



Installation Virtual Operations and Information Center (IVOIC)

Flood Control Update Brief

22 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
- IX. Community Links (UPDATED)**
- X. Road Closures
- XI. RFIs (UPDATED)**

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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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Safety matters

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 22 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 1300 is 20.53'. Crest prediction at 20.8' on 22 Apr.
2. No additional HESCO installation is warranted at this time. Levees have sufficient freeboard to at least 22'.
3. RIIS provided the pump to the City of Davenport to help protect LeClaire Street.
4. Water seeping into the basements of Bldg 30/31 is under control with RIIS monitoring.

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SITREP a/o 22 Apr 11 (Cont.)

5. RIIS is continuing to monitor waste in the sewer and routinely monitoring levels at Bldg 204.
6. The levees are holding the water with only small amounts of seepage. We are flagging the areas so they are easily identified. The levees are solid with no softness at this time.
7. DPW commenced 24/7 inspection of the levees starting this morning with one civil engineer and one Soldier teamed for each of three shifts per day. One DPW supervisor is the Shift Coordinator on each shift. These inspections are planned to continue until 25 Apr. DPTMS will provide a Soldier roster and identify an IC/NCOIC to be on call to coordinate Soldier issues.
8. 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.
9. RIIS will have two contractors available during each shift to assist in flood control during 21-25 Apr.

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SITREP a/o 22 Apr 11 (Cont.)

10. A drawing was prepared showing the locations for staging the sandbags.
11. DPW has coordinated with Emergency Services on plans to conduct 24/7 levee inspections through 25 Apr.
12. The water pond east of MidAmerican power lines on Blunt is typical during major flood events. We have flagged the area and been monitoring throughout the day. There is no noticeable increase in levels so far. We are not pumping the water since the hydrostatic head will help equalize pressure and minimize further infiltration.

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NWS Flood Predictions

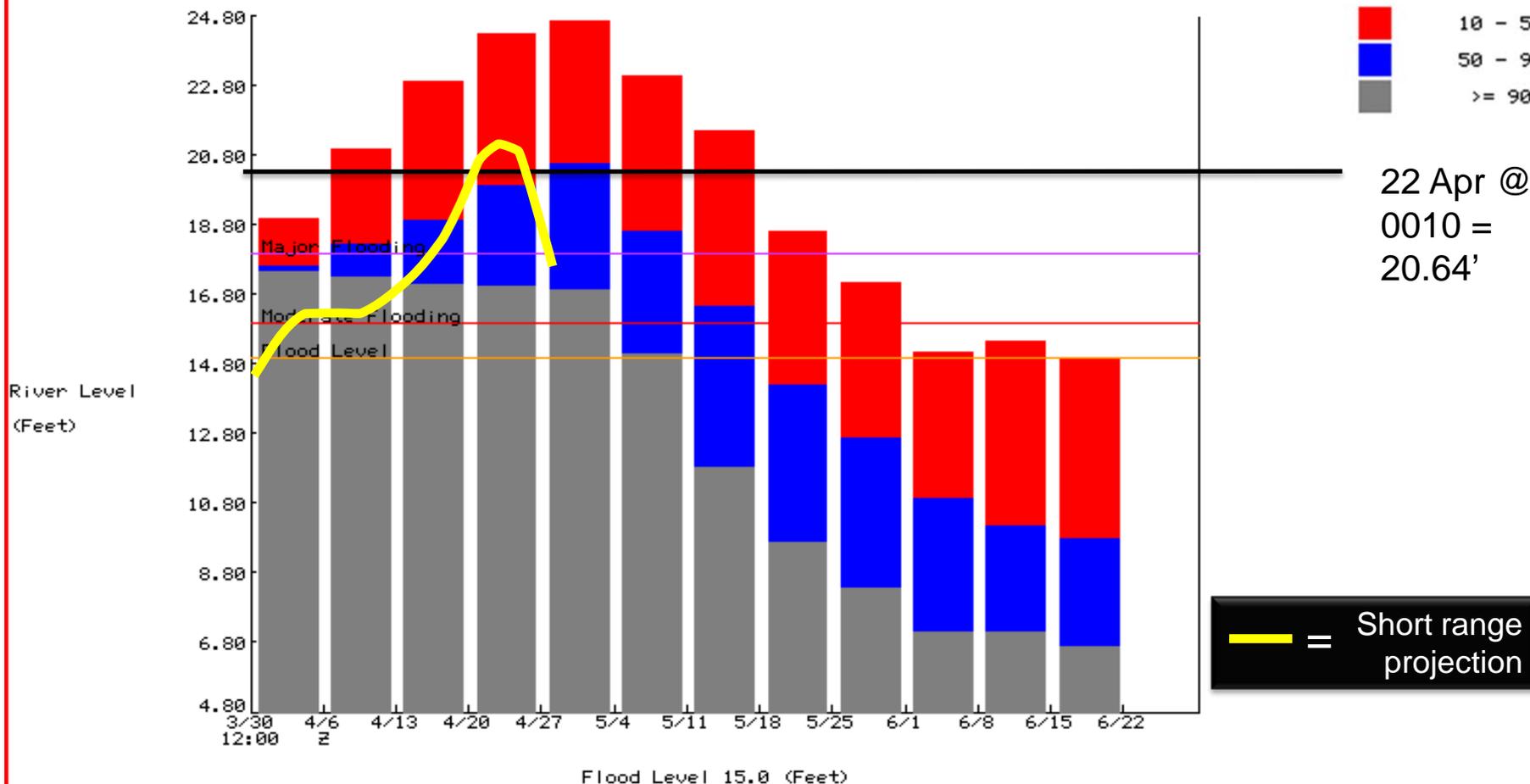
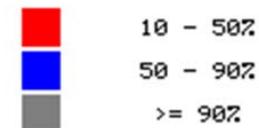


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1 Week Chances of Exceeding River Levels on the MISSISSIPPI R at QUAD CITIES
 Latitude: 41.3 Longitude: 98.4
 Forecast for the period 3/30/2011 - 6/22/2011
 This is a conditional simulation based on the current conditions as of 3/23/2011

Exceedance
Probability



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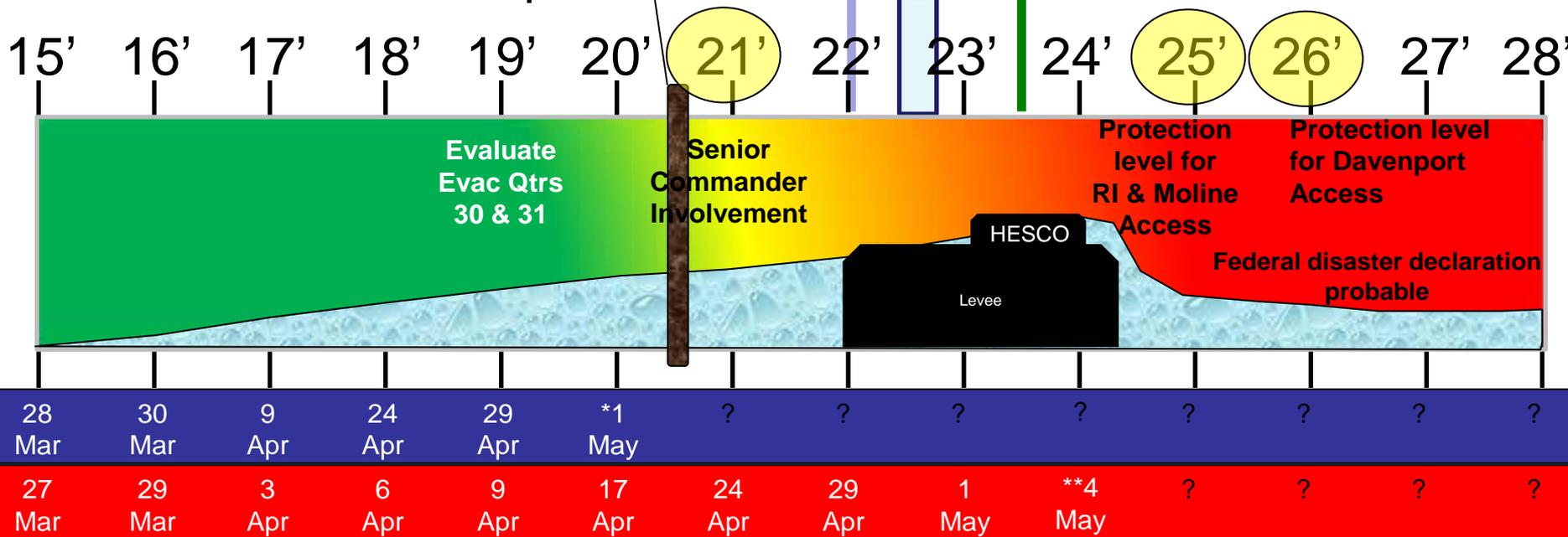
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Flood Build-Up (2011)

22 Apr = 20.64'
@ 0010
+.23' from 21Apr

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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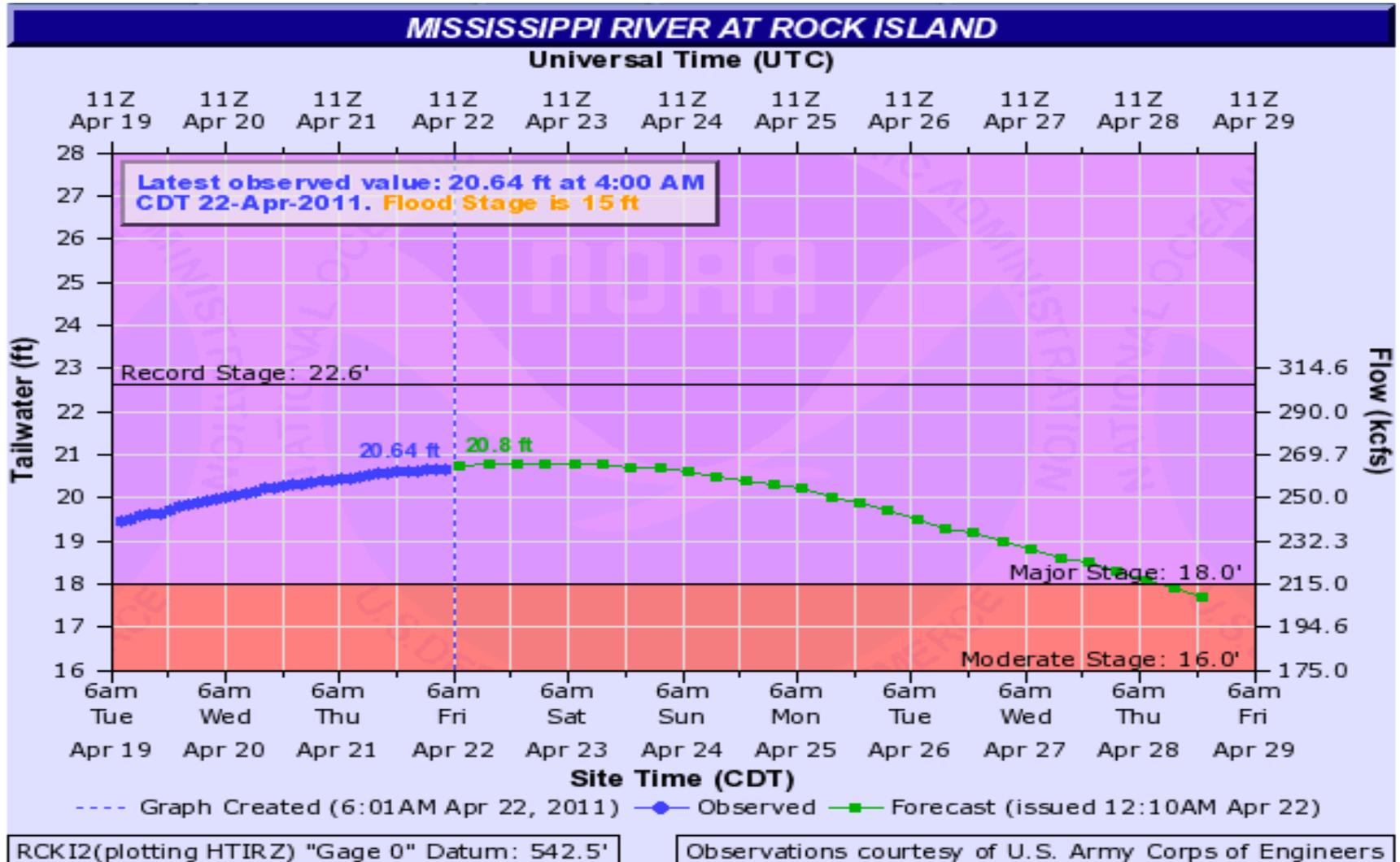
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Weekly Forecast (a/o 22 Apr 11)



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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 22 Apr 11)

[Flooding Mississippi swamps](#)

[Enchanted Island](#)- Courtesy of QC Times

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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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RFI Access Control

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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RFI Soldier Augmentation

1. Would like to know how long during the shifts will the Soldier's actually walk the levy.
 - We anticipate walking will be on the average of 15 minutes per hour.
2. Also what is the risk to the Soldier's as they are performing the duty.
 - There is very limited risk to the Soldiers. Their main purpose is to act as the buddy to the DPW engineer. The Soldier is unlikely to get close to the river water. Risk is mainly walking on uneven terrain.
3. Will they have life vest to keep them safe.
 - A life vest and safety vest will be available and the Soldier can wear them when they are patrolling the area.
4. What will be the work rest cycle.
 - The work cycle is walking a slow pace. We anticipate walking will be on the average of 15 minutes per hour. The rest of the time the Soldier will be patrolling in a vehicle with the DPW engineer. Short routine breaks are also scheduled.

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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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