



Lee County Emergency Operations Center

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Flooding from T.S. Fay **INCIDENT ACTION PLAN #13 - Approved**

For Operational Date(s):	September 4 – September 5, 2008
For Operational Period:	Sept 4 @ 2000 hrs through Sept 5 @ 2000 hrs
Date Prepared:	September 4, 2008
Time Prepared:	1700
Prepared By:	Gerald Campbell

ATTACHMENTS

- Attachment 1 – Planning Assumptions
- Attachment 2 – Shelter Status Summary
- Attachment 3 – Staffing Roster
- Attachment 4 – Conference Call / Meeting Schedule
- Attachment 5 – USGS Imperial River Discharge
- Attachment 6 – Re-Entry Procedures



Flooding due to Tropical Storm Fay
IAP # 13 - **Approved**

INCIDENT BRIEFING	INCIDENT NAME Flooding - TS Fay	DATE PREPARED: September 4, 2008	TIME PREPARED: 1700
SECTION COMPLETING REPORT: Planning Section		OPERATIONAL PERIOD: Sept 4 @ 2000 hrs through Sept 5 @ 2000 hrs	

SAFETY MESSAGE

Use care during re-entry operations. Electrical circuits may have been damaged by standing water and could create dangerous conditions if/when re-energized.

Avoid contact with flood water. Consider it contaminated with raw sewage and hazardous chemicals.

WEATHER FORECAST

Tonight: Partly cloudy, with a low around 73. North northeast wind between 3 and 9 mph.

Friday: Mostly sunny, with a high near 90. Northwest wind between 5 and 14 mph, with gusts as high as 20 mph.

General: Mainly dry conditions are expected Friday and Saturday. Moisture should slowly return next week. Typical scattered afternoon thunderstorms are expected Monday through Wednesday, with the primary hazard being deadly cloud to ground lightning.

SUMMARY OF CURRENT SITUATION, OPERATIONS AND DIRECTIVES

1. EOC Activation Level 2 (Partial Activation) Operational hours are 0800 hrs – 1730 hrs with additional staff on call.
2. Lee County remains under State of Local Emergency (second extension September 2, 2008).
3. Mandatory Evacuation for Manna Christian and Saldivar Mobile Home Parks remains in effect.
4. Shelter Status – Estero Community Center remains open. Population stable last night at 588.
5. Curfews – None.
6. Lee County Government – Normal operation.
7. Lee County Schools – Normal operation. Modified school bus routes to service shelter.
8. Re-entry policy for the impacted areas is complete (See Attachment 6).
9. Municipality Status Reports – N/A
10. Geographic Division Report – N/A

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11. Infrastructure Report

- Roads and Bridges – N/A
- Hospitals and Critical Medical Facilities – N/A
- Utilities
 - Electrical Inspection Results
 - Saldivar Park – Power distribution system is OK and can be re-energized when the water recedes.
 - Manna Christian – Main distribution system is OK. However, each unit must be secured and inspected prior to being re-energized.

12. Human Services

- Shelter Information/Issues: See Attachment 2
- Volunteer Agency Activities
 - Red Cross has established a “fixed aid station” at the Home Depot (11941 Bonita Beach Road) providing food and other services.
- State/Federal – Federal Disaster Declaration (FEMA-3288-EM)
- PA and IA Assistance
 - Disaster Recovery Center to be located at Bonita Springs Recreation Center (26740 Pine Avenue, Bonita Springs, FL 34135). Inspection was completed Thursday. Opening details to be provided later.
 - Emergency Protective Measures (Category B) are included in the original declaration. Additional Public Assistance is unlikely due to lack of damage.
 - Individual Assistance was approved on September 2, 2008. (FEMA - 1785)
- Short / Long Term Housing – Long Term Recovery Committee activated to develop housing plans. Regular conference calls are being conducted.

PROBLEMS ENCOUNTERED OR POTENTIAL OBSTACLES

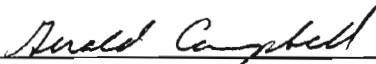
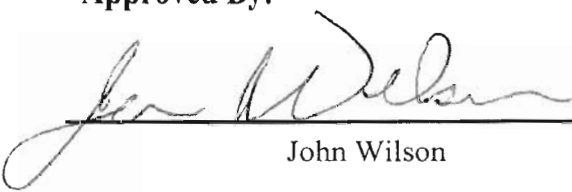
1. Lee County is in the 5-Day forecast error cone for Hurricane Ike. Initial protective actions may be required by Monday (9/8/08).
2. While drying conditions have improved, water capacity throughout the county remains filled.
3. Long Term Housing concerns include, but are not limited to, issues of affordability, availability of transportation to jobs, school attendance and residency status.

ASSISTANCE REQUIRED OR REQUESTED

1. No unmet needs at this time.

INCIDENT OBJECTIVES

Objective	Responsible	To Be Completed
1. Track cost data and maintain records of all expenditures.	ALL	Ongoing
2. Support Long Term Recovery Committee to establish Individual Assistance services including the Disaster Recovery Center as needed.	ALL	As Needed
3. Determine EOC Staffing needs and schedule.	Command	Ongoing
4. Monitor fatigue level and adjust schedules accordingly to allow safe response to potential future storm impacts.	Command EM Mgmt	Ongoing
5. Provide Board of County Commissioners situation update on Response Recovery activities for TS Fay.	Command	9/9/08
6. Determine the need to continue the laundry service at the Estero Community Center Shelter and make appropriate financial plans as appropriate.	Command Logistics	9/5/08
7. Identify continuing shelter support needs.	Operations	Ongoing
8. Evaluate and correct health issues at the Estero Community Center.	Operations DOH	Ongoing
9. Identify and Secure a Disaster Recovery Center location.	Long Term Recovery	Complete Drop from IAP 14
10. Provide law enforcement / security for Disaster Recovery Center.	Operations	9/5/08

<p>Prepared By:</p> <div style="text-align: center;">  _____ Gerald Campbell Planning Section Chief </div>	<p>Approved By:</p> <div style="text-align: center;">  _____ John Wilson Incident Commander </div>
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Attachment 1

PLANNING ASSUMPTIONS

1. Tropical Storm Hanna is no longer a threat to Lee County.
2. Hurricane Ike is a dangerous storm and requires careful monitoring by EOC staff. Lee County is in the 5-day forecast cone.
3. May need to consider EOC staffing for this weekend.
4. EM/EOC Staff fatigue is becoming an issue.
5. Tropical Storm Josephine requires monitoring by EOC staff. No action is required during this operational period.
6. While drying conditions have improved, there is little excess capacity for additional rain.
7. Mandatory evacuations will remain in place but will not be expanded in this operational period.
8. The Imperial River is receding. EOC estimates that it must fall below 12.0 feet before significant drying can begin. This should occur this operational period.
9. Estero Community Center Shelter population has peaked and may be starting to decrease. Confirmation by Red Cross is required to verify.
10. The shelter will remain open at least one week longer. Shelter challenges will increase in number and severity in direct proportion to the amount of time people stay there.
11. Estero Community Center Shelter demobilization is dependant on status of flooding and/or the ability of the Long Term Recovery Committee to provide affordable housing for those who are unable to return.
12. Long term housing solutions are the responsibility of the Long Term Recovery Committee and will require support from the Emergency Operations Center.
13. Long Term housing solutions are complicated by significant socioeconomic issues of the most impacted populations.
14. Water being released from Lake Okeechobee could restrict flow from small streams flowing into the Caloosahatchee River due to increase hydraulic head pressure.

Attachment 2

SHELTER STATUS SUMMARY

Are any shelters open in Lee County? YES NO
Are any **Special Needs Shelters** open in Lee County? YES NO
Has Lee County been designated as a HOST County? YES NO

(Double click on a box to check.)

Shelter Name	Current Population	% Capacity	Operated By	Date Open	Date Closed
Estero Community Center	579	47 %	ARC	08/24/08	Open

Shelter Issues:

- Shelter population stabilized for this period.
- Shelter staffing is stable with adequate coverage for the operational period.
- Sanitation and health issues are expected to remain acceptable for the operational period.
- One (1) truckload of bottled water requested through EM Constellation, Mission #1000 for delivery on Friday. Request complete – delivered to ARC staging area.

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Attachment 3

EOC STAFFING SCHEDULE

Agency/Position	Day Shift (0900-1900)
Area Commander	John Wilson
Public Information Officer	On Call
Operations Chief	J Stakenburg
Operations Deputy	
EOC Operations	
Fire Operations	
EMS	
Law Enforcement	
Health Department	
Facilities	
Department of Transportation	
Logistics Chief	OPEN
Log. Deputy	
EM Constellation	
Equipment Specialist	
Shelters	Josh Roberts
Flooding Issues	
Planning Chief	Gerald Campbell
Planning Deputy	Celeste Fournier
Situation Unit	
Message Center	
Storm Information Hotline	
G.I.S.	
Special Needs	
DEP	

Shift – 0800 to 1700

Staff on call

Attachment 4

CONFERENCE CALL and MEETING SCHEDULE

Friday September 5, 2008

Conference Call Schedule		
National Weather Service	N/A	N/A
DEM / NHC	11:15	17:15
Meeting Schedule		
Long Term Recovery Committee	14:00	N/A

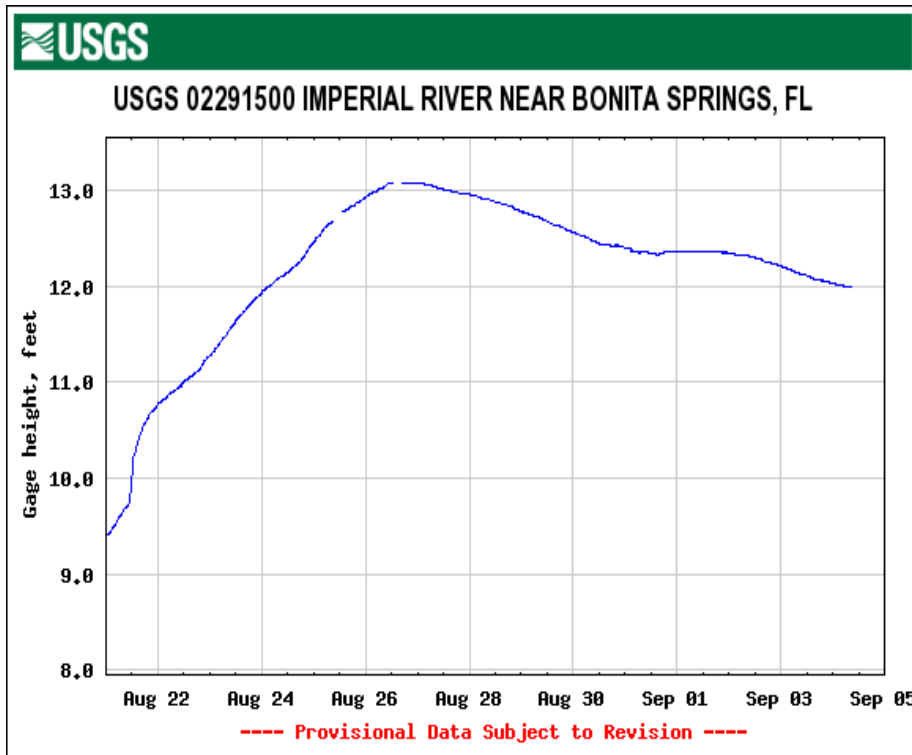
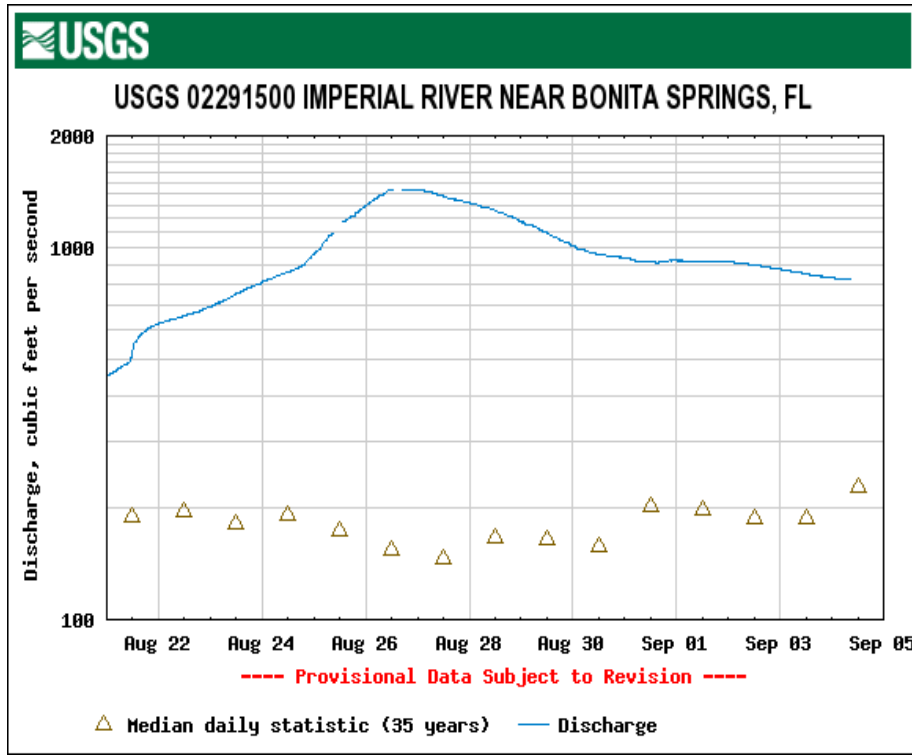
Saturday September 6, 2008

Conference Call Schedule		
National Weather Service	To Be Determined	N/A
DEM / NHC	11:15	17:15
Meeting Schedule		

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ATTACHMENT 5

USGS Imperial River Discharge



ATTACHMENT 6

Re-entry into Flooded Areas (TS Fay)

Re-entry will be coordinated using a Unified Command concept with the following agencies:

- Emergency Management
- Bonita Fire
- City of Bonita Springs
- Lee County Sheriff
- Lee County Health Department
- FPL and BSU to be included for technical expertise as needed

The following general Re-entry Protocol is followed:

- Search and Rescue is not a major concern in this event
- Initial impact assessment is required. Primary concerns include:
 - Acceptable level of standing water. These levels should not exceed six-inches.
 - Basic electrical inspections must be completed to ensure energized electrical circuits do not pose an undue safety risk.
 - Basic habitability of structures must be assessed.
- Entry will be restricted to those living or working in damaged areas. Appropriate identification is required (drivers license, tax bill or rent receipts, business or occupational license may be required). Due to the nature of this population the property owner submit a list of residents for rental property.
- Unrestricted entry is not authorized at this time and will be evaluated as appropriate.

The following general criteria are used to determining whether an area is safe:

- Adequate ingress and egress to individual addresses is required. This may be by foot or by vehicle for residents. Adequate access for emergency services must be maintained.
- Life threatening situations must be identified and isolated or mitigated (i.e., unsafe buildings, downed power lines, areas exposed to extremely hazardous substances, etc.) Areas should be inspected by qualified persons before general restoration of electrical power in those areas where power was off. Coordination with proper utilizes is important.
- Sewer systems must work properly or emergency system provided. Due to the prevalence of septic tanks, portable toilets will be required.
- Water systems must be adequate and safe.
 - Due to the prevalence of individual drinking water wells, systems must be established to provide bottled drinking water.
 - “No Drinking Water” or “Boil Water” orders issued where water system has coliform, fecal coliform and E. Coli bacteria above safe conditions. Communication must be provided in Spanish and English.
- Mosquito issues from residual standing water should be monitored.