



Installation Virtual Operations and Information Center (IVOIC)

Flood Control Update Brief

21 April 2011

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Chief, Plans & Operations

To provide the Army the installation capabilities and services to support expeditionary operations in a time of persistent conflict, and to provide a quality of life for Soldiers and Families commensurate with their service.

We are the Army's home

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Flood Control Update Brief



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AGENDA

- I. Purpose
- II. Safety Message
- III. SITREP (UPDATED)**
- IV. National Weather Service Flood Predictions (a/o 25 Mar 11) (UPDATED)**
- V. Flood Build-Up (UPDATED)**
- VI. SIGACTS (UPDATED)**
- VII. River Stage, Forecast, and Water Elevation (UPDATED)**
- VIII. Public Affairs Summary / Photos (UPDATED)**
- IX. Community Links (UPDATED)**
- X. Road Closures (UPDATED)**
- XI. RFIs

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Flood Control Update Brief



Purpose:

To inform the tenants of Rock Island Arsenal of the impending flood and provide a timely and comprehensive flood status update.

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Crews have erected a flood wall on top of the north levee from Gillespie Street to the east end of the Island. Safety is being stressed; residents and employees are warned to stay off the levees and away from Blunt Road. This area has been designated as a restricted area, barricaded, and is only to be used by security and personnel working the flood situation.

As flood waters rise over the next few days there will be intermittent road closures throughout the Island. While most of the areas should not impact daily operations/missions of Soldiers, Families, and Civilians working and living on the island, you are to heed any road closures or barriers.

We appreciate everyone respecting the designated restricted area and not walking, jogging, or driving in these areas. If you witness unauthorized personnel accessing the restricted areas please contact the Rock Island Arsenal Police ASAP with vehicle or pedestrian location/description at (309) 782-6116.

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SITREP a/o 21 Apr 11

As of 21 Apr the flood forecast through Apr 28th shows major flooding is occurring and will crest at 20.9' on Apr 22nd and then decrease to 18.5' by Thursday Apr 28th. The increase in flood stage is a result of snow melt and rain fall that has been occurring in the region. River will be hyper sensitive in response to additional rainfall. NWS expects the river to remain at moderate to major flood stage through the end of April. Preparedness/Mitigation updates are as follows:

1. Continuing to monitor flood levels and access actions. Current level as of 1200 is 20.04'. Crest prediction at 20.9' on 22 Apr.
2. No additional HESCO installation is warranted at this time. Levees have sufficient freeboard to at least 22'.
3. RIIS is providing the pump for the City of Davenport at 1400 today to help protect LeClaire Street.
4. Water seeping into the basement of Bldg 31. RIIS is supplying pumps.

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SITREP a/o 21 Apr 11 (Cont.)

5. DPW is training Soldiers today for flood levee walking. Eleven Soldiers completed training.
6. RIIS is continuing to monitor waste in the sewer and routinely monitoring levels at Bldg 204.
7. The levees are holding the water with no evidence of seepage or softness at this time.
8. DPW will commence 24/7 inspection of the levee starting the morning of 21 Apr until 25 Apr. One DPW civil engineer and one Soldier will team and monitor the levee conditions on three shifts per day. One DPW supervisor will be Shift Coordinator on each shift. DPTMS is coordinating with the Soldiers and developing the roster. DPTMS will also identify a OIC/NCOIC to be on call to coordinate Soldier issues.
9. DPW surveyed residents in Bldg 30/31. None were anxious to leave their residence, and based on the current situation DPW is not recommending evacuation at this time.

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SITREP a/o 21 Apr 11 (Cont.)

10. Additional sandbags were installed to protect the low spot at the Rock Island Entrance. There is currently no threat at the entrance.
11. No mission impacts identified at this time. DPW has coordinated with MWR regarding activities at the golf course and ball fields on the North Side of RIA.
12. RIIS will have two contractors available during each shift to assist in flood control during 21-25 Apr.
13. The shift coordinator is responsible for issuing levee walker equipment to the Soldiers on their shift.
14. DPW will generate a drawing showing the current staging of sandbags.
15. DPW will coordinate with Emergency Services on plans to start 24/7 levee inspections.

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NWS Flood Predictions

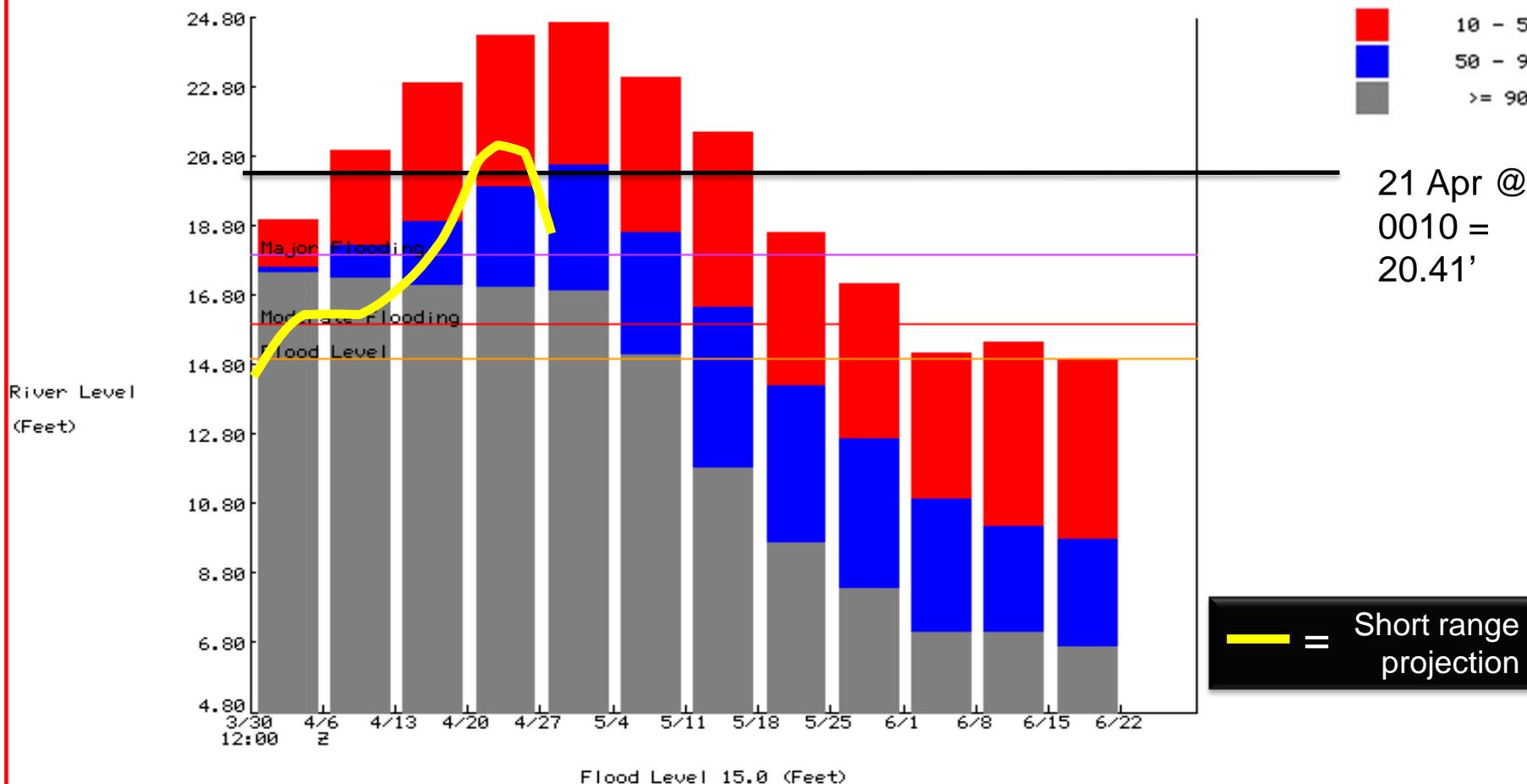
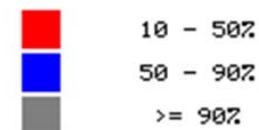


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1 Week Chances of Exceeding River Levels on the MISSISSIPPI R at QUAD CITIES
 Latitude: 41.3 Longitude: 98.4
 Forecast for the period 3/30/2011 - 6/22/2011
 This is a conditional simulation based on the current conditions as of 3/23/2011

Exceedance
Probability



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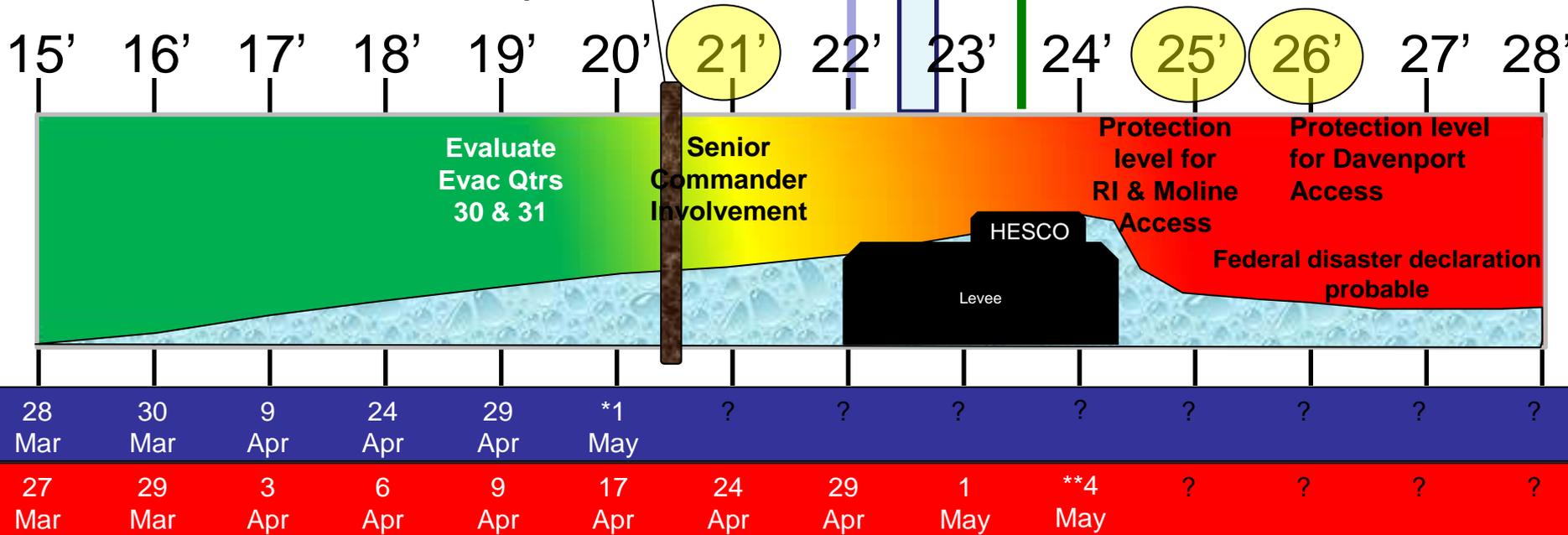
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Flood Build-Up (2011)

21 Apr = 20.41'
@ 0010
+.45' from 20Apr

Flood Exceedance Probability
■ 50 – 90%
■ 10 – 50%



- Plan
- Install sandbags & Hescos
- Train Levee teams
- Coordinate
- Operate RIAG EOC

- Operate DPW ICC
- Inspect levees
- Increase STRATCOM
- Plan/coordinate

- Operate DPW ICC/RIAG EOC 24/7
- Inspect levees 24/7
- Increase communications with community
- MDMP/Plan COOP & Evacuation

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Severe Weather Update Brief



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CURRENT SIGACTs

Date / Time	SIGACTS
14 APR / 1300	6" diesel pump has been coordinated to provided to Davenport for continued access to Government Bridge
18 APR/1300	Recommendation made NOT to evacuate Qtrs 30 & 31 based on current conditions/predictions
18 APR/1300	RIIS Completing flood control measures to 20.5'
18 APR/1300	Dyke Rd. gates closed under Moline Bridge, Blunt Rd. closed from East Ave. to Gillespie Ave.
19 APR/1300	Davenport Rd. is closed, Sylvan Drive is closed from Fire training area west to Bldg 299
19 APR/1300	Water has topped south side levee by MWR Golf driving range as expected (Minimal Impact)
20 APR/1200, 1300, 1400	Training for Soldiers (Levee Patrol and Ops during Flood Fighting)
20 APR/	DPW will assess conditions for flood fight staffing and evacuation of Qtrs 30/31
20 APR/1300	DPW recommends not to evacuate Qtrs 30/31 based on survey of residence and occupants
20 APR/1300	Sandbags placed at Rock Island entrance to protect low spot (No impact to access)
21 APR/0700	DPW begins 24/7 levee inspection with Soldier support through the weekend then reassess 24/7 Ops

For previous SIGACTs see back up slide

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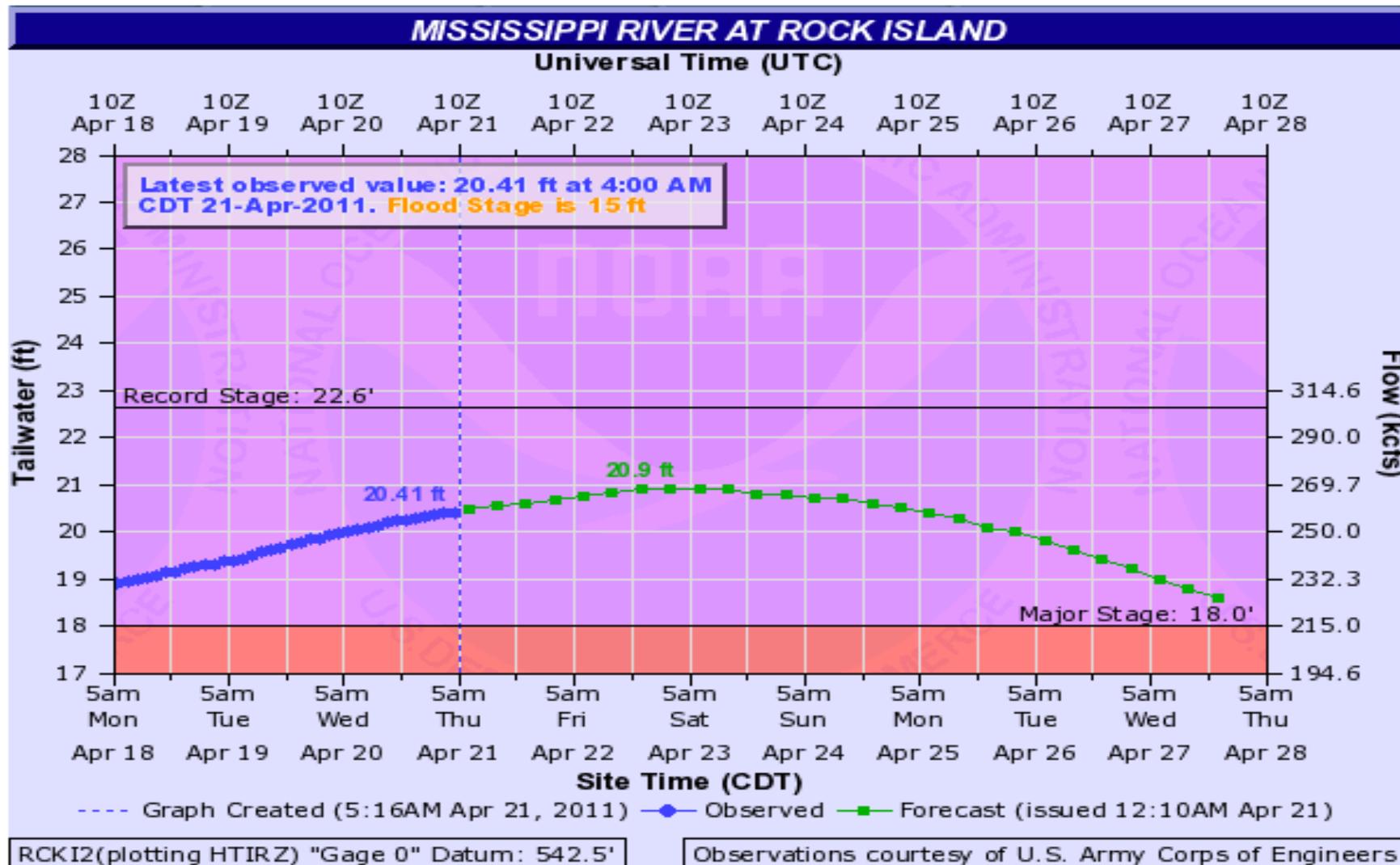
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Weekly Forecast (a/o 21 Apr 11)



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Public Affairs Summary

Current Ops

- Flood website w/FAQs being developed. http://www.ria.army.mil/sites/flood_information/
- DPTMS interview that aired on WHBF TV4: <http://bit.ly/hswg5v>
- Continue to take photos for historic reference.

Future Ops

- TBD

Assessments

- TBD

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Community Links

City:

[East Moline](#)

[Moline](#)

[Bettendorf](#)

[Rock Island](#)

[Davenport](#)

County:

[Scott County EMA](#)

[Rock Island County EMA](#)

Additional Links:

[Map for RIA Flood Plan](#)

[Davenport Library Info](#)

[USACE Rock Island District](#)

[River levels](#)

[FEMA widget](#)

[Community Flood Watch Video](#)

In the News:(NEW on 21 Apr 11)
[Mississippi to crest Friday](#)- Courtesy of
QC Times



Flood Control Update Brief



Area Road Closures Due to Flooding

Iowa

Davenport:

- [South Concord Street from Miller to Wapello avenue closed because of water over the road in the area just west of the Waste Water Treatment Plant drive.](#)
- [Biederbecke Drive at Main Street in downtown Davenport has been closed for construction of a dike across street.](#)
- [East River Drive from Carey Ave. to Rockingham Rd. has been closed due to flooding.](#)
- [River Drive from Mound to Bettendorf](#)

Bettendorf:

- [River Drive, Grant and State St to 8th st](#)

Illinois

Rock Island:

Moline:

- [River Drive from 23rd st to 55th st has been closed due to flooding.](#)

East Moline:

RIA

- [Dyke Rd. from under Moline bridge to Burr Dr. Official traffic only.](#)
- [Blunt Rd. from East Ave. to Gillespie Ave. Official traffic only.](#)
- [Davenport Dr. Official traffic only.](#)
- [Sylvan Dr. fire training center to west Bldg 299. Official traffic only.](#)

*NOTE: Drivers who go around barricades are putting themselves and their passengers safety at risk and may be ticketed by police.

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RFIs

1. Should the flood waters reach such a level to constrain (but not totally prohibit) traffic onto RIA and tenant mission performance; how will the guard force implement further access control limits to only allow entrance of those authorized by each tenant for high priority MEFs?
 - As of now we currently don't have MEF rosters built into the RCx (the vetting system used for access control). We have the capability to build rosters into the system but it becomes a matter of maintaining rosters and pushing updates to the DES for the RCx system. This is an issue that will require further analysis from COOP planners on the installation and the DPTMS & DES.

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End of Brief

INSTALLATION MANAGEMENT COMMAND



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“Sustain, Support and Defend”

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BACK UP SLIDES

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Severe Weather Update Brief



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PREVIOUS SIGACTs

Date / Time	SIGACTS
13 APR / 0900	Executing flood control measures in preparation for 19 feet
13 APR / 0900	Evacuation arrangements for Qtrs 30 & 31 have been made
30 MAR / 0900	Out of 3 Sections of Hesco flood barriers, section 1 and a portion of Section 3 is installed
29 MAR / 0900	Soldier Training (Classroom – Medical, Commo, Safety, Ops)
27 MAR / n/a	Sandbag fill complete (45K)
25 MAR / 0800	CG Brief
24 MAR / 0800	Flood Control Planning Meeting - Initial meeting

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