

HURREX 2010 EXERCISE HANDBOOK



GEORGIA EMERGENCY
MANAGEMENT AGENCY

Hurricane Response Exercise

June 18-30, 2010

Any and all information contained within the HURREX 2010 Exercise Handbook is provided solely for use by HURREX 2010 participants and is intended only to deliver basic exercise participant information.

All information and situations described in this document are fictitious and have been created exclusively for the facilitation and execution of the HURREX 2010 exercise.

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HURREX 2010

June 18, 2010

State of Georgia
Hurricane Season 2010
Senior Leadership Seminar

Georgia Tech Research Institute Auditorium
250 14th Street, Atlanta, GA 30318

8:00 – 8:30	Registration	
8:30 – 8:35	Welcome Call to Order	Charley English Director – GEMA
8:35 – 8:45	Exercise Housekeeping	Jeff Morrison Chief Exercise Controller
8:45 – 9:30	Overview State Agency Expectations	Charley English Director – GEMA
9:30 – 9:40	Hurricane Soffie	Chris Walsh Hurricane Planner – GEMA
9:40 – 10:00	GEMA / SOC Roles & Responsibilities	Clint Perkins Section Director Operations – Communications
10:00 – 10:15	Break	
10:15 – 11:00	Pre-landfall activities	State Agency Emergency Support Functions
11:00 – 11:45	Short Term Impacts	State Agency Emergency Support Functions
11:45	Closing Remarks	Charley English Director – GEMA

HURREX 2010
Monday, June 28, 2010
State Operations Center
Operational Period 1

0730 – 0800	Registration	Exercise Controllers
0800 – 0820	Call to Order Exercise Housekeeping	Jeff Morrison Chief Exercise Controller
0820 – 0830	Opening Remarks	Charley English Director – GEMA
0830 – 0845	ESF Roll Call	SOC Chief
0845 – 0900	Weather Conditions Update	Chris Walsh Hurricane Planner – GEMA
0900	Exercise Activity	All
0900 – 1000	ESF 7 / LSA / Counties Commodity Briefing	Richard Stokes Logistics Program Coordinator GEMA
1100 – 1115	Weather Conference Call	National Weather Service GEMA Hurricane Planner
1130 – 1200	GEMA Conference Call	GEMA Planning Section Local EMA Directors SOC / ESF leadership Participating agencies
1715	ESF Brief	All
1800	End of Operational Period 1	

HURREX 2010
Tuesday, June 29, 2010
State Operations Center
Operational Period 2

0730 – 0800	Registration	Exercise Controllers
0800 – 0820	Call to Order Exercise Housekeeping	Jeff Morrison Chief Exercise Controller
0820 – 0835	ESF Roll Call	SOC Chief
0835 – 0850	Weather Conditions Update	Chris Walsh Hurricane Planner – GEMA
0850	Exercise Activity	All
0900 – 1000	ESF 7 / LSA / Counties Commodity Briefing	Richard Stokes Logistics Program Coordinator GEMA
1100 – 1115	Weather Conference Call	National Weather Service GEMA Hurricane Planner
1130 – 1200	GEMA Conference Call	GEMA Planning Section Local EMA Directors SOC / ESF leadership Participating agencies
1715	ESF Brief	All
1800	End of Operational Period 2	

HURREX 2010
Wednesday, June 30, 2010
State Operations Center
Operational Period 3

* **NOTE:** Only those Emergency Support Functions participating in De-Mobilization activities are required to participate in the Wednesday morning SOC operational period.

However, representatives from all SOC ESFs and participating agencies are requested to participate in the Exercise De-Brief to be conducted at 1:00 pm in the SOC.

0700 – 0800	Registration	Exercise Controller
0800 – 0820	Call to order Exercise housekeeping	Jeff Morrison Chief Exercise Controller
0820 – 0830	ESF Roll Call	SOC Chief
0830 – 1130	De-Mobilization Exercise Activity	Identified ESFs
1130 – 1300	Lunch – On Your Own	
1300-1500	Exercise De-Brief	All

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EXERCISE

HURREX 2010

Exercise Handbook

Purpose:

HURREX 2010 has been developed by the Georgia Emergency Management Agency to assist in evaluating the ability of State, local, and private sector agencies and organizations to effectively respond to the needs of those individuals and jurisdictions negatively impacted by a major hurricane landfall on the Georgia coast. These impacts, which will be simulated in this exercise, will include those which would be felt both prior to, and following a major hurricane landfall.

In adherence to exercise guidelines contained within the Homeland Security Exercise and Evaluation Program, HURREX 2010 will include a variety of discussion and operational based exercise formats. Based upon current response capabilities of various response partners, the use of multiple exercise formats will assist in providing the greatest opportunity to further enhance response effectiveness, as well as allowing for an objective evaluation of current response competencies. It is the identification of specific areas for improvement which will serve to identify future training and response enhancement activities.

HURREX 2010 activities will be conducted over a multi-day period between June 18 and June 30, 2010.

HURREX 2010 will kick-off on June 18, 2010 with the facilitation of the State of Georgia, Hurricane Season 2010, Senior Leadership Seminar. Additional information concerning the Senior Leadership Seminar is provided later in this handbook.

HURREX 2010 operational activities will continue on Monday, June 28, 2010 and conclude on Wednesday, June 30, 2010. Additional information concerning HURREX 2010 operational activities is provided later in this handbook.

Introduction:

The GEMA HURREX 2010 Exercise Handbook provides instructions and guidance for State Operations Center (SOC) exercise participants to prepare for, participate in, and effectively evaluate response organization plans, policies and procedures. Exercise participants should become familiar with the information provided in this handbook to be better prepared to actively participate in this exercise.

Additional information will be provided to those exercise participants who will be participating in exercise activities at locations other than the SOC.

Exercise Characteristics:

The use of multiple exercise formats to be utilized in HURREX 2010 is consistent with the “Building Block Approach” to exercise design and development as identified in the Homeland Security Exercise and Evaluation Program (HSEEP). Both discussion and operational based exercise formats will be utilized in the execution of HURREX 2010.

The exercise format to be used at a specific location is determined by the exercise objectives developed for that response function based upon the level of familiarity with existing plans, policies, and procedures. The use of any one exercise format over another is not representative of the importance of the exercise activity involved.

A functional exercise simulates the response to an emergency situation in the most realistic manner, short of moving personnel and resources to an actual response site. The functional exercise format provides an effective platform for the evaluation of response activities, and the critical decision making processes within a command and control environment.

A full scale exercise is the most complex type of exercise. Full scale exercises are multi-agency, multi-jurisdictional, multi-organizational exercises that validate many facets of preparedness. They focus on implementing and analyzing the plans, policies, procedures, and cooperative agreements developed in discussion based exercises and honed in previous, smaller, operations based exercises.

As an example, exercise activities to be conducted in the State Operations Center (SOC) and Logistics Staging Area (LSA) are consistent with exercise activities

within a Functional Exercise format. However, the exercise activities to be conducted at the State Staging Area / Base Camp Operation (BoO) and Aviation Support Operations Center (ASOC) are more full scale oriented.

Target Capabilities:

Target capabilities are a list of capabilities, as identified by the Department of Homeland Security, needed collectively by the nation to prevent, protect against, respond to, and recover from incidents of national significance, including terrorism or natural disasters. For more info: please reference the Homeland Security Exercise and Evaluation Program at <http://www.hseep.dhs.gov>

The Target Capabilities identified for HURREX 2010 include, but are not limited to the following:

- Emergency Operations Center Management
- Onsite Incident Management
- Critical Resource Logistics and Distribution
- Public Safety and Security Response
- Search and Rescue Operations (Air / Land-Based)

Exercise Objectives:

Based upon the target capabilities listed above, the objectives identified for HURREX 2008 include, but are not limited to the following:

- Demonstrate State Operation Center (SOC) activation and operational capability.
- Demonstrate Logistics Staging Area (LSA) activation and operational capability.
- Demonstrate State Staging Area / Base of Operation (BoO) activation and operational capability
- Demonstrate Aviation Support Operations Center (ASOC) activation and operational capability
- Demonstrate and evaluate the ability to develop and support a Common Operational Picture within the SOC.
- Fully staff SOC Emergency Support Functions and identify the level of response capability, to include interaction with state agencies and affected jurisdictions across the State.

Exercise Assumptions:

All participating State agencies, departments and organizations have established emergency management plans, annexes and procedures. These plans, annexes and procedures contain mitigation, response and recovery elements.

All exercise players are expected to respond in accordance to their existing organizational plans, policies and procedures. In the absence of applicable plans, players will apply individual and/or team initiatives to satisfy response requirements.

It is understood that although the events and activities described in HURREX 2010 would be regional in scope, the focus of this exercise activity will be contained within the State of Georgia.

Exercise Artificialities:

As in all exercises, certain artificialities and constraints detract from the realism of the event. However, exercise participants are to accept the following artificialities as a means of facilitating the accomplishment of the exercise objectives and performance criteria.

- A. The scenario and events created for this exercise are not played in real time.
- B. Events occur as they are presented.
- C. Required information may not always be readily available. If this occurs please contact an exercise controller for more information.
- D. All players may receive available information at the same time.
- E. Communication between groups is unrestricted.

Scenario Narrative:

HURREX 2010 simulates the development and progression of Hurricane Soffie from development in the Atlantic basin, landfall on the Georgia coast, and its continued track through the State of Georgia.

Hurricane Soffie will be expected to make landfall somewhere along the Georgia coast with sustained winds of approximately 130 mph causing widespread damage, loss of power and communications. Hurricane storm force winds and storm surge along the coast of Georgia will result in catastrophic damage to the regional infrastructure.

As the storm continues inland, it is expected that gale and tropical storm force winds will result in significant damage to the interior portions of the State of

Georgia. It is expected that gale storm force winds will extend west to Newton and Butts Counties with tropical storm force winds extending as far west as Upson and Pike Counties. Significant flooding, due to heavy rains throughout the region is expected.

Thousands of individuals are likely to become homeless and in need of food, shelter, and care. The number of fatalities, injuries, and persons missing are expected to be high. Catastrophic damage and flooding will hamper initial response operations which will begin upon winds subsiding to below tropical storm force strength, 40 mph.

References:

1. National Response Framework (NRF)
<http://www.fema.gov/emergency/nrf/>
2. National Incident Management System (NIMS)
<http://www.fema.gov/emergency/nims/>
3. Georgia Emergency Operations Plan (GEOP)
<http://www.gema.ga.gov>
4. Georgia Hurricane Plan (GHP)

Exercise Locations:

The State Operations Center (SOC) is located at GEMA Headquarters, 935 East Confederate Avenue, Atlanta, GA, 30316. A map and driving directions to the SOC is provided in Appendix C of this handbook.

The Logistics Staging Area (LSA) will be located at the Georgia Public Safety Training Center at 1000 Indian Springs Drive in Forsyth, GA.

The Dublin Staging Area will be located at the Heart of Georgia Technical College at 560 Pinehill Road, Dublin, GA 31021.

The State Staging Area / Base of Operations will be located adjacent to the Savannah / Hilton Head International Airport Fire Department in Savannah, GA. This facility is located at 11 McKenna Drive, Savannah, GA.

The Aviation Support Operations Center (ASOC) will be located at the Chatham County Mosquito Control Headquarters Building on the Savannah / Hilton Head

International Airport in Savannah, GA. This facility is located at 65 Billy B. Hair Drive, Savannah, GA

Registration:

A registration table will be set up in the rear of the SOC at 0730 each morning. This registration table is for exercise logistical purposes only. An SOC activation sign in roster will also be located on the left corner of the Command Staff Desk in the front of the SOC. It is the responsibility of each individual to sign the SOC activation roster at the beginning and end of their designated shift period.

Pre-registration will not be required. However, the number of individuals allowed into the SOC, and ESF facilities, will be limited to ensure adequate space for exercise operations. It is the responsibility of each SOC / ESF coordinator to monitor the staffing within their respective groups. The multi-day exercise will provide ample opportunity to rotate individuals through their assigned SOC/ESF positions.

Participant registration at locations other than the SOC will be administered by Incident Management Teams assigned to each area.

Participants:

HURREX 2010 SOC participants will include those individuals with responsibilities within the SOC and ESFs, State and federal agencies, county emergency managers, and those local groups and organizations choosing to participate.

Each response organization within the SOC is expected to be operationally staffed each day from the beginning of exercise play until exercise activities are terminated for the day. Lunch will be provided for the convenience of all exercise personnel.

The level of exercise participation by groups outside of the SOC is totally dependent upon their desired goals and objectives. HURREX 2010 is designed to support outside activities but will not dictate their objectives or activities.

Controllers and Evaluators:

Individuals assigned as exercise controllers and evaluators will be located at each exercise venue and throughout the SOC. These individuals will be wearing vests with large letters on the back indicating their specific function.

Controllers have the responsibility of assisting in the execution of the exercise. If you have specific questions concerning the conduct of the exercise, please ask a controller for assistance. However, controllers will not be available to answer questions about specific job duties, decision making, or specific performance objectives.

Evaluators will be located at each exercise venue and throughout the SOC. Each of these individuals will be evaluating specific performance areas. Evaluators are not to get in the way or detract from the exercise. If an action within your specific area is to be simulated, please notify the evaluator that you would have performed that function so it may be documented accordingly.

Real World Emergencies:

Should an illness or emergency situation arise during the exercise, please contact an exercise controller in your area. Exercise controllers can be identified by vests with the word “Controller” written on the back of the vest in large letters. The words “REAL EMERGENCY” should be used to identify any emergency which has occurred but is not part of exercise play.

If an actual emergency occurs during the exercise, controllers will immediately suspend exercise play and evaluate the situation. The Chief Exercise Controller will then decide if the exercise can be safely resumed.

Exercise Initiation and Termination:

Each morning the Chief Exercise Controller at each exercise venue will announce the beginning of the exercise. The exercise will continue until the Chief Exercise Controller announces that the exercise is terminated for the day. Exercise participants are expected to continue participation in the exercise until the termination announcement is made.

In the event it becomes necessary to suspend play, or terminate the exercise prior to the scheduled time, that decision will be announced by the Chief Exercise Controller.

Player Guidelines:

Exercise players should be familiar with the requirements of the National Incident Management System (NIMS), the Incident Command System (ICS), the Unified Command Structure, the Georgia Emergency Operations Plan (GEOP), the Georgia Hurricane Plan, and their own organizations policies, plans and

standard operating procedures (SOP's). In addition, State organizations designated as lead or supporting agencies for an Emergency Support Function should understand and have a working knowledge of operational and resource requirements associated with the ESF for which they lead or support.

A brief summary of all ESFs can be in Appendix A of this handbook.

Players should:

- A. Consider bringing a copy of the Georgia Emergency Operations Plan, Georgia Hurricane Plan, and specific agency / organization plans to the exercise.
- B. Use only the exercise information provided for decision making and determining necessary response actions.
- C. Ensure that all written communications are identified as "For Exercise Purposes Only".
- D. Ensure that all voice communications begin and end with the phrase, "This Is An Exercise".
- F. Be cooperative and supportive of all exercises participants both within and outside of their specific exercise venue.

Exercise Scope:

Scope:

HURREX 2010 activity will begin with the facilitation of the State of Georgia, Hurricane Season 2010, Senior Leadership Seminar on June 18, 2010. The remainder of exercise activities will take place on June 28-30, 2010

State of Georgia, Hurricane Season 2010, Senior Leadership Seminar

The State of Georgia, 2010 Hurricane Season, Senior Leadership Seminar is designed to provide a high level overview of a comprehensive statewide response to a catastrophic hurricane impact upon the coast of Georgia.

The seminar will be held on Friday June 18, 2010, at the Georgia Tech Research Institute (GTRI) Conference Center auditorium, located at 250 14th Street NW, Atlanta, GA 30318-9108. The seminar is scheduled to begin at 08:30 am and will be completed by no later than 12:00 pm.

Invitees to the seminar will include high level representatives from federal, state, and local agencies, in addition to representation from the private business sector.

Operational Activities

HURREX 2010 operational activities will be conducted on June 28-30, 2010. These activities will include those actions which would be expected during each of three (3) distinct phases in the life of a response to a major hurricane impact along the Georgia coast, pre-landfall, post landfall, and de-mobilization.

Each of these distinct phases will be provided a dedicated single day to develop and respond to those issues which would be expected during that specific phase.

Pre-Landfall	Monday, June 28, 2010
Post-Landfall	Tuesday, June 29, 2010
De-Mobilization	Wednesday, June 30, 2010

The scenario information provided in each phase of this exercise has been developed solely for use by exercise participants and should not be disseminated outside of the exercise. Liberties have been taken with the time line of the tropical storm to meet exercise requirements, however, the storm data, including forecast track and intensity are realistic.

Storm Inception and Development

Beginning on Friday, June 25th, an Awareness Statement will be distributed by the Georgia emergency Management Agency (GEMA). The Awareness Statement will be distributed using standard GEMA information distribution protocols.

Awareness Statements will not be provided on Saturday, June 26, 2010 or Sunday, June 27, 2010.

Phase 1: Pre-landfall activity State Operations Center Monday, June 28, 2010

HURREX 2010 activities will begin at 0800 with an activation of the SOC. The GEMA Planning Section will be responsible for the development and distribution of Situation Reports throughout the exercise which will provide updated information on the tropical storm system.

Beginning on Monday, June 28th, several conference calls will be initiated in the SOC to gather and disseminate important exercise scenario and response information.

1. ESF #7 Logistics Management and Resource Support will facilitate a conference call at 0900 to discuss the anticipated resource needs of those jurisdictions within the impacted area. This conference call will be used to identify the amount of resources to be acquired, disseminated, and also assist in the development of a commodity burn rate for those jurisdictions within the impacted area.
2. A weather briefing conference call will be conducted at 1100EDT. Facilitating the call will be the National Weather Service office in Jacksonville Florida along with the GEMA Hurricane Planner located in the SOC. The intent of this conference call is to provide updated storm information and provide organizations and agencies the opportunity to participate in this information dissemination process.
3. The GEMA Planning Section will facilitate a conference call at 1130 to discuss the coordination of statewide exercise response activities. Participants welcomed to participate on the conference call include, SOC / ESF coordinators, local EMA Directors, ERB coordinators, ASOC coordinators, and other agencies and organizations participating in the exercise.

Logistics Staging Area (LSA)

Beginning on Monday, June 28, 2010, a Georgia Forestry Type II Incident Management Team will begin activating the LSA at the Georgia Public Safety Training Center. Pre-landfall activities will include the establishment of the Incident Command System which will be used to manage LSA activities in a functional exercise environment.

Dublin Staging Area

The Dublin Staging Area, located at the Heart of Georgia Technical College in Dublin, GA, will be activated to process-in response resources, to include all personnel and equipment, prior to their movement to a forward Base of Operations (BoO) in Savannah, GA.

State Staging Area / Base of Operations (BoO)

The State Staging Area / Base Camp Operation, located adjacent to the Savannah / Hilton Head International Airport Fire Department in Savannah, GA., will be established and activated to support the logistical and incident management needs of multiple response organizations. The operation of the BoO will be managed by a State of Georgia Type III Incident Management Team.

Aviation Support Operations Center

The Aviation Support Operations Center, located at the Chatham County Mosquito Control Headquarters Building on the Savannah / Hilton Head International Airport in Savannah, GA, will be set up and will conduct limited operations during the pre-landfall period. ASOC operations will be in coordination with the Aviation Operations Desk located in the State Operations Center in Atlanta, GA.

Exercise simulation:

During the overnight hours of June 28-29 the HURREX 2010 scenario will simulate the hurricane making landfall somewhere along the Georgia coast.

The hurricane will come ashore as a major hurricane causing widespread damage and destruction along the coast and inland areas.

Phase 2: Post-landfall activity:**State Operations Center****Tuesday, June 29, 2010**

On Tuesday, June 29, 2010, HURREX 2010 activities will begin at 0800 with a full activation of the SOC. This full activation will require complete support and operational of all SOC staff and Emergency Support Function personnel.

1. ESF #7 Logistics Management and Resource Support will facilitate a conference call at 0900 to discuss the anticipated resource needs of those jurisdictions within the impacted area. This conference call will be used to identify the amount of resources to be acquired, disseminated, and also assist in the development of a commodity burn rate for those jurisdictions within the impacted area.
2. A weather briefing conference call will be conducted at 1100EDT. Facilitating the call will be the National Weather Service office in Jacksonville Florida along with the GEMA Hurricane Planner located in the SOC. The intent of this conference call is to provide updated storm information and provide organizations and agencies the opportunity to participate in this information dissemination process.
3. The GEMA Planning Section will facilitate a conference call at 1130 to discuss the coordination of statewide exercise response activities. Participants welcomed to participate on the conference call include, SOC / ESF coordinators,

local EMA Directors, ERB coordinators, ASOC coordinators, and other agencies and organizations participating in the exercise.

Logistics Staging Area (LSA)

On Tuesday, June 29, 2010, a Georgia Forestry Type II Incident Management Team will continue operations at the LSA, located at the Georgia Public Safety Training Center. Post-landfall activities will include the establishment of on-going operation based upon the receipt and delivery of commodities. These activities will be in conjunction and coordination with activities being conducted within ESF 7 personnel located at the State Operations Center.

Dublin Staging Area

On Tuesday, June 29, 2010, the Dublin Staging Area, located at the Heart of Georgia Technical College in Dublin, GA., will remain activated to check in / check out response resources, to include all personnel and equipment which will be moved forward to the State Staging Area / Base of Operations, or have been released from the State Staging Area / Base of Operations.

State Staging Area / Base of Operations

On Tuesday June 29, 2010, the State Staging Area / Base Camp Operation, located adjacent to the Savannah / Hilton Head International Airport Fire Department in Savannah, GA., will continue to support the logistical needs of response personnel in addition to assisting in the execution of multiple search and rescue missions as directed by ESF 9 personnel in the State Operations Center.

Aviation Support Operations Center

On Tuesday June 29th, the Aviation Support Operations Center, located at the Chatham County Mosquito Control Headquarters Building on the Savannah / Hilton Head International Airport in Savannah, GA., will be fully operational and will conduct air support missions as directed by the Aviation Operations Desk located in the State Operations Center in Atlanta, GA.

The ASOC will be de-activated following the completion of exercise activity on this date.

**Phase 3: Post-landfall / De-Mobilization Activity:
State Operations Center
Wednesday, June 30, 2010**

HURREX 2010 will continue with a partial activation of the SOC at 0800. Participants within the SOC during this period will only be those functions with activities associated with the de-mobilization of down range facilities to include the Logistics Staging Area, Dublin Staging Area, and Base of Operations.

It is anticipated that these activities will be completed by 12:00 PM.

At 1:00 PM an exercise de-briefing will take place in the SOC. Participants at the de-brief should include representation from each of the SOC / ESF functions, as well as representation from those facilities activated downrange.

HURREX 2010 will terminate at the completion of the exercise de-briefing.

Logistics Staging Area (LSA)

On Wednesday, June 30, 2010, a Georgia Forestry Type II Incident Management Team will facilitate the LSA de-mobilization process. De-mobilization activities will be in conjunction and coordination with activities being conducted within ESF 7, located at the State Operations Center.

Dublin Staging Area

On Wednesday, June 30, 2010, the Dublin Staging Area, located at the Heart of Georgia Technical College in Dublin, GA., will remain activated to process out response resources, to include all personnel and equipment which have been released from the State Staging Area / Base of Operations.

State Staging Area / Base of Operations

On Wednesday June 30, 2010, the State Staging Area / Base Camp Operation, located adjacent to the Savannah / Hilton Head International Airport Fire Department in Savannah, GA., will conduct de-mobilization operations.