

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
R2 Hurricane Irene/TS Lee (NY) Response - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: POLREP #3
Hurricane Irene Response Sit Rep #3
R2 Hurricane Irene/TS Lee (NY) Response

Edison, NJ
Latitude: 40.5159553 Longitude: -74.3550459

To:
From: James Daloia, Team Leader
Date: 8/28/2011
Reporting Period: 1400 August 27, 2011 to 1200 August 28, 2011

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority:	Response Type: Emergency
Response Lead: EPA	Incident Category:
NPL Status:	Operable Unit:
Mobilization Date:	Start Date: 8/26/2011
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

1.1.2.1 Location

AT 1100 AM EDT...THE CENTER OF TROPICAL STORM IRENE WAS LOCATED NEAR LATITUDE 41.4 NORTH...LONGITUDE 73.7 WEST. IRENE IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 26 MPH...43 KM/H...AND THIS MOTION WITH A LITTLE FASTER FORWARD SPEED IS EXPECTED OVER THE NEXT DAY OR SO. ON THE FORECAST TRACK...THE CENTER OF IRENE WILL MOVE OVER NORTHERN NEW ENGLAND LATER TODAY AND OVER EASTERN CANADA TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH...95 KM/H...WITH HIGHER GUSTS. IRENE IS FORECAST TO WEAKEN AND BECOME A POST-TROPICAL CYCLONE BY TONIGHT.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 320 MILES...520 KM FROM THE CENTER. A WEATHERFLOW STATION ON FIRE ISLAND RECENTLY REPORTED SUSTAINED WINDS OF 50 MPH...80 KM/H...WITH A GUST TO 63 MPH...101 KM/H.

1.1.2.2 Description of Threat

STORM SURGE...AN EXTREMELY DANGEROUS STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 4 TO 8 FEET ABOVE GROUND LEVEL FROM WESTERN PORTIONS OF LONG ISLAND SOUND EASTWARD ALONG THE SOUTHERN COASTS OF CONNECTICUT...RHODE ISLAND...AND MASSACHUSETTS. THE HIGHEST SURGES WILL OCCUR NEAR THE UPPER PARTS OF BAYS AND INLETS. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE...DESTRUCTIVE...AND LIFE-THREATENING WAVES. HIGHER THAN NORMAL ASTRONOMICAL TIDES ARE OCCURRING THIS WEEKEND. COASTAL AND RIVER FLOODING WILL BE HIGHEST IN AREAS WHERE THE PEAK SURGE OCCURS AROUND THE TIME OF HIGH TIDE. STORM TIDE AND SURGE VALUES ARE VERY LOCATION-SPECIFIC...AND USERS ARE URGED TO CONSULT PRODUCTS ISSUED

BY THEIR LOCAL NATIONAL WEATHER SERVICE OFFICES. WATER LEVELS ALONG THE NEW JERSEY AND DELAWARE COAST INCLUDING DELAWARE BAY WILL SUBSIDE TODAY.

RAINFALL...IRENE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 4 TO 8 INCHES...WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES... FROM NORTHEASTERN PENNSYLVANIA AND NORTHERN NEW JERSEY NORTHWARD INTO NEW YORK STATE AND INTERIOR NEW ENGLAND. THESE RAINS... COMBINED WITH HEAVY RAINS OVER THE PAST FEW WEEKS...COULD CAUSE WIDESPREAD FLOODING...LIFE-THREATENING FLASH FLOODS...AND SIGNIFICANT UPROOTING OF TREES DUE TO RAIN-SOFTENED GROUNDS.

WIND...TROPICAL STORM FORCE WINDS WILL SPREAD NORTHWARD INTO NORTHERN NEW ENGLAND AND ATLANTIC CANADA TODAY. WINDS AFFECTING THE UPPER FLOORS OF HIGH-RISE BUILDINGS COULD BE SIGNIFICANTLY STRONGER THAN THOSE NEAR GROUND LEVEL.

TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER SOUTHERN NEW ENGLAND THIS AFTERNOON.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

All Emergency Operations Centers are staffed by EPA responders. OSC Harrington is deploying to Sector Philadelphia to standby with USCG. We anticipate forming a joint ESF-10 response op with the USCG to respond to oil/hazmat spills.

2.2 Planning Section

2.2.1 Anticipated Activities

Hurricane preparedness activities are underway.

- staffing plan and communications plan has been generated
- coordinated with OSCs to demobilize their removal sites
- coordinate with other EPA regions for backup personnel/resources, EPA-ERT, USCG-Atlantic Strike Team (AST) and removal cleanup (ERRS) and support (RST) contractors
- Generate sitreps
- OSCs have been mobilized to the EOCs and the FEMA RRCC as of 1200 hours on Saturday, August 27, 2011.

2.2.1.1 Planned Response Activities

AFTERHOURS: National Response Center (NRC): 800-424-8802
WEBSITE: <http://www.epaosc.org/R2HurricaneIreneResponse>

Regional Incident Commander: James Daloia (908) 420-4505

Afterhours phone: Kim Staiger (908) 42-4510

Afterhours responder: Eric Daly (908) 420-1707

EMERGENCY OPERATION CENTER (EOC) Representatives:

NYC EOC (Albany) - Michael Solecki (908) 420-4501

NJ EOC (Trenton) - Carl Pellegrino (908) 420-4491

NYC EOC - EPA not requested at this time

FEMA District 1 RRCC (NYC) - Margaret Chong (908) 420-4477

2.2.1.2 Next Steps

Updates will be posted in the REOC mailbox, on the Hurricane Irene Response website and in the forthcoming EPA Situational reports to be generated every 24 hours at 1200 hours, until operations have been stood down.

2.2.2 Issues

No reports from the EOCs at this time. All responders standing by in response ready mode.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

For additional updates on Hurricane Irene response activities, please visit

www.epaosc.org/R2HurricaneIreneResponse

INSTRUCTIONS FOR EPAOSC.NET:

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: www.epaosc.net, click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on R2 Hurricane Irene. Once on the site, you can navigate to the documents that will be stored there.

If you find that you are having trouble viewing the website, please give the EPA duty officer a call at (908) 420-4510.

6.2 Reporting Schedule

24 hour reporting period. Next sitrep to be generated at 1200 hours Monday, August 29, unless response activities dictate a new reporting period.

7. Situational Reference Materials

No information available at this time.