIS DEPARTMENT STEVEN L. McCORMICK, COORDINATOR	FUTURE LAND USE	N W E S OCTOBER 30, 2013



City Of LaBelle Future Land Use Map

Adopted September 2011

Map 1

FUTURE LAND USE MAP

1. This map is a general representation of the Future Land Use Map as adopted by the Board of County Commissioners On: September 17, 1990

Revised By:

ADOPTING ORDINANCE	DATE OF ADOPTION	EFFECTIVE DATE
89-02	1/31/1989	3/1/1989
90-09	3/7/1990	3/14/1990
90-43	9/6/1990	9/17/1990
90-44	9/12/1990	9/17/1990
91-10	1/8/1991	4/10/1991
91-19	7/9/1991	7/18/1991
92-35	9/7/1992	9/16/1992
92-41	9/15/1992	9/21/1992
92-47	10/27/1992	11/9/1992
92-48	10/27/1992	11/9/1992
92-51	12/9/1992	12/21/1992
93-05	2/22/1993	2/26/1993
93-25	5/20/1993	1/24/1994
94-23	8/29/1994	11/14/1994
94-29	10/26/1994	1/9/1995
94-30	11/1/1994	7/26/1996
95-27	12/20/1995	1/20/1996
96-18	10/21/1996	11/2/1996
97-05	3/5/1997	4/2/1997
97-17	6/26/1997	9/30/1997
97-13	6/24/1997	7/25/1997
97-22	11/25/1997	12/26/1997
98-02	1/13/1998	3/13/1998
98-09	5/3/1998	7/30/1998
99-03	4/13/1999	2/4/2000
98-26	11/24/1998	12/25/1998
99-15	11/22/1999	1/19/2000
99-16	11/22/1999	1/19/2000
99-17	11/22/1999	1/19/2000
99-18	11/22/1999	1/19/2000
99-19	11/22/1999	12/23/1999
00-08	5/4/2000	8/26/2000
00-16	8/8/2000	9/8/2000
00-22	11/1/2000	12/28/2000
01-24	12/13/2001	1/13/2002
02-02, 03, 04, 05, 06	3/10/2002	3/27/2002
02-29	12/21/2002	1/9/2003
03-01, 02, 03, 04, 05, 06, 07	1/9/2003	4/1/2003
03-12	5/6/2003	6/6/2003
03-19, 03-20, 03-21	10/29/2003	1/21/2004
03-26	12/15/2003	3/12/2004
04-14	9/20/2004	12/7/2004
04-15	9/22/2004	10/22/2004
05-19, 05-21	10/12/2005	01/09/2006
05-20	10/12/2005	11/15/2006
07-07	4/24/2007	5/24/2007
07-06	4/24/2007	5/24/2007
07-09 thru 07-18	5/16/2007	8/13/2007
08-04	3/11/2008	4/11/2008
08-05	3/11/2008	4/11/2008
09-08 thru 09-17	3/25/2009	5/15/2009
10-10, 11, 12, 18	3/3/2010	8/4/2010
10-19	3/3/2010	10/19/2011 partial
10-27	6/16/2010	7/16/2010
10-34 thru 10-39	10/20/2010	1/5/2011
10-33	10/18/2010	1/11/2011
10-40	10/20/2010	3/14/2011
11-15, 11-17	9/28/2011	11/11/2011
14-14	6/18/2014	7/19/2014

2. Please see the Lee Plan for additional information regarding special restrictions, overlays, or allowances in addition to the requirements of the land use categories.

3. The Planning Communities Map and Acreage Allocation Table (see Map 16 and Table 1(b) and Po icies 1.1.1 and 2.2.2) depicts the proposed distribution, extent, and location of generalized land uses for the year 2030. Acreage totals are provided for land in each Planning Community in unincorporated Lee County.

Lee County
Southwest Florida

N W E S

1 0.5 0 1 2 3 4
Miles

Map Generated: July 18, 2014

Lee Plan Map 1
Page 1 of 8

FUTURE URBAN AREAS
- Intensive Development
- Central Urban
- Urban Community
- Suburban
- Outlying Suburban
- Sub-Outlying Suburban
- Commercial
- Industrial
- Public Facilities
- University Community
- Burnt Store Marina Village
- Destination Resort Mixed Use Water Dependent

INTERCHANGE AREAS
- Industrial Interchange
- General Interchange
- General Commercial Interchange
- Industrial Commercial Interchange
- University Village Interchange

NEW COMMUNITY
- New Community

AIRPORT AREAS
- Tradeport
- Airport

NON-URBAN AREAS
- Rural
- Rural Community Preserve
- Coastal Rural
- Outer Island
- Open Lands
- Density Reduction/Groundwater Resource
- Conservation Lands - Upland

ENVIRONMENTALLY CRITICAL AREAS (WETLANDS)
- Wetlands
- Conservation Lands - Wetland

- City Limits

Chapter XIII of this plan contains an administrative process, including a field check, to precisely define the boundaries of a wetland area, and to correct any such boundaries that are based on clear factual error.

Appendix J
List of Community Letters of Map Change

Community LOMA List

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Bonita Springs, City of	120680	00-04-3174A	LOMA	Completed	Estero Bay	26.317	-81.816	N/A
Lee County	Bonita Springs, City of	120680	00-04-4260A	LOMA	Completed	Gulf of Mexico	26.317	-81.816	N/A
Lee County	Bonita Springs, City of	120680	01-04-0872A	LOMA	Completed	Gulf of Mexico	26.337	-81.818	11/18/2008
Lee County	Bonita Springs, City of	120680	04-04-2862A	LOMA	Completed	Gulf of Mexico	26.317	-81.818	12/21/2012
Lee County	Bonita Springs, City of	120680	04-04-6378A	LOMA	Completed	Leitner Creek	26.358	-81.769	1/7/2013
Lee County	Bonita Springs, City of	120680	04-04-B237A	LOMA	Completed	Fish Trap Bay	26.349	-81.778	5/16/2011
Lee County	Bonita Springs, City of	120680	05-04-0473A	LOMA	Completed	Imperial River	26.349	-81.778	5/16/2011
Lee County	Bonita Springs, City of	120680	05-04-0473A	LOMA	Completed	Leitner Creek	26.349	-81.778	5/16/2011
Lee County	Bonita Springs, City of	120680	06-04-B951A	CLOMR-F	Completed	Oak Creek	26.333	-81.778	3/3/2009
Lee County	Bonita Springs, City of	120680	06-04-BX52A	LOMA	Completed	Estero Bay	26.359	-81.802	N/A
Lee County	Bonita Springs, City of	120680	06-04-BX52A	LOMA	Completed	Spring Creek	26.359	-81.802	N/A
Lee County	Bonita Springs, City of	120680	07-04-0832A	LOMA	Completed	Imperial River	26.337	-81.818	11/18/2008
Lee County	Bonita Springs, City of	120680	07-04-3264A	LOMA	Completed	Estero Bay	26.337	-81.818	11/18/2008
Lee County	Bonita Springs, City of	120680	07-04-3264A	LOMA	Completed	Fish Trap Bay	26.337	-81.818	11/18/2008
Lee County	Bonita Springs, City of	120680	09-04-0417A	LOMA	Completed	Leitner Creek	26.349	-81.778	N/A
Lee County	Bonita Springs, City of	120680	09-04-0680A	LOMR-F	Completed	Spring Creek	26.371	-81.798	7/18/2013
Lee County	Bonita Springs, City of	120680	09-04-2468A	LOMA	Completed	Leitner Creek	26.358	-81.769	4/2/2013
Lee County	Bonita Springs, City of	120680	09-04-3209A	LOMR-F	Completed	Spring Creek	26.371	-81.798	N/A
Lee County	Bonita Springs, City of	120680	09-04-3981A	LOMA	Completed	Spring Creek	26.362	-81.783	N/A
Lee County	Bonita Springs, City of	120680	09-04-4065A	LOMA	Completed	Gulf of Mexico	26.319	-81.811	N/A
Lee County	Bonita Springs, City of	120680	09-04-5395A	LOMA	Completed	Gulf of Mexico	26.317	-81.818	N/A
Lee County	Bonita Springs, City of	120680	09-04-5567A	LOMA	Completed	Estero Bay	26.359	-81.802	12/6/2010
Lee County	Bonita Springs, City of	120680	09-04-5567A	LOMA	Completed	Spring Creek	26.359	-81.802	12/6/2010
Lee County	Bonita Springs, City of	120680	09-04-5666A	CLOMR-F	Completed	Oak Creek	26.333	-81.778	1/26/2009
Lee County	Bonita Springs, City of	120680	09-04-5905A	LOMA	Completed	Gulf of Mexico	26.337	-81.818	2/19/2009
Lee County	Bonita Springs, City of	120680	09-04-5905A	LOMA	Completed	Imperial River	26.337	-81.818	2/19/2009
Lee County	Bonita Springs, City of	120680	09-04-6423A	CLOMR-F	Completed	Oak Creek	26.333	-81.778	N/A
Lee County	Bonita Springs, City of	120680	09-04-7085A	LOMA	Completed	Spring Creek	26.363	-81.807	8/20/2007
Lee County	Bonita Springs, City of	120680	09-04-7123A	LOMA	Completed	Spring Creek	26.362	-81.783	11/28/2008
Lee County	Bonita Springs, City of	120680	09-04-7518A	LOMA	Completed	Estero Bay	26.359	-81.802	12/9/2010

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Bonita Springs, City of	120680	09-04-7518A	LOMA	Completed	Spring Creek	26.359	-81.802	12/9/2010
Lee County	Bonita Springs, City of	120680	09-04-7540A	LOMA	Completed	Spring Creek	26.365	-81.796	1/6/2011
Lee County	Bonita Springs, City of	120680	09-04-7540A	LOMA	Completed	Estero Bay	26.325	-81.812	1/4/2011
Lee County	Bonita Springs, City of	120680	09-04-7935A	LOMA	Completed	Spring Creek	26.365	-81.796	N/A
Lee County	Bonita Springs, City of	120680	09-04-8064A	LOMA	Completed	Gulf of Mexico	26.319	-81.811	11/29/2012
Lee County	Bonita Springs, City of	120680	10-04-2050A	LOMA	Completed	Spring Creek	26.363	-81.807	N/A
Lee County	Bonita Springs, City of	120680	10-04-5616A	LOMA	Completed	Estero Bay	26.337	-81.818	11/11/2008
Lee County	Bonita Springs, City of	120680	10-04-5616A	LOMA	Completed	Fish Trap Bay	26.337	-81.818	11/11/2008
Lee County	Bonita Springs, City of	120680	10-04-5616A	LOMA	Completed	Spring Creek	26.362	-81.783	11/7/2008
Lee County	Bonita Springs, City of	120680	10-04-5851A	LOMA	Completed	Gulf of Mexico	26.337	-81.818	11/11/2008
Lee County	Bonita Springs, City of	120680	10-04-5851A	LOMA	Completed	Imperial River	26.337	-81.818	11/11/2008
Lee County	Bonita Springs, City of	120680	10-04-7404A	LOMA	Completed	Leitner Creek	26.358	-81.769	N/A
Lee County	Bonita Springs, City of	120680	10-04-8170A	LOMA	Completed	Spring Creek	26.363	-81.807	9/18/2007
Lee County	Bonita Springs, City of	120680	11-04-2276A	LOMA	Completed	Estero Bay	26.317	-81.816	1/10/2012
Lee County	Bonita Springs, City of	120680	11-04-2276A	LOMA	Completed	Gulf of Mexico	26.317	-81.816	1/10/2012
Lee County	Bonita Springs, City of	120680	11-04-3747A	LOMA	Completed	Estero Bay	26.337	-81.818	2/19/2009
Lee County	Bonita Springs, City of	120680	11-04-3747A	LOMA	Completed	Fish Trap Bay	26.337	-81.818	2/19/2009
Lee County	Bonita Springs, City of	120680	11-04-4853A	LOMA	Completed	Fish Trap Bay	26.349	-81.778	N/A
Lee County	Bonita Springs, City of	120680	11-04-4853A	LOMA	Completed	Imperial River	26.349	-81.778	N/A
Lee County	Bonita Springs, City of	120680	11-04-8242A	LOMA	Completed	Spring Creek	26.365	-81.796	1/11/2011
Lee County	Bonita Springs, City of	120680	12-04-5652A	LOMA	Completed	Imperial River	26.349	-81.778	5/24/2011
Lee County	Bonita Springs, City of	120680	12-04-6366A	LOMA	Completed	Estero Bay	26.337	-81.818	N/A
Lee County	Bonita Springs, City of	120680	12-04-6366A	LOMA	Completed	Fish Trap Bay	26.337	-81.818	N/A
Lee County	Bonita Springs, City of	120680	12-04-6366A	LOMA	Completed	Gulf of Mexico	26.337	-81.818	N/A
Lee County	Bonita Springs, City of	120680	12-04-6366A	LOMA	Completed	Imperial River	26.337	-81.818	N/A
Lee County	Bonita Springs, City of	120680	12-04-6522A	LOMR-F	Completed	Spring Creek	26.371	-81.798	6/10/2013
Lee County	Bonita Springs, City of	120680	13-04-5464A	LOMA	Completed	Estero Bay	26.325	-81.812	1/28/2011
Lee County	Bonita Springs, City of	120680	13-04-5641A	LOMA	Completed	Leitner Creek	26.349	-81.778	5/24/2011
Lee County	Bonita Springs, City of	120680	13-04-5823A	LOMA	Completed	Fish Trap Bay	26.349	-81.778	5/24/2011
Lee County	Bonita Springs, City of	120680	13-04-8555A	LOMA	Completed	Estero Bay	26.325	-81.812	N/A
Lee County	Bonita Springs, City of	120680	94-04-264C	LOMA	Completed	Estero Bay	26.317	-81.816	11/21/2011
Lee County	Bonita Springs, City of	120680	94-04-278A	LOMA	Completed	Gulf of Mexico	26.317	-81.816	11/21/2011

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Bonita Springs, City of	120680	98-04-2224A	LOMA	Completed	Gulf of Mexico	26.319	-81.811	10/31/2012
Lee County	Bonita Springs, City of	120680	98-04-2784A	LOMA	Completed	Gulf of Mexico	26.317	-81.818	11/15/2012
Lee County	Bonita Springs, City of	120680	98-04-560A	LOMA	Completed	Leitner Creek	26.358	-81.769	12/27/2012
Lee County	Bonita Springs, City of	120680	99-04-4716A	LOMR-F	Completed	Spring Creek	26.371	-81.798	6/3/2013
Lee County	Cape Coral, City of	125095	00-04-0202A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.573	-81.988	4/11/2000
Lee County	Cape Coral, City of	125095	00-04-1050A	LOMA	Completed	Gulf of Mexico	26.620	-82.001	N/A
Lee County	Cape Coral, City of	125095	00-04-1420A	LOMA	Completed	Pine Island Sound	26.595	-82.012	N/A
Lee County	Cape Coral, City of	125095	00-04-1770A	LOMR-F	Completed	Matlacha Pass	26.619	-82.027	N/A
Lee County	Cape Coral, City of	125095	00-04-1772A	LOMR-F	Completed	Charlotte Harbor	26.680	-82.054	N/A
Lee County	Cape Coral, City of	125095	00-04-1840A	LOMR-F	Completed	Matlacha Pass	26.626	-82.025	N/A
Lee County	Cape Coral, City of	125095	00-04-4006A	LOMR-F	Completed	Pine Island Sound	26.626	-82.025	N/A
Lee County	Cape Coral, City of	125095	00-04-5058A	LOMR-F	Completed	Gulf of Mexico	26.581	-82.023	N/A
Lee County	Cape Coral, City of	125095	00-04-5110A	LOMA	Completed	Gulf of Mexico	26.618	-82.011	11/7/2012
Lee County	Cape Coral, City of	125095	01-04-6624A	LOMR-F	Completed	Matlacha Pass	26.680	-82.054	N/A
Lee County	Cape Coral, City of	125095	02-04-2460A	LOMR-F	Completed	Matlacha Pass	26.596	-82.024	3/7/2000
Lee County	Cape Coral, City of	125095	02-04-4886A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.681	-82.032	5/16/2006
Lee County	Cape Coral, City of	125095	02-04-5050A	LOMR-F	Completed	Matlacha Pass	26.689	-82.031	2/26/2004
Lee County	Cape Coral, City of	125095	02-04-7790A	LOMR-F	Completed	Gulf of Mexico	26.626	-82.025	N/A
Lee County	Cape Coral, City of	125095	03-04-0530A	LOMR-F	Completed	Matlacha Pass	26.643	-82.021	3/7/2000
Lee County	Cape Coral, City of	125095	03-04-10138A	LOMR-F	Completed	Charlotte Harbor	26.730	-82.047	N/A
Lee County	Cape Coral, City of	125095	03-04-10844A	LOMA	Completed	Gulf of Mexico	26.618	-82.011	N/A
Lee County	Cape Coral, City of	125095	03-04-1382A	LOMA	Completed	Matlacha Pass	26.618	-82.011	11/7/2012
Lee County	Cape Coral, City of	125095	03-04-7044A	LOMA	Completed	Caloosahatchee River	26.597	-81.972	N/A
Lee County	Cape Coral, City of	125095	03-04-8036A	LOMA	Completed	Matlacha Pass	26.620	-82.001	N/A
Lee County	Cape Coral, City of	125095	04-04-0060A	LOMA	Completed	Matlacha Pass	26.618	-82.011	N/A
Lee County	Cape Coral, City of	125095	04-04-0388A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	2/2/2005
Lee County	Cape Coral, City of	125095	04-04-2876A	LOMA	Completed	Matlacha Pass	26.620	-82.005	9/13/2011
Lee County	Cape Coral, City of	125095	05-04-1511A	LOMA	Completed	Gulf of Mexico	26.620	-82.001	6/1/2011
Lee County	Cape Coral, City of	125095	05-04-1511A	LOMA	Completed	Matlacha Pass	26.620	-82.001	6/1/2011
Lee County	Cape Coral, City of	125095	05-04-4780A	LOMA	Completed	Gulf of Mexico	26.620	-82.005	8/31/2011
Lee County	Cape Coral, City of	125095	05-04-4780A	LOMA	Completed	Matlacha Pass	26.620	-82.005	8/31/2011
Lee County	Cape Coral, City of	125095	06-04-B468A	LOMR-F	Completed	Charlotte Harbor	26.692	-82.038	8/11/2006

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Cape Coral, City of	125095	06-04-B468A	LOMR-F	Completed	Matlacha Pass	26.692	-82.038	8/11/2006
Lee County	Cape Coral, City of	125095	06-04-B468A	LOMR-F	Completed	Matlacha Pass; Charlotte Harbor	26.662	-82.033	5/22/2006
Lee County	Cape Coral, City of	125095	06-04-BL46A	LOMR-F	Completed	Matlacha Pass	26.619	-82.027	10/14/2009
Lee County	Cape Coral, City of	125095	06-04-C145A	LOMR-F	Completed	Matlacha Pass	26.580	-82.019	3/14/2000
Lee County	Cape Coral, City of	125095	06-04-C145A	LOMR-F	Completed	Matlacha Pass	26.580	-82.000	3/14/2000
Lee County	Cape Coral, City of	125095	07-04-2635A	LOMA	Completed	Gulf of Mexico	26.654	-82.029	8/6/2012
Lee County	Cape Coral, City of	125095	07-04-2635A	LOMA	Completed	Matlacha Pass	26.654	-82.029	8/6/2012
Lee County	Cape Coral, City of	125095	07-04-3264A	LOMR-F	Completed	Charlotte Harbor	26.680	-82.054	4/17/2007
Lee County	Cape Coral, City of	125095	07-04-3264A	LOMR-F	Completed	Matlacha Pass	26.680	-82.054	4/17/2007
Lee County	Cape Coral, City of	125095	08-04-2633A	LOMR-F	Completed	Caloosahatchee River	26.601	-81.969	11/23/1999
Lee County	Cape Coral, City of	125095	08-04-2633A	LOMR-F	Completed	Matlacha Pass	26.585	-82.016	11/16/1999
Lee County	Cape Coral, City of	125095	08-04-3532A	LOMA	Completed	Gulf of Mexico	26.617	-82.010	1/22/2013
Lee County	Cape Coral, City of	125095	08-04-3532A	LOMA	Completed	Matlacha Pass	26.617	-82.010	1/22/2013
Lee County	Cape Coral, City of	125095	08-04-6372A	LOMR-F	Completed	Matlacha Pass	26.556	-82.008	9/13/2002
Lee County	Cape Coral, City of	125095	08-04-6372A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.606	-82.021	8/23/2002
Lee County	Cape Coral, City of	125095	08-04-6372A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.592	-82.028	8/14/2002
Lee County	Cape Coral, City of	125095	08-04-6372A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.576	-81.999	6/12/2002
Lee County	Cape Coral, City of	125095	08-04-6472A	LOMR-F	Completed	Matlacha Pass	26.605	-82.027	11/28/2000
Lee County	Cape Coral, City of	125095	08-04-6472A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.583	-81.994	11/2/2000
Lee County	Cape Coral, City of	125095	08-04-6479A	LOMR-F	Completed	Matlacha Pass	26.594	-82.034	11/2/2000
Lee County	Cape Coral, City of	125095	08-04-6479A	LOMR-F	Completed	Matlacha Pass	26.567	-82.005	10/24/2000
Lee County	Cape Coral, City of	125095	08-04-6479A	LOMR-F	Completed	Matlacha Pass	26.566	-82.019	9/26/2000
Lee County	Cape Coral, City of	125095	08-04-6480A	LOMR-F	Completed	Caloosahatchee River	26.610	-81.935	8/24/2000
Lee County	Cape Coral, City of	125095	08-04-6480A	LOMR-F	Completed	Matlacha Pass	26.582	-81.996	8/8/2000
Lee County	Cape Coral, City of	125095	08-04-6480A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.562	-81.997	8/1/2000
Lee County	Cape Coral, City of	125095	08-04-6856A	LOMA	Completed	Matlacha Pass	26.639	-82.037	10/31/2007
Lee County	Cape Coral, City of	125095	09-04-0637A	LOMA	Completed	Caloosahatchee River	26.572	-81.960	N/A
Lee County	Cape Coral, City of	125095	09-04-0637A	LOMA	Completed	Caloosahatchee River	26.625	-81.925	N/A
Lee County	Cape Coral, City of	125095	09-04-0675A	LOMA	Completed	Gulf of Mexico	26.615	-82.016	1/16/2009
Lee County	Cape Coral, City of	125095	09-04-0680A	LOMA	Completed	Gulf of Mexico	26.620	-82.011	6/4/2013
Lee County	Cape Coral, City of	125095	09-04-0680A	LOMA	Completed	Matlacha Pass	26.620	-82.011	6/4/2013
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.715	-82.041	4/4/2006

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.697	-82.028	3/8/2006
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Charlotte Harbor	26.731	-82.058	2/2/2006
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Unnamed Ponding Area	N/A	N/A	10/18/2005
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	8/30/2005
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	3/4/2005
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	1/27/2005
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Matlacha Pass	26.641	-82.033	8/5/2004
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Charlotte Harbor, Caloosahatchee River	26.575	-82.005	7/19/2004
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Matlacha Pass	26.653	-82.029	6/25/2004
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.657	-82.031	6/10/2004
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Matlacha Pass	26.582	-81.992	3/11/2004
Lee County	Cape Coral, City of	125095	09-04-0742A	LOMR-F	Completed	Matlacha Pass	26.672	-82.038	3/4/2004
Lee County	Cape Coral, City of	125095	09-04-0826A	LOMA	Completed	Gulf of Mexico	26.620	-82.005	9/29/2011
Lee County	Cape Coral, City of	125095	09-04-0826A	LOMA	Completed	Matlacha Pass	26.620	-82.005	9/29/2011
Lee County	Cape Coral, City of	125095	09-04-1222A	LOMR-F	Completed	Pine Island Sound	26.626	-82.025	2/25/2009
Lee County	Cape Coral, City of	125095	09-04-1319A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	6/9/1994
Lee County	Cape Coral, City of	125095	09-04-1319A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	5/20/1994
Lee County	Cape Coral, City of	125095	09-04-1623A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	3/10/1999
Lee County	Cape Coral, City of	125095	09-04-1623A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	2/10/1999
Lee County	Cape Coral, City of	125095	09-04-1762A	LOMR-F	Completed	Matlacha Pass	26.666	-82.034	3/11/2002
Lee County	Cape Coral, City of	125095	09-04-1762A	LOMR-F	Completed	Matlacha Pass	26.665	-82.026	3/1/2002
Lee County	Cape Coral, City of	125095	09-04-1772A	LOMA	Completed	Pine Island Sound	26.611	-82.019	7/30/2009
Lee County	Cape Coral, City of	125095	09-04-1775A	LOMA	Completed	Gulf of Mexico	26.654	-82.029	9/20/2012
Lee County	Cape Coral, City of	125095	09-04-1775A	LOMA	Completed	Matlacha Pass	26.654	-82.029	9/20/2012
Lee County	Cape Coral, City of	125095	09-04-1815A	LOMA	Completed	Matlacha Pass	26.639	-82.037	12/20/2007
Lee County	Cape Coral, City of	125095	09-04-1853A	LOMA	Completed	Caloosahatchee River	26.625	-81.925	11/5/2013
Lee County	Cape Coral, City of	125095	09-04-2020A	LOMA	Completed	Gulf of Mexico	26.617	-82.010	N/A
Lee County	Cape Coral, City of	125095	09-04-2020A	LOMA	Completed	Gulf of Mexico	26.620	-82.011	N/A
Lee County	Cape Coral, City of	125095	09-04-2020A	LOMA	Completed	Gulf of Mexico	26.620	-82.005	N/A
Lee County	Cape Coral, City of	125095	09-04-2020A	LOMA	Completed	Matlacha Pass	26.617	-82.010	N/A
Lee County	Cape Coral, City of	125095	09-04-2020A	LOMA	Completed	Matlacha Pass	26.620	-82.011	N/A
Lee County	Cape Coral, City of	125095	09-04-2020A	LOMA	Completed	Matlacha Pass	26.620	-82.005	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Cape Coral, City of	125095	09-04-2099A	LOMA	Completed	Matlacha Pass	N/A	N/A	8/20/1999
Lee County	Cape Coral, City of	125095	09-04-2099A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	8/18/1999
Lee County	Cape Coral, City of	125095	09-04-2099A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	8/12/1999
Lee County	Cape Coral, City of	125095	09-04-2209C	LOMR-F	Completed	Gulf of Mexico	26.581	-82.023	6/2/2009
Lee County	Cape Coral, City of	125095	09-04-2209C	LOMR-F	Completed	Matlacha Pass	26.581	-82.023	6/2/2009
Lee County	Cape Coral, City of	125095	09-04-2263A	LOMR-F	Completed	Matlacha Pass	26.553	-82.011	11/9/2001
Lee County	Cape Coral, City of	125095	09-04-2538A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.591	-82.028	2/21/2001
Lee County	Cape Coral, City of	125095	09-04-2538A	LOMR-F	Completed	Caloosahatchee River	26.582	-81.973	12/19/2000
Lee County	Cape Coral, City of	125095	09-04-2538A	LOMR-F	Completed	Matlacha Pass	26.643	-82.047	12/19/2000
Lee County	Cape Coral, City of	125095	09-04-2801A	LOMR-F	Completed	Caloosahatchee River	26.574	-81.968	9/5/2001
Lee County	Cape Coral, City of	125095	09-04-2801A	LOMR-F	Completed	Caloosahatchee River	26.631	-81.925	9/5/2001
Lee County	Cape Coral, City of	125095	09-04-2801A	LOMR-F	Completed	Matlacha Pass	26.573	-82.009	9/5/2001
Lee County	Cape Coral, City of	125095	09-04-2851A	LOMR-F	Completed	N/A	N/A	N/A	6/26/1997
Lee County	Cape Coral, City of	125095	09-04-2851A	LOMR-F	Completed	N/A	N/A	N/A	6/25/1997
Lee County	Cape Coral, City of	125095	09-04-2946A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	9/23/1997
Lee County	Cape Coral, City of	125095	09-04-2946A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	7/21/1997
Lee County	Cape Coral, City of	125095	09-04-3014A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	2/4/1998
Lee County	Cape Coral, City of	125095	09-04-3014A	LOMA	Completed	Caloosahatchee River	N/A	N/A	12/5/1997
Lee County	Cape Coral, City of	125095	09-04-3014A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	12/5/1997
Lee County	Cape Coral, City of	125095	09-04-3015A	LOMR-F	Completed	Charlotte Harbor	26.692	-82.038	8/25/2006
Lee County	Cape Coral, City of	125095	09-04-3015A	LOMR-F	Completed	Matlacha Pass	26.692	-82.038	8/25/2006
Lee County	Cape Coral, City of	125095	09-04-3015A	LOMR-F	Completed	Matlacha Pass; Charlotte Harbor	26.662	-82.033	5/22/2006
Lee County	Cape Coral, City of	125095	09-04-3015A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.681	-82.032	5/17/2006
Lee County	Cape Coral, City of	125095	09-04-3015A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.715	-82.041	3/15/2006
Lee County	Cape Coral, City of	125095	09-04-3015A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.697	-82.028	2/27/2006
Lee County	Cape Coral, City of	125095	09-04-3015A	LOMR-F	Completed	Charlotte Harbor	26.731	-82.058	1/23/2006
Lee County	Cape Coral, City of	125095	09-04-3297A	LOMA	Completed	Matlacha Pass	26.615	-82.016	1/16/2009
Lee County	Cape Coral, City of	125095	09-04-3340A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	5/5/1999
Lee County	Cape Coral, City of	125095	09-04-3340A	LOMA	Completed	Caloosahatchee River	N/A	N/A	4/28/1999
Lee County	Cape Coral, City of	125095	09-04-3420A	LOMR-F	Completed	Matlacha Pass	26.594	-82.023	9/26/2001
Lee County	Cape Coral, City of	125095	09-04-3420A	LOMR-F	Completed	Matlacha Pass	26.564	-81.999	9/7/2001
Lee County	Cape Coral, City of	125095	09-04-3439A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	9/10/1999

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Cape Coral, City of	125095	09-04-3439A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	9/10/1999
Lee County	Cape Coral, City of	125095	09-04-3439A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	9/10/1999
Lee County	Cape Coral, City of	125095	09-04-3446A	LOMR-F	Completed	Matlacha Pass	26.604	-82.011	9/12/2003
Lee County	Cape Coral, City of	125095	09-04-3446A	LOMR-F	Completed	Matlacha Pass	26.583	-82.014	7/24/2003
Lee County	Cape Coral, City of	125095	09-04-3446A	LOMR-F	Completed	Matlacha Pass	26.593	-82.013	7/3/2003
Lee County	Cape Coral, City of	125095	09-04-3446A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.574	-81.993	4/18/2003
Lee County	Cape Coral, City of	125095	09-04-3447A	LOMR-F	Completed	Natcacha Pass	N/A	N/A	5/31/1996
Lee County	Cape Coral, City of	125095	09-04-3447A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	2/27/1995
Lee County	Cape Coral, City of	125095	09-04-3584A	LOMA	Completed	Gulf of Mexico	26.595	-82.012	11/25/2008
Lee County	Cape Coral, City of	125095	09-04-3584A	LOMA	Completed	Matlacha Pass	26.595	-82.012	11/25/2008
Lee County	Cape Coral, City of	125095	09-04-3584A	LOMA	Completed	Pine Island Sound	26.595	-82.012	11/25/2008
Lee County	Cape Coral, City of	125095	09-04-3601A	LOMR-F	Completed	Charlotte Harbor	26.680	-82.054	4/2/2007
Lee County	Cape Coral, City of	125095	09-04-3601A	LOMR-F	Completed	Matlacha Pass	26.680	-82.054	4/2/2007
Lee County	Cape Coral, City of	125095	09-04-4039A	LOMA	Completed	Caloosahatchee River	26.601	-81.968	10/19/1999
Lee County	Cape Coral, City of	125095	09-04-4039A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	10/14/1999
Lee County	Cape Coral, City of	125095	09-04-4195A	LOMA	Completed	Gulf of Mexico	26.615	-82.016	1/29/2009
Lee County	Cape Coral, City of	125095	09-04-4195A	LOMA	Completed	Matlacha Pass	26.615	-82.016	1/29/2009
Lee County	Cape Coral, City of	125095	09-04-4956A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	4/10/1998
Lee County	Cape Coral, City of	125095	09-04-5027A	LOMR-F	Completed	N/A	N/A	N/A	8/21/1996
Lee County	Cape Coral, City of	125095	09-04-5027A	LOMR-F	Completed	Ponding	N/A	N/A	8/12/1996
Lee County	Cape Coral, City of	125095	09-04-5495A	LOMR-F	Completed	Charlotte Harbor	26.674	-82.030	N/A
Lee County	Cape Coral, City of	125095	09-04-5495A	LOMA	Completed	Gulf of Mexico	26.654	-82.029	N/A
Lee County	Cape Coral, City of	125095	09-04-5495A	LOMR-F	Completed	Gulf of Mexico	26.601	-82.032	N/A
Lee County	Cape Coral, City of	125095	09-04-5495A	LOMA	Completed	Matlacha Pass	26.639	-82.037	N/A
Lee County	Cape Coral, City of	125095	09-04-5495A	LOMR-F	Completed	Matlacha Pass	26.601	-82.032	N/A
Lee County	Cape Coral, City of	125095	09-04-5495A	LOMR-F	Completed	Matlacha Pass	26.674	-82.030	N/A
Lee County	Cape Coral, City of	125095	09-04-5509X	LOMR-F	Completed	Matlacha Pass	26.601	-82.008	11/27/2002
Lee County	Cape Coral, City of	125095	09-04-5509X	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.582	-81.999	10/23/2002
Lee County	Cape Coral, City of	125095	09-04-5679A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	8/5/1999
Lee County	Cape Coral, City of	125095	09-04-5679A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	7/6/1999
Lee County	Cape Coral, City of	125095	09-04-5679A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	7/2/1999
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMA	Completed	Gulf of Mexico	26.595	-82.012	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMA	Completed	Gulf of Mexico	26.611	-82.019	N/A
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMA	Completed	Gulf of Mexico	26.615	-82.016	N/A
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMA	Completed	Matlacha Pass	26.595	-82.012	N/A
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMA	Completed	Matlacha Pass	26.611	-82.019	N/A
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMA	Completed	Matlacha Pass	26.611	-82.013	N/A
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMA	Completed	Matlacha Pass	26.615	-82.016	N/A
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMR-F	Completed	Matlacha Pass	26.581	-82.023	N/A
Lee County	Cape Coral, City of	125095	09-04-6202A	LOMA	Completed	Pine Island Sound	26.611	-82.019	N/A
Lee County	Cape Coral, City of	125095	09-04-6220A	LOMR-F	Completed	Matlacha Pass	26.587	-82.029	9/26/2000
Lee County	Cape Coral, City of	125095	09-04-6220A	LOMR-F	Completed	Matlacha Pass	26.566	-82.003	9/5/2000
Lee County	Cape Coral, City of	125095	09-04-6396A	LOMA	Completed	Caloosahatchee River	26.597	-81.972	3/1/2011
Lee County	Cape Coral, City of	125095	09-04-6396A	LOMA	Completed	Matlacha Pass	26.597	-81.972	3/1/2011
Lee County	Cape Coral, City of	125095	09-04-7400A	LOMR-F	Completed	Matlacha Pass	26.596	-82.008	5/3/2002
Lee County	Cape Coral, City of	125095	09-04-7540A	LOMA	Completed	Caloosahatchee River	26.572	-81.960	1/12/2011
Lee County	Cape Coral, City of	125095	09-04-7617A	LOMA	Completed	Gulf of Mexico	26.595	-82.012	11/5/2008
Lee County	Cape Coral, City of	125095	09-04-7617A	LOMA	Completed	Matlacha Pass	26.595	-82.012	11/5/2008
Lee County	Cape Coral, City of	125095	09-04-7617A	LOMA	Completed	Pine Island Sound	26.595	-82.012	11/5/2008
Lee County	Cape Coral, City of	125095	09-04-8234A	LOMR-F	Completed	Matlacha Pass	26.601	-82.032	7/8/2010
Lee County	Cape Coral, City of	125095	09-04-8461A	LOMA	Completed	Caloosahatchee River	26.577	-81.965	N/A
Lee County	Cape Coral, City of	125095	09-04-8461A	LOMA	Completed	Gulf of Mexico	26.577	-81.965	N/A
Lee County	Cape Coral, City of	125095	09-04-8461A	LOMA	Completed	Matlacha Pass	26.597	-81.972	N/A
Lee County	Cape Coral, City of	125095	09-04-8463A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.554	-82.016	11/13/2003
Lee County	Cape Coral, City of	125095	09-04-8463A	LOMR-F	Completed	Matlacha Pass	26.605	-82.023	10/2/2003
Lee County	Cape Coral, City of	125095	10-04-0728A	LOMA	Completed	Gulf of Mexico	26.620	-82.001	6/23/2011
Lee County	Cape Coral, City of	125095	10-04-1631A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	6/19/1998
Lee County	Cape Coral, City of	125095	10-04-1631A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	4/10/1998
Lee County	Cape Coral, City of	125095	10-04-3281A	LOMR-F	Completed	Gulf of Mexico	26.581	-82.023	7/21/2009
Lee County	Cape Coral, City of	125095	10-04-3281A	LOMR-F	Completed	Matlacha Pass	26.581	-82.023	7/21/2009
Lee County	Cape Coral, City of	125095	10-04-3413A	LOMR-F	Completed	Caloosahatchee River; Matlacha Pass	26.553	-82.011	9/24/2009
Lee County	Cape Coral, City of	125095	10-04-3864A	LOMR-F	Completed	Gulf of Mexico	26.601	-82.032	8/5/2010
Lee County	Cape Coral, City of	125095	10-04-4056A	LOMA	Completed	Matlacha Pass	26.620	-82.001	6/23/2011
Lee County	Cape Coral, City of	125095	10-04-4319A	LOMA	Completed	Gulf of Mexico	26.618	-82.011	12/18/2012

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Cape Coral, City of	125095	10-04-4319A	LOMA	Completed	Matlacha Pass	26.618	-82.011	12/18/2012
Lee County	Cape Coral, City of	125095	10-04-5044A	LOMR-F	Completed	Charlotte Harbor	26.680	-82.054	5/10/2007
Lee County	Cape Coral, City of	125095	10-04-5044A	LOMR-F	Completed	Matlacha Pass	26.680	-82.054	5/10/2007
Lee County	Cape Coral, City of	125095	10-04-5993A	LOMA	Completed	Matlacha Pass	26.611	-82.013	9/25/2009
Lee County	Cape Coral, City of	125095	10-04-6860A	LOMA	Completed	Gulf of Mexico	26.620	-82.005	9/13/2011
Lee County	Cape Coral, City of	125095	10-04-7451A	LOMR-F	Completed	Matlacha Pass	26.599	-82.016	12/4/2003
Lee County	Cape Coral, City of	125095	10-04-8271A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.681	-82.032	6/15/2006
Lee County	Cape Coral, City of	125095	10-04-8271A	LOMR-F	Completed	Matlacha Pass; Charlotte Harbor	26.662	-82.033	6/2/2006
Lee County	Cape Coral, City of	125095	11-04-0053A	LOMA	Completed	Gulf of Mexico	26.611	-82.019	6/30/2009
Lee County	Cape Coral, City of	125095	11-04-0227A	LOMR-F	Completed	N/A	N/A	N/A	1/21/1997
Lee County	Cape Coral, City of	125095	11-04-0227A	LOMR-F	Completed	N/A	N/A	N/A	12/12/1996
Lee County	Cape Coral, City of	125095	11-04-0227A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	9/27/1996
Lee County	Cape Coral, City of	125095	11-04-1616A	LOMR-F	Completed	Matlacha Pass	26.601	-82.032	8/5/2010
Lee County	Cape Coral, City of	125095	11-04-1803A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	1/28/2005
Lee County	Cape Coral, City of	125095	11-04-2642A	LOMR-F	Completed	Charlotte Harbor	26.692	-82.038	9/21/2006
Lee County	Cape Coral, City of	125095	11-04-2642A	LOMR-F	Completed	Matlacha Pass	26.692	-82.038	9/21/2006
Lee County	Cape Coral, City of	125095	11-04-4040A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.697	-82.028	2/20/2006
Lee County	Cape Coral, City of	125095	11-04-4040A	LOMR-F	Completed	Charlotte Harbor	26.731	-82.058	1/17/2006
Lee County	Cape Coral, City of	125095	11-04-4040A	LOMR-F	Completed	Unnamed Ponding Area	N/A	N/A	9/13/2005
Lee County	Cape Coral, City of	125095	11-04-4040A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	8/10/2005
Lee County	Cape Coral, City of	125095	11-04-4661A	LOMR-F	Completed	Matlacha Pass	26.567	-82.004	10/26/1999
Lee County	Cape Coral, City of	125095	11-04-4661A	LOMR-F	Completed	Matlacha Pass	26.574	-82.021	10/21/1999
Lee County	Cape Coral, City of	125095	11-04-5538A	LOMA	Completed	Matlacha Pass	26.611	-82.019	6/30/2009
Lee County	Cape Coral, City of	125095	11-04-5538A	LOMA	Completed	Pine Island Sound	26.611	-82.019	6/30/2009
Lee County	Cape Coral, City of	125095	11-04-5935A	LOMR-F	Completed	Matlacha Pass; Charlotte Harbor	26.662	-82.033	5/11/2006
Lee County	Cape Coral, City of	125095	11-04-5935A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.681	-82.032	5/8/2006
Lee County	Cape Coral, City of	125095	11-04-5935A	LOMR-F	Completed	Charlotte Harbor; Matlacha Pass	26.715	-82.041	3/10/2006
Lee County	Cape Coral, City of	125095	11-04-6569A	LOMR-F	Completed	Matlacha Pass	26.644	-82.033	1/2/2004
Lee County	Cape Coral, City of	125095	11-04-6569A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.586	-81.992	12/22/2003
Lee County	Cape Coral, City of	125095	11-04-6569A	LOMR-F	Completed	Matlacha Pass	26.666	-82.028	12/18/2003
Lee County	Cape Coral, City of	125095	12-04-0127A	LOMR-F	Completed	Matlacha Pass	26.641	-82.029	1/8/2003
Lee County	Cape Coral, City of	125095	12-04-1139A	LOMR-F	Completed	Matlacha Pass	26.576	-82.004	3/20/2003

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Cape Coral, City of	125095	12-04-1139A	LOMR-F	Completed	Matlacha Pass; Caloosahatchee River	26.653	-82.035	1/16/2003
Lee County	Cape Coral, City of	125095	12-04-1226A	LOMR-F	Completed	Caloosahatchee River; Matlacha Pass	26.553	-82.011	8/3/2009
Lee County	Cape Coral, City of	125095	12-04-1667A	LOMR-F	Completed	Matlacha Pass	26.585	-82.017	2/15/2000
Lee County	Cape Coral, City of	125095	12-04-1667A	LOMR-F	Completed	Caloosahatchee River	26.568	-81.975	1/27/2000
Lee County	Cape Coral, City of	125095	12-04-1667A	LOMR-F	Completed	Matlacha Pass	26.584	-82.016	1/18/2000
Lee County	Cape Coral, City of	125095	12-04-1667A	LOMR-F	Completed	Matlacha Pass	26.585	-82.006	1/18/2000
Lee County	Cape Coral, City of	125095	12-04-1667A	LOMR-F	Completed	Matlacha Pass	26.588	-82.002	1/18/2000
Lee County	Cape Coral, City of	125095	12-04-1667A	LOMR-F	Completed	Matlacha Pass	26.607	-82.009	12/16/1999
Lee County	Cape Coral, City of	125095	12-04-1791A	LOMR-F	Completed	Caloosahatchee River; Matlacha Pass	26.574	-82.004	6/8/2001
Lee County	Cape Coral, City of	125095	12-04-1791A	LOMR-F	Completed	Matlacha Pass	26.577	-82.006	5/23/2001
Lee County	Cape Coral, City of	125095	12-04-1791A	LOMR-F	Completed	Caloosahatchee River; Matlacha Pass	26.576	-81.998	5/16/2001
Lee County	Cape Coral, City of	125095	12-04-2046A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	3/4/1994
Lee County	Cape Coral, City of	125095	12-04-2046A	CLOMR-F	Completed	Matlacha Pass	N/A	N/A	2/24/1994
Lee County	Cape Coral, City of	125095	12-04-2046A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	2/2/1994
Lee County	Cape Coral, City of	125095	12-04-2968A	LOMR-F	Completed	Caloosahatchee River	26.597	-81.970	7/27/2000
Lee County	Cape Coral, City of	125095	12-04-2968A	LOMR-F	Completed	Caloosahatchee River	26.613	-81.935	5/25/2000
Lee County	Cape Coral, City of	125095	12-04-2968A	LOMR-F	Completed	Matlacha Pass	26.602	-82.028	5/18/2000
Lee County	Cape Coral, City of	125095	12-04-4140A	LOMR-F	Completed	N/A	N/A	N/A	5/27/1997
Lee County	Cape Coral, City of	125095	12-04-4140A	CLOMR-F	Completed	N/A	N/A	N/A	4/7/1997
Lee County	Cape Coral, City of	125095	12-04-4140A	LOMR-F	Completed	N/A	N/A	N/A	3/26/1997
Lee County	Cape Coral, City of	125095	12-04-5324A	LOMR-F	Completed	Matlacha Pass	26.676	-82.032	2/22/2000
Lee County	Cape Coral, City of	125095	12-04-5685A	LOMR-F	Completed	Gulf of Mexico	26.601	-82.032	7/8/2010
Lee County	Cape Coral, City of	125095	13-04-0661A	LOMA	Completed	Caloosahatchee River	26.577	-81.965	9/4/2012
Lee County	Cape Coral, City of	125095	13-04-0874A	LOMR-F	Completed	Gulf of Mexico	26.626	-82.025	3/26/2009
Lee County	Cape Coral, City of	125095	13-04-0874A	LOMR-F	Completed	Matlacha Pass	26.626	-82.025	3/26/2009
Lee County	Cape Coral, City of	125095	13-04-0874A	LOMR-F	Completed	Pine Island Sound	26.626	-82.025	3/26/2009
Lee County	Cape Coral, City of	125095	13-04-1231A	LOMR-F	Completed	Charlotte Harbor	26.674	-82.030	3/29/2007
Lee County	Cape Coral, City of	125095	13-04-1231A	LOMR-F	Completed	Matlacha Pass	26.674	-82.030	3/29/2007
Lee County	Cape Coral, City of	125095	13-04-1231A	LOMR-F	Completed	Charlotte Harbor	26.730	-82.047	12/14/2006
Lee County	Cape Coral, City of	125095	13-04-1725A	LOMR-F	Completed	Charlotte Harbor	26.692	-82.038	8/3/2006
Lee County	Cape Coral, City of	125095	13-04-1725A	LOMR-F	Completed	Matlacha Pass	26.692	-82.038	8/3/2006
Lee County	Cape Coral, City of	125095	13-04-1737A	LOMR-F	Completed	Matlacha Pass	N/A	N/A	4/19/1994

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Cape Coral, City of	125095	13-04-1737A	LOMR-F	Completed	Groover Canal	N/A	N/A	3/8/1994
Lee County	Cape Coral, City of	125095	13-04-2428A	LOMR-F	Completed	Gulf of Mexico	26.626	-82.025	2/25/2009
Lee County	Cape Coral, City of	125095	13-04-2428A	LOMR-F	Completed	Matlacha Pass	26.626	-82.025	2/25/2009
Lee County	Cape Coral, City of	125095	13-04-3362A	LOMR-F	Completed	Matlacha Pass	26.619	-82.027	11/5/2009
Lee County	Cape Coral, City of	125095	13-04-3531A	LOMA	Completed	Matlacha Pass	26.611	-82.013	10/9/2009
Lee County	Cape Coral, City of	125095	13-04-3638A	LOMA	Completed	Gulf of Mexico	26.611	-82.019	7/30/2009
Lee County	Cape Coral, City of	125095	13-04-3638A	LOMA	Completed	Matlacha Pass	26.611	-82.019	7/30/2009
Lee County	Cape Coral, City of	125095	13-04-4277A	LOMR-F	Completed	Matlacha Pass	26.619	-82.027	10/6/2009
Lee County	Cape Coral, City of	125095	13-04-5464A	LOMA	Completed	Caloosahatchee River	26.572	-81.960	1/28/2011
Lee County	Cape Coral, City of	125095	13-04-6120A	LOMR-F	Completed	Charlotte Harbor	26.674	-82.030	3/1/2007
Lee County	Cape Coral, City of	125095	13-04-6120A	LOMR-F	Completed	Matlacha Pass	26.674	-82.030	3/1/2007
Lee County	Cape Coral, City of	125095	13-04-6120A	LOMR-F	Completed	Charlotte Harbor	26.730	-82.047	11/17/2006
Lee County	Cape Coral, City of	125095	14-04-0564A	LOMA	Completed	Gulf of Mexico	26.577	-81.965	9/4/2012
Lee County	Cape Coral, City of	125095	14-04-0816A	LOMA	Completed	Caloosahatchee River	26.597	-81.972	1/31/2011
Lee County	Cape Coral, City of	125095	14-04-0816A	LOMA	Completed	Matlacha Pass	26.597	-81.972	1/31/2011
Lee County	Cape Coral, City of	125095	97-04-2042A	LOMA	Completed	Caloosahatchee River	26.577	-81.965	7/23/2012
Lee County	Cape Coral, City of	125095	97-04-314A	LOMA	Completed	Gulf of Mexico	26.577	-81.965	7/23/2012
Lee County	Cape Coral, City of	125095	97-04-344A	LOMA	Completed	Gulf of Mexico	26.654	-82.029	7/27/2012
Lee County	Cape Coral, City of	125095	97-04-498A	LOMA	Completed	Matlacha Pass	26.654	-82.029	7/27/2012
Lee County	Cape Coral, City of	125095	98-04-1570A	LOMA	Completed	Gulf of Mexico	26.618	-82.011	10/23/2012
Lee County	Cape Coral, City of	125095	98-04-2170A	LOMA	Completed	Matlacha Pass	26.618	-82.011	10/23/2012
Lee County	Cape Coral, City of	125095	99-04-1330A	LOMA	Completed	Gulf of Mexico	26.617	-82.010	1/18/2013
Lee County	Cape Coral, City of	125095	99-04-2018A	LOMA	Completed	Matlacha Pass	26.617	-82.010	1/18/2013
Lee County	Cape Coral, City of	125095	99-04-5420A	LOMA	Completed	Caloosahatchee River	26.625	-81.925	9/23/2013
Lee County	Cape Coral, City of	125095	99-04-5738A	LOMR-F	Completed	Matlacha Pass	26.566	-82.019	8/1/2000
Lee County	Cape Coral, City of	125095	99-04-5760A	LOMA	Completed	Matlacha Pass	26.654	-82.029	N/A
Lee County	Cape Coral, City of	125095	99-04-6002A	LOMR-F	Completed	Caloosahatchee River; Matlacha Pass	26.553	-82.011	N/A
Lee County	Fort Myers, City of	125106	00-04-2188A	LOMA	Completed	Ten Mile Canal	26.591	-81.826	N/A
Lee County	Fort Myers, City of	125106	00-04-2470C	LOMR-F	Completed	Six Mile Cypress Slough	26.570	-81.816	N/A
Lee County	Fort Myers, City of	125106	00-04-4648A	LOMA	Completed	Ten Mile Canal	26.587	-81.822	N/A
Lee County	Fort Myers, City of	125106	01-04-0204A	LOMA	Completed	Six Mile Cypress Slough	26.578	-81.806	N/A
Lee County	Fort Myers, City of	125106	02-04-2096A	LOMR-F	Completed	Six Mile Cypress Slough	26.607	-81.793	3/29/2010

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Fort Myers, City of	125106	02-04-3504A	LOMA	Completed	Six Mile Cypress Slough	26.608	-81.779	6/25/2010
Lee County	Fort Myers, City of	125106	02-04-7532A	LOMR-F	Completed	Six Mile Cypress Slough	26.886	-81.793	N/A
Lee County	Fort Myers, City of	125106	03-04-1230A	LOMA	Completed	Six Mile Cypress Slough	26.582	-81.805	N/A
Lee County	Fort Myers, City of	125106	03-04-4690A	LOMA	Completed	Ten Mile Canal	26.588	-81.828	N/A
Lee County	Fort Myers, City of	125106	04-04-0424A	LOMR-F	Completed	Six Mile Cypress Slough	26.589	-81.785	N/A
Lee County	Fort Myers, City of	125106	04-04-3552A	LOMA	Completed	Ten Mile Canal	26.589	-81.827	N/A
Lee County	Fort Myers, City of	125106	05-04-0980A	LOMA	Completed	Six Mile Cypress Slough	26.603	-81.789	5/31/2011
Lee County	Fort Myers, City of	125106	06-04-BK46A	LOMR-F	Completed	Six Mile Cypress Slough	26.594	-81.795	6/1/2010
Lee County	Fort Myers, City of	125106	06-04-BL46A	LOMR-F	Completed	Six Mile Cypress Slough	26.592	-81.785	8/27/2009
Lee County	Fort Myers, City of	125106	06-04-BX43A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.781	3/19/2009
Lee County	Fort Myers, City of	125106	06-04-BX43A	LOMA	Completed	Ten Mile Canal	26.601	-81.844	3/10/2009
Lee County	Fort Myers, City of	125106	06-04-BX43A	LOMR-F	Completed	Six Mile Cypress Slough	26.594	-81.795	1/6/2009
Lee County	Fort Myers, City of	125106	07-04-2635A	LOMA	Completed	Six Mile Cypress Slough	26.578	-81.803	8/28/2012
Lee County	Fort Myers, City of	125106	07-04-2635A	LOMA	Completed	L-3 Canal	26.590	-81.877	3/28/2012
Lee County	Fort Myers, City of	125106	07-04-4363A	LOMR-F	Completed	Six Mile Cypress Slough	26.589	-81.785	N/A
Lee County	Fort Myers, City of	125106	08-04-0420A	LOMA	Completed	Six Mile Cypress Slough	26.578	-81.803	N/A
Lee County	Fort Myers, City of	125106	08-04-3532A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.789	1/24/2013
Lee County	Fort Myers, City of	125106	08-04-3937A	LOMA	Completed	Six Mile Cypress Slough	26.593	-81.785	N/A
Lee County	Fort Myers, City of	125106	08-04-4452A	LOMR-F	Completed	Six Mile Cypress Slough	26.592	-81.785	N/A
Lee County	Fort Myers, City of	125106	08-04-4742A	LOMA	Completed	Six Mile Cypress Slough	26.579	-81.800	N/A
Lee County	Fort Myers, City of	125106	08-04-6763A	LOMA	Completed	Billy Creek	26.661	-81.815	N/A
Lee County	Fort Myers, City of	125106	08-04-6763A	LOMR-F	Completed	Six Mile Cypress Slough	26.571	-81.814	N/A
Lee County	Fort Myers, City of	125106	09-04-0677A	LOMA	Completed	Ten Mile Canal	26.601	-81.844	6/25/2009
Lee County	Fort Myers, City of	125106	09-04-0680A	LOMA	Completed	Six Mile Cypress Slough	26.603	-81.788	8/1/2013
Lee County	Fort Myers, City of	125106	09-04-0825A	LOMA	Completed	Six Mile Cypress Slough	26.604	-81.789	12/1/2010
Lee County	Fort Myers, City of	125106	09-04-0825A	LOMR-F	Completed	Six Mile Cypress Slough	26.571	-81.814	11/23/2010
Lee County	Fort Myers, City of	125106	09-04-0826A	LOMA	Completed	Six Mile Cypress Slough	26.599	-81.796	9/29/2011
Lee County	Fort Myers, City of	125106	09-04-0828A	eLOMA	Completed	Six Mile Cypress Slough	26.604	-81.778	12/1/2011
Lee County	Fort Myers, City of	125106	09-04-1222A	LOMA	Completed	Ten Mile Canal	26.601	-81.844	2/25/2009
Lee County	Fort Myers, City of	125106	09-04-1498A	LOMA	Completed	Six Mile Cypress Slough	26.583	-81.808	N/A
Lee County	Fort Myers, City of	125106	09-04-1772A	LOMA	Completed	Six Mile Cypress Slough	26.593	-81.785	7/30/2009
Lee County	Fort Myers, City of	125106	09-04-1775A	LOMA	Completed	Six Mile Cypress Slough	26.578	-81.803	10/16/2012

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Fort Myers, City of	125106	09-04-1853A	eLOMA	Completed	Gulf of Mexico	26.606	-81.794	10/22/2013
Lee County	Fort Myers, City of	125106	09-04-2138A	LOMA	Completed	Ten Mile Canal	26.586	-81.825	4/14/2009
Lee County	Fort Myers, City of	125106	09-04-2583A	LOMA	Completed	Six Mile Cypress Slough	26.581	-81.806	2/26/2010
Lee County	Fort Myers, City of	125106	09-04-2730A	LOMA	Completed	Six Mile Cypress Slough	26.583	-81.808	4/1/2009
Lee County	Fort Myers, City of	125106	09-04-3096A	LOMA	Completed	Six Mile Cypress Slough	26.581	-81.806	N/A
Lee County	Fort Myers, City of	125106	09-04-3209A	LOMR-F	Completed	Six Mile Cypress Slough	26.600	-81.797	N/A
Lee County	Fort Myers, City of	125106	09-04-3246A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.781	3/5/2009
Lee County	Fort Myers, City of	125106	09-04-3297A	LOMA	Completed	Ten Mile Canal	26.587	-81.824	1/26/2009
Lee County	Fort Myers, City of	125106	09-04-3398A	LOMA	Completed	Six Mile Cypress Slough	26.604	-81.789	N/A
Lee County	Fort Myers, City of	125106	09-04-3398A	LOMR-F	Completed	Six Mile Cypress Slough	26.604	-81.789	N/A
Lee County	Fort Myers, City of	125106	09-04-3595A	LOMR-F	Completed	Six Mile Cypress Slough	26.570	-81.816	10/7/2010
Lee County	Fort Myers, City of	125106	09-04-3796A	LOMR-F	Completed	Six Mile Cypress Slough	26.594	-81.795	N/A
Lee County	Fort Myers, City of	125106	09-04-3796A	LOMR-F	Completed	Six Mile Cypress Slough	26.594	-81.795	N/A
Lee County	Fort Myers, City of	125106	09-04-3866A	LOMA	Completed	Ten Mile Canal	26.586	-81.825	3/13/2009
Lee County	Fort Myers, City of	125106	09-04-3981A	LOMA	Completed	Six Mile Cypress Slough	26.589	-81.785	N/A
Lee County	Fort Myers, City of	125106	09-04-4065A	LOMR-F	Completed	Six Mile Cypress Slough	26.581	-81.811	N/A
Lee County	Fort Myers, City of	125106	09-04-4308A	eLOMA	Completed	Billy Creek	26.662	-81.833	6/12/2012
Lee County	Fort Myers, City of	125106	09-04-4308A	LOMA	Completed	L-3 Canal	26.590	-81.877	5/10/2012
Lee County	Fort Myers, City of	125106	09-04-4374A	LOMA	Completed	Six Mile Cypress Slough	26.579	-81.800	9/3/2009
Lee County	Fort Myers, City of	125106	09-04-4508A	LOMA	Completed	Ten Mile Canal	26.587	-81.822	6/4/2009
Lee County	Fort Myers, City of	125106	09-04-4684A	LOMA	Completed	Six Mile Cypress Slough	26.581	-81.804	N/A
Lee County	Fort Myers, City of	125106	09-04-4862A	LOMA	Completed	Ten Mile Canal	26.588	-81.828	9/8/2008
Lee County	Fort Myers, City of	125106	09-04-4862A	LOMA	Completed	Ten Mile Canal	26.589	-81.827	9/8/2008
Lee County	Fort Myers, City of	125106	09-04-4862A	LOMR-F	Completed	Six Mile Cypress Slough	26.572	-81.822	9/2/2008
Lee County	Fort Myers, City of	125106	09-04-4939A	LOMR-F	Completed	Six Mile Cypress Slough	26.594	-81.795	12/22/2008
Lee County	Fort Myers, City of	125106	09-04-5242A	LOMR-F	Completed	Six Mile Cypress Slough	26.581	-81.811	5/7/2013
Lee County	Fort Myers, City of	125106	09-04-5395A	LOMA	Completed	Six Mile Cypress Slough	26.574	-81.818	N/A
Lee County	Fort Myers, City of	125106	09-04-5666A	LOMA	Completed	Ten Mile Canal	26.587	-81.826	2/6/2009
Lee County	Fort Myers, City of	125106	09-04-5905A	LOMA	Completed	Ten Mile Canal	26.587	-81.826	2/26/2009
Lee County	Fort Myers, City of	125106	09-04-5905A	eLOMA	Completed	Six Mile Cypress Slough	26.625	-81.788	2/19/2009
Lee County	Fort Myers, City of	125106	09-04-6201A	LOMR-F	Completed	Six Mile Cypress Slough	26.589	-81.785	9/29/2008
Lee County	Fort Myers, City of	125106	09-04-6201A	LOMA	Completed	Ten Mile Canal	26.591	-81.826	9/8/2008

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Fort Myers, City of	125106	09-04-6423A	LOMA	Completed	Six Mile Cypress Slough	26.608	-81.779	N/A
Lee County	Fort Myers, City of	125106	09-04-6742A	eLOMA	Completed	Six Mile Cypress Slough	26.608	-81.778	11/19/2012
Lee County	Fort Myers, City of	125106	09-04-6942A	eLOMA	Completed	Six Mile Cypress Slough	26.574	-81.811	8/4/2010
Lee County	Fort Myers, City of	125106	09-04-6942A	LOMA	Completed	Six Mile Cypress Slough	26.608	-81.779	8/3/2010
Lee County	Fort Myers, City of	125106	09-04-7117A	LOMA	Completed	Six Mile Cypress Slough	26.578	-81.806	1/5/2009
Lee County	Fort Myers, City of	125106	09-04-7172A	LOMA	Completed	Ten Mile Canal	26.598	-81.848	5/13/2013
Lee County	Fort Myers, City of	125106	09-04-7546A	LOMR-F	Completed	Six Mile Cypress Slough	26.594	-81.795	3/3/2009
Lee County	Fort Myers, City of	125106	09-04-7935A	LOMA	Completed	Six Mile Cypress Slough	26.598	-81.796	N/A
Lee County	Fort Myers, City of	125106	09-04-7935A	LOMA	Completed	Six Mile Cypress Slough	26.599	-81.796	N/A
Lee County	Fort Myers, City of	125106	09-04-8455A	LOMA	Completed	Six Mile Cypress Slough	26.581	-81.804	9/21/2010
Lee County	Fort Myers, City of	125106	09-04-8455A	LOMA	Completed	Six Mile Cypress Slough	26.574	-81.818	9/10/2010
Lee County	Fort Myers, City of	125106	10-04-0019A	LOMA	Completed	Six Mile Cypress Slough	26.605	-81.782	12/23/2008
Lee County	Fort Myers, City of	125106	10-04-0108A	LOMA	Completed	Six Mile Cypress Slough	26.574	-81.818	11/1/2010
Lee County	Fort Myers, City of	125106	10-04-0235A	LOMA	Completed	Ten Mile Canal	26.586	-81.825	3/17/2009
Lee County	Fort Myers, City of	125106	10-04-1331A	LOMR-F	Completed	Six Mile Cypress Slough	26.594	-81.795	5/28/2010
Lee County	Fort Myers, City of	125106	10-04-1374A	LOMR-F	Completed	Six Mile Cypress Slough	26.582	-81.813	N/A
Lee County	Fort Myers, City of	125106	10-04-2212A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.781	4/28/2009
Lee County	Fort Myers, City of	125106	10-04-3283A	LOMR-F	Completed	Six Mile Cypress Slough	26.589	-81.785	2/5/2009
Lee County	Fort Myers, City of	125106	10-04-5306A	LOMR-F	Completed	Six Mile Cypress Slough	26.592	-81.785	8/21/2009
Lee County	Fort Myers, City of	125106	10-04-5843A	LOMA	Completed	Six Mile Cypress Slough	26.589	-81.785	4/26/2012
Lee County	Fort Myers, City of	125106	10-04-6561A	LOMR-F	Completed	Six Mile Cypress Slough	26.600	-81.797	4/28/2011
Lee County	Fort Myers, City of	125106	10-04-6561A	eLOMA	Completed	Six Mile Cypress Slough	26.573	-81.809	3/7/2011
Lee County	Fort Myers, City of	125106	10-04-6860A	LOMA	Completed	Six Mile Cypress Slough	26.604	-81.789	3/22/2011
Lee County	Fort Myers, City of	125106	10-04-6860A	LOMR-F	Completed	Six Mile Cypress Slough	26.570	-81.816	8/18/2010
Lee County	Fort Myers, City of	125106	10-04-6860A	LOMA	Completed	Six Mile Cypress Slough	26.608	-81.779	6/30/2010
Lee County	Fort Myers, City of	125106	10-04-7404A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.776	N/A
Lee County	Fort Myers, City of	125106	10-04-7412A	LOMA	Completed	Ford Street Canal	26.627	-81.848	10/29/2009
Lee County	Fort Myers, City of	125106	10-04-7917A	eLOMA	Completed	Six Mile Cypress Slough	26.606	-81.780	3/20/2009
Lee County	Fort Myers, City of	125106	10-04-7931A	LOMA	Completed	Billy Creek	26.661	-81.815	4/21/2009
Lee County	Fort Myers, City of	125106	10-04-8431A	eLOMA	Completed	Six Mile Cypress Slough	26.573	-81.809	1/11/2010
Lee County	Fort Myers, City of	125106	10-04-8431A	LOMA	Completed	Ford Street Canal	26.627	-81.848	12/23/2009
Lee County	Fort Myers, City of	125106	11-04-0697A	eLOMA	Completed	Six Mile Cypress Slough	26.605	-81.778	7/24/2009

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Fort Myers, City of	125106	11-04-1616A	eLOMA	Completed	Six Mile Cypress Slough	26.575	-81.819	8/5/2010
Lee County	Fort Myers, City of	125106	11-04-2141A	LOMR-F	Completed	Six Mile Cypress Slough	26.607	-81.793	4/8/2010
Lee County	Fort Myers, City of	125106	11-04-2141A	LOMA	Completed	Six Mile Cypress Slough	26.581	-81.806	4/6/2010
Lee County	Fort Myers, City of	125106	11-04-2197A	eLOMA	Completed	Six Mile Cypress Slough	26.605	-81.780	2/11/2009
Lee County	Fort Myers, City of	125106	11-04-2197A	LOMA	Completed	Ten Mile Canal	26.587	-81.824	2/10/2009
Lee County	Fort Myers, City of	125106	11-04-2764A	LOMR-F	Completed	Six Mile Cypress Slough	26.572	-81.822	N/A
Lee County	Fort Myers, City of	125106	11-04-2764A	LOMA	Completed	Ten Mile Canal	26.586	-81.825	N/A
Lee County	Fort Myers, City of	125106	11-04-2764A	LOMA	Completed	Ten Mile Canal	26.586	-81.825	N/A
Lee County	Fort Myers, City of	125106	11-04-2764A	LOMA	Completed	Ten Mile Canal	26.587	-81.824	N/A
Lee County	Fort Myers, City of	125106	11-04-3336A	eLOMA	Completed	Six Mile Cypress Slough	26.580	-81.803	8/1/2012
Lee County	Fort Myers, City of	125106	11-04-5538A	LOMA	Completed	Six Mile Cypress Slough	26.579	-81.800	7/8/2009
Lee County	Fort Myers, City of	125106	11-04-5538A	LOMA	Completed	Six Mile Cypress Slough	26.593	-81.785	6/30/2009
Lee County	Fort Myers, City of	125106	11-04-5966A	LOMA	Completed	Ten Mile Canal	26.601	-81.844	N/A
Lee County	Fort Myers, City of	125106	11-04-8098A	LOMA	Completed	Ford Street Canal	26.627	-81.848	N/A
Lee County	Fort Myers, City of	125106	11-04-8098A	LOMA	Completed	Ten Mile Canal	26.598	-81.848	N/A
Lee County	Fort Myers, City of	125106	11-04-8242A	eLOMA	Completed	Six Mile Cypress Slough	26.610	-81.781	12/23/2010
Lee County	Fort Myers, City of	125106	11-04-8242A	LOMR-F	Completed	Six Mile Cypress Slough	26.571	-81.814	12/21/2010
Lee County	Fort Myers, City of	125106	12-04-0882A	LOMR-F	Completed	Six Mile Cypress Slough	26.886	-81.793	3/24/2009
Lee County	Fort Myers, City of	125106	12-04-1038A	LOMR-F	Completed	Six Mile Cypress Slough	26.572	-81.822	11/13/2008
Lee County	Fort Myers, City of	125106	12-04-1038A	LOMA	Completed	Ten Mile Canal	26.588	-81.828	10/28/2008
Lee County	Fort Myers, City of	125106	12-04-1038A	LOMA	Completed	Ten Mile Canal	26.589	-81.827	10/28/2008
Lee County	Fort Myers, City of	125106	12-04-1038A	LOMA	Completed	Ten Mile Canal	26.591	-81.826	10/28/2008
Lee County	Fort Myers, City of	125106	12-04-1886A	LOMA	Completed	Six Mile Cypress Slough	26.578	-81.806	1/22/2009
Lee County	Fort Myers, City of	125106	12-04-1886A	LOMR-F	Completed	Six Mile Cypress Slough	26.604	-81.789	1/22/2009
Lee County	Fort Myers, City of	125106	12-04-2253A	LOMA	Completed	Six Mile Cypress Slough	26.583	-81.808	5/7/2009
Lee County	Fort Myers, City of	125106	12-04-2386A	LOMA	Completed	Six Mile Cypress Slough	26.605	-81.782	N/A
Lee County	Fort Myers, City of	125106	12-04-2386A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.781	N/A
Lee County	Fort Myers, City of	125106	12-04-3024A	LOMA	Completed	Billy Creek	26.661	-81.815	3/18/2009
Lee County	Fort Myers, City of	125106	12-04-3341A	LOMA	Completed	Six Mile Cypress Slough	26.603	-81.789	N/A
Lee County	Fort Myers, City of	125106	12-04-3341A	LOMA	Completed	Six Mile Cypress Slough	26.603	-81.788	N/A
Lee County	Fort Myers, City of	125106	12-04-3341A	LOMA	Completed	Six Mile Cypress Slough	26.604	-81.789	N/A
Lee County	Fort Myers, City of	125106	12-04-3341A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.789	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Fort Myers, City of	125106	12-04-3469A	LOMR-F	Completed	Six Mile Cypress Slough	26.604	-81.789	1/8/2009
Lee County	Fort Myers, City of	125106	12-04-3469A	LOMR-F	Completed	Six Mile Cypress Slough	26.886	-81.793	1/5/2009
Lee County	Fort Myers, City of	125106	12-04-3520A	LOMA	Completed	Ten Mile Canal	26.586	-81.825	2/17/2009
Lee County	Fort Myers, City of	125106	12-04-4255A	LOMA	Completed	Six Mile Cypress Slough	26.605	-81.782	12/8/2008
Lee County	Fort Myers, City of	125106	12-04-4731A	LOMA	Completed	Six Mile Cypress Slough	26.581	-81.804	9/24/2010
Lee County	Fort Myers, City of	125106	12-04-4731A	eLOMA	Completed	Six Mile Cypress Slough	26.574	-81.817	9/7/2010
Lee County	Fort Myers, City of	125106	12-04-4731A	eLOMA	Completed	Six Mile Cypress Slough	26.575	-81.811	8/30/2010
Lee County	Fort Myers, City of	125106	12-04-6522A	LOMR-F	Completed	Six Mile Cypress Slough	26.572	-81.822	N/A
Lee County	Fort Myers, City of	125106	12-04-6762A	LOMR-F	Completed	Six Mile Cypress Slough	26.592	-81.785	11/3/2009
Lee County	Fort Myers, City of	125106	13-04-0661A	eLOMA	Completed	Six Mile Cypress Slough	26.601	-81.798	8/24/2012
Lee County	Fort Myers, City of	125106	13-04-0661A	LOMA	Completed	Six Mile Cypress Slough	26.582	-81.805	8/16/2012
Lee County	Fort Myers, City of	125106	13-04-2367A	LOMR-F	Completed	Six Mile Cypress Slough	26.570	-81.816	8/17/2010
Lee County	Fort Myers, City of	125106	13-04-3531A	eLOMA	Completed	Six Mile Cypress Slough	26.573	-81.809	10/5/2009
Lee County	Fort Myers, City of	125106	13-04-3652A	LOMR-F	Completed	Six Mile Cypress Slough	26.607	-81.793	N/A
Lee County	Fort Myers, City of	125106	13-04-3652A	LOMR-F	Completed	Six Mile Cypress Slough	26.886	-81.793	N/A
Lee County	Fort Myers, City of	125106	13-04-4422A	LOMR-F	Completed	Six Mile Cypress Slough	26.582	-81.813	2/16/2012
Lee County	Fort Myers, City of	125106	13-04-4422A	eLOMA	Completed	Six Mile Cypress Slough	26.608	-81.781	2/14/2012
Lee County	Fort Myers, City of	125106	13-04-4422A	LOMA	Completed	Six Mile Cypress Slough	26.598	-81.796	2/9/2012
Lee County	Fort Myers, City of	125106	13-04-4497A	LOMA	Completed	L-3 Canal	26.590	-81.877	N/A
Lee County	Fort Myers, City of	125106	13-04-5464A	LOMA	Completed	Six Mile Cypress Slough	26.604	-81.789	1/18/2011
Lee County	Fort Myers, City of	125106	13-04-5641A	LOMA	Completed	Six Mile Cypress Slough	26.603	-81.789	6/21/2011
Lee County	Fort Myers, City of	125106	13-04-5641A	eLOMA	Completed	Six Mile Cypress Slough	26.607	-81.780	6/20/2011
Lee County	Fort Myers, City of	125106	13-04-5641A	eLOMA	Completed	Six Mile Cypress Slough	26.607	-81.779	6/10/2011
Lee County	Fort Myers, City of	125106	13-04-5823A	LOMA	Completed	Six Mile Cypress Slough	26.604	-81.789	5/10/2011
Lee County	Fort Myers, City of	125106	13-04-6408A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.776	5/23/2013
Lee County	Fort Myers, City of	125106	13-04-6555A	LOMR-F	Completed	Six Mile Cypress Slough	26.594	-81.795	6/8/2010
Lee County	Fort Myers, City of	125106	93-04-972A	LOMA	Completed	Six Mile Cypress Slough	26.599	-81.796	9/20/2011
Lee County	Fort Myers, City of	125106	94-04-922A	LOMA	Completed	Six Mile Cypress Slough	26.604	-81.789	3/15/2011
Lee County	Fort Myers, City of	125106	942-093	LOMA	Completed	Six Mile Cypress Slough	26.598	-81.796	12/23/2011
Lee County	Fort Myers, City of	125106	95-04-304A	LOMR-F	Completed	Six Mile Cypress Slough	26.582	-81.813	12/29/2011
Lee County	Fort Myers, City of	125106	97-04-1238A	LOMA	Completed	L-3 Canal	26.590	-81.877	3/9/2012
Lee County	Fort Myers, City of	125106	97-04-1708A	LOMA	Completed	Six Mile Cypress Slough	26.589	-81.785	4/20/2012

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Fort Myers, City of	125106	97-04-520A	LOMR-F	Completed	Six Mile Cypress Slough	26.600	-81.797	4/12/2011
Lee County	Fort Myers, City of	125106	97-04-874A	LOMA	Completed	Six Mile Cypress Slough	26.582	-81.805	8/7/2012
Lee County	Fort Myers, City of	125106	98-04-1034A	LOMA	Completed	Six Mile Cypress Slough	26.578	-81.803	8/21/2012
Lee County	Fort Myers, City of	125106	98-04-406A	LOMA	Completed	Six Mile Cypress Slough	26.607	-81.789	12/12/2012
Lee County	Fort Myers, City of	125106	99-04-4538A	LOMA	Completed	Ten Mile Canal	26.598	-81.848	4/1/2013
Lee County	Fort Myers, City of	125106	99-04-4586A	LOMR-F	Completed	Six Mile Cypress Slough	26.581	-81.811	4/4/2013
Lee County	Fort Myers, City of	125106	99-04-5062A	LOMA	Completed	Six Mile Cypress Slough	26.603	-81.788	6/21/2013
Lee County	Lee County*	125124	00-04-0214A	LOMA	Completed	Estero Bay	26.515	-81.856	N/A
Lee County	Lee County*	125124	00-04-1048A	LOMR-FW	Completed	Ten Mile Canal	26.513	-81.852	N/A
Lee County	Lee County*	125124	00-04-1052A	LOMA	Completed	Ten Mile Canal	26.552	-81.845	N/A
Lee County	Lee County*	125124	00-04-1436A	LOMA	Completed	South Branch	26.400	-81.776	6/2/2010
Lee County	Lee County*	125124	00-04-1572A	LOMR-FW	Completed	Trout Creek/Curry Lake Canal	26.744	-81.730	12/10/2009
Lee County	Lee County*	125124	00-04-1940A	LOMA	Completed	Ten Mile Canal	26.587	-81.841	N/A
Lee County	Lee County*	125124	00-04-2834A	LOMA	Completed	Estero River	26.448	-81.807	N/A
Lee County	Lee County*	125124	00-04-3876A	LOMA	Completed	Mullock Creek	26.464	-81.812	3/7/2011
Lee County	Lee County*	125124	00-04-4028A	LOMR-F	Completed	Estero Bay	26.424	-81.837	N/A
Lee County	Lee County*	125124	00-04-4078A	LOMR-F	Completed	Gulf of Mexico	26.424	-81.837	N/A
Lee County	Lee County*	125124	00-04-4768A	LOMR-FW	Completed	Estero River	26.443	-81.799	6/24/2010
Lee County	Lee County*	125124	00-04-4842A	LOMA	Completed	Ten Mile Canal	26.564	-81.845	N/A
Lee County	Lee County*	125124	00-04-5478A	LOMA	Completed	Caloosahatchee River	N/A	N/A	11/16/2004
Lee County	Lee County*	125124	00-04-5622A	LOMR-FW	Completed	South Branch	26.428	-81.794	3/1/2011
Lee County	Lee County*	125124	00-04-5868A	LOMR-F	Completed	Ten Mile Canal	26.571	-81.849	N/A
Lee County	Lee County*	125124	00-04-5948A	LOMA	Completed	East Branch Daughtrey Creek	26.754	-81.829	N/A
Lee County	Lee County*	125124	00-04-5966A	LOMA	Completed	Mullock Creek	26.467	-81.808	6/1/2009
Lee County	Lee County*	125124	01-04-0302A	LOMR-F	Completed	Powell Creek Tributary No. 4	26.762	-81.923	4/27/2009
Lee County	Lee County*	125124	01-04-0864A	LOMA	Completed	Mullock Creek	26.473	-81.826	N/A
Lee County	Lee County*	125124	01-04-1960A	LOMA	Completed	Estero River	26.443	-81.801	N/A
Lee County	Lee County*	125124	01-04-3496A	LOMA	Completed	Hendry Creek	26.485	-81.839	N/A
Lee County	Lee County*	125124	01-04-3578A	LOMR-FW	Completed	Ten Mile Canal	26.558	-81.851	N/A
Lee County	Lee County*	125124	01-04-3990A	LOMA	Completed	Ten Mile Canal	26.552	-81.846	N/A
Lee County	Lee County*	125124	01-04-6110A	LOMA	Completed	Ten Mile Canal	26.589	-81.841	N/A
Lee County	Lee County*	125124	01-04-6112A	LOMA	Completed	Gulf of Mexico	26.515	-81.856	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	01-04-6114A	LOMA	Completed	Mullock Creek	26.480	-81.813	N/A
Lee County	Lee County*	125124	01-04-6296A	LOMA	Completed	Mullock Creek	26.469	-81.821	N/A
Lee County	Lee County*	125124	01-04-7184A	LOMA	Completed	Local Flooding	26.766	-81.923	N/A
Lee County	Lee County*	125124	01-04-7206A	LOMR-FW	Completed	South Branch	26.422	-81.785	5/12/2010
Lee County	Lee County*	125124	02-04-2548A	LOMA	Completed	South Branch	26.407	-81.777	11/12/2010
Lee County	Lee County*	125124	02-04-2888A	LOMA	Completed	Ten Mile Canal	26.575	-81.842	6/23/2009
Lee County	Lee County*	125124	02-04-4782A	LOMA	Completed	Ten Mile Canal	26.535	-81.853	N/A
Lee County	Lee County*	125124	02-04-5876A	LOMA	Completed	Ten Mile Canal	26.557	-81.841	N/A
Lee County	Lee County*	125124	02-04-8354A	LOMA	Completed	Ten Mile Canal	26.542	-81.853	N/A
Lee County	Lee County*	125124	02-04-9136A	LOMA	Completed	Ten Mile Canal	26.588	-81.840	N/A
Lee County	Lee County*	125124	03-04-0220A	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.852	N/A
Lee County	Lee County*	125124	03-04-1612A	LOMA	Completed	Mullock Creek	26.481	-81.808	1/27/2009
Lee County	Lee County*	125124	03-04-1754A	LOMA	Completed	Ten Mile Canal	26.598	-81.846	N/A
Lee County	Lee County*	125124	03-04-1886A	LOMR-FW	Completed	Estero River	26.447	-81.794	4/24/2009
Lee County	Lee County*	125124	03-04-8762A	LOMA	Completed	South Branch	26.438	-81.791	N/A
Lee County	Lee County*	125124	03-04-9090A	LOMA	Completed	Local Flooding	26.766	-81.922	N/A
Lee County	Lee County*	125124	04-04-0644A	LOMA	Completed	Mullock Creek	26.484	-81.828	N/A
Lee County	Lee County*	125124	04-04-1088A	LOMA	Completed	Mullock Creek	26.484	-81.828	7/10/2009
Lee County	Lee County*	125124	04-04-2878A	LOMR-F	Completed	Ten Mile Canal	26.571	-81.849	12/23/2008
Lee County	Lee County*	125124	04-04-5704A	LOMA	Completed	Estero Bay	26.515	-81.856	2/1/2012
Lee County	Lee County*	125124	04-04-7362A	LOMA	Completed	Ten Mile Canal	26.568	-81.849	N/A
Lee County	Lee County*	125124	04-04-7814A	LOMA	Completed	Mullock Creek	26.479	-81.811	7/10/2009
Lee County	Lee County*	125124	04-04-B237A	LOMA	Completed	Mullock Creek	26.480	-81.813	5/12/2011
Lee County	Lee County*	125124	04-04-B237A	LOMA	Completed	Ten Mile Canal	26.542	-81.853	4/14/2011
Lee County	Lee County*	125124	05-04-1511A	LOMA	Completed	Halfway Creek	26.409	-81.819	6/27/2011
Lee County	Lee County*	125124	05-04-4314A	LOMA	Completed	Bedman Creek / Dog Canal	26.644	-81.596	8/8/2011
Lee County	Lee County*	125124	05-04-4314A	LOMA	Completed	Caloosahatchee River	26.707	-81.752	7/6/2011
Lee County	Lee County*	125124	06-04-B951A	LOMA	Completed	Orange River	26.679	-81.755	N/A
Lee County	Lee County*	125124	06-04-B951A	LOMR-F	Completed	South Branch	26.415	-81.785	N/A
Lee County	Lee County*	125124	06-04-BC00A	LOMA	Completed	Ten Mile Canal	26.552	-81.842	12/5/2008
Lee County	Lee County*	125124	06-04-BC00A	LOMA	Completed	Estero River	26.437	-81.796	12/4/2008
Lee County	Lee County*	125124	06-04-BC00A	LOMR-F	Completed	South Branch	26.427	-81.777	12/2/2008

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	06-04-BK46A	LOMA	Completed	Mullock Creek	26.478	-81.806	5/18/2010
Lee County	Lee County*	125124	06-04-BK46A	LOMR-F	Completed	South Branch	26.406	-81.777	5/11/2010
Lee County	Lee County*	125124	06-04-BK46A	LOMA	Completed	Local Flooding	26.767	-81.923	1/5/2010
Lee County	Lee County*	125124	06-04-BL46A	LOMA	Completed	Local Flooding	26.766	-81.902	9/20/2009
Lee County	Lee County*	125124	06-04-BL46A	LOMA	Completed	Ten Mile Canal	26.535	-81.853	7/16/2009
Lee County	Lee County*	125124	06-04-BX43A	LOMA	Completed	Mullock Creek	26.480	-81.820	3/20/2009
Lee County	Lee County*	125124	06-04-BX43A	LOMA	Completed	Ten Mile Canal	26.563	-81.846	3/20/2009
Lee County	Lee County*	125124	06-04-BX43A	LOMR-FW	Completed	South Branch	26.420	-81.783	3/17/2009
Lee County	Lee County*	125124	06-04-BX43A	LOMA	Completed	Ten Mile Canal	26.564	-81.845	2/27/2009
Lee County	Lee County*	125124	06-04-BX43A	LOMR-F	Completed	Powell Creek Tributary No. 5	26.762	-81.923	1/7/2009
Lee County	Lee County*	125124	06-04-BX52A	LOMA	Completed	Estero River	26.440	-81.802	N/A
Lee County	Lee County*	125124	06-04-C145A	LOMA	Completed	Caloosahatchee River	26.711	-81.728	3/14/2000
Lee County	Lee County*	125124	07-04-0832A	LOMA	Completed	Estero River	26.438	-81.791	11/18/2008
Lee County	Lee County*	125124	07-04-0832A	LOMA	Completed	South Branch	26.438	-81.791	11/18/2008
Lee County	Lee County*	125124	07-04-2635A	LOMA	Completed	East Branch Daughtrey Creek	26.754	-81.829	2/28/2012
Lee County	Lee County*	125124	07-04-2635A	LOMA	Completed	Gulf of Mexico	26.515	-81.856	2/1/2012
Lee County	Lee County*	125124	07-04-3264A	LOMA	Completed	Mullock Creek	26.479	-81.807	11/14/2008
Lee County	Lee County*	125124	07-04-3264A	LOMA	Completed	Local Flooding	26.765	-81.926	10/2/2008
Lee County	Lee County*	125124	07-04-3264A	LOMA	Completed	Local Flooding	26.766	-81.909	6/30/2008
Lee County	Lee County*	125124	07-04-3264A	LOMA	Completed	Local Flooding	26.769	-81.911	12/18/2007
Lee County	Lee County*	125124	07-04-4363A	LOMR-F	Completed	Estero River	26.439	-81.786	N/A
Lee County	Lee County*	125124	07-04-4363A	LOMR-FW	Completed	South Branch	26.419	-81.786	N/A
Lee County	Lee County*	125124	07-04-5777A	LOMR-FW	Completed	Estero River	26.447	-81.794	6/11/2009
Lee County	Lee County*	125124	07-04-5777A	LOMA	Completed	Ten Mile Canal	26.564	-81.845	6/11/2009
Lee County	Lee County*	125124	07-04-5777A	LOMA	Completed	Local Flooding	26.765	-81.920	6/9/2009
Lee County	Lee County*	125124	08-04-0327A	LOMA	Completed	Estero River	26.441	-81.804	N/A
Lee County	Lee County*	125124	08-04-0327A	LOMA	Completed	Estero River	26.448	-81.804	N/A
Lee County	Lee County*	125124	08-04-0327A	LOMA	Completed	Halfway Creek	26.411	-81.805	N/A
Lee County	Lee County*	125124	08-04-0420A	LOMA	Completed	Estero River	26.444	-81.803	N/A
Lee County	Lee County*	125124	08-04-0420A	LOMA	Completed	Estero River	26.448	-81.803	N/A
Lee County	Lee County*	125124	08-04-0504A	LOMA	Completed	Local Flooding	26.720	-81.899	4/3/2009
Lee County	Lee County*	125124	08-04-0504A	LOMA	Completed	Local Flooding	26.766	-81.909	3/27/2009

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	08-04-0504A	LOMR-FW	Completed	South Branch	26.416	-81.785	3/27/2009
Lee County	Lee County*	125124	08-04-0973A	LOMA	Completed	Estero River	26.438	-81.801	N/A
Lee County	Lee County*	125124	08-04-0973A	LOMA	Completed	Estero River	26.443	-81.802	N/A
Lee County	Lee County*	125124	08-04-0973A	LOMA	Completed	Estero River	26.447	-81.801	N/A
Lee County	Lee County*	125124	08-04-0973A	LOMA	Completed	Estero River	26.447	-81.801	N/A
Lee County	Lee County*	125124	08-04-2633A	LOMR-F	Completed	Gulf of Mexico; Estero Bay	26.403	-81.831	11/30/1999
Lee County	Lee County*	125124	08-04-3532A	LOMA	Completed	South Branch	26.399	-81.783	2/28/2013
Lee County	Lee County*	125124	08-04-3532A	LOMA	Completed	Hickey Creek Drainageway	26.675	-81.662	2/7/2013
Lee County	Lee County*	125124	08-04-3532A	LOMA	Completed	South Branch	26.397	-81.781	1/3/2013
Lee County	Lee County*	125124	08-04-3937A	LOMA	Completed	South Branch	26.416	-81.785	N/A
Lee County	Lee County*	125124	08-04-3937A	LOMR-FW	Completed	South Branch	26.416	-81.785	N/A
Lee County	Lee County*	125124	08-04-4452A	LOMR-FW	Completed	South Branch	26.422	-81.785	N/A
Lee County	Lee County*	125124	08-04-4452A	LOMR-FW	Completed	South Branch	26.442	-81.785	N/A
Lee County	Lee County*	125124	08-04-4742A	LOMA	Completed	Estero River	26.443	-81.801	N/A
Lee County	Lee County*	125124	08-04-4742A	LOMA	Completed	Estero River	26.445	-81.799	N/A
Lee County	Lee County*	125124	08-04-4742A	LOMR-FW	Completed	Estero River	26.443	-81.799	N/A
Lee County	Lee County*	125124	08-04-6472A	LOMR-F	Completed	Powell Creek Tributary No. 1	26.759	-81.922	11/30/2000
Lee County	Lee County*	125124	08-04-6763A	LOMA	Completed	Mullock Creek	26.468	-81.815	N/A
Lee County	Lee County*	125124	08-04-6763A	LOMA	Completed	Mullock Creek	26.480	-81.815	N/A
Lee County	Lee County*	125124	08-04-6856A	LOMR-F	Completed	Fish Trap Bay	26.366	-81.792	4/4/2008
Lee County	Lee County*	125124	08-04-6856A	LOMA	Completed	Hendry Creek	26.485	-81.839	2/26/2008
Lee County	Lee County*	125124	08-04-6856A	LOMA	Completed	Local Flooding	26.769	-81.911	11/28/2007
Lee County	Lee County*	125124	09-04-0417A	LOMR-F	Completed	South Branch	26.406	-81.777	N/A
Lee County	Lee County*	125124	09-04-0417A	LOMR-F	Completed	South Branch	26.427	-81.777	N/A
Lee County	Lee County*	125124	09-04-0637A	LOMA	Completed	Caloosahatchee River	26.510	-81.962	N/A
Lee County	Lee County*	125124	09-04-0637A	LOMA	Completed	Local Flooding	26.765	-81.926	N/A
Lee County	Lee County*	125124	09-04-0637A	LOMA	Completed	Local Flooding	26.766	-81.924	N/A
Lee County	Lee County*	125124	09-04-0637A	LOMA	Completed	Local Flooding	26.767	-81.923	N/A
Lee County	Lee County*	125124	09-04-0637A	LOMA	Completed	Local Flooding	26.769	-81.924	N/A
Lee County	Lee County*	125124	09-04-0637A	LOMR-F	Completed	Local Flooding	26.769	-81.925	N/A
Lee County	Lee County*	125124	09-04-0637A	LOMR-F	Completed	Powell Creek Tributary No. 3	26.762	-81.923	N/A
Lee County	Lee County*	125124	09-04-0675A	LOMA	Completed	Estero River	26.454	-81.790	1/12/2009

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	09-04-0675A	LOMA	Completed	Mullock Creek	26.481	-81.808	1/12/2009
Lee County	Lee County*	125124	09-04-0677A	LOMA	Completed	Ten Mile Canal	26.561	-81.846	6/23/2009
Lee County	Lee County*	125124	09-04-0677A	eLOMA	Completed	Ten Mile Canal	26.559	-81.849	6/17/2009
Lee County	Lee County*	125124	09-04-0677A	LOMR-FW	Completed	South Branch	26.420	-81.783	6/11/2009
Lee County	Lee County*	125124	09-04-0680A	LOMA	Completed	Estero River	26.445	-81.799	8/8/2013
Lee County	Lee County*	125124	09-04-0680A	LOMR-FW	Completed	Estero River	26.445	-81.796	8/1/2013
Lee County	Lee County*	125124	09-04-0680A	LOMA	Completed	Caloosahatchee River	26.586	-81.898	7/25/2013
Lee County	Lee County*	125124	09-04-0680A	LOMA	Completed	South Branch	26.412	-81.779	6/25/2013
Lee County	Lee County*	125124	09-04-0742A	LOMA	Completed	Caloosahatchee River	N/A	N/A	2/4/2005
Lee County	Lee County*	125124	09-04-0742A	LOMA	Completed	Caloosahatchee River	N/A	N/A	1/27/2005
Lee County	Lee County*	125124	09-04-0742A	LOMR-F	Completed	Imperial River; Fish Trap Bay	26.359	-81.792	3/22/2004
Lee County	Lee County*	125124	09-04-0744A	LOMR-FW	Completed	Mullock Creek	26.474	-81.823	8/12/2009
Lee County	Lee County*	125124	09-04-0744A	LOMA	Completed	Estero River	26.456	-81.792	8/5/2009
Lee County	Lee County*	125124	09-04-0744A	LOMA	Completed	Mullock Creek	26.480	-81.815	8/4/2009
Lee County	Lee County*	125124	09-04-0744A	LOMA	Completed	South Branch	26.405	-81.784	8/4/2009
Lee County	Lee County*	125124	09-04-0825A	LOMA	Completed	Estero River	26.447	-81.807	11/1/2010
Lee County	Lee County*	125124	09-04-0828A	eLOMA	Completed	Mullock Creek	26.483	-81.811	11/23/2011
Lee County	Lee County*	125124	09-04-0828A	eLOMA	Completed	Estero River	26.440	-81.804	11/2/2011
Lee County	Lee County*	125124	09-04-0828A	LOMA	Completed	Mullock Creek	26.473	-81.822	11/1/2011
Lee County	Lee County*	125124	09-04-0946A	LOMA	Completed	Caloosahatchee River	N/A	N/A	11/4/1998
Lee County	Lee County*	125124	09-04-0946A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	10/21/1998
Lee County	Lee County*	125124	09-04-0946A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	9/18/1998
Lee County	Lee County*	125124	09-04-0946A	LOMR-F	Completed	Estero Bay	N/A	N/A	8/26/1998
Lee County	Lee County*	125124	09-04-1215A	LOMA	Completed	Caloosahatchee River	26.707	-81.752	N/A
Lee County	Lee County*	125124	09-04-1215A	LOMA	Completed	Orange River	26.679	-81.755	N/A
Lee County	Lee County*	125124	09-04-1215A	LOMA	Completed	Telegraph Creek	26.737	-81.683	N/A
Lee County	Lee County*	125124	09-04-1215A	LOMR-FW	Completed	Trout Creek/Curry Lake Canal	26.744	-81.730	N/A
Lee County	Lee County*	125124	09-04-1222A	LOMA	Completed	Local Flooding	26.766	-81.922	2/27/2009
Lee County	Lee County*	125124	09-04-1253A	LOMA	Completed	Halfway Creek	26.417	-81.807	4/2/2013
Lee County	Lee County*	125124	09-04-1253A	LOMR-FW	Completed	Halfway Creek	26.412	-81.806	3/28/2013
Lee County	Lee County*	125124	09-04-1253A	LOMA	Completed	South Branch	26.397	-81.781	3/19/2013
Lee County	Lee County*	125124	09-04-1319A	LOMR-F	Completed	Daughtrey Creek	N/A	N/A	11/17/1994

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	09-04-1321A	LOMA	Completed	Mullock Creek	26.482	-81.812	5/12/2009
Lee County	Lee County*	125124	09-04-1321A	LOMA	Completed	Six Mile Cypress Slough	26.570	-81.805	5/12/2009
Lee County	Lee County*	125124	09-04-1321A	LOMA	Completed	Ten Mile Canal	26.557	-81.841	5/12/2009
Lee County	Lee County*	125124	09-04-1498A	LOMA	Completed	Mullock Creek	26.477	-81.809	N/A
Lee County	Lee County*	125124	09-04-1498A	LOMA	Completed	Mullock Creek	26.481	-81.808	N/A
Lee County	Lee County*	125124	09-04-1498A	LOMA	Completed	Mullock Creek	26.483	-81.808	N/A
Lee County	Lee County*	125124	09-04-1589A	LOMA	Completed	Estero Bay	26.515	-81.856	3/13/2012
Lee County	Lee County*	125124	09-04-1589A	LOMA	Completed	Gulf of Mexico	26.515	-81.856	3/13/2012
Lee County	Lee County*	125124	09-04-1589A	eLOMA	Completed	South Branch	26.422	-81.794	2/28/2012
Lee County	Lee County*	125124	09-04-1589A	LOMA	Completed	South Branch	26.397	-81.781	2/28/2012
Lee County	Lee County*	125124	09-04-1623A	CLOMR-F	Completed	Caloosahatchee River	N/A	N/A	11/25/1998
Lee County	Lee County*	125124	09-04-1762A	LOMR-F	Completed	Caloosahatchee River	26.718	-81.704	4/17/2002
Lee County	Lee County*	125124	09-04-1772A	LOMA	Completed	Caloosahatchee River	26.585	-81.897	7/30/2009
Lee County	Lee County*	125124	09-04-1775A	LOMA	Completed	Local Flooding	26.766	-81.924	10/4/2012
Lee County	Lee County*	125124	09-04-1815A	LOMA	Completed	Local Flooding	26.766	-81.920	12/6/2007
Lee County	Lee County*	125124	09-04-1815A	LOMA	Completed	Local Flooding	26.769	-81.916	12/6/2007
Lee County	Lee County*	125124	09-04-1853A	LOMA	Completed	Estero River	26.443	-81.801	9/10/2013
Lee County	Lee County*	125124	09-04-1916A	LOMA	Completed	Estero River	26.444	-81.803	8/20/2013
Lee County	Lee County*	125124	09-04-1916A	eLOMA	Completed	Ponding/Overland Flow	26.440	-81.785	8/16/2013
Lee County	Lee County*	125124	09-04-1916A	LOMA	Completed	Estero River	26.448	-81.792	8/13/2013
Lee County	Lee County*	125124	09-04-1919A	LOMA	Completed	Local Flooding	26.720	-81.899	5/19/2009
Lee County	Lee County*	125124	09-04-1919A	LOMA	Completed	Local Flooding	26.769	-81.924	5/19/2009
Lee County	Lee County*	125124	09-04-1919A	LOMA	Completed	Mullock Creek	26.480	-81.820	5/14/2009
Lee County	Lee County*	125124	09-04-2138A	LOMA	Completed	Orange River	26.679	-81.755	4/16/2009
Lee County	Lee County*	125124	09-04-2138A	LOMA	Completed	Ten Mile Canal	26.589	-81.841	4/14/2009
Lee County	Lee County*	125124	09-04-2209C	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.594	6/5/2009
Lee County	Lee County*	125124	09-04-2263A	LOMR-F	Completed	Imperial River	26.344	-81.754	2/27/2002
Lee County	Lee County*	125124	09-04-2263A	LOMR-F	Completed	Gulf of Mexico; Estero Bay	26.399	-81.831	2/20/2002
Lee County	Lee County*	125124	09-04-2468A	LOMA	Completed	Local Flooding	26.766	-81.923	4/9/2013
Lee County	Lee County*	125124	09-04-2468A	LOMA	Completed	Halfway Creek	26.411	-81.805	4/2/2013
Lee County	Lee County*	125124	09-04-2536A	LOMR-F	Completed	Fish Trap Bay	26.366	-81.792	5/30/2008
Lee County	Lee County*	125124	09-04-2536A	LOMA	Completed	Hendry Creek	26.485	-81.839	3/27/2008

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	09-04-2536A	LOMA	Completed	Local Flooding	26.769	-81.911	3/13/2008
Lee County	Lee County*	125124	09-04-2545A	LOMA	Completed	Ten Mile Canal	26.557	-81.841	4/1/2009
Lee County	Lee County*	125124	09-04-2583A	LOMA	Completed	Ten Mile Canal	26.568	-81.849	3/25/2010
Lee County	Lee County*	125124	09-04-2583A	LOMR-FW	Completed	Ten Mile Canal	26.566	-81.848	3/25/2010
Lee County	Lee County*	125124	09-04-2583A	LOMR-FW	Completed	Estero River	26.442	-81.797	3/18/2010
Lee County	Lee County*	125124	09-04-2608A	LOMA	Completed	Hendry Creek	26.531	-81.860	4/28/2009
Lee County	Lee County*	125124	09-04-2851A	LOMR-F	Completed	Estero Bay	N/A	N/A	7/14/1997
Lee County	Lee County*	125124	09-04-2851A	LOMA	Completed	Caloosahatchee River	N/A	N/A	6/20/1997
Lee County	Lee County*	125124	09-04-2892A	LOMR-F	Completed	Chapel Branch Creek	26.731	-81.831	8/29/2006
Lee County	Lee County*	125124	09-04-2946A	LOMR-F	Completed	Gulf of Mexico	N/A	N/A	7/22/1997
Lee County	Lee County*	125124	09-04-3014A	LOMA	Completed	Imperial River	N/A	N/A	1/6/1998
Lee County	Lee County*	125124	09-04-3015A	LOMR-F	Completed	Chapel Branch Creek	26.731	-81.831	9/5/2006
Lee County	Lee County*	125124	09-04-3015A	LOMA	Completed	Ponding	26.768	-81.915	8/18/2006
Lee County	Lee County*	125124	09-04-3096A	LOMA	Completed	Estero River	26.448	-81.806	N/A
Lee County	Lee County*	125124	09-04-3096A	LOMA	Completed	Mullock Creek	26.478	-81.806	N/A
Lee County	Lee County*	125124	09-04-3096A	LOMA	Completed	Six Mile Cypress Slough	26.568	-81.806	N/A
Lee County	Lee County*	125124	09-04-3209A	LOMA	Completed	Estero River	26.448	-81.796	N/A
Lee County	Lee County*	125124	09-04-3209A	LOMR-FW	Completed	Estero River	26.442	-81.797	N/A
Lee County	Lee County*	125124	09-04-3246A	LOMA	Completed	Ten Mile Canal	26.540	-81.842	3/10/2009
Lee County	Lee County*	125124	09-04-3246A	LOMR-FW	Completed	South Branch	26.420	-81.783	3/9/2009
Lee County	Lee County*	125124	09-04-3246A	LOMR-FW	Completed	South Branch	26.416	-81.785	3/5/2009
Lee County	Lee County*	125124	09-04-3248A	LOMA	Completed	Local Flooding	26.766	-81.909	6/5/2008
Lee County	Lee County*	125124	09-04-3248A	LOMA	Completed	Hendry Creek	26.530	-81.860	5/21/2008
Lee County	Lee County*	125124	09-04-3248A	LOMA	Completed	Caloosahatchee River	26.545	-81.869	4/23/2008
Lee County	Lee County*	125124	09-04-3248A	LOMR-F	Completed	Imperial River	26.366	-81.792	4/4/2008
Lee County	Lee County*	125124	09-04-3297A	LOMA	Completed	Mullock Creek	26.466	-81.810	1/21/2009
Lee County	Lee County*	125124	09-04-3297A	LOMA	Completed	Ten Mile Canal	26.587	-81.841	1/21/2009
Lee County	Lee County*	125124	09-04-3340A	LOMA	Completed	Caloosahatchee River	N/A	N/A	6/10/1999
Lee County	Lee County*	125124	09-04-3398A	LOMA	Completed	Estero River	26.454	-81.790	N/A
Lee County	Lee County*	125124	09-04-3420A	LOMR-F	Completed	Caloosahatchee River	26.714	-81.731	10/26/2001
Lee County	Lee County*	125124	09-04-3447A	LOMA	Completed	Caloosahatchee River	N/A	N/A	12/18/1995
Lee County	Lee County*	125124	09-04-3447A	LOMA	Completed	Caloosahatchee River	N/A	N/A	11/21/1994

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	09-04-3566A	LOMA	Completed	Estero River	26.448	-81.807	7/14/2009
Lee County	Lee County*	125124	09-04-3566A	LOMA	Completed	Mullock Creek	26.467	-81.808	7/7/2009
Lee County	Lee County*	125124	09-04-3566A	eLOMA	Completed	Estero River	26.449	-81.806	6/30/2009
Lee County	Lee County*	125124	09-04-3566A	LOMR-F	Completed	Estero River	26.441	-81.784	6/25/2009
Lee County	Lee County*	125124	09-04-3585A	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.586	N/A
Lee County	Lee County*	125124	09-04-3595A	LOMA	Completed	Ten Mile Canal	26.552	-81.846	12/7/2010
Lee County	Lee County*	125124	09-04-3595A	LOMA	Completed	Mullock Creek	26.485	-81.810	10/14/2010
Lee County	Lee County*	125124	09-04-3601A	LOMA	Completed	Local Flooding	26.534	-81.874	5/29/2007
Lee County	Lee County*	125124	09-04-3796A	LOMR-FW	Completed	Estero River	26.445	-81.796	N/A
Lee County	Lee County*	125124	09-04-3796A	LOMR-FW	Completed	Estero River	26.447	-81.794	N/A
Lee County	Lee County*	125124	09-04-3805A	LOMA	Completed	Bedman Creek / Dog Canal	26.627	-81.597	11/17/2009
Lee County	Lee County*	125124	09-04-3805A	LOMA	Completed	Estero River	26.441	-81.804	11/12/2009
Lee County	Lee County*	125124	09-04-3805A	LOMA	Completed	Estero River	26.445	-81.803	11/12/2009
Lee County	Lee County*	125124	09-04-3866A	LOMA	Completed	Ten Mile Canal	26.563	-81.846	3/16/2009
Lee County	Lee County*	125124	09-04-3866A	LOMA	Completed	Powell Creek	26.686	-81.877	3/12/2009
Lee County	Lee County*	125124	09-04-3981A	LOMA	Completed	Estero River	26.440	-81.784	N/A
Lee County	Lee County*	125124	09-04-3981A	LOMR-F	Completed	Estero River	26.441	-81.784	N/A
Lee County	Lee County*	125124	09-04-3981A	LOMA	Completed	South Branch	26.405	-81.784	N/A
Lee County	Lee County*	125124	09-04-3981A	LOMA	Completed	South Branch	26.415	-81.785	N/A
Lee County	Lee County*	125124	09-04-3981A	LOMR-F	Completed	South Branch	26.415	-81.785	N/A
Lee County	Lee County*	125124	09-04-3981A	LOMR-FW	Completed	South Branch	26.420	-81.783	N/A
Lee County	Lee County*	125124	09-04-3981A	LOMR-FW	Completed	South Branch	26.420	-81.783	N/A
Lee County	Lee County*	125124	09-04-4035A	LOMA	Completed	Estero River	26.448	-81.806	5/21/2009
Lee County	Lee County*	125124	09-04-4035A	LOMA	Completed	Local Flooding	26.766	-81.922	5/21/2009
Lee County	Lee County*	125124	09-04-4035A	LOMA	Completed	South Branch	26.416	-81.785	5/19/2009
Lee County	Lee County*	125124	09-04-4036A	eLOMA	Completed	Mullock Creek	26.817	-81.815	10/28/2009
Lee County	Lee County*	125124	09-04-4036A	LOMA	Completed	Estero River	26.447	-81.801	10/16/2009
Lee County	Lee County*	125124	09-04-4036A	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.586	10/15/2009
Lee County	Lee County*	125124	09-04-4039A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	9/29/1999
Lee County	Lee County*	125124	09-04-4065A	LOMA	Completed	Mullock Creek	26.482	-81.811	N/A
Lee County	Lee County*	125124	09-04-4082A	LOMR-FW	Completed	South Branch	26.413	-81.780	7/15/2010
Lee County	Lee County*	125124	09-04-4195A	LOMA	Completed	Estero River	26.454	-81.790	1/27/2009

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	09-04-4308A	LOMA	Completed	Ten Mile Canal	26.598	-81.846	6/7/2012
Lee County	Lee County*	125124	09-04-4308A	LOMA	Completed	Estero River	26.440	-81.784	5/3/2012
Lee County	Lee County*	125124	09-04-4374A	LOMA	Completed	Six Mile Cypress Slough	26.568	-81.806	9/3/2009
Lee County	Lee County*	125124	09-04-4374A	LOMA	Completed	Mullock Creek	26.479	-81.811	8/13/2009
Lee County	Lee County*	125124	09-04-4508A	eLOMA	Completed	Mullock Creek	26.464	-81.813	6/2/2009
Lee County	Lee County*	125124	09-04-4508A	eLOMA	Completed	Estero River	26.453	-81.792	5/29/2009
Lee County	Lee County*	125124	09-04-4508A	LOMA	Completed	South Branch	26.413	-81.781	5/21/2009
Lee County	Lee County*	125124	09-04-4684A	LOMA	Completed	Estero River	26.441	-81.803	N/A
Lee County	Lee County*	125124	09-04-4684A	LOMA	Completed	Estero River	26.445	-81.803	N/A
Lee County	Lee County*	125124	09-04-4939A	LOMR-F	Completed	Powell Creek Tributary No. 2	26.762	-81.923	12/17/2008
Lee County	Lee County*	125124	09-04-4939A	LOMA	Completed	Mullock Creek	26.483	-81.808	12/10/2008
Lee County	Lee County*	125124	09-04-5027A	LOMR-F	Completed	Caloosahatchee River	N/A	N/A	6/14/1996
Lee County	Lee County*	125124	09-04-5395A	LOMA	Completed	Mullock Creek	26.467	-81.818	N/A
Lee County	Lee County*	125124	09-04-5467A	LOMR-F	Completed	South Branch	26.427	-81.777	1/6/2009
Lee County	Lee County*	125124	09-04-5567A	LOMA	Completed	Estero River	26.441	-81.803	12/29/2010
Lee County	Lee County*	125124	09-04-5666A	LOMR-F	Completed	Spring Creek	26.359	-81.792	2/3/2009
Lee County	Lee County*	125124	09-04-5679A	LOMR-F	Completed	Poash Creek	N/A	N/A	8/3/1999
Lee County	Lee County*	125124	09-04-5882A	LOMA	Completed	Hickey Creek Drainageway	26.675	-81.662	N/A
Lee County	Lee County*	125124	09-04-6179A	LOMA	Completed	Ten Mile Canal	26.535	-81.853	9/10/2009
Lee County	Lee County*	125124	09-04-6196A	LOMA	Completed	Estero River	26.448	-81.792	N/A
Lee County	Lee County*	125124	09-04-6196A	LOMA	Completed	Estero River	26.456	-81.792	N/A
Lee County	Lee County*	125124	09-04-6196A	LOMR-F	Completed	Spring Creek	26.359	-81.792	N/A
Lee County	Lee County*	125124	09-04-6201A	LOMA	Completed	Local Flooding	26.765	-81.926	9/23/2008
Lee County	Lee County*	125124	09-04-6220A	LOMA	Completed	Imperial River; Fish Trap Bay	26.357	-81.799	9/21/2000
Lee County	Lee County*	125124	09-04-6220A	LOMA	Completed	Caloosahatchee River	26.721	-81.704	9/14/2000
Lee County	Lee County*	125124	09-04-6222A	LOMA	Completed	Estero River	26.438	-81.791	N/A
Lee County	Lee County*	125124	09-04-6396A	LOMA	Completed	Mullock Creek	26.467	-81.818	2/10/2011
Lee County	Lee County*	125124	09-04-6423A	LOMA	Completed	South Branch	26.412	-81.779	N/A
Lee County	Lee County*	125124	09-04-6423A	LOMR-FW	Completed	South Branch	26.413	-81.780	N/A
Lee County	Lee County*	125124	09-04-6727A	LOMA	Completed	Ten Mile Canal	26.575	-81.842	6/11/2009
Lee County	Lee County*	125124	09-04-6742A	LOMA	Completed	South Branch	26.397	-81.781	11/6/2012
Lee County	Lee County*	125124	09-04-6742A	LOMR-FW	Completed	Ten Mile Canal	26.513	-81.852	10/30/2012

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	09-04-6942A	LOMA	Completed	South Branch	26.400	-81.776	7/15/2010
Lee County	Lee County*	125124	09-04-7081A	LOMA	Completed	Local Flooding	26.765	-81.920	N/A
Lee County	Lee County*	125124	09-04-7081A	LOMA	Completed	Local Flooding	26.766	-81.920	N/A
Lee County	Lee County*	125124	09-04-7081A	LOMA	Completed	Local Flooding	26.770	-81.922	N/A
Lee County	Lee County*	125124	09-04-7085A	LOMA	Completed	Local Flooding	26.769	-81.916	10/25/2007
Lee County	Lee County*	125124	09-04-7085A	LOMA	Completed	Local Flooding	26.766	-81.920	10/22/2007
Lee County	Lee County*	125124	09-04-7117A	LOMA	Completed	Mullock Creek	26.489	-81.823	1/5/2009
Lee County	Lee County*	125124	09-04-7117A	LOMA	Completed	Ten Mile Canal	26.589	-81.842	12/23/2008
Lee County	Lee County*	125124	09-04-7123A	LOMA	Completed	Estero River	26.438	-81.791	12/16/2008
Lee County	Lee County*	125124	09-04-7123A	LOMA	Completed	Estero River	26.448	-81.796	12/16/2008
Lee County	Lee County*	125124	09-04-7172A	LOMA	Completed	Caloosahatchee River	26.561	-81.898	5/23/2013
Lee County	Lee County*	125124	09-04-7172A	LOMR-FW	Completed	Halfway Creek	26.413	-81.806	5/13/2013
Lee County	Lee County*	125124	09-04-7400A	LOMA	Completed	Gulf of Mexico; Fish Trap Bay	26.319	-81.818	5/15/2002
Lee County	Lee County*	125124	09-04-7400A	LOMA	Completed	Pine Island Sound	26.608	-82.117	4/26/2002
Lee County	Lee County*	125124	09-04-7518A	LOMA	Completed	Estero River	26.447	-81.807	12/7/2010
Lee County	Lee County*	125124	09-04-7546A	LOMA	Completed	Ten Mile Canal	26.552	-81.845	3/10/2009
Lee County	Lee County*	125124	09-04-7546A	LOMA	Completed	Mullock Creek	26.485	-81.816	2/26/2009
Lee County	Lee County*	125124	09-04-7617A	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.852	10/24/2008
Lee County	Lee County*	125124	09-04-7780A	LOMA	Completed	Mullock Creek	26.484	-81.828	9/10/2009
Lee County	Lee County*	125124	09-04-7780A	LOMR-FW	Completed	South Branch	26.427	-81.793	9/10/2009
Lee County	Lee County*	125124	09-04-7780A	LOMA	Completed	Ten Mile Canal	26.575	-81.842	9/10/2009
Lee County	Lee County*	125124	09-04-7935A	LOMA	Completed	Estero River	26.437	-81.796	N/A
Lee County	Lee County*	125124	09-04-8064A	LOMA	Completed	South Branch	26.399	-81.777	12/4/2012
Lee County	Lee County*	125124	09-04-8064A	LOMR-FW	Completed	South Branch	26.427	-81.794	11/27/2012
Lee County	Lee County*	125124	09-04-8234A	LOMA	Completed	Mullock Creek	26.478	-81.809	8/4/2010
Lee County	Lee County*	125124	09-04-8234A	LOMR-FW	Completed	Ten Mile Canal	26.558	-81.851	8/4/2010
Lee County	Lee County*	125124	09-04-8277A	eLOMA	Completed	South Branch	26.397	-81.783	12/17/2009
Lee County	Lee County*	125124	09-04-8277A	LOMA	Completed	Mullock Creek	26.468	-81.815	11/25/2009
Lee County	Lee County*	125124	09-04-8277A	LOMA	Completed	Mullock Creek	26.480	-81.819	11/24/2009
Lee County	Lee County*	125124	09-04-8381A	LOMA	Completed	Local Flooding	26.767	-81.923	3/4/2010
Lee County	Lee County*	125124	09-04-8381A	LOMR-FW	Completed	Trout Creek/Curry Lake Canal	26.744	-81.730	2/23/2010
Lee County	Lee County*	125124	09-04-8381A	LOMA	Completed	Ten Mile Canal	26.553	-81.843	2/4/2010

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	09-04-8455A	LOMA	Completed	Mullock Creek	26.485	-81.810	8/27/2010
Lee County	Lee County*	125124	09-04-8463A	LOMA	Completed	Caloosahatchee River	26.566	-81.882	9/29/2003
Lee County	Lee County*	125124	09-04-8586A	LOMA	Completed	Local Flooding	26.766	-81.909	3/4/2009
Lee County	Lee County*	125124	10-04-0019A	LOMA	Completed	Bedman Creek / Dog Canal	26.626	-81.594	12/16/2008
Lee County	Lee County*	125124	10-04-0019A	LOMA	Completed	South Branch	26.438	-81.791	12/16/2008
Lee County	Lee County*	125124	10-04-0024A	LOMA	Completed	Estero River	26.448	-81.804	4/28/2009
Lee County	Lee County*	125124	10-04-0108A	LOMA	Completed	South Branch	26.405	-81.778	11/12/2010
Lee County	Lee County*	125124	10-04-0108A	LOMR-FW	Completed	South Branch	26.442	-81.785	6/3/2010
Lee County	Lee County*	125124	10-04-0108A	LOMA	Completed	South Branch	26.405	-81.784	9/30/2009
Lee County	Lee County*	125124	10-04-0588A	LOMA	Completed	Mullock Creek	26.483	-81.808	12/30/2008
Lee County	Lee County*	125124	10-04-0715A	LOMA	Completed	Six Mile Cypress Slough	26.621	-81.848	4/21/2009
Lee County	Lee County*	125124	10-04-1331A	LOMA	Completed	South Branch	26.415	-81.785	5/28/2010
Lee County	Lee County*	125124	10-04-1331A	LOMR-FW	Completed	South Branch	26.413	-81.780	5/19/2010
Lee County	Lee County*	125124	10-04-1331A	LOMR-FW	Completed	South Branch	26.442	-81.785	5/19/2010
Lee County	Lee County*	125124	10-04-1374A	LOMA	Completed	Mullock Creek	26.482	-81.812	N/A
Lee County	Lee County*	125124	10-04-1374A	LOMA	Completed	Mullock Creek	26.485	-81.812	N/A
Lee County	Lee County*	125124	10-04-1631A	LOMR-F	Completed	Old Tampa Bay	N/A	N/A	7/2/1998
Lee County	Lee County*	125124	10-04-1801A	LOMA	Completed	Mullock Creek	26.485	-81.816	2/6/2009
Lee County	Lee County*	125124	10-04-1802A	LOMA	Completed	Bedman Creek / Dog Canal	26.627	-81.597	N/A
Lee County	Lee County*	125124	10-04-2050A	LOMA	Completed	Estero River	26.448	-81.807	N/A
Lee County	Lee County*	125124	10-04-2050A	LOMA	Completed	Mullock Creek	26.467	-81.808	N/A
Lee County	Lee County*	125124	10-04-2050A	LOMA	Completed	Mullock Creek	26.479	-81.807	N/A
Lee County	Lee County*	125124	10-04-3281A	LOMA	Completed	Caloosahatchee River	26.510	-81.962	7/21/2009
Lee County	Lee County*	125124	10-04-3283A	LOMA	Completed	Mullock Creek	26.466	-81.810	2/5/2009
Lee County	Lee County*	125124	10-04-3283A	LOMA	Completed	Ten Mile Canal	26.587	-81.841	1/29/2009
Lee County	Lee County*	125124	10-04-3413A	LOMR-FW	Completed	South Branch	26.419	-81.786	9/29/2009
Lee County	Lee County*	125124	10-04-3413A	LOMA	Completed	Estero River	26.440	-81.802	9/24/2009
Lee County	Lee County*	125124	10-04-4056A	LOMA	Completed	Halfway Creek	26.409	-81.819	6/30/2011
Lee County	Lee County*	125124	10-04-4056A	LOMA	Completed	Mullock Creek	26.480	-81.813	6/23/2011
Lee County	Lee County*	125124	10-04-4222A	LOMA	Completed	Bedman Creek / Dog Canal	26.626	-81.594	N/A
Lee County	Lee County*	125124	10-04-4222A	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.594	N/A
Lee County	Lee County*	125124	10-04-4222A	LOMA	Completed	Bedman Creek / Dog Canal	26.644	-81.596	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	10-04-4319A	LOMA	Completed	Six Mile Cypress Slough	26.520	-81.847	12/18/2012
Lee County	Lee County*	125124	10-04-5044A	LOMA	Completed	Local Flooding	26.534	-81.874	7/3/2007
Lee County	Lee County*	125124	10-04-5306A	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.586	8/19/2009
Lee County	Lee County*	125124	10-04-5306A	LOMA	Completed	Mullock Creek	26.482	-81.811	8/19/2009
Lee County	Lee County*	125124	10-04-5306A	LOMA	Completed	Estero River	26.447	-81.801	8/18/2009
Lee County	Lee County*	125124	10-04-5381A	LOMA	Completed	Estero River	26.456	-81.792	10/1/2009
Lee County	Lee County*	125124	10-04-5381A	LOMA	Completed	Mullock Creek	26.480	-81.815	10/1/2009
Lee County	Lee County*	125124	10-04-5381A	eLOMA	Completed	South Branch	26.413	-81.782	9/29/2009
Lee County	Lee County*	125124	10-04-5381A	LOMA	Completed	Telegraph Creek	26.737	-81.683	9/29/2009
Lee County	Lee County*	125124	10-04-5389A	LOMA	Completed	Estero River	26.438	-81.791	11/7/2008
Lee County	Lee County*	125124	10-04-5389A	LOMA	Completed	Mullock Creek	26.479	-81.807	11/7/2008
Lee County	Lee County*	125124	10-04-5389A	LOMA	Completed	South Branch	26.438	-81.791	11/7/2008
Lee County	Lee County*	125124	10-04-5615A	LOMA	Completed	Mullock Creek	26.482	-81.812	4/8/2009
Lee County	Lee County*	125124	10-04-5615A	LOMA	Completed	Local Flooding	26.769	-81.924	4/2/2009
Lee County	Lee County*	125124	10-04-5615A	LOMA	Completed	Six Mile Cypress Slough	26.570	-81.805	4/1/2009
Lee County	Lee County*	125124	10-04-5843A	LOMA	Completed	Local Flooding	26.770	-81.922	4/19/2012
Lee County	Lee County*	125124	10-04-5843A	LOMA	Completed	East Branch Daughtrey Creek	26.754	-81.829	3/29/2012
Lee County	Lee County*	125124	10-04-5843A	LOMA	Completed	South Branch	26.400	-81.783	3/22/2012
Lee County	Lee County*	125124	10-04-5851A	LOMR-F	Completed	South Branch	26.427	-81.777	11/11/2008
Lee County	Lee County*	125124	10-04-5993A	LOMA	Completed	Bedman Creek / Dog Canal	26.627	-81.597	9/25/2009
Lee County	Lee County*	125124	10-04-5993A	LOMA	Completed	Mullock Creek	26.480	-81.819	9/25/2009
Lee County	Lee County*	125124	10-04-6561A	LOMA	Completed	Ten Mile Canal	26.588	-81.840	5/5/2011
Lee County	Lee County*	125124	10-04-6561A	LOMA	Completed	Mullock Creek	26.464	-81.812	3/15/2011
Lee County	Lee County*	125124	10-04-6623A	LOMA	Completed	South Branch	26.416	-81.785	5/1/2009
Lee County	Lee County*	125124	10-04-6623A	LOMA	Completed	Local Flooding	26.765	-81.920	4/27/2009
Lee County	Lee County*	125124	10-04-6623A	LOMA	Completed	Mullock Creek	26.467	-81.808	4/20/2009
Lee County	Lee County*	125124	10-04-6623A	LOMA	Completed	Estero River	26.448	-81.806	4/14/2009
Lee County	Lee County*	125124	10-04-6860A	LOMA	Completed	Ten Mile Canal	26.552	-81.846	10/21/2010
Lee County	Lee County*	125124	10-04-6860A	LOMR-FW	Completed	Estero River	26.443	-81.799	6/29/2010
Lee County	Lee County*	125124	10-04-7294A	LOMR-F	Completed	Spring Creek	26.359	-81.792	3/19/2009
Lee County	Lee County*	125124	10-04-7404A	LOMA	Completed	South Branch	26.409	-81.775	N/A
Lee County	Lee County*	125124	10-04-7412A	LOMR-F	Completed	Local Flooding	26.769	-81.925	11/30/2009

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	10-04-7412A	LOMR-FW	Completed	Trout Creek/Curry Lake Canal	26.744	-81.730	11/25/2009
Lee County	Lee County*	125124	10-04-7420A	LOMA	Completed	Estero River	26.438	-81.801	4/29/2009
Lee County	Lee County*	125124	10-04-7420A	LOMR-FW	Completed	South Branch	26.416	-81.785	4/29/2009
Lee County	Lee County*	125124	10-04-7420A	LOMA	Completed	Ten Mile Canal	26.563	-81.846	4/29/2009
Lee County	Lee County*	125124	10-04-7670A	LOMA	Completed	Local Flooding	26.766	-81.909	7/24/2008
Lee County	Lee County*	125124	10-04-7670A	LOMA	Completed	Hendry Creek	26.530	-81.860	7/17/2008
Lee County	Lee County*	125124	10-04-7670A	LOMA	Completed	Caloosahatchee River	26.545	-81.869	6/20/2008
Lee County	Lee County*	125124	10-04-7670A	LOMR-F	Completed	Imperial River	26.366	-81.792	5/30/2008
Lee County	Lee County*	125124	10-04-7931A	LOMA	Completed	Estero Bay	26.531	-81.860	4/28/2009
Lee County	Lee County*	125124	10-04-7931A	LOMA	Completed	Gulf of Mexico	26.531	-81.860	4/28/2009
Lee County	Lee County*	125124	10-04-8271A	LOMA	Completed	Ponding	26.768	-81.915	8/29/2006
Lee County	Lee County*	125124	10-04-8431A	eLOMA	Completed	Six Mile Cypress Slough	26.518	-81.849	12/22/2009
Lee County	Lee County*	125124	11-04-0046A	LOMR-FW	Completed	Estero River	26.447	-81.793	9/10/2009
Lee County	Lee County*	125124	11-04-0046A	LOMA	Completed	Local Flooding	26.766	-81.902	9/3/2009
Lee County	Lee County*	125124	11-04-0046A	LOMA	Completed	Six Mile Cypress Slough	26.568	-81.806	8/27/2009
Lee County	Lee County*	125124	11-04-0053A	LOMA	Completed	Mullock Creek	26.479	-81.811	6/18/2009
Lee County	Lee County*	125124	11-04-0053A	LOMR-FW	Completed	South Branch	26.420	-81.783	6/11/2009
Lee County	Lee County*	125124	11-04-0227A	LOMR-F	Completed	Gulf of Mexico	N/A	N/A	1/28/1997
Lee County	Lee County*	125124	11-04-0697A	eLOMA	Completed	Caloosahatchee River	26.585	-81.897	7/21/2009
Lee County	Lee County*	125124	11-04-0697A	LOMR-FW	Completed	South Branch	26.420	-81.783	7/21/2009
Lee County	Lee County*	125124	11-04-1360A	LOMA	Completed	South Branch	26.423	-81.792	1/6/2009
Lee County	Lee County*	125124	11-04-1360A	LOMA	Completed	Ten Mile Canal	26.586	-81.846	1/6/2009
Lee County	Lee County*	125124	11-04-1360A	LOMA	Completed	Estero River	26.437	-81.796	12/30/2008
Lee County	Lee County*	125124	11-04-1587A	LOMA	Completed	Ten Mile Canal	26.589	-81.841	3/16/2009
Lee County	Lee County*	125124	11-04-1616A	LOMA	Completed	South Branch	26.409	-81.775	8/19/2010
Lee County	Lee County*	125124	11-04-1616A	LOMR-FW	Completed	Ten Mile Canal	26.558	-81.851	8/12/2010
Lee County	Lee County*	125124	11-04-1616A	LOMA	Completed	Mullock Creek	26.478	-81.809	8/10/2010
Lee County	Lee County*	125124	11-04-1616A	LOMR-FW	Completed	Estero River	26.443	-81.799	8/5/2010
Lee County	Lee County*	125124	11-04-1803A	LOMA	Completed	Caloosahatchee River	N/A	N/A	11/4/2004
Lee County	Lee County*	125124	11-04-1803A	LOMA	Completed	Caloosahatchee River	N/A	N/A	9/30/2004
Lee County	Lee County*	125124	11-04-2141A	eLOMA	Completed	Estero River	26.434	-81.802	3/15/2010
Lee County	Lee County*	125124	11-04-2197A	eLOMA	Completed	Mullock Creek	26.473	-81.809	2/11/2009

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	11-04-2276A	LOMA	Completed	Mullock Creek	26.469	-81.821	12/6/2011
Lee County	Lee County*	125124	11-04-2383A	LOMA	Completed	Mullock Creek	26.481	-81.817	N/A
Lee County	Lee County*	125124	11-04-2383A	LOMA	Completed	Mullock Creek	26.483	-81.816	N/A
Lee County	Lee County*	125124	11-04-2383A	LOMA	Completed	Mullock Creek	26.485	-81.816	N/A
Lee County	Lee County*	125124	11-04-2642A	LOMR-F	Completed	Chapel Branch Creek	26.731	-81.831	9/28/2006
Lee County	Lee County*	125124	11-04-2764A	LOMA	Completed	Mullock Creek	26.489	-81.823	N/A
Lee County	Lee County*	125124	11-04-2764A	LOMR-FW	Completed	Mullock Creek	26.474	-81.823	N/A
Lee County	Lee County*	125124	11-04-2831A	LOMA	Completed	Ten Mile Canal	26.552	-81.842	11/20/2008
Lee County	Lee County*	125124	11-04-2831A	LOMA	Completed	Bedman Creek / Dog Canal	26.626	-81.594	11/14/2008
Lee County	Lee County*	125124	11-04-2831A	LOMA	Completed	Estero River	26.437	-81.796	11/14/2008
Lee County	Lee County*	125124	11-04-2831A	LOMA	Completed	Estero River	26.448	-81.796	11/14/2008
Lee County	Lee County*	125124	11-04-3336A	LOMA	Completed	Estero River	26.443	-81.802	6/28/2012
Lee County	Lee County*	125124	11-04-3336A	eLOMA	Completed	Orange River	26.669	-81.703	6/27/2012
Lee County	Lee County*	125124	11-04-3650A	LOMR-F	Completed	Estero River	26.439	-81.786	5/5/2009
Lee County	Lee County*	125124	11-04-3747A	LOMR-F	Completed	Ten Mile Canal	26.571	-81.849	2/19/2009
Lee County	Lee County*	125124	11-04-4661A	LOMR-F	Completed	Chapel Branch Creek	26.729	-81.829	10/21/1999
Lee County	Lee County*	125124	11-04-4807A	LOMA	Completed	Estero River	26.447	-81.801	9/13/2011
Lee County	Lee County*	125124	11-04-4807A	LOMA	Completed	Bedman Creek / Dog Canal	26.644	-81.596	8/23/2011
Lee County	Lee County*	125124	11-04-4807A	LOMA	Completed	Caloosahatchee River	26.707	-81.752	7/14/2011
Lee County	Lee County*	125124	11-04-4853A	LOMA	Completed	South Branch	26.405	-81.778	N/A
Lee County	Lee County*	125124	11-04-5442A	LOMA	Completed	Ten Mile Canal	26.552	-81.842	1/21/2009
Lee County	Lee County*	125124	11-04-5442A	LOMA	Completed	Ten Mile Canal	26.589	-81.842	1/13/2009
Lee County	Lee County*	125124	11-04-5442A	LOMA	Completed	Mullock Creek	26.479	-81.807	1/8/2009
Lee County	Lee County*	125124	11-04-5538A	LOMA	Completed	Estero River	26.440	-81.802	7/29/2009
Lee County	Lee County*	125124	11-04-5538A	LOMR-FW	Completed	South Branch	26.427	-81.793	7/24/2009
Lee County	Lee County*	125124	11-04-5538A	LOMA	Completed	Ten Mile Canal	26.535	-81.853	7/8/2009
Lee County	Lee County*	125124	11-04-5538A	LOMA	Completed	Caloosahatchee River	26.585	-81.897	6/30/2009
Lee County	Lee County*	125124	11-04-5538A	LOMA	Completed	Mullock Creek	26.484	-81.828	6/30/2009
Lee County	Lee County*	125124	11-04-5966A	LOMA	Completed	Ten Mile Canal	26.540	-81.842	N/A
Lee County	Lee County*	125124	11-04-5966A	LOMA	Completed	Ten Mile Canal	26.552	-81.842	N/A
Lee County	Lee County*	125124	11-04-5966A	LOMA	Completed	Ten Mile Canal	26.553	-81.843	N/A
Lee County	Lee County*	125124	11-04-5966A	LOMA	Completed	Ten Mile Canal	26.575	-81.842	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	11-04-5966A	LOMA	Completed	Ten Mile Canal	26.589	-81.842	N/A
Lee County	Lee County*	125124	11-04-6059A	LOMR-F	Completed	Estero River	26.441	-81.784	5/6/2009
Lee County	Lee County*	125124	11-04-6352A	LOMR-FW	Completed	Estero River	26.447	-81.794	4/13/2009
Lee County	Lee County*	125124	11-04-6770A	LOMA	Completed	Mullock Creek	26.478	-81.806	5/12/2010
Lee County	Lee County*	125124	11-04-6770A	LOMR-F	Completed	South Branch	26.406	-81.777	5/7/2010
Lee County	Lee County*	125124	11-04-6770A	LOMA	Completed	Mullock Creek	26.481	-81.817	4/27/2010
Lee County	Lee County*	125124	11-04-7594A	LOMA	Completed	Ten Mile Canal	26.552	-81.846	10/8/2010
Lee County	Lee County*	125124	11-04-7594A	LOMA	Completed	South Branch	26.405	-81.778	10/4/2010
Lee County	Lee County*	125124	11-04-7594A	LOMA	Completed	South Branch	26.407	-81.777	10/4/2010
Lee County	Lee County*	125124	11-04-8098A	LOMA	Completed	Six Mile Cypress Slough	26.519	-81.847	N/A
Lee County	Lee County*	125124	11-04-8098A	LOMA	Completed	Six Mile Cypress Slough	26.520	-81.847	N/A
Lee County	Lee County*	125124	11-04-8098A	LOMA	Completed	Six Mile Cypress Slough	26.621	-81.848	N/A
Lee County	Lee County*	125124	11-04-8098A	LOMA	Completed	Ten Mile Canal	26.563	-81.846	N/A
Lee County	Lee County*	125124	11-04-8098A	LOMA	Completed	Ten Mile Canal	26.586	-81.846	N/A
Lee County	Lee County*	125124	11-04-8098A	LOMR-FW	Completed	Ten Mile Canal	26.566	-81.848	N/A
Lee County	Lee County*	125124	11-04-8596A	LOMA	Completed	Six Mile Cypress Slough	26.519	-81.847	1/26/2012
Lee County	Lee County*	125124	11-04-8596A	LOMA	Completed	Estero River	26.448	-81.803	1/17/2012
Lee County	Lee County*	125124	11-04-8596A	LOMA	Completed	Mullock Creek	26.473	-81.826	1/12/2012
Lee County	Lee County*	125124	12-04-0127A	LOMR-F	Completed	Powell Creek Tributary No. 6	26.762	-81.921	1/2/2003
Lee County	Lee County*	125124	12-04-0127A	LOMR-F	Completed	Estero Bay; Gulf of Mexico	26.384	-81.831	12/20/2002
Lee County	Lee County*	125124	12-04-0607A	LOMR-F	Completed	Local Flooding	26.769	-81.925	1/21/2010
Lee County	Lee County*	125124	12-04-1038A	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.852	11/13/2008
Lee County	Lee County*	125124	12-04-1038A	LOMA	Completed	Local Flooding	26.765	-81.926	11/13/2008
Lee County	Lee County*	125124	12-04-1139A	LOMR-F	Completed	Fish Trap Bay; Imperial River	26.317	-81.812	2/20/2003
Lee County	Lee County*	125124	12-04-1777A	LOMA	Completed	Mullock Creek	26.477	-81.809	2/9/2012
Lee County	Lee County*	125124	12-04-1777A	LOMR-F	Completed	Estero Bay	26.424	-81.837	2/7/2012
Lee County	Lee County*	125124	12-04-1777A	LOMR-F	Completed	Gulf of Mexico	26.424	-81.837	2/7/2012
Lee County	Lee County*	125124	12-04-1875A	LOMA	Completed	Mullock Creek	26.485	-81.812	4/20/2010
Lee County	Lee County*	125124	12-04-1875A	LOMA	Completed	Ten Mile Canal	26.568	-81.849	4/20/2010
Lee County	Lee County*	125124	12-04-1875A	LOMR-FW	Completed	Ten Mile Canal	26.566	-81.848	4/20/2010
Lee County	Lee County*	125124	12-04-1886A	LOMA	Completed	Mullock Creek	26.489	-81.823	1/21/2009
Lee County	Lee County*	125124	12-04-2253A	LOMA	Completed	Local Flooding	26.766	-81.909	5/8/2009

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	12-04-2253A	eLOMA	Completed	Ten Mile Canal	26.587	-81.843	5/7/2009
Lee County	Lee County*	125124	12-04-2386A	LOMA	Completed	South Branch	26.397	-81.781	N/A
Lee County	Lee County*	125124	12-04-2386A	LOMA	Completed	South Branch	26.397	-81.781	N/A
Lee County	Lee County*	125124	12-04-2386A	LOMA	Completed	South Branch	26.397	-81.781	N/A
Lee County	Lee County*	125124	12-04-2386A	LOMA	Completed	South Branch	26.399	-81.783	N/A
Lee County	Lee County*	125124	12-04-2386A	LOMA	Completed	South Branch	26.400	-81.783	N/A
Lee County	Lee County*	125124	12-04-2386A	LOMA	Completed	South Branch	26.413	-81.781	N/A
Lee County	Lee County*	125124	12-04-2764A	LOMA	Completed	Mullock Creek	26.480	-81.820	3/16/2009
Lee County	Lee County*	125124	12-04-2968A	CLOMR-F	Completed	Caloosahatchee River; Gulf of Mexico	26.511	-81.939	5/25/2000
Lee County	Lee County*	125124	12-04-3024A	LOMA	Completed	Estero River	26.448	-81.807	3/18/2009
Lee County	Lee County*	125124	12-04-3024A	LOMA	Completed	Six Mile Cypress Slough	26.621	-81.848	3/18/2009
Lee County	Lee County*	125124	12-04-3050A	eLOMA	Completed	Mullock Creek	26.466	-81.813	8/3/2012
Lee County	Lee County*	125124	12-04-3352A	LOMR-FW	Completed	Halfway Creek	26.412	-81.806	N/A
Lee County	Lee County*	125124	12-04-3352A	LOMR-FW	Completed	Halfway Creek	26.413	-81.806	N/A
Lee County	Lee County*	125124	12-04-3352A	LOMA	Completed	Six Mile Cypress Slough	26.570	-81.805	N/A
Lee County	Lee County*	125124	12-04-3469A	LOMA	Completed	Mullock Creek	26.483	-81.816	1/6/2009
Lee County	Lee County*	125124	12-04-3520A	LOMA	Completed	Ten Mile Canal	26.564	-81.845	2/18/2009
Lee County	Lee County*	125124	12-04-3520A	LOMA	Completed	Orange River	26.679	-81.755	2/10/2009
Lee County	Lee County*	125124	12-04-4255A	LOMA	Completed	South Branch	26.423	-81.792	12/8/2008
Lee County	Lee County*	125124	12-04-4255A	LOMR-F	Completed	Ten Mile Canal	26.571	-81.849	12/8/2008
Lee County	Lee County*	125124	12-04-5815A	LOMA	Completed	Estero River	26.447	-81.807	4/20/2010
Lee County	Lee County*	125124	12-04-6133A	LOMA	Completed	Mullock Creek	26.483	-81.816	1/27/2009
Lee County	Lee County*	125124	12-04-6366A	LOMA	Completed	Halfway Creek	26.409	-81.819	N/A
Lee County	Lee County*	125124	12-04-6366A	LOMA	Completed	Mullock Creek	26.480	-81.819	N/A
Lee County	Lee County*	125124	12-04-6522A	LOMA	Completed	Local Flooding	26.766	-81.922	N/A
Lee County	Lee County*	125124	12-04-6522A	LOMA	Completed	Estero River	26.445	-81.799	6/20/2013
Lee County	Lee County*	125124	12-04-6522A	LOMR-FW	Completed	Estero River	26.445	-81.796	4/16/2013
Lee County	Lee County*	125124	12-04-6522A	LOMA	Completed	Caloosahatchee River	26.561	-81.898	3/29/2013
Lee County	Lee County*	125124	12-04-6522A	LOMA	Completed	Whiskey Creek	26.561	-81.898	3/29/2013
Lee County	Lee County*	125124	12-04-6762A	eLOMA	Completed	Estero River	26.449	-81.797	11/4/2009
Lee County	Lee County*	125124	12-04-6762A	eLOMA	Completed	Mullock Creek	26.467	-81.810	11/3/2009
Lee County	Lee County*	125124	12-04-7095A	LOMA	Completed	Mullock Creek	26.466	-81.810	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	12-04-7095A	LOMA	Completed	Mullock Creek	26.478	-81.809	N/A
Lee County	Lee County*	125124	12-04-7095A	LOMA	Completed	Mullock Creek	26.485	-81.810	N/A
Lee County	Lee County*	125124	12-04-7297A	LOMR-FW	Completed	South Branch	26.422	-81.785	5/25/2010
Lee County	Lee County*	125124	12-04-7297A	LOMR-F	Completed	South Branch	26.406	-81.777	5/18/2010
Lee County	Lee County*	125124	12-04-7297A	LOMA	Completed	Mullock Creek	26.481	-81.817	5/11/2010
Lee County	Lee County*	125124	12-04-7297A	LOMR-FW	Completed	Estero River	26.442	-81.797	4/20/2010
Lee County	Lee County*	125124	12-04-7928A	LOMA	Completed	South Branch	26.399	-81.777	N/A
Lee County	Lee County*	125124	12-04-7928A	LOMA	Completed	South Branch	26.400	-81.776	N/A
Lee County	Lee County*	125124	12-04-7928A	LOMA	Completed	South Branch	26.407	-81.777	N/A
Lee County	Lee County*	125124	13-04-0099A	LOMA	Completed	Estero River	26.438	-81.801	3/18/2009
Lee County	Lee County*	125124	13-04-0099A	LOMR-F	Completed	Estero River	26.439	-81.786	3/18/2009
Lee County	Lee County*	125124	13-04-0674A	LOMA	Completed	Caloosahatchee River	26.561	-81.898	N/A
Lee County	Lee County*	125124	13-04-0674A	LOMA	Completed	Local Flooding	26.720	-81.899	N/A
Lee County	Lee County*	125124	13-04-0674A	LOMA	Completed	Local Flooding	26.766	-81.909	N/A
Lee County	Lee County*	125124	13-04-0674A	LOMA	Completed	Local Flooding	26.766	-81.909	N/A
Lee County	Lee County*	125124	13-04-0674A	LOMA	Completed	Local Flooding	26.766	-81.902	N/A
Lee County	Lee County*	125124	13-04-0674A	LOMA	Completed	Local Flooding	26.769	-81.916	N/A
Lee County	Lee County*	125124	13-04-0674A	LOMA	Completed	Local Flooding	26.769	-81.911	N/A
Lee County	Lee County*	125124	13-04-0674A	LOMA	Completed	Whiskey Creek	26.561	-81.898	N/A
Lee County	Lee County*	125124	13-04-0958A	LOMA	Completed	Estero River	26.445	-81.803	9/23/2009
Lee County	Lee County*	125124	13-04-0958A	LOMA	Completed	Estero River	26.441	-81.804	9/18/2009
Lee County	Lee County*	125124	13-04-0958A	LOMA	Completed	Telegraph Creek	26.737	-81.683	9/17/2009
Lee County	Lee County*	125124	13-04-1276A	LOMR-FW	Completed	South Branch	26.419	-81.786	8/3/2009
Lee County	Lee County*	125124	13-04-1545A	LOMA	Completed	South Branch	26.413	-81.781	3/26/2009
Lee County	Lee County*	125124	13-04-1545A	LOMA	Completed	Estero River	26.448	-81.804	3/25/2009
Lee County	Lee County*	125124	13-04-1545A	LOMA	Completed	Local Flooding	26.720	-81.899	3/25/2009
Lee County	Lee County*	125124	13-04-1725A	LOMA	Completed	Ponding	26.768	-81.915	8/4/2006
Lee County	Lee County*	125124	13-04-1737A	LOMR-F	Completed	Daughtrey Creek	N/A	N/A	3/31/1994
Lee County	Lee County*	125124	13-04-1986A	LOMA	Completed	Estero River	26.447	-81.807	2/22/2010
Lee County	Lee County*	125124	13-04-1986A	LOMA	Completed	Mullock Creek	26.485	-81.812	2/22/2010
Lee County	Lee County*	125124	13-04-1986A	LOMA	Completed	Local Flooding	26.767	-81.923	12/31/2009
Lee County	Lee County*	125124	13-04-1986A	LOMA	Completed	Ten Mile Canal	26.553	-81.843	12/10/2009

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	13-04-2367A	LOMA	Completed	South Branch	26.409	-81.775	8/4/2010
Lee County	Lee County*	125124	13-04-2416A	LOMA	Completed	Caloosahatchee River	26.545	-81.869	N/A
Lee County	Lee County*	125124	13-04-2416A	LOMA	Completed	Estero Bay	26.531	-81.860	N/A
Lee County	Lee County*	125124	13-04-2416A	LOMA	Completed	Gulf of Mexico	26.531	-81.860	N/A
Lee County	Lee County*	125124	13-04-2416A	LOMA	Completed	Hendry Creek	26.530	-81.860	N/A
Lee County	Lee County*	125124	13-04-2416A	LOMA	Completed	Hendry Creek	26.531	-81.860	N/A
Lee County	Lee County*	125124	13-04-2416A	LOMA	Completed	Local Flooding	26.534	-81.874	N/A
Lee County	Lee County*	125124	13-04-2428A	LOMA	Completed	Ten Mile Canal	26.552	-81.845	2/23/2009
Lee County	Lee County*	125124	13-04-3006A	LOMA	Completed	Estero Bay	26.531	-81.860	3/30/2009
Lee County	Lee County*	125124	13-04-3006A	LOMA	Completed	Gulf of Mexico	26.531	-81.860	3/30/2009
Lee County	Lee County*	125124	13-04-3006A	LOMA	Completed	Hendry Creek	26.531	-81.860	3/30/2009
Lee County	Lee County*	125124	13-04-3362A	LOMA	Completed	Local Flooding	26.766	-81.902	11/9/2009
Lee County	Lee County*	125124	13-04-3362A	LOMR-FW	Completed	Estero River	26.447	-81.793	11/5/2009
Lee County	Lee County*	125124	13-04-3531A	LOMR-FW	Completed	Mullock Creek	26.474	-81.823	10/6/2009
Lee County	Lee County*	125124	13-04-3557A	LOMA	Completed	Estero River	26.447	-81.807	N/A
Lee County	Lee County*	125124	13-04-3557A	LOMA	Completed	Estero River	26.447	-81.807	N/A
Lee County	Lee County*	125124	13-04-3557A	LOMA	Completed	Halfway Creek	26.417	-81.807	N/A
Lee County	Lee County*	125124	13-04-3638A	LOMA	Completed	Bedman Creek / Dog Canal	26.638	-81.594	7/24/2009
Lee County	Lee County*	125124	13-04-3652A	LOMR-FW	Completed	Estero River	26.447	-81.793	N/A
Lee County	Lee County*	125124	13-04-3652A	LOMR-FW	Completed	South Branch	26.427	-81.794	N/A
Lee County	Lee County*	125124	13-04-3652A	LOMR-FW	Completed	South Branch	26.427	-81.793	N/A
Lee County	Lee County*	125124	13-04-3652A	LOMR-FW	Completed	South Branch	26.428	-81.794	N/A
Lee County	Lee County*	125124	13-04-4111A	eLOMA	Completed	Mullock Creek	26.480	-81.811	10/13/2009
Lee County	Lee County*	125124	13-04-4111A	LOMA	Completed	Mullock Creek	26.482	-81.811	10/13/2009
Lee County	Lee County*	125124	13-04-4148A	LOMA	Completed	Cabosahatchee River	N/A	N/A	8/16/1993
Lee County	Lee County*	125124	13-04-4148A	LOMA	Completed	Caloosahatchee River	N/A	N/A	5/11/1993
Lee County	Lee County*	125124	13-04-4244A	LOMA	Completed	Powell Creek	26.686	-81.877	4/14/2009
Lee County	Lee County*	125124	13-04-4244A	LOMA	Completed	Ten Mile Canal	26.540	-81.842	4/14/2009
Lee County	Lee County*	125124	13-04-4244A	eLOMA	Completed	Estero River	26.444	-81.802	4/2/2009
Lee County	Lee County*	125124	13-04-4277A	LOMA	Completed	Mullock Creek	26.468	-81.815	10/2/2009
Lee County	Lee County*	125124	13-04-4497A	LOMA	Completed	Caloosahatchee River	26.585	-81.897	N/A
Lee County	Lee County*	125124	13-04-4497A	LOMA	Completed	Caloosahatchee River	26.586	-81.898	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	13-04-4497A	LOMA	Completed	Powell Creek	26.686	-81.877	N/A
Lee County	Lee County*	125124	13-04-5188A	LOMA	Completed	Caloosahatchee River	26.510	-81.962	5/28/2009
Lee County	Lee County*	125124	13-04-5188A	LOMA	Completed	Ten Mile Canal	26.561	-81.846	5/11/2009
Lee County	Lee County*	125124	13-04-5464A	LOMA	Completed	Estero River	26.441	-81.803	1/20/2011
Lee County	Lee County*	125124	13-04-5823A	LOMA	Completed	Ten Mile Canal	26.542	-81.853	5/24/2011
Lee County	Lee County*	125124	13-04-5823A	LOMR-F	Completed	South Branch	26.415	-81.785	5/19/2011
Lee County	Lee County*	125124	13-04-5917A	LOMR-F	Completed	Fish Trap Bay	26.366	-81.792	N/A
Lee County	Lee County*	125124	13-04-5917A	LOMR-F	Completed	Imperial River	26.366	-81.792	N/A
Lee County	Lee County*	125124	13-04-5917A	LOMA	Completed	South Branch	26.423	-81.792	N/A
Lee County	Lee County*	125124	13-04-6408A	LOMA	Completed	Whiskey Creek	26.561	-81.898	5/23/2013
Lee County	Lee County*	125124	13-04-6555A	LOMA	Completed	Mullock Creek	26.478	-81.806	6/22/2010
Lee County	Lee County*	125124	13-04-6555A	LOMA	Completed	South Branch	26.415	-81.785	6/3/2010
Lee County	Lee County*	125124	13-04-7082A	LOMA	Completed	Ten Mile Canal	26.586	-81.846	12/10/2008
Lee County	Lee County*	125124	13-04-8555A	LOMA	Completed	Mullock Creek	26.464	-81.812	N/A
Lee County	Lee County*	125124	13-04-8555A	LOMA	Completed	Mullock Creek	26.479	-81.811	N/A
Lee County	Lee County*	125124	14-04-0816A	LOMA	Completed	Mullock Creek	26.467	-81.818	1/25/2011
Lee County	Lee County*	125124	14-04-0902A	LOMR-F	Completed	South Branch	26.415	-81.785	2/1/2011
Lee County	Lee County*	125124	14-04-1637A	LOMR-FW	Completed	South Branch	26.428	-81.794	2/17/2011
Lee County	Lee County*	125124	93-04-340A	LOMA	Completed	Estero River	26.447	-81.801	9/7/2011
Lee County	Lee County*	125124	94-04-162A	LOMA	Completed	Mullock Creek	26.473	-81.822	10/7/2011
Lee County	Lee County*	125124	94-04-324A	LOMA	Completed	Mullock Creek	26.469	-81.821	11/28/2011
Lee County	Lee County*	125124	94-04-478A	LOMR-F	Completed	Estero Bay	26.424	-81.837	12/20/2011
Lee County	Lee County*	125124	94-04-596A	LOMR-F	Completed	Gulf of Mexico	26.424	-81.837	12/20/2011
Lee County	Lee County*	125124	94-04-634A	LOMA	Completed	Mullock Creek	26.473	-81.826	12/23/2011
Lee County	Lee County*	125124	95-04-094A	LOMA	Completed	Estero River	26.448	-81.803	12/28/2011
Lee County	Lee County*	125124	951-093	LOMA	Completed	Six Mile Cypress Slough	26.519	-81.847	1/10/2012
Lee County	Lee County*	125124	96-04-1084A	LOMA	Completed	Mullock Creek	26.477	-81.809	1/18/2012
Lee County	Lee County*	125124	96-04-1558A	LOMA	Completed	Estero Bay	26.515	-81.856	1/25/2012
Lee County	Lee County*	125124	96-04-236A	LOMA	Completed	Gulf of Mexico	26.515	-81.856	1/25/2012
Lee County	Lee County*	125124	96-04-794A	LOMA	Completed	East Branch Daughtrey Creek	26.754	-81.829	2/22/2012
Lee County	Lee County*	125124	963-139	LOMA	Completed	South Branch	26.397	-81.781	2/22/2012
Lee County	Lee County*	125124	964-114	LOMA	Completed	Local Flooding	26.770	-81.922	3/9/2012

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	97-04-1348A	LOMA	Completed	Estero River	26.440	-81.784	3/14/2012
Lee County	Lee County*	125124	97-04-1462A	LOMA	Completed	South Branch	26.400	-81.783	3/16/2012
Lee County	Lee County*	125124	97-04-1504A	LOMA	Completed	Ten Mile Canal	26.598	-81.846	4/16/2012
Lee County	Lee County*	125124	97-04-1770A	LOMA	Completed	Estero River	26.443	-81.802	5/9/2012
Lee County	Lee County*	125124	97-04-286A	LOMA	Completed	Ten Mile Canal	26.588	-81.840	4/5/2011
Lee County	Lee County*	125124	97-04-994C	LOMA	Completed	Local Flooding	26.766	-81.924	8/15/2012
Lee County	Lee County*	125124	98-04-1036A	LOMR-FW	Completed	Ten Mile Canal	26.513	-81.852	9/10/2012
Lee County	Lee County*	125124	98-04-1404A	LOMR-FW	Completed	South Branch	26.427	-81.794	10/22/2012
Lee County	Lee County*	125124	98-04-2346A	LOMA	Completed	South Branch	26.399	-81.777	11/5/2012
Lee County	Lee County*	125124	98-04-284A	LOMA	Completed	South Branch	26.397	-81.781	12/4/2012
Lee County	Lee County*	125124	98-04-3226C	LOMA	Completed	Six Mile Cypress Slough	26.520	-81.847	12/12/2012
Lee County	Lee County*	125124	99-04-2040A	LOMA	Completed	South Branch	26.399	-81.783	1/18/2013
Lee County	Lee County*	125124	99-04-2816A	LOMA	Completed	South Branch	26.397	-81.781	2/13/2013
Lee County	Lee County*	125124	99-04-3094A	LOMA	Completed	Halfway Creek	26.411	-81.805	2/28/2013
Lee County	Lee County*	125124	99-04-3588A	LOMA	Completed	Local Flooding	26.766	-81.923	3/7/2013
Lee County	Lee County*	125124	99-04-4338A	LOMR-FW	Completed	Halfway Creek	26.412	-81.806	3/7/2013
Lee County	Lee County*	125124	99-04-4464A	LOMA	Completed	Halfway Creek	26.417	-81.807	3/12/2013
Lee County	Lee County*	125124	99-04-4700A	LOMA	Completed	Estero River	26.443	-81.801	5/23/2013
Lee County	Lee County*	125124	99-04-4926A	LOMA	Completed	Estero River	26.445	-81.799	6/10/2013
Lee County	Lee County*	125124	99-04-5026A	LOMA	Completed	Caloosahatchee River	26.586	-81.898	6/14/2013
Lee County	Lee County*	125124	99-04-5078A	LOMA	Completed	Estero River	26.444	-81.803	7/10/2013
Lee County	Lee County*	125124	99-04-5744A	LOMA	Completed	Ten Mile Canal	26.561	-81.846	N/A
Lee County	Lee County*	125124	99-04-6122A	LOMA	Completed	Mullock Creek	26.473	-81.822	N/A
Lee County	Lee County*	125124	99-04-6156A	LOMA	Completed	Mullock Creek	26.480	-81.820	N/A
Lee County	Lee County*	125124	R4-981-230	LOMA	Completed	South Branch	26.397	-81.781	N/A
Hendry County	Hendry County*	120107	04-04-0388A	LOMA	Completed	Nona	26.718	-81.381	12/15/2003
Hendry County	Hendry County*	120107	05-04-3869A	LOMR-F	Completed	Unnamed Ponding Area	N/A	N/A	11/1/2005
Hendry County	Hendry County*	120107	05-04-3869A	LOMR-F	Completed	Unnamed Ponding Area	N/A	N/A	8/2/2005
Hendry County	Hendry County*	120107	05-04-3869A	LOMR-F	Completed	Unnamed Ponding Area	N/A	N/A	7/1/2005
Hendry County	Hendry County*	120107	08-04-4646A	LOMR-F	Completed	Bedman Creek / Dog Canal	26.618	-81.562	N/A

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Hendry County	Hendry County*	120107	08-04-4646A	LOMR-F	Completed	Bedman Creek / Dog Canal	26.618	-81.562	#MULTIVALUE
Hendry County	Hendry County*	120107	08-04-4646A	LOMR-F	Completed	Bedman Creek / Dog Canal	26.618	-81.562	10/21/2008
Hendry County	Hendry County*	120107	10-04-3495A	LOMA	Completed	Grassy Marsh	26.731	-81.212	N/A
Hendry County	Hendry County*	120107	10-04-3495A	LOMA	Completed	Grassy Marsh	26.731	-81.212	3/25/2010
Hendry County	Hendry County*	120107	10-04-3495A	LOMA	Completed	Grassy Marsh	26.731	-81.212	3/1/2010
Hendry County	Hendry County*	120107	10-04-6489A	LOMR-F	Completed	Bedman Creek / Dog Canal	26.615	-81.562	N/A
Hendry County	Hendry County*	120107	10-04-6489A	LOMR-F	Completed	Bedman Creek / Dog Canal	26.615	-81.562	8/24/2010
Hendry County	Hendry County*	120107	10-04-6489A	LOMR-F	Completed	Bedman Creek / Dog Canal	26.615	-81.562	7/15/2010
Hendry County	Hendry County*	120107	10-04-6489A	LOMR-F	Completed	Bedman Creek / Dog Canal	26.615	-81.562	6/22/2010
Hendry County	Hendry County*	120107	10-04-7478A	LOMR-F	Completed	Local Flooding	26.74	-81.395	N/A
Hendry County	Hendry County*	120107	10-04-7478A	LOMR-F	Completed	Local Flooding	26.74	-81.395	11/12/2010
Hendry County	Hendry County*	120107	10-04-7478A	LOMR-F	Completed	Local Flooding	26.74	-81.395	8/13/2010
Hendry County	Hendry County*	120107	11-04-2498A	LOMA	Completed	Bedman Creek / Dog Canal	26.615	-81.562	N/A
Hendry County	Hendry County*	120107	11-04-2498A	LOMA	Completed	Bedman Creek / Dog Canal	26.615	-81.562	3/22/2011
Hendry County	Hendry County*	120107	11-04-2498A	LOMA	Completed	Bedman Creek / Dog Canal	26.615	-81.562	1/24/2011
Hendry County	Hendry County*	120107	11-04-2498A	LOMA	Completed	Bedman Creek / Dog Canal	26.615	-81.562	1/18/2011
Hendry County	Hendry County*	120107	11-04-3869A	LOMA	Completed	Local Flooding	26.74	-81.395	N/A
Hendry County	Hendry County*	120107	11-04-3869A	LOMA	Completed	Local Flooding	26.74	-81.395	3/24/2011
Hendry County	Hendry County*	120107	11-04-3869A	LOMA	Completed	Local Flooding	26.74	-81.395	3/9/2011
Hendry County	Hendry County*	120107	11-04-4805A	LOMA	Completed	Local Flooding	26.74	-81.395	N/A
Hendry County	Hendry County*	120107	11-04-4805A	LOMA	Completed	Local Flooding	26.74	-81.395	4/19/2011
Hendry County	Hendry County*	120107	11-04-4805A	LOMA	Completed	Local Flooding	26.74	-81.395	4/18/2011

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Hendry County	Hendry County*	120107	12-04-2775A	LOMR-F	Completed	Local Flooding	26.55	-81.418	N/A
Hendry County	Hendry County*	120107	12-04-2775A	LOMR-F	Completed	Local Flooding	26.55	-81.418	3/29/2012
Hendry County	Hendry County*	120107	12-04-2775A	LOMR-F	Completed	Local Flooding	26.55	-81.418	2/14/2012
Hendry County	Hendry County*	120107	13-04-3217A	LOMA	Completed	Local Flooding	26.737	-81.377	N/A
Hendry County	Hendry County*	120107	13-04-3217A	LOMA	Completed	Local Flooding	26.737	-81.377	5/14/2013
Hendry County	Hendry County*	120107	13-04-3217A	LOMA	Completed	Local Flooding	26.737	-81.377	2/28/2013
Hendry County	Hendry County*	120107	13-04-3217A	LOMA	Completed	Local Flooding	26.737	-81.377	2/21/2013
Hendry County	Hendry County*	120107	14-04-0085A	LOMA	Completed	Local Flooding	26.535	-81.544	10/3/2013
Hendry County	LaBelle, City of	120109	10-04-0932A	LOMA	Completed	Ponding	26.758	-81.429	N/A
Hendry County	LaBelle, City of	120109	10-04-0932A	LOMA	Completed	Ponding	26.758	-81.429	12/18/2009
Hendry County	LaBelle, City of	120109	10-04-0932A	LOMA	Completed	Ponding	26.758	-81.429	11/10/2009
Hendry County	LaBelle, City of	120109	10-04-6000A	LOMR-F	Completed	Stream D	26.75	-81.44	N/A
Hendry County	LaBelle, City of	120109	10-04-6000A	LOMR-F	Completed	Stream D	26.75	-81.44	6/22/2010
Hendry County	LaBelle, City of	120109	10-04-6000A	LOMR-F	Completed	Stream D	26.75	-81.44	6/2/2010
Hendry County	LaBelle, City of	120109	199100561FIA	LOMA	Completed	N/A	N/A	N/A	5/31/1983
Hendry County	LaBelle, City of	120109	199100613FIA	LOMA	Completed	N/A	N/A	N/A	7/12/1983
Hendry County	LaBelle, City of	120109	199100617FIA	LOMA	Completed	N/A	N/A	N/A	8/29/1983
Hendry County	LaBelle, City of	120109	199100689FIA	LOMA	Completed	N/A	N/A	N/A	12/30/1983
Hendry County	LaBelle, City of	120109	97-04-1078C	CLOMR-F	Completed	Stream C	N/A	N/A	4/9/1997
Hendry County	LaBelle, City of	120109	98-04-632A	LOMR-F	Completed	Stream C	N/A	N/A	6/12/1998

*Unincorporated Areas
Table includes LOMCs for Lee County (All Jurisdictions), Hendry County (Unincorporated Areas), and the City of LaBelle
CID = Community Identification Number
CLOMR-F = Conditional Letter of Map Revision based on Fill
eLOMA = Electronic Letter of Map Revision

LOMA = Letter of Map Amendment
LOMR-F = Letter of Map Revision based on Fill
LOMR-FW = Letter of Map Revision - Floodway
LOMR-VZ = Letter of Map Revision based on coastal Zone V
N/A = Not Available

Community LOMR List

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Bonita Springs, City of	120680	10-04-1785P	LOMR	Completed	Oak Creek	26.329	-81.767	6/15/2010
Lee County	Bonita Springs, City of	120680	08-04-3125P	LOMR	Completed	Oak Creek	26.333	-81.775	4/30/2009
Lee County	Bonita Springs, City of	120680	09-04-3113P	LOMR	Completed	Imperial River	26.335	-81.747	6/17/2010
Lee County	Bonita Springs, City of	120680	07-04-0384R	CLOMR	Completed	Imperial River	N/A	N/A	9/26/2007
Lee County	Bonita Springs, City of	120680	09-04-4864R	CLOMR	Completed	Oak Creek	N/A	N/A	1/20/2010
Lee County	Cape Coral, City of	125095	10-04-0289P	LOMR	Completed	East Branch Yellow Fever Creek	26.299	-81.908	1/3/2011
Lee County	Cape Coral, City of	125095	08-04-4465R	CLOMR	Completed	East Branch Yellow Fever Creek	N/A	N/A	1/13/2009
Lee County	Cape Coral, City of	125095	08-04-4465R	CLOMR	Completed	East Ponding Area	N/A	N/A	1/13/2009
Lee County	Cape Coral, City of	125095	08-04-4465R	CLOMR	Completed	West Ponding Area	N/A	N/A	1/13/2009
Lee County	Cape Coral, City of	125095	94-04-94000P	TBD	Completed	N/A	N/A	N/A	7/19/1994
Lee County	Cape Coral, City of	125095	96-04-269P	102	Completed	Charlotte Harbor	N/A	N/A	4/9/1997
Lee County	Fort Myers, City of	125106	12-04-3735P	LOMR	Completed	Six Mile Cypress Slough	26.594	-81.808	1/18/2013
Lee County	Fort Myers, City of	125106	08-04-0920P	LOMR	Completed	Six Mile Cypress Slough	26.597	-81.806	8/29/2008
Lee County	Fort Myers, City of	125106	12-04-4033P	LOMR	Completed	North Colonial Waterway	26.613	-81.839	12/10/2012
Lee County	Fort Myers, City of	125106	12-04-7623R	CLOMR	Completed	Caloosahatchee River	N/A	N/A	6/20/2013
Lee County	Lee County*	125124	09-04-3111P	LOMR	Completed	Estero Bay	23.120	-86.230	5/27/2009
Lee County	Lee County*	125124	10-04-0289P	LOMR	Completed	East Branch Yellow Fever Creek	26.299	-81.908	1/3/2011
Lee County	Lee County*	125124	09-04-0340P	LOMR	Completed	Ten Mile Creek	26.300	-81.800	1/27/2009
Lee County	Lee County*	125124	09-04-5099P	LOMR	Completed	South Branch	26.417	-81.783	1/4/2010
Lee County	Lee County*	125124	12-04-3212X	LOMR	Completed	South Branch	26.425	-81.788	5/8/2012
Lee County	Lee County*	125124	12-04-7939P	LOMR	Completed	South Branch	26.426	-81.787	5/3/2013
Lee County	Lee County*	125124	11-04-4299P	LOMR	Completed	South Branch	26.427	-81.788	12/6/2011
Lee County	Lee County*	125124	11-04-5887P	LOMR	Completed	Estero River	26.450	-81.780	8/10/2012
Lee County	Lee County*	125124	08-04-2060P	LOMR	Completed	Gulf of Mexico	26.482	-81.896	8/29/2008
Lee County	Lee County*	125124	11-04-2487P	LOMR	Completed	Ten Mile Canal	26.483	-81.854	9/15/2011
Lee County	Lee County*	125124	12-04-0347P	LOMR	Completed	Gulf of Mexico (San Carlos Bay)	26.492	-82.078	11/29/2011
Lee County	Lee County*	125124	10-04-3805P	LOMR	Completed	Ten Mile Canal	26.501	-81.853	7/30/2010
Lee County	Lee County*	125124	11-04-2367P	LOMR	Completed	Ten Mile Canal	26.506	-81.848	6/24/2011
Lee County	Lee County*	125124	12-04-0044P	LOMR	Completed	Gulf of Mexico	26.521	-81.889	11/17/2011
Lee County	Lee County*	125124	10-04-5814P	LOMR	Completed	Ten Mile Canal	26.556	-81.855	1/28/2011

County Name	Community Name	CID	Case Number	LOMC Type	Project Status	Flood Source	Latitude	Longitude	Letter Date
Lee County	Lee County*	125124	12-04-3735P	LOMR	Completed	Six Mile Cypress Slough	26.594	-81.808	1/18/2013
Lee County	Lee County*	125124	08-04-0920P	LOMR	Completed	Six Mile Cypress Slough	26.597	-81.806	8/29/2008
Lee County	Lee County*	125124	09-04-1718P	LOMR	Completed	Charlotte Harbor	26.660	-82.030	3/19/2009
Lee County	Lee County*	125124	10-04-2746P	LOMR	Completed	Gulf of Mexico (Caloosahatchee River)	26.685	-81.850	3/31/2010
Lee County	Lee County*	125124	12-04-2790P	LOMR	Completed	Owl Creek	26.727	-81.750	2/28/2013
Lee County	Lee County*	125124	12-04-2790P	LOMR	Completed	Trout Creek/Curry Lake Canal	26.727	-81.750	2/28/2013
Lee County	Lee County*	125124	10-04-7794P	LOMR	Completed	Gulf of Mexico	26.738	-82.263	10/27/2010
Lee County	Lee County*	125124	13-04-3479P	LOMR	Completed	Gulf of Mexico	26.763	-82.257	10/3/2013
Lee County	Lee County*	125124	11-04-1870R	CLOMR	Completed	Trout Creek/Curry Lake Canal	26.769	-81.725	8/3/2012
Lee County	Lee County*	125124	09-04-0329P	LOMR	Completed	Estero River	28.681	-81.281	7/27/2009
Lee County	Lee County*	125124	12-04-4132P	LOMR	Completed	Ten Mile Canal	32.123	-77.123	8/16/2013
Lee County	Lee County*	125124	01-04-205P	102	Completed	Gulf of Mexico / Charlotte Harbor	N/A	N/A	9/20/2001
Lee County	Lee County*	125124	02-04-289P	102	Completed	N/A	N/A	N/A	6/21/2002
Lee County	Lee County*	125124	06-04-BP53R	CLOMR	Completed	Imperial River	N/A	N/A	10/31/2006
Lee County	Lee County*	125124	07-04-0384R	CLOMR	Completed	Imperial River	N/A	N/A	9/26/2007
Lee County	Lee County*	125124	08-04-4465R	CLOMR	Completed	East Branch Yellow Fever Creek	N/A	N/A	1/13/2009
Lee County	Lee County*	125124	08-04-4465R	CLOMR	Completed	East Ponding Area	N/A	N/A	1/13/2009
Lee County	Lee County*	125124	08-04-4465R	CLOMR	Completed	West Ponding Area	N/A	N/A	1/13/2009
Lee County	Lee County*	125124	12-04-0435R	CLOMR	Completed	Spanish Creek	N/A	N/A	5/31/2012
Lee County	Lee County*	125124	95-04-359P	102	Completed	Charlotte Harbor	N/A	N/A	12/7/1995
Lee County	Lee County*	125124	98-04-2316V	REVALID	Completed	N/A	N/A	N/A	7/21/1998
Lee County	Sanibel, City of	120402	10-04-5333P	LOMR	Completed	Gulf of Mexico	26.439	-82.036	12/21/2010

* Unincorporated Areas
Table includes LOMCs for Lee County (All Jurisdictions), Hendry County (Unincorporated Areas), and the City of LaBelle
CID = Community Identification Number
CLOMR = Conditional Letter of Map Revision
LOMC = Letter of Map Change
LOMR = Letter of Map Revision
N/A = Not Available
REVALID = Revalidation
TBD = To Be Determined

Appendix K
Hazard Mitigation Grant Projects Submitted to FEMA

Program Area	Disaster Number	Project Number	Subgrantee	Project Title	Type	Project Status	Approved Net	Federal Share Obligated	Non-Federal Share
HMGP	1069	0032	Lee County	Manna Christian Mission Buy-Out/Relocation	200.2: Acquisition of Private Real Property (Structures and Land) - Coastal	Not Approved / Denied	n/a	n/a	n/a
HMGP	1069	0033	Lee County	Bridge Replacement Project	402.1: Infrastructure Protective Measures (Roads and Bridges)	Closed	$492,345.00	$333,764.00	$158,581.00
HMGP	1069	0064	Lee County	Bonita Springs Acquisition	200.1: Acquisition of Private Real Property (Structures and Land) - Riverine	Closed	$394,582.00	$295,936.00	$98,646.00
HMGP	1393	0017	Cape Coral	Southwest Water Reclamation Facility Shutter	205.8: Retrofitting Public Structures - Wind	Withdrawn	n/a	n/a	n/a
HMGP	1539	0021	Gulf Care, Inc.	Gulf Care Inc., Lee County, Gulf Coast Village Wind Retrofit	205.8: Retrofitting Public Structures - Wind	Approved	$588,495.00	$441,371.25	$147,123.75
HMGP	1539	0052	Fort Myers	City Of Fort Myers, Lee County, Neighborhood Engineering And Drainage Improvements	103.1: Feasibility, Engineering and Design Studies; 403.2: Stormwater Management - Diversions	Approved	$2,047,949.00	$1,535,961.75	$511,987.25
HMGP	1539	0091	Fort Myers	City Of Fort Myers, Lee, Public Safety Facilities - Wind Retrofit	205.8: Retrofitting Public Structures - Wind	Approved	$143,501.00	$107,625.75	$35,875.25
HMGP	1539	0102	Fort Myers Beach	Town Of Fort Myers Beach, Lee County, North Estero Drainage Project	103.1: Feasibility, Engineering and Design Studies; 403.2: Stormwater Management - Diversions	Approved	$1,595,306.00	$1,196,479.50	$398,826.50
HMGP	1539	0110	Fort Myers	Fort Myers, Lee County, Public Works Center - Wind Retrofit	205.8: Retrofitting Public Structures - Wind	Approved	$87,277.00	$65,457.75	$21,819.25
HMGP	1539	0124	Fort Myers	City Of Fort Myers, Lee County, Manuels Branch Watershed Improvements - Drainage	103.1: Feasibility, Engineering and Design Studies; 403.2: Stormwater Management - Diversions	Approved	$1,478,161.00	$1,108,620.75	$369,540.25

Program Area	Disaster Number	Project Number	Subgrantee	Project Title	Type	Project Status	Approved Net	Federal Share Obligated	Non-Federal Share
HMGP	1545	0008	Sanibel	City Of Sanibel, Lee County, City Hall, Wind Retrofit	205.8: Retrofitting Public Structures - Wind	Approved	$57,519.00	$43,139.25	$14,379.75
HMGP	1545	0147	Fort Myers	City Of Fort Myers, Lee County, Edison And Ford Winter Estates - Wind Retrofit	205.8: Retrofitting Public Structures - Wind	Approved	$77,983.00	$58,487.25	$19,495.75
HMGP	1609	0048	Fort Myers Beach	Fort Myers Beach, Lee County, Basin-Based Drainage Improvements	103.1: Feasibility, Engineering and Design Studies; 403.4: Stormwater Management - Detention/Retention Basins	Approved	$898,860.00	$674,145.00	$224,715.00
HMGP	1609	0109	Lee County Natural Resources	Lee County Division of Natural Resources.- Matlacha Pass Hydrologic Restoration-Northwest Drainage	403.1: Stormwater Management - Culverts	Approved	$942,494.00	$706,870.50	$235,623.50
HMGP	1609	0151	Lee (County)	Lee County, EOC Upgrade And Retrofit	205.8: Retrofitting Public Structures - Wind	Approved	$4,114,844.00	$3,086,133.00	$1,028,711.00
HMGP	4068	0021	Lee County Electric Cooperative, Inc.	Lee County Electric Cooperative Inc., Wood Pole Replacement Project	205.8: Retrofitting Public Structures - Wind	Pending	$500,000.00	$248,967.00	$251,033.00
Hendry County Projects									
HMGP	1545	0171	Hendry County	Hendry County BOCC, City Of Labelle, EOC New Construction Upgrade - Wind Retrofit	205.8: Retrofitting Public Structures - Wind	Approved	$630,419.00	$472,814.25	$157,604.75

BOCC = Board of County Commissioners
EOC = Emergency Operations Center
EMS = Emergency Medical Services
HMGP = Hazard Mitigation Grant Program
n/a = Not Applicable
WRD = Water Resources Department

Appendix L
Public Assistance Projects

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
3150	10/15/1999	Hurricane	Lee	Cape Coral, City Of	No	1	$38,501.38
3150	10/15/1999	Hurricane	Lee	Fort Myers Beach Fire Department, Aka (Fort Myers Beach Fire Control District)	No	1	$3,252.89
3150	10/15/1999	Hurricane	Lee	Lee County	No	1	$84,094.11
3150	10/15/1999	Hurricane	Lee	Lee County Electric Coop Inc.	No	1	$100,346.40
3150	10/15/1999	Hurricane	Lee	Lehigh Acres Fire Control And Rescue District	No	1	$6,553.91
3150	10/15/1999	Hurricane	Lee	Sanibel	No	1	$24,278.74
3150	10/15/1999	Hurricane	Lee	South Trail Fire Protection & Rescue Service District	No	1	$2,665.26
1393	09/28/2001	Coastal Storm	Lee	Cape Coral, City Of	No	5	$10,734.91
1393	09/28/2001	Coastal Storm	Lee	Captiva Erosion Prevention	No	2	$0.00
1393	09/28/2001	Coastal Storm	Lee	Fort Myers Beach	No	3	$36,257.24
1393	09/28/2001	Coastal Storm	Lee	Fort Myers Beach Fire Department, Aka (Fort Myers Beach Fire Control District)	No	1	$1,702.63
1393	09/28/2001	Coastal Storm	Lee	Lee County	No	12	$287,880.37
1393	09/28/2001	Coastal Storm	Lee	Sanibel, City of	No	4	$26,280.25
1393	09/28/2001	Coastal Storm	Lee	Tice Fire Protection And Rescue	No	1	$2,040.54
1539	08/13/2004	Hurricane	Lee	Alva Fire Control And Rescue District	No	1	$3,558.22
1539	08/13/2004	Hurricane	Lee	Bayshore Fire & Rescue District	No	3	$2,924.10
1539	08/13/2004	Hurricane	Lee	Bayside Improvement Community Development District	No	1	$4,860.18

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1539	08/13/2004	Hurricane	Lee	Bishop Verot Catholic High	No	2	$5,154.77
1539	08/13/2004	Hurricane	Lee	Boca Grande Fire Department	No	4	$14,802.47
1539	08/13/2004	Hurricane	Lee	Bonita Springs, City Of	No	6	$39,985.84
1539	08/13/2004	Hurricane	Lee	Bonita Springs Fire & Rescue	No	3	$27,602.51
1539	08/13/2004	Hurricane	Lee	Calusa Nature Center & Planetarium	No	1	$0.00
1539	08/13/2004	Hurricane	Lee	Cape Coral, City Of	No	101	$10,392,278.86
1539	08/13/2004	Hurricane	Lee	Captiva Erosion Prevention	No	1	$4,001,328.11
1539	08/13/2004	Hurricane	Lee	Captiva Fire Control District	No	3	$12,437.44
1539	08/13/2004	Hurricane	Lee	Christian & Missionary Alliance Foundation Inc.	No	5	$181,305.43
1539	08/13/2004	Hurricane	Lee	Community Housing Resources	No	2	$28,216.87
1539	08/13/2004	Hurricane	Lee	Crestwell Higher Learning School, Inc.	Yes	1	$4,715.72
1539	08/13/2004	Hurricane	Lee	East County Water Control District	No	4	$292,992.86
1539	08/13/2004	Hurricane	Lee	Estero Fire Protection & Rescue	No	2	$11,476.45
1539	08/13/2004	Hurricane	Lee	Fort Myers Beach	No	25	$786,259.97
1539	08/13/2004	Hurricane	Lee	Fort Myers Beach Fire Department, Aka (Ft Myers Beach Fire Control Dist.) Withdrawn	No	2	$111,352.08
1539	08/13/2004	Hurricane	Lee	Fort Myers, City Of	No	96	$3,964,193.49
1539	08/13/2004	Hurricane	Lee	Gasparilla Island Water Assn	No	9	$56,923.44

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1539	08/13/2004	Hurricane	Lee	Greater Pine Island Water Inc.	No	10	$267,723.79
1539	08/13/2004	Hurricane	Lee	Gulf Care, Inc., Dba Gulf Coast Village	No	4	$45,950.82
1539	08/13/2004	Hurricane	Lee	Herons Glen Recreation District	No	4	$42,887.56
1539	08/13/2004	Hurricane	Lee	Housing Authority Of The City Of Fort Myers	No	3	$14,777.61
1539	08/13/2004	Hurricane	Lee	Iona McGregor Fire Department	No	3	$72,257.06
1539	08/13/2004	Hurricane	Lee	Island Water Association, Inc.	No	10	$270,164.56
1539	08/13/2004	Hurricane	Lee	Lee County	No	66	$20,106,262.88
1539	08/13/2004	Hurricane	Lee	Lee County Mosquito Control	No	5	$409,943.87
1539	08/13/2004	Hurricane	Lee	Lee County Port Authority Southwest Florida International Airport	No	3	$36,263.71
1539	08/13/2004	Hurricane	Lee	Lee County School District	Yes	138	$4,145,678.77
1539	08/13/2004	Hurricane	Lee	Lee County Sheriff-Crime Stop	No	3	$1,175,036.38
1539	08/13/2004	Hurricane	Lee	Lee Memorial Health System	No	16	$1,147,346.85
1539	08/13/2004	Hurricane	Lee	Lee Mental Health Center, Inc.	No	3	$17,474.85
1539	08/13/2004	Hurricane	Lee	Lehigh Acres Fire Control And Rescue District	No	1	$19,083.81
1539	08/13/2004	Hurricane	Lee	Matlacha-Pine Island Fire Department	No	3	$54,156.13
1539	08/13/2004	Hurricane	Lee	North Fort Myers Fire Control	No	2	$111,609.25
1539	08/13/2004	Hurricane	Lee	San Carlos Park Fire Department	No	3	$68,835.51

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1539	08/13/2004	Hurricane	Lee	Sanibel, City Of	No	43	$6,904,034.59
1539	08/13/2004	Hurricane	Lee	Sanibel Fire Control District	No	2	$84,643.85
1539	08/13/2004	Hurricane	Lee	Sanibel Public Library, Inc.	No	1	$2,102.00
1539	08/13/2004	Hurricane	Lee	South Trail Fire Protection & Rescue Service District	No	2	$76,091.02
1539	08/13/2004	Hurricane	Lee	Southwest Florida Addiction Services, Inc.	No	2	$18,271.89
1539	08/13/2004	Hurricane	Lee	Stoneybrook Community Development District., Withdrawn 6/7/05	No	1	$2,570.29
1539	08/13/2004	Hurricane	Lee	Tice Fire Protection And Rescue	No	2	$16,831.37
1539	08/13/2004	Hurricane	Lee	Upper Captiva Fire District	No	2	$145,254.92
1545	09/04/2004	Hurricane	Lee	Alva Fire Control And Rescue District	No	1	$2,854.99
1545	09/04/2004	Hurricane	Lee	Cape Coral, City Of	No	3	$147,863.24
1545	09/04/2004	Hurricane	Lee	Fort Myers, City Of	No	11	$301,909.68
1545	09/04/2004	Hurricane	Lee	Iona McGregor Fire Department	No	1	$27,810.02
1545	09/04/2004	Hurricane	Lee	Island Water Association, Inc.	No	1	$12,330.15
1545	09/04/2004	Hurricane	Lee	Lee County	No	2	$30,370.68
1545	09/04/2004	Hurricane	Lee	Lee County Sheriff-Crime Stop	No	2	$234,024.47
1545	09/04/2004	Hurricane	Lee	Lee Memorial Health System	No	2	$71,528.64
1545	09/04/2004	Hurricane	Lee	Lehigh Acres Fire Control And Rescue District	No	2	$15,768.68

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1545	09/04/2004	Hurricane	Lee	North Fort Myers Fire Control	No	1	$13,619.66
1545	09/04/2004	Hurricane	Lee	Sanibel, City Of	No	2	$41,078.82
1545	09/04/2004	Hurricane	Lee	South Trail Fire Protection & Rescue Service District	No	2	$21,751.33
1551	09/16/2004	Hurricane	Lee	Fort Myers, City Of	No	1	$6,879.32
1551	09/16/2004	Hurricane	Lee	Lee County	No	1	$8,149.25
1551	09/16/2004	Hurricane	Lee	Lee Memorial Health System	No	4	$153,658.17
1551	09/16/2004	Hurricane	Lee	Lehigh Acres Fire Control And Rescue District	No	2	$2,263.65
1561	09/26/2004	Hurricane	Lee	Fort Myers, City Of	No	2	$25,752.70
1561	09/26/2004	Hurricane	Lee	Lee Memorial Health System	No	1	$27,505.82
1561	09/26/2004	Hurricane	Lee	Lehigh Acres Fire Control And Rescue District	No	2	$4,873.37
1561	09/26/2004	Hurricane	Lee	North Fort Myers Fire Control	No	1	$4,669.63
1561	09/26/2004	Hurricane	Lee	South Trail Fire Protection & Rescue Service District	No	1	$4,574.23
1609	10/24/2005	Hurricane	Lee	Alva Fire Control And Rescue District	No	2	$3,935.98
1609	10/24/2005	Hurricane	Lee	Bayshore Fire & Rescue District	No	1	$5,227.43
1609	10/24/2005	Hurricane	Lee	Bayside Improvement Community Development District	No	3	$20,891.09
1609	10/24/2005	Hurricane	Lee	Bonita Springs, City Of	No	7	$698,159.37
1609	10/24/2005	Hurricane	Lee	Bonita Springs Fire & Rescue	No	3	$43,304.03
1609	10/24/2005	Hurricane	Lee	Cape Coral, City Of	No	43	$2,633,214.70

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1609	10/24/2005	Hurricane	Lee	Estero Fire Protection & Rescue	No	2	$26,517.21
1609	10/24/2005	Hurricane	Lee	Fort Myers Beach Fire Department	No	2	$48,643.52
1609	10/24/2005	Hurricane	Lee	Fort Myers Beach, Town Of	No	6	$139,853.33
1609	10/24/2005	Hurricane	Lee	Fort Myers, City Of	No	36	$2,489,485.22
1609	10/24/2005	Hurricane	Lee	Fort Myers Shores Fire Department	No	1	$8,941.72
1609	10/24/2005	Hurricane	Lee	Greater Pine Island Water Inc	No	4	$2,481,426.75
1609	10/24/2005	Hurricane	Lee	Housing Authority Of Fort Myers	No	13	$25,165.12
1609	10/24/2005	Hurricane	Lee	Iona McGregor Fire Department	No	2	$38,259.40
1609	10/24/2005	Hurricane	Lee	Lee County	No	28	$11,836,571.84
1609	10/24/2005	Hurricane	Lee	Lee County Port Authority Southwest Florida International Airport	No	14	$393,269.50
1609	10/24/2005	Hurricane	Lee	Lee County School District	Yes	71	$1,590,467.31
1609	10/24/2005	Hurricane	Lee	Lee County Sheriff-Crime Stop	No	2	$800,769.20
1609	10/24/2005	Hurricane	Lee	Lee Memorial Health System	No	18	$941,130.88
1609	10/24/2005	Hurricane	Lee	Lee Mental Health Center, Inc.	No	4	$17,740.42
1609	10/24/2005	Hurricane	Lee	Lehigh Acres Fire Control And Rescue District	No	2	$34,553.36
1609	10/24/2005	Hurricane	Lee	Matlacha-Pine Island Fire Department	No	1	$2,853.66
1609	10/24/2005	Hurricane	Lee	North Fort Myers Fire Control	No	3	$35,858.92

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1609	10/24/2005	Hurricane	Lee	San Carlos Park Fire Department	No	2	$61,473.16
1609	10/24/2005	Hurricane	Lee	Sanibel	No	22	$1,115,140.95
1609	10/24/2005	Hurricane	Lee	Sanibel Fire Control District	No	1	$14,369.94
1609	10/24/2005	Hurricane	Lee	South Trail Fire Protection & Rescue Service District	No	2	$51,112.50
1609	10/24/2005	Hurricane	Lee	Tice Fire Protection And Rescue	No	2	$10,970.76
1785	08/24/2008	Severe Storm(s)	Lee	Bayshore Fire Department	No	1	$10,436.25
1785	08/24/2008	Severe Storm(s)	Lee	Bonita Springs	No	2	$18,156.93
1785	08/24/2008	Severe Storm(s)	Lee	Bonita Springs Fire & Rescue	No	1	$35,350.93
1785	08/24/2008	Severe Storm(s)	Lee	Cape Coral	No	3	$174,885.21
1785	08/24/2008	Severe Storm(s)	Lee	Estero Fire Protection & Rescue	No	1	$14,073.63
1785	08/24/2008	Severe Storm(s)	Lee	Fort Myers	No	13	$280,593.09
1785	08/24/2008	Severe Storm(s)	Lee	Fort Myers Beach	No	1	$3,130.73
1785	08/24/2008	Severe Storm(s)	Lee	Greater Pine Island Water Inc.	No	1	$796.77
1785	08/24/2008	Severe Storm(s)	Lee	Iona McGregor Fire Department	No	1	$17,270.01
1785	08/24/2008	Severe Storm(s)	Lee	Lee (County)	No	6	$1,254,118.21
1785	08/24/2008	Severe Storm(s)	Lee	Lee County Mosquito Control	No	1	$164,150.51
1785	08/24/2008	Severe Storm(s)	Lee	Lee County Port Authority	No	1	$10,741.01
1785	08/24/2008	Severe Storm(s)	Lee	Lee Memorial Health System	No	1	$5,081.53

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1785	08/24/2008	Severe Storm(s)	Lee	Lehigh Acres Fire Control District	No	1	$26,117.93
1785	08/24/2008	Severe Storm(s)	Lee	North Fort Myers Fire Control	No	1	$4,812.91
1785	08/24/2008	Severe Storm(s)	Lee	Sanibel	No	1	$72,344.39
1785	08/24/2008	Severe Storm(s)	Lee	South Trail Fire Department	No	1	$22,333.40
1785	08/24/2008	Severe Storm(s)	Lee	Tice Fire Department	No	1	$7,947.32
4068	07/03/2012	Severe Storm(s)	Lee	Cape Coral	No	2	$2,404.50
4068	07/03/2012	Severe Storm(s)	Lee	Fort Myers	No	5	$256,921.76
4068	07/03/2012	Severe Storm(s)	Lee	Fort Myers Beach	No	5	$42,744.15
4068	07/03/2012	Severe Storm(s)	Lee	Lee (County)	No	6	$76,471.13
4068	07/03/2012	Severe Storm(s)	Lee	Lee County Mosquito Control	No	1	$13,957.43
4068	07/03/2012	Severe Storm(s)	Lee	Sanibel	No	4	$18,963.81
				Hendry County			
3150	10/15/1999	Hurricane	Hendry	Clewiston, City Of	No	2	$21,088.01
3150	10/15/1999	Hurricane	Hendry	Hendry County	No	2	$6,683.84
1539	08/13/2004	Hurricane	Hendry	Clewiston, City Of	No	1	$4,598.60
1539	08/13/2004	Hurricane	Hendry	Hendry County	No	4	$24,896.79
1539	08/13/2004	Hurricane	Hendry	Hendry County School District	Yes	1	$0.00
1539	08/13/2004	Hurricane	Hendry	Hendry County Sheriff's Office	No	1	$14,984.75

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1545	09/04/2004	Hurricane	Hendry	Clewiston, City Of	No	15	$205,707.28
1545	09/04/2004	Hurricane	Hendry	Hendry County	No	4	$92,112.28
1545	09/04/2004	Hurricane	Hendry	Hendry County Hospital Authority	No	5	$19,382.19
1545	09/04/2004	Hurricane	Hendry	Hendry County School District	Yes	9	$61,687.00
1545	09/04/2004	Hurricane	Hendry	Hendry County Sheriff's Office	No	2	$47,003.90
1561	09/26/2004	Hurricane	Hendry	Clewiston, City Of	No	9	$86,312.11
1561	09/26/2004	Hurricane	Hendry	Hendry County	No	4	$21,220.57
1561	09/26/2004	Hurricane	Hendry	Hendry County Hospital Authority	No	2	$7,748.96
1561	09/26/2004	Hurricane	Hendry	Hendry County School District	Yes	15	$89,062.38
1561	09/26/2004	Hurricane	Hendry	Hendry County Sheriff's Office	No	1	$18,409.36
1609	10/24/2005	Hurricane	Hendry	Clewiston, City Of	No	54	$1,535,120.77
1609	10/24/2005	Hurricane	Hendry	Clewiston Drainage District	No	6	$64,478.86
1609	10/24/2005	Hurricane	Hendry	Diston Island Drainage District	No	3	$77,756.49
1609	10/24/2005	Hurricane	Hendry	Hendry County	No	78	$1,282,402.49
1609	10/24/2005	Hurricane	Hendry	Hendry County Hospital Authority	No	13	$619,888.94
1609	10/24/2005	Hurricane	Hendry	Hendry County School District	Yes	54	$2,199,227.65
1609	10/24/2005	Hurricane	Hendry	Hendry County Sheriff's Office	No	5	$339,694.46
1609	10/24/2005	Hurricane	Hendry	LaBelle, City Of	No	7	$80,526.29

Disaster Number	Declaration Date	Incident Type	County	Applicant Name	Education Applicant	Number of Projects	Federal Share Obligated
1785	08/24/2008	Severe Storm(s)	Hendry	Central County Water Control District	No	4	$132,785.71
1785	08/24/2008	Severe Storm(s)	Hendry	City Of Clewiston	No	5	$22,074.48
1785	08/24/2008	Severe Storm(s)	Hendry	Hendry (County)	No	17	$511,038.46
1785	08/24/2008	Severe Storm(s)	Hendry	Hendry County Hospital Authority	No	1	$216.50
1785	08/24/2008	Severe Storm(s)	Hendry	Hendry County School District	Yes	1	$3,540.68
1785	08/24/2008	Severe Storm(s)	Hendry	Hendry County Sheriff's Office	No	1	$806.80

Appendix M

Mitigation Projects Identified in the Local Mitigation Strategy

The mitigation initiatives listed in the following table were taken directly from *Section VII: Mitigation Initiatives* of the Lee County LMS (Lee County, 2010).

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Bonita Springs	Retrofit & Storm Shutter Recreation Gymnasium	$1,500,000	34	HMGP	1-2 years	TC,FL,TH		Deferred; awaiting funding
Bonita Springs	Oak/Leitner Creek Cleaning & Snagging	$160,000	32	General Revenue			Public Works	Partially completed
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$31,200	27	HMGP	3-5 years	TC, FL, TH	Bonita Springs City Administration	Deferred; awaiting funding
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$70,000	26	HMGP	3-5 years	TC, FL, TH	Bonita Springs City Administration	Deferred; awaiting funding
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$31,562	26	HMGP	3-5 years	TC, FL, TH	Bonita Springs City Administration	Deferred; awaiting funding
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$50,000	26	HMGP	3-5 years	TC, FL, TH	Bonita Springs City Administration	Deferred; awaiting funding
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$44,959	26	HMGP	3-5 years	TC, FL, T	Bonita Springs City Administration	Deferred; awaiting funding
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$43,850	27	HMGP	3-5 years	TC, FL, TH	Bonita Springs City Administration	Deferred; awaiting funding
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$67,735	27	HMGP	3-5 years	TC, FL, TH	Bonita Springs City Administration	Deferred; awaiting funding
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$48,400	27	HMGP	3-5 years	TC, FL, TH	Bonita Springs City Administration	Deferred; awaiting funding
Bonita Springs	Repetitive Loss Property Elevation: address not available for public viewing	$50,000	26	HMGP	3-5 years	TC, FL, TH	Bonita Springs City Administration	Deferred; awaiting funding

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
	2012 Bonita Beach Renourishment	$2,666,000	20	General revenue	2 years	TC, CE	Lee County Marine Services	Deferred; funded for future nourishment
Cape Coral	Storm-Resistant Public Works Facilities: Everest Compound	$5,000,000	24	General revenue, EMPG	5-7 years	TC, TH, TR	Public Works	Deferred; project is currently being considered by the Public Works Department to be broken down into smaller projects; more details to follow
Fort Myers Beach	Fort Myers Beach Basin-Based Drainage Improvements Project	$350,000	29	HMGP	1.5 Years	TC, TH, FL	Public Works	Status: FEMA approved Phase I (planning & design); waiting for approval of Phase I deliverables to move to Phase II funding for construction
Fort Myers Beach	N. Estero Boulevard Drainage Improvement Project	$2,200,000	33	HMGP	4 months	TC, TH, FL	Public Works	70% complete
Fort Myers Beach	Estero Island Beach Restoration Project	$2,500,000	34	Local funds	5-7 years	CE	Lee County Marine Services	Partially completed
Fort Myers Beach	Estero Island Canal Dredging	$500,000	25	HMGP	1-2 years	TC, TH, FL	Public Works	Deferred; awaiting funding
Fort Myers Beach	Floodplain Public Outreach Program	$10,000	25	Local funds	1 year	TC, TH, FL	Public Works	Deferred; awaiting funding
Fort Myers Beach	Potable Water Interconnect	$1,000,000	30	Local funds	2-3 years	TC, TH, FL, DR	Lee County Utilities	Partially completed
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$80,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$80,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$113,535	28	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$80,000	28	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$80,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$80,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$217,224	29	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$75,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding
Fort Myers Beach	Repetitive Loss Property Elevation: address not available for public viewing	$250,000	27	HMGP, FMAG	3-5 years	TC, TH, FL	Fort Myers Beach Department of Community Development	Deferred; awaiting funding

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Fort Myers, City	Citywide Intersection Improvements	$1,200,000	30	Local funds	5-7 years	TC, TH, FL, TR, WF	Fort Myers Public Works	Deferred; project on hold; awaiting funding
Fort Myers, City	Citywide Property Retrofit Program	$500,000	24	General revenue	3-5 years	TC, TH, FL	Fort Myers Public Works	Deferred; project on hold; awaiting funding
Fort Myers, City	Dean Park Neighborhood Engineering Drainage Improvements	$2,000,000	38	HMGP	1 year	TC, TH, FL	Lee County Public Works	Phase II completed; entire project near completion
Fort Myers, City	Drainage Project – Edison and Ford Winter Estates	$450,000	36	General revenue	2 years	TC, TH, FL	Ford Foundation	Planning stages
Fort Myers, City	Floodplain Outreach Program	$5,000	25	General revenue	1 year		Public Works	Deferred; awaiting funding
Fort Myers, City	Manuels Branch Watershed Improvement (formerly Harold Avenue Flood Protection)	$3,231,338	38	HMGP		TC, TH, FL	Public Works	Construction stage
Fort Myers, City	Wind Retrofit for Harbor Side and STARS Complex	$300,000		EMPG	1-2 years	TC, TH, TR	Data not available	Deferred; awaiting funding
Fort Myers, City	Retrofit Fire Stations 2, 3 and 4 – Fort Myers Fire Department	$105,000	36	HMGP	–	–	Data not available	Data not available
Fort Myers, City	L-3 Galloway Canal	$100,000	25	General revenue	–	–	Data not available	Data not available
Fort Myers, City	Storm Shutters & Harden Building – Edison and Ford Winter Estates	$339,823	34	HMGP	1 year	TC, TH, TR	Ford Foundation	Deferred; awaiting funding
Fort Myers, City	Construct Water Line Interconnect Between City of Ft. Myers, City of Cape Coral, & Lee City to Provide Drinking Water to All 3 Municipalities	$21,900,000	38	BCA PDMG	5 years	DR	Public Works	Deferred; awaiting funding
Lee County	Additional Rain/Stage Recorders in North Fort Myers	$31,500	24	General revenue	1 year	TC, TH, FL	Lee County Natural Resources	Deferred; lack of funding

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Lee County	Battery Back-Up System for Traffic Signals	$110,000	28	General revenue	1 year	TC, TH, FL, TR, WF	Lee County Department of Transportation	May be funded under pre-disaster mitigation funds
Lee County	Briarcliff Drainage Improvements	$550,000	31	HMGP		TC, TH, FL	Lee County Natural Resources	Deferred; lack of funding
Lee County	Broadway Palm Dinner Theater Hurricane Shelter Retrofit	$26,000	32	HMGP, EMPG	1 year	TC, TH, TR	Lee County Public Safety	Deferred; awaiting funding
Lee County	Captiva Island Beach Restoration Project	$9,319,400	21	General revenue	5-7 years	TC, CE	Lee County Marine Services	Funded
Lee County	Edison Community College Hurricane Shelter Retrofit (4 Buildings)	$78,548	32	HMGP, EMPG	1 year	TC, TH, TR	Public Safety	Deferred; awaiting funding
Lee County	Gasparilla Island Beach Restoration Project	$12,149,016	21	General revenue	5-7 years	TC, CE	Lee County Marine Services	Funded
Lee County	Gator Slough Channel Improvements	$7,000,000	27	HMGP	5-7 years	TC, TH, FL	Natural Resources	Partially completed
Lee County	Greater Pine Island Water Association – Upgrade & Replace Administrative Office & Maintenance Facility Windows w/ Hurricane-Resistant Windows	$12,000	25	HMGP	1 year	TC, TH, TR	Greater Pine Island Water Association	Deferred; awaiting funding
Lee County	Greater Pine Island Water Association – Upgrade & Replace Under-Sized Bulk Diesel Tank Fuel System for GPIWA Water Plant Emergency Generator w/a 2,000-Gallon System	$30,000	34	EMPG	1 year	TC, TH, DR	Greater Pine Island Water Association	Deferred; awaiting funding
Lee County	Hazard Tree Removal from Lee County ROW	$1,000,000	42	General revenue	Ongoing	TC, TH, FL, TR, WF	Lee County Department of Transportation	Ongoing

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Lee County	Lee County Emergency Operations Center at Ortiz Avenue	$15,351,000	30	HMGP	2-3 years	All Hazards	Planning and Construction	Partially completed
Lee County	Manna Christian RV Park – Purchase	$3,500,000	19	HMGP	2-4 years	TC, TH, FL, TR	Lee Board of County Commissioners	
Lee County	NFM Flood Prevention Study	$180,000	29	General revenue	2-3 years	TC, TH, FL	Natural Resources	Partially completed
Lee County	North Shore Alliance Church of N. Fort Myers Hurricane Shelter Retrofit	$137,100	32	HMGP	1 year	TC,TH, TR	Public Safety	Deferred; awaiting funding
Lee County	Pine Island Ditch Exotic Removal	$810,000	33	General revenue	Ongoing	WF	Lee County Department of Transportation	Ongoing
Lee County	Powell Creek Bypass Extension	$1,500,000	26	HMGP	3-5 years	TC, FL, TH, TR, WF	Natural Resources	Deferred; awaiting funding
Lee County	Real Time Data Forecasting	$125,000	30	General revenue	1 year	TC, FL, TH, TR, WF	Public Safety	Deferred; awaiting funding
Lee County	Relocate Span-Wire Mounted Street Name Signs to Poles	$485,968	27	General revenue	1-2 years	TC, TH, TR	Lee County Department of Transportation	Ongoing
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$69,580	26	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$2,324	28	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$71,305	26	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$46,376	28	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$72,200	26	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$44,688	26	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$38,507	26	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$51,854	27	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$30,148	25	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$70,000	25	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Repetitive Loss Property Acquisition: address not available for public viewing	$320,000	27	HMGP	3-5 years	TC, TH, FL	Public Safety	Deferred; awaiting funding
Lee County	Replace 1/4" Span Wire with 3/8" Span Wire	$205,000	25	General revenue	1-2 years	TC, TH, TR	DOT	Ongoing as funds become available
Lee County	San Carlos Drainage Improvements	$550,000	29	HMGP	on-going	TC, TH, FL	Natural Resources	Partially completed
Lee County	Sheriff's Office Aviation Unit Generator	$25,000	36	EMPG Homeland Security Grant	1 year	TC, TH, FL, WF, FR	Sheriff's Office	Deferred; awaiting funding
Lee County	Sheriff's Office Emergency Backup Voice & Data System	$600,000	40	EMPG Homeland Security Grant		TC, TH, FL, WF, FR	Sheriff's Office	Deferred; awaiting funding
Lee County	Storm Shutters for 16 County Facilities (incl. Animal Shelter)	$704,985	40	HMGP		TC, TH, TR	Planning and Construction	3/05 removed from HMGP list; remains on LMS list

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
Lee County	Traffic Signal Span Replacement with Mast Arms	$2,500,000	26	HMGP	2-4 years	TC, TH, TR	DOT	Deferred; awaiting funding
Lee County	Unitarian Universalist Church of Fort Myers Hurricane Shelter Retrofit	$97,050	32	HMGP	1 year	TC, TH, TR	Public Safety	Deferred; awaiting funding
Lee County	Emergency Generator at Lee County Emergency Operations Center (Buckingham Road)	$750,000	30	HMGP	2-3 years	TC, TH, TR, FL, WF, FR	Public Safety	Ongoing
Lee County	Suncoast Community Center – - Harden and Improve Structure to Withstand 160mph Winds and Enlarge Capacity to Shelter 500 People	$250,000	34	All Hazards MSTU, EMPG	1-2 years	TC, TH, TR, FL, WF, FR	Human Services	Ongoing
Lee County	Flood Warning Signs – Luettich Lane and Sherrill Lane in Estero	$684	17	General revenue	<1year	TC, TH, FL	Lee County Department of Transportation	New project; deferred until funding is available
Lee County	Flood Warning Signs – Bartholomew Road	$684	17	General revenue	<1year	TC, TH, FL	Lee County Department of Transportation	New project, deferred until funding is available
Lee County	2012 Lovers Key Beach Renourishment	$2,500,000	21	City General Funds/TDC Bed Tax	2 years	TC, CE	Lee County Marine Services	Deferred; funded, will occur in 2012
Lee County	Target Neighborhood Fire Public Information Project	$5,000	20	General revenue	<1year	WF	Lee County Public Safety	New project; will be deferred until funding is found
City of Sanibel	Back-Up Sewer Capacity	$5,000,000	16	General revenue	3-5 years	TC, TH, TR, FL	Sanibel Public Works	Deferred; awaiting funding
City of Sanibel	Beach Restoration Project from Blind Pass to Sanibel Lighthouse	$14,000,000	42	General revenue	5-7 years	TC, CE	Lee County Marine Services	Deferred; funding will be restored in the future
City of Sanibel	Critical Structures Elevation (old name: Design & Construction of Above-Flood Elevation Storage Facility for Emergency Response Vehicles)	$600,000	30	HMGP	2-3 years	TC, TH, FL	Sanibel Building Department, Sanibel Public Works	Deferred; awaiting funding

Jurisdiction	Projects	Estimated Cost	Final Score	Potential Resources	Timeframe	Hazard	Responsible Department	Status
City of Sanibel	Emergency Dispatch Mobile CAD & RMS Communication System	$140,000	35	General revenue	1-2 years	TC, TH, FL, TR, WF	Sanibel MIS	Deferred; awaiting funding
City of Sanibel	Emergency Dispatch Mobile Repeater System	$80,800	35	General revenue	1 year	TC, TH, FL, TR, WF	Sanibel MIS	Deferred; awaiting funding
City of Sanibel	Standby Power & Pumping for Wastewater Collection System	$100,000	37	EPMG	1 year	TC, TH, FL	Sanibel Utilities	Deferred; awaiting funding
City of Sanibel	Civic Center Reconstruction/Re-Enforcement	$340,000		General revenue	2-3 years	TC, TH	Sanibel Parks and Recreation	Deferred; awaiting funding

Table does not contain removed or completed projects
CR= Coastal Erosion
DOT = Department of Transportation
DR = Drought
EMPG = Emergency Management Performance Grant
FL = Flood
FMAG = Fire Management Assistance Grant
GPIWA = Great Pine Island Water Association
HMGP = Hazard Mitigation Grant Program
NFM = North Fort Myers
PDMG = Pre-Disaster Mitigation Grant
TH = Thunderstorm
TR = Tornado
WF = Wild Fire

The mitigation initiatives listed in the following table were taken directly from *Section II: Mitigation Initiatives* of the Hendry County LMS (Hendry County, 2010).

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
Hendry County	All Hazard Education and Outreach	$54,000	PDM	Ongoing	All	All	This project provides for Education and Outreach for all hazards by way of handouts, seminars, a website, and other methods. Also allows the promotion of: CERT, Fire wise Community and Storm Ready Community.	New	Both
Hendry County	Early Warning System (Sirens)	$100,000	HMGP	1-5 years	All	Hendry County Fire Department	This project places a public notification siren at the Felda, Pioneer, Labelle, Montura Fire Departments as well as at the Hendry County EOC. These sirens would be used to notify these communities in the event of an emergency.	New	Existing
Hendry County	Early Warning System (Telephone)	$25,000	HMGP	1-5 years	All	Hendry County Sheriff's Office	This telephone warning system is a state-of-the art, comprehensive, mass notification solution designed to deliver high-speed, high volume, targeted messages to select groups or geographic areas in the event of an emergency.	New	Existing

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
City of Labelle	City of Labelle Civic Center Shelter Retrofit (2005)	TBD	HMGP	1-5 years	CS,TS, TO	Labelle Public Works	This project would allow for the storm shutter retrofit of all window openings and doorways of the City of Labelle Civic Center. Hendry County and the City of Labelle would be able to continue sheltering the public and/or continue other general government operations in the event of an emergency.	*Deferred	Existing
Hendry County	Hazardous Tree Removal from ROW (2005)	$175,000	PDM	Ongoing	CS,TS, TO	ALL	This project will allow for the removal of hazardous trees from Hendry County Road right-of-ways. It will mitigate possible future damage incurred to roadways, structures and equipment in the event of airborne debris from hurricane events. As a result Hendry County will be able to continue general operations in the event of a hurricane without having to remove downed trees post-event.	*Deferred	Existing

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
Hendry County	Special Needs Shelter Retrofit/Upgrade (2005)	$250,000	HMGP	1-5 years	CS, TS, TO	Hendry County EM	This project will allow for the installation of storm shuttering and upgrade the level of protection for shelters designated as special needs shelters. The shuttering will enhance the safety of special needs population. As a result, airborne debris will not be able to penetrate the structure and the overall integrity of the building will be maintained.	*Deferred	Existing
Hendry County	Wildfire Fuel Reduction	$50,000	PDM	Ongoing	WF	Hendry County Fire Department	This project will reduce the potential wildfire risk, by reducing the dry brush and vegetation that fuels a wildfire.	New	Both
Hendry County	Storm Shuttering: State Attorney's Office Building	$50,000	HMGP	1-5 years	CS, TS, TO	Hendry County EM	This project will allow for the installation of storm shuttering at the State Attorney's Office. The integrity of the structure will be maintained by the prevention of airborne debris from compromising the structure. As a result, the State Attorney staff will be able to maintain confidential information in the event of a storm or other hazardous event.	New	Existing

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
Hendry County	Storm Shuttering: Harlem Civic Center	$50,000	HMGP	1-5 years	CS, TS, TO	Hendry County EM	This project will allow for the installation of storm shuttering at the Harlem Civic Center. The integrity of the structure will be maintained by the prevention of airborne debris from compromising the structure. As a result, Hendry County will be able to maintain government operations in the event of a storm or other hazardous event.	New	Existing
Hendry County	Storm Shuttering: Felda Civic Center	$50,000	HMGP	1-5 years	CS, TS, TO	Hendry County EM	This project will allow for the installation of storm shuttering at the Felda Civic Center. The integrity of the structure will be maintained by the prevention of airborne debris from compromising the structure. As a result, Hendry County will be able to maintain government operations in the event of a storm or other hazardous event.	New	Existing
Hendry County	Storm Shuttering: Pioneer Community Center	$50,000	HMGP	1-5 years	CS, TS, TO	Hendry County EM	This project will allow for the installation of storm shuttering at the Pioneer Community Center. The integrity of the structure will be maintained by the prevention of airborne debris from compromising the structure. As a result, Hendry County will be able to maintain government operations in the event of a storm or other hazardous event.	New	Existing

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
Hendry County	Clewiston EMS Shuttering & Bay Door Bracing	$75,000	HMGP	1-5 years	CS, TS, TO	Hendry County EMS	This project provides for storm shuttering for the Clewiston EMS station and further enhancing the strength of the apparatus bay doors.	New	Existing
Hendry County	Labelle EMS Shuttering & Bay Door Bracing	$75,000	HMGP	1-5 years	CS, TS, TO	Hendry County EMS	This project provides for storm shuttering for the Labelle EMS station and further enhancing the strength of the apparatus bay doors.	New	Existing
Hendry County	Pioneer/Mid County Stormwater Drainage Improvements (2005)	$840,000	HMGP	Ongoing	FL, DR	Hendry County Engineering	This project will allow for the overall reduction of TMDLs by the utilization of BMPs and other improvements; implementing our Stormwater master plan. Improvements will be made in the Pioneer Mid-County region. As a result flooding will be mitigated in the Pioneer Mid-County region.	*Deferred	Both
Hendry County	Ditch Widening in Ft. Denaud, Felda, Pioneer, Montura and Ladeca	$150,000	HMGP	Ongoing	FL	Hendry County Eng.	This project will improve the existing storm drainage for the community in Ft. Denaud, Felda, Pioneer, and LaDeca and Montura	New	Existing

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
Hendry County	Storm Hardening of Health Department Building on Olympia St in Clewiston (2005)	$50,000	HMGP	1-5 years	CS, TS, TO	Hendry County HD	This project will allow for storm shuttering and wind upgrades, for hurricane force winds, of the Health Department Building on Olympia Street in Clewiston. The integrity of the structure will be enhanced by the prevention of airborne debris from compromising the structure. As a result Hendry County will be able to continue health operations in a high wind event.	*Deferred	Existing
Hendry County	Storm Hardening of Dallas Townsend Education Center (2005)	$250,000	HMGP	1-5 years	CS, TS, TO	Hendry County AG Ext.	This project will allow for hurricane shuttering of the Dallas Townsend Center. The integrity of the structure will be enhanced by the prevention of airborne debris from compromising the structure. As a result Hendry County will be able to continue operations in the event of a hurricane.	*Deferred	Existing
Hendry County	Airport/Sears Stormwater Drainage Improvements (2005)	$4,000,000	HMGP	Ongoing	CS, TS, TO	Hendry County Eng.	This project will allow for the overall reduction of TMDLs by the utilization of BMPs and other improvements, implementing our Stormwater master plan. Improvements will be made in the Airport-Sears region. As a result flooding will be mitigated in the Airport-Sears region.	*Deferred	Both

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
Hendry County	Four Corners Stormwater Drainage improvements (2005)	$3,200,000	HMGP	Ongoing	CS,TS, TO	Hendry County Eng.	This project will allow for the overall reduction of TMDLs by the utilization of BMPs and other improvements, implementing our Stormwater master plan. Improvements will be made in the Four Corners region. As a result flooding will be mitigated in the Four Corners region.	*Deferred	Both
Hendry County	Storm Hardening of PLUS Office Building and Lab (2005)	$200,000	HMGP	1-5 years	CS, TS, TO	Hendry County PLUS	This project will allow for storm shuttering and wind upgrades for hurricane force winds of the Port LaBelle Office Building and Lab. The integrity of the structure will be enhanced by the prevention of airborne debris from compromising the structure. As a result Hendry County will be able to continue operations in the event of a hurricane.	*Deferred	Existing
Hendry County	Storm Hardening of Water and Sewage Treatment Plants (2005)	$300,000	HMGP	1-5 years	CS, TS, TO	Hendry County PLUS	This project will allow for hurricane shuttering and other hardening measures on structures located at the Port LaBelle Utilities Water and Sewer Treatment Plant. The integrity of the structures will be enhanced by the prevention of airborne debris from compromising the structures. As a result Hendry County will be able to continue water and sewer operations in the event of a hurricane.	*Deferred	Existing

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
All	Pet-Friendly Shelters	$100,000		5-10 years	All	All	This project allows for the creation of pet friendly shelters or the retrofit of existing shelters. Currently Hendry county does not have any pet friendly shelters.	New	Existing
Hendry County	Wheeler Road Evacuation Route Road Improvements (2005)	$5,100,000	PDM	1-5 years	All	Hendry County Eng.	This project will allow for improvements to enhance capacity to Wheeler Road. This road is a potential evacuation route for East Lehigh Acres and western Hendry County. As a result, the population of people evacuating from those regions will be able to travel safely and more efficiently.	*Deferred	Existing
Hendry County	Storm Hardening of Airglades Terminal Building (2005)	$300,000	HMGP	1-5 years	CS, TS, TO	Hendry County Eng.	This project will allow for the installation of storm shuttering and wind upgrades for hurricane force winds. This upgraded structure will allow for a backup emergency operations center centrally located in the county. As a result of this project, Hendry County will have a potential backup EOC to deal with any event.	*Deferred	Existing

Jurisdiction	Project	Estimated Cost	Funding Source	Time	Hazard	Responsible Agency	Description	Project Status	Addresses New or Existing Infrastructure?
Hendry County	Hendry County Shelter Retrofit	$229,000	Shelter Retrofit Grant	N/A	CS, TS, TO	Hendry County EM	This project allowed for the installation of storm shuttering on Hendry County School Board buildings, some of which are used as shelters. The shuttering provided for the safety of minor children and adults. As a result airborne debris cannot penetrate the structure and the overall integrity of the building is maintained	Complete	Existing
Hendry County	Hendry County Emergency Operations Center (All)	$5,000,000	HMGP	N/A	All	Hendry County EM	This project will allow for the construction of an emergency operations center for Hendry County. It will provide for the safety and security of emergency personnel who oversee emergency operations. Communication will be enhanced and as a result Hendry County will be able to effectively mitigate any hazardous event.	Complete	New
Hendry County	Retrofit Low/Moderate Income Housing	$100,000	N/A	1-5 years	N/A	All	The retrofit program provides assistance which promotes wind mitigation to residents. This includes retrofits, inspections and construction or modification of building components designed to increase a structure's ability to withstand hurricane-force winds; all retrofits should result in systemic improvement of wind resistance to the structure and should be cost effective and efficient in application	New	New

*Projects were deferred due to lack of County or municipal funding
Table includes projects only for Hendry County and City of LaBelle
BMP = Best Management Practice
CERT = County Emergency Management
CS = Coastal Storm
DR = Drought
EM = Emergency Management
EMS = Emergency Medical Services
EOC = Emergency Operation Services
FL = Flood, HD = Health Department
HMGP = Hazard Mitigation Grant Program
PDM = Pre-Disaster Mitigation
PLUS = Port LaBelle Utility System
ROW = Right of Way
TMDL = Total Maximum Daily Load
TO = Tornado
WF = Wild Fire
TS = Thunderstorm

Appendix N
Local Mitigation Strategy Approved Action Plan

The programs and projects supporting preventative mitigation activities listed in the following table were taken directly from Approved Action Plan in the Lee County LMS, which was amended in 2013 in the supplemental document *"Lee County Floodplain Management Plan Status Report – 2013"* (Lee County, 2013c). A copy of the report is available for review from the Lee County Division of Public Safety's Administrative Office.

Project Description	Cost/Fund Source	Participating Agency	Hazard Addressed	Beneficiary	Status
Projects and Programs Supporting Preventatives Mitigation Activities					
Continue programs supporting Comprehensive Plan initiatives, Land Development Code regulations	$3.3 million/ Unincorporated MSTU $1 million/ Cape Coral[(1)]	Lee County, Dept. of Community Development, Planning Division, Development Services Division Cape Coral Dept. of Community Development, Planning & Growth Management Division	TC, TH, FL, CE, WF, TR	Unincorporated Lee County Cape Coral	On-going; Lee's significant Comp Plan update revises the Conservation and Coastal Management Element and creates a new Community Safety and Well Being element to address natural disasters among other safety issues
Purchase land parcels to promote open space preservation in hazard prone areas	$22 million/ Conservation 2020 Fund	Lee County Lands/Parks & Recreation, South Florida Water Management District.	FL, CE, TC	All communities in Lee County	On-going
Continue enforcement of current floodplain and other land development regulations	$8.9 million/ Unincorporated MSTU $5.6 million / Cape Coral	Lee County, Dept. Of Community Development, Development Services Cape Coral Dept. of Community Building Division, Code Compliance Division	FL, TC	Unincorporated Lee County Cape Coral	On-going
Continue current surface water management program	$1.5 million/ Unincorporated MSTU $365,630 / Cape Coral	Lee County Surface Water, Natural Resources Mgmt. Division Cape Coral Public Works Dept	FL, TC	Unincorporated Lee County, Bonita Springs Cape Coral	On-going
Continue current drainage system maintenance program of county canals & roadside ditches.	$4.2 million / Lee County Department of Transportation	Lee County Dept. Of Transportation, Canal & Roadway/Pipe/Ditch Maintenance Programs	FL, TC	Unincorporated Lee County, Bonita Springs	On-going

Project Description	Cost/Fund Source	Participating Agency	Hazard Addressed	Beneficiary	Status
Implement Long Range Beach Erosion Control Budget Plan.	$19.5 million – Captiva and Northern Sanibel / Lee County Beach Mgmt., local assessments by CEPD, bed tax, state grant $70,000 – Estero Island / Lee County Beach Mgmt., FDEP $9.8 million – Gasparilla Island / US Army Corps[(2)], Lee County Beach Mgmt., FDEP $3.9 million – Lovers Key / Lee County Beach Mgmt. $2.3 million – Bonita Beach / Lee County Beach Mgmt., bed tax, FDEP $1 million – Blind Pass / Lee County Beach Mgmt., FDEP	Federal, FDEP, Lee County, Other Local	CE, TC	Unincorporated Lee County, Bonita Springs, Fort Myers Beach	On-going Post-construction monitoring On-going On-going On-going Post-construction monitoring
City of Fort Myers Dean Oak Neighborhood Engineering & Drainage Improvements	$2.8 million / Hazard Mitigation Grant Program	FEMA, City of Fort Myers Public Works	FL, TC	City of Fort Myers	Completed in 2012
Manuals Branch Watershed Improvement Drainage Projects	$1,875,000 / Hazard Mitigation Grant Program	FEMA. City of Fort Myers Public Works	FL, TC	City of Fort Myers	Construction project was re-advertised
Continue to implement water restriction ordinances	Program staff time / General Fund	Lee County, Cities, South Florida Water Management District	DR	Unincorporated Lee County, all cities	On-going
Enact burn bans when drought conditions warrant it	Program staff time / All Hazards MSTU	Lee County Public Safety, Florida Division of Forestry, Lee County Fire Chiefs Association	WF	Unincorporated Lee County, all cities	On-going

Project Description	Cost/Fund Source	Participating Agency	Hazard Addressed	Beneficiary	Status
Programs and Projects Supporting Property Protection Activities					
Purchase appropriate repetitive loss properties	$132,442 / Flood Mitigation Assistance Program & EMPA Trust Fund $575,672 / Hazard Mitigation Grant Program	FEMA, Lee County Dept. Of Public Works, Division of County Lands, Division of Public Safety	FL, TC	Unincorporated Lee County, Bonita Springs, Fort Myers Beach, Fort Myers	Purchased four properties; nine properties demolished by owners; including one in Fort Myers in 2012.
Freeboard requirement for new construction located in the X Zone of floodplain	Program staff time / General Fund, Unincorporated MSTU	Lee County, Community Development Department, County Attorney's Office	FL, TC	Unincorporated Lee County	Adopted by County, August 2000
Retrofit eligible repetitive loss properties	$273,827 / Flood Mitigation Assistance Program, Residential Construction Mitigation Program	FEMA, Florida Dept. Of Community Affairs, Lee County, Division of Public Safety	FL, TC	Unincorporated Lee County, Bonita Springs, Fort Myers Beach	Elevated eight repetitive loss properties to date
Elevation of Private Residences, Fort Myers Beach	$193,095 / Hazard Mitigation Grant Program	FEMA, Town of Fort Myers Beach	FL, TC	Fort Myers Beach	Application denied by FEMA
Edison and Ford Winter Estates Wind Retrofit	$458,709 / Hazard Mitigation Grant Program	FEMA, City of Fort Myers	TC, TH, TR	City of Fort Myers	Completed in 2012
Programs Supporting Natural Resource Protection Activities					
Continue current wetland coordinating/evaluation program with state and water management agencies	$50,000 / Unincorporated MSTU	Lee County Dept. Of Community Development Services Division, Florida DEP, South Florida WMD	FL	Unincorporated Lee County	On-going
Structural Projects Keeping Hazard Impact from Identified Vulnerable Areas					
North Estero Drainage Project	$659,419 / Hazard Mitigation Grant Program	FEMA, Town of Fort Myers Beach	FL, TC	Fort Myers Beach	Project 95% complete
Fort Myers Beach Basin-based Drainage Improvement Projects	$350,000 / Hazard Mitigation Grant Program	FEMA, Town of Fort Myers Beach	FL, TC	Fort Myers Beach	Benefit Cost Analysis completed. Construction funding available.

Project Description	Cost/Fund Source	Participating Agency	Hazard Addressed	Beneficiary	Status
Programs Supporting Emergency Service Protection Activities					
Continue current hazard warning program	$1,043,148 / General Fund/All-Hazards MSTU	Lee County, Division of Public Safety, Division of Natural Resources Management	All Hazards	Unincorporated Lee County, all cities	On-going
Increase the number of shelter spaces to house population vulnerable to natural hazards	$2,450,000 / All-Hazards MSTU	Lee County Division of Public Safety	FL, TC, TR, FR, WF	Unincorporated Lee County, all cities	Annual work plan completed by September of each year
Open cold weather shelters when forecasted temperatures fall below 40 degrees F	Program staff time	Salvation Army, Fort Myers Refuge Center	FR	Unincorporated Lee County, all cities	On-going
Identify suitable sites for temporary housing facilities	Program staff time / General Fund	Lee County, Department of Human Services, Division of Public Safety, County Attorney's Office, Disaster Advisory Council	FL, TC, TR	Unincorporated Lee County, all cities	On-going
Enact Five hundred year critical facility elevation requirement	Program staff time / General fund	Municipal community development/attorney offices	FL, TC	Unincorporated Lee County	Enacted by County
Continue to develop health and safety emergency plans supporting county comprehensive emergency management plan	Program staff time / General Fund, Unincorporated MSTU, All-Hazards MSTU	Lee County, Division of Public Safety, affected county state and municipal agencies	All Hazards	Unincorporated Lee County, all cities	Reviewed 106 health care plans and conducted 49 site visits of health care facilities.
Recreation Gym Wind Retrofit, Bonita Springs	$1,125,000 / Hazard Mitigation Grant Program	FEMA, City of Bonita Springs Public Works	TH, TR, TC	Bonita Springs	
Public Safety Building Retrofits, Fort Myers	$285,475 / Hazard Mitigation Grant Program	FEMA, City of Fort Myers Fire and Police Departments	TH, TR, TC	Fort Myers	Completed June 2009
Gulf Coast Village Wind Retrofit, Cape Coral	$441,371 / Hazard Mitigation Grant Program	FEMA, Gulf Care, Inc.	TH, TR, TC	Cape Coral	Approved and completed in March 2007
Public Works Center Wind Retrofit, Fort Myers	$90,000 / Hazard Mitigation Grant Program	FEMA, City of Fort Myers Public Works Department	TH, TR, TC	Fort Myers	Completed June 2009
Sanibel City Hall Wind Retrofit	$105,000 / Hazard Mitigation Grant Program	FEMA, City of Sanibel	TH, TR, TC	Sanibel	Completed

Project Description	Cost/Fund Source	Participating Agency	Hazard Addressed	Beneficiary	Status
Lehigh Acres Fuel Reduction Program	$691,995 / All Hazards MSTU $350,000 / Division of Forestry	Florida Division of Forestry/Lee County	WF	Lehigh Acres in Unincorporated Lee County	Completed
Cape Coral Emergency Operations Center Expansion	$1 million / All Hazards MTSU	Cape Coral	All Hazards	Cape Coral	Complete
Actions to Address Public Information Activities					
Continue implementing Joint Public Information Strategy for All Hazards Plan	$20,000 / General Fund	Lee County Division of Public Safety, Cape Coral, Fort Myers, Bonita Springs, Fort Myers Beach, Sanibel	All Hazards	Unincorporated Lee County, all cities	On-going
Continue current map information programs	$740,202 / General Revenue, Unincorporated MSTU $233,341 / Cape Coral	Lee County Dept. Of Community Development and GIS Program Cape Coral Information Technology Services, GIS Division	FL, TC, WF, CE	All Lee County Communities Cape Coral	Significant GIS updates for public access to FIRM and hazard-related info; updates to FIRM letter format and Elevation Cert access
Annually send repetitive property loss owners information on ways to reduce flood losses	$1,000 / General Fund	Lee County, Division of Public Safety, All Cities	FL, TC	Unincorporated Lee County, all cities	Completed annually
Conduct hazard & flood awareness workshops in repetitive loss areas, and areas subject to stormwater flooding	$600 / General Fund	Lee County, Division of Public Safety	TC, TH, FL, TR	Unincorporated Lee County, all cities	Jan-Aug 2013 conducted 37 workshops reaching 2,203 residents
Improve participation rate in voluntary real estate disclosure program	Program staff time	Lee County, Division of Public Safety, real estate associations	FL	Unincorporated Lee County, Fort Myers Beach, Sanibel	Work continues
Distribute Lee County Flood Brochure to local real estate agencies	$1,000 / General revenue	Lee County, Division of Public Safety	FL	Unincorporated Lee County, Bonita Springs, Fort Myers Beach, Sanibel	Done in October 2012 and again in August 2013; initiated new e-mail distribution for routine updates through the year
Reinforce technical assistance program	$50,000 / General Fund, Unincorporated MSTU	Lee County, Dept. Of Community Development, Dept. Of Public Works, Division of Public Safety, Building & Industrial Association	FL	Unincorporated Lee County, all cities	On-going

Project Description	Cost/Fund Source	Participating Agency	Hazard Addressed	Beneficiary	Status
Programs or Projects Supporting Pre and Post Disaster Redevelopment and Mitigation Policies and Procedures					
Revise Lee County Post Disaster Ordinance to reflect lessons learned from recent disaster experience.	Program staff time / General Fund	Lee County Division of Public Safety	All Hazards	Unincorporated Lee County	Completed and adopted by the Board of County Commissioners - June 2007

(1) Includes $11,000 for annual mailing of information on flood mitigation to all properties in Cape Coral's floodplain—Cape Coral Department of Community Development, Planning & Growth Management Division
(2)From annual appropriations through the U.S. Army Corps of Engineers from Flood Control & Coastal Emergency Funds through PL 84-99 and Shore Protection Construction General

CE = Coastal Erosion
DR = Drought/Extreme Heat
FDEP = Florida Department of Environmental Protection
FEMA = Federal Emergency Management Agency
FL = Flooding
FR = Freezes/Winter Storms
MSTU = Multiple Service Taxing Unit
TC = Tropical Cyclones
TH = Thunderstorms/Lightning
TR = Tornadoes
WF = Wildfire

Appendix O
Signed Project Charters

Risk MAP Project Charter

The goal of the Risk Mapping, Assessment, and Planning (Risk MAP) program is to deliver quality data that increase public awareness and lead to actions that reduce the risk to life and property. Through Risk MAP, FEMA Region IV will work with the Town of Fort Myers Beach to provide a more accurate understanding of coastal flood risk and provide valuable tools to help implement actions to protect their citizens and property from risk.

This Project Charter represents a good-faith effort by all parties to share data, communicate findings, and plan mitigation activities to protect the Town of Fort Myers Beach from coastal flood risk. **It is not legally binding nor does it preclude the Town of Fort Myers Beach from participating in the Flood Insurance Rate Map (FIRM) appeal process.**

Mapping and Assessment

Risk Assessment, Mapping, and Planning Partners (RAMPP) and BakerAECOM, under contract with FEMA, will update the coastal flood hazard analyses for the applicable portions of your county that are impacted by coastal flooding.

Risk MAP Deliverables

Communities can use the updated data and projects to make informed hazard mitigation, land use and development, and emergency management decisions and develop related plans and strategies.

Regulatory Products

FEMA and BakerAECOM will provide the following regulatory products to support floodplain management and flood insurance ratings.

- **Flood Insurance Study (FIS) Report**: Describes the Town of Fort Myers Beach's flood history and provides technical information on the study.

- **Flood Insurance Rate Map (FIRM)**: Identifies the community's flood zones, base flood elevations, and flood hazard boundaries. This map is also used to determine where flood insurance is required.

Flood Risk Products

FEMA and RAMPP will provide the following non-regulatory products to support floodplain management.

- **Flood Risk Report:** Details the flood hazards and risk exposure within the community, coastal study area, or other geographic area. It also explains the risk assessment methodology used and results.

- **Flood Risk Map:** Depicts the county and community boundaries in relation to the highest areas of flood risk within the coastal study area emphasizing that risk reduction activities may have an impact well beyond the site.

- **Flood Risk Database:** Provides access to the data collected, created, and analyzed during the project. Flood Risk Database includes:

    - **Changes Since Last FIRM:** Identifies areas where the floodway and/or flood zone designations have changed since the previous flood study.

    - **Flood Depth and Analysis Grids:** Identifies the depth of flooding related to the Town of Fort Myers Beach's 1-percent-annual-chance (base) flood event, including the impact of waves.

- **Flood Risk Assessment:** Helps identify the economic impacts of flooding and highlights areas where risk reduction actions may produce the highest return on investment.
- **Areas of Mitigation Interest:** Identifies conditions that may contribute to the severity of the flood hazard and associated losses, so impacts can be evaluated through the Mitigation plan, which can lead to actions to reduce the risk.
- **Coastal Increased Inundation Areas:** Helps to communicate "what if" scenarios by highlighting areas that would be inundated if flood levels increased.
- **Primary Frontal Dune Erosion Areas:** Depicts areas identified during the study as likely to be affected by storm-induced erosion during the base flood event.
- **Coastal Wave Height Grid:** Depicts the exposure to the wave hazard component of coastal flooding; waves are known to be a significant cause of damage to structures in the coastal zone.

Planning

A Local Mitigation Strategy does exist for the Town of Fort Myers Beach. The plan is set to expire on June 18, 2017. The Town of Fort Myers Beach can use the Risk MAP Products to identify risks and vulnerabilities associated with floods, evaluate the areas of high mitigation value, and develop long-term strategies for protecting people and property from future flood events, as financially feasible. FEMA offers Hazard Mitigation Assistance grant programs that fund eligible mitigation planning and activities that reduce disaster losses and protect life and property from future disaster damages.

Communication and Coordination

FEMA, RAMPP, and/or BakerAECOM will coordinate with the Town of Fort Myers Beach to hold a minimum of five meetings throughout the study process, as described below.

- **Discovery Meeting:** Focuses on setting project expectations, roles and responsibilities, and validating and gathering data.
- **Storm Surge Analysis Update Meeting**: Presents the results of the preliminary still water elevations, providing the first look at changes in the coastal hazard areas.
- **Flood Risk Review Meeting:** Provides officials the opportunity to view and comment on drafts of the engineering analyses and flood risk data.
- **Resilience Meeting:** Provides officials with the Risk MAP Products and describes how to incorporate this new information into existing hazard mitigation plans.
- **Community Consultation Officer (CCO) Meeting/Open House:** Provides officials with the FIS and FIRM and information on ordinance requirements for map adoption followed by an open house where officials will present project results to local citizens and explain the impact of the results.

Roles and Responsibilities

The parties listed in the signature block below will collaborate on coastal flood hazard identification activities, risk analysis products, and will consult with each other to integrate contributions into flood hazard identification efforts.

FEMA, RAMPP, and/or BakerAECOM will provide the Town of Fort Myers Beach officials with regular project status updates, the data and products described above, and outreach guidance to increase local awareness of flood risk. These efforts will better enable the Town of Fort Myers Beach to take action to reduce risk, through the adoption of the maps, development, or enhancement of hazard mitigation plans, and increased communication with citizens to inform them about their risk, and the steps they can take to mitigate that risk.

The Town of Fort Myers Beach will provide input and updates, where available, throughout the study process to verify data and ensure that the information accurately represents the community.

FEMA Representative
Robert E. Lowe, RA Branch Chief
Mitigation Division
FEMA Region Four

RAMPP Representative

Town of Fort Myers Beach
Representative

BakerAECOM Representative

FEMA

Risk MAP Project Charter

The goal of the Risk Mapping, Assessment, and Planning (Risk MAP) program is to deliver quality data that increase public awareness and lead to actions that reduce the risk to life and property. Through Risk MAP, FEMA Region IV will work with the City of Bonita Springs to provide a more accurate understanding of coastal flood risk and provide valuable tools to help implement actions to protect their citizens and property from risk.

This Project Charter represents a good-faith effort by all parties to share data, communicate findings, and plan mitigation activities to protect the City of Bonita Springs from coastal flood risk. **It is not legally binding nor does it preclude the City of Bonita Springs from participating in the Flood Insurance Rate Map (FIRM) appeal process.**

Mapping and Assessment

Risk Assessment, Mapping, and Planning Partners (RAMPP) and BakerAECOM, under contract with FEMA, will update the coastal flood hazard analyses for the applicable portions of your county that are impacted by coastal flooding.

Risk MAP Deliverables

Communities can use the updated data and projects to make informed hazard mitigation, land use and development, and emergency management decisions and develop related plans and strategies.

Regulatory Products

FEMA and BakerAECOM will provide the following regulatory products to support floodplain management and flood insurance ratings.

- **Flood Insurance Study (FIS) Report**: Describes the City of Bonita Springs' flood history and provides technical information on the study.
- **Flood Insurance Rate Map (FIRM)**: Identifies the community's flood zones, base flood elevations, and flood hazard boundaries. This map is also used to determine where flood insurance is required.

Flood Risk Products

FEMA and RAMPP will provide the following non-regulatory products to support floodplain management.

- **Flood Risk Report:** Details the flood hazards and risk exposure within the community, coastal study area, or other geographic area. It also explains the risk assessment methodology used and results.
- **Flood Risk Map:** Depicts the county and community boundaries in relation to the highest areas of flood risk within the coastal study area emphasizing that risk reduction activities may have an impact well beyond the site.
- **Flood Risk Database:** Provides access to the data collected, created, and analyzed during the project. Flood Risk Database includes:
    - **Changes Since Last FIRM:** Identifies areas where the floodway and/or flood zone designations have changed since the previous flood study.
    - **Flood Depth and Analysis Grids:** Identifies the depth of flooding related to the City of Bonita Springs' 1-percent-annual-chance (base) flood event, including the impact of waves.

- **Flood Risk Assessment:** Helps identify the economic impacts of flooding and highlights areas where risk reduction actions may produce the highest return on investment.
- **Areas of Mitigation Interest:** Identifies conditions that may contribute to the severity of the flood hazard and associated losses, so impacts can be evaluated through the Mitigation plan, which can lead to actions to reduce the risk.
- **Coastal Increased Inundation Areas:** Helps to communicate "what if" scenarios by highlighting areas that would be inundated if flood levels increased.
- **Primary Frontal Dune Erosion Areas:** Depicts areas identified during the study as likely to be affected by storm-induced erosion during the base flood event.
- **Coastal Wave Height Grid:** Depicts the exposure to the wave hazard component of coastal flooding; waves are known to be a significant cause of damage to structures in the coastal zone.

Planning

A Local Mitigation Strategy does exist for the City of Bonita Springs. The plan is set to expire on June 18, 2017. The City of Bonita Springs can use the Risk MAP Products to identify risks and vulnerabilities associated with floods, evaluate the areas of high mitigation value, and develop long-term strategies for protecting people and property from future flood events, as financially feasible. FEMA offers Hazard Mitigation Assistance grant programs that fund eligible mitigation planning and activities that reduce disaster losses and protect life and property from future disaster damages.

Communication and Coordination

FEMA, RAMPP, and/or BakerAECOM will coordinate with the City of Bonita Springs to hold a minimum of five meetings throughout the study process, as described below.

- **Discovery Meeting:** Focuses on setting project expectations, roles and responsibilities, and validating and gathering data.
- **Storm Surge Analysis Update Meeting**: Presents the results of the preliminary still water elevations, providing the first look at changes in the coastal hazard areas.
- **Flood Risk Review Meeting:** Provides officials the opportunity to view and comment on drafts of the engineering analyses and flood risk data.
- **Resilience Meeting:** Provides officials with the Risk MAP Products and describes how to incorporate this new information into existing hazard mitigation plans.
- **Community Consultation Officer (CCO) Meeting/Open House:** Provides officials with the FIS and FIRM and information on ordinance requirements for map adoption followed by an open house where officials will present project results to local citizens and explain the impact of the results.

Roles and Responsibilities

The parties listed in the signature block below will collaborate on coastal flood hazard identification activities, risk analysis products, and will consult with each other to integrate contributions into flood hazard identification efforts.

FEMA, RAMPP, and/or BakerAECOM will provide the City of Bonita Springs officials with regular project status updates, the data and products described above, and outreach guidance to increase local awareness of flood risk. These efforts will better enable the City of Bonita Springs to take action to reduce risk, through the adoption of the maps, development, or enhancement of hazard mitigation plans, and increased communication with citizens to inform them about their risk, and the steps they can take to mitigate that risk.

The City of Bonita Springs will provide input and updates, where available, throughout the study process to verify data and ensure that the information accurately represents the community.

FEMA Representative
Robert E. Lowe, RA Branch Chief
Mitigation Division
FEMA Region Four

RAMPP Representative

Asst City Manager
City of Bonita Springs Representative

BakerAECOM Representative

Appendix P
Mapping Information Platform Baseline Form

OBLIGATE FUNDS County 2
add rows as needed

Lee County	Planned Task?	Organization Name (Note 1)	Baseline Start Date	Baseline End Date	Negotiated Cost ($) (Note 2)	Funding Fiscal Year (Note 1)	Cost Type (Note 1)	Contract/ Agreement Number (Note 1)	Task Order/MAS Number (Note 1)
Traditional NFIP Products/Workflow									
Discovery/Scoping	No	RAMPP	9/13/2013	9/15/2013	$ -	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Acquire Base Map									
Develop Topographic Data									
Independent QA - Develop Topographic Data									
Perform Field Survey	No	RAMPP	12/26/2013	6/2/2014	$ 142,054	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA - Perform Field Survey									
Develop Hydrologic Data									
Independent QA - Develop Hydrologic Data									
Develop Hydraulic Data									
Independent QA - Develop Hydraulic Data									
Pre-Surge Coastal Analysis Setup - Pre-WHAFIS	No	RAMPP	6/3/2014	12/3/2014	$ 313,963	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independed QA - WHAFIS									
Perform Coastal Analysis - WHAFIS and Workmap	No	RAMPP	1/14/2016	5/4/2016	$ 593,564	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA - WHAFIS									
Perform Floodplain Mapping (Note 3) Coastal Floodplains	No	RAMPP	5/5/2016	9/11/2016	$ 179,979	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA - Perform Flood Plain Mapping									
Develop DFIRM Database									
Independent QA - Develop DFIRM Database									
Produce and Distribute Preliminary Map Products									
Post-Preliminary Processing (Dependent on Prelims)	No	RAMPP	6/6/2016	9/11/2016	$ 28,832	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
RMP (Associated Risk MAP Products in Separate Project with This Project Name)									
Risk MAP Products/Services (Note 4)									
Develop Flood Risk Data (Perform Hydrologic DD)	No	RAMPP	7/8/2016	9/11/2016	$ 325,188	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA									
Develop Flood Risk Database (Perform Hydraulic DD)	No	RAMPP	7/8/2016	9/11/2016	$ 12,119	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA									
Develop Flood Risk Map (Preform Floodplain Mapping)	No	RAMPP	7/8/2016	9/11/2016	$ 15,098	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA									
Develop Flood Risk Report (Perform Field Survey)	No	RAMPP	7/8/2016	9/11/2016	$ 44,892	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA									
Risk Communication & Outreach (Preform Alluvial Fan Analyses)	No	RAMPP	1/14/2016	9/11/2016	$ 12,375	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Discovery	No	RAMPP	11/1/2013	9/2/2014	$ 74,248	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097

Sum Funding to be obligated into MIP **$ 1,742,313**

DD = Data Development
MAS = Multiple Award Schedule
NFIP = National Flood Insurance Program
QA = Quality Assurance
RAMPP = Risk Assessment, Mapping, and Planning Partners
WHAFIS = Wave Height Analysis for Flood Insurance Studies

You only need to enter values in green cells	Data

(Note 1) = Values automatically populated from Sheet A - Change value if need to report task correctly.
(Note 2) = PTS providers should exclude Award Fee from this amount
(Note 3) = "PERFORM FLOODPLAIN MAPPING" should be used for all redelineation tasks
(Note 4) = Risk MAP products and services will be added to the MIP per the table below, in a tandem MIP project

OBLIGATE FUNDS County 2 add rows as needed	You only need to enter values in green cells (but can change other cells if needed)								
Hendry County	**Planned Task?**	**Organization Name (Note 1)**	**Baseline Start Date**	**Baseline End Date**	**Negotiated Cost ($) (Note 2)**	**Funding Fiscal Year (Note 1)**	**Cost Type (Note 1)**	**Contract/ Agreement Number (Note 1)**	**Task Order/MAS Number (Note 1)**
Traditional NFIP Products/Workflow									
Discovery/Scoping	No	RAMPP	9/13/2013	9/15/2013	$ -	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Acquire Base Map									
Develop Topographic Data									
Independent QA - Develop Topographic Data									
Perform Field Survey									
Independent QA - Perform Field Survey									
Develop Hydrologic Data									
Independent QA - Develop Hydrologic Data									
Develop Hydraulic Data									
Independent QA - Develop Hydraulic Data									
Pre-Surge Coastal Analysis Setup - WHAFIS									
Independent QA - WHAFIS									
Perform Coastal Analysis - Workmap and FIS	No	RAMPP	5/27/2016	9/11/2016	$ 1,852	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA - WHAFIS									
Perform Floodplain Mapping (Note 3) Coastal Floodplains	No	RAMPP	5/5/2016	9/11/2016	$ 2,560	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
Independent QA - Perform Flood Plain Mapping									
Develop DFIRM Database									
Independent QA - Develop DFIRM Database									
Produce and Distribute Preliminary Map Products									
Post-Preliminary Processing									
RMP (Associated Risk MAP Products in Separate Project with This Project Name)									
Risk MAP Products/Services (Note 4)									
Develop Flood Risk Data (Perform Hydrologic DD)									
Independent QA									
Develop Flood Risk Database (Perform Hydraulic DD)									
Independent QA									
Develop Flood Risk Map (Preform Floodplain Mapping)									
Independent QA									
Develop Flood Risk Report (Perform Field Survey)									
Independent QA									
Risk Communication & Outreach (Preform Alluvial Fan Analyses)									
Discovery	No	RAMPP	11/1/2013	9/2/2014	$ 23,973	2013	Cooperative Agreement	HSFEHQ-09-D-0369	HSFE04-13-J-0097
				Sum Funding to be obligated into MIP	**$ 28,385**				

DD = Data Development
MAS = Multiple Award Schedule
NFIP = National Flood Insurance Program
QA = Quality Assurance
RAMPP = Risk Assessment, Mapping, and Planning Partners
WHAFIS = Wave Height Analysis for Flood Insurance Studies

You only need to enter values in green cells	Data

(Note 1) = Values automatically populated from Sheet A - Change value if need to report task correctly.
(Note 2) = PTS providers should exclude Award Fee from this amount
(Note 3) = "PERFORM FLOODPLAIN MAPPING" should be used for all redelineation tasks
(Note 4) = Risk MAP products and services will be added to the MIP per the table below, in a tandem MIP project