

Situation Report (SIT-REP) Version: 5.0

Incident Name: Independence Day Flooding

Report Date: 01 July 2010

Report Time: 1300



For Additional Information Contact:

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Proudly serving the communities of:

Alleman, Altoona, Ankeny, Bondurant, Clive, Des Moines, Elkhart, Grimes, Johnston, Mitchellville, Pleasant Hill, Polk City, Polk County, Runnells, Urbandale, West Des Moines, and Windsor Heights

NEW/UPDATED INFORMATION FROM THE LAST VERSION IS HIGHLIGHTED IN GREEN

SECTION 1: SITUATION DESCRIPTION

The pneumatic crest gates at Saylorville Reservoir were lowered shortly after 6am on 7/1. The time frame for having the pneumatic crest gates completely down was accelerated due to projected inflows to the reservoir from rainfall over the coming weekend.

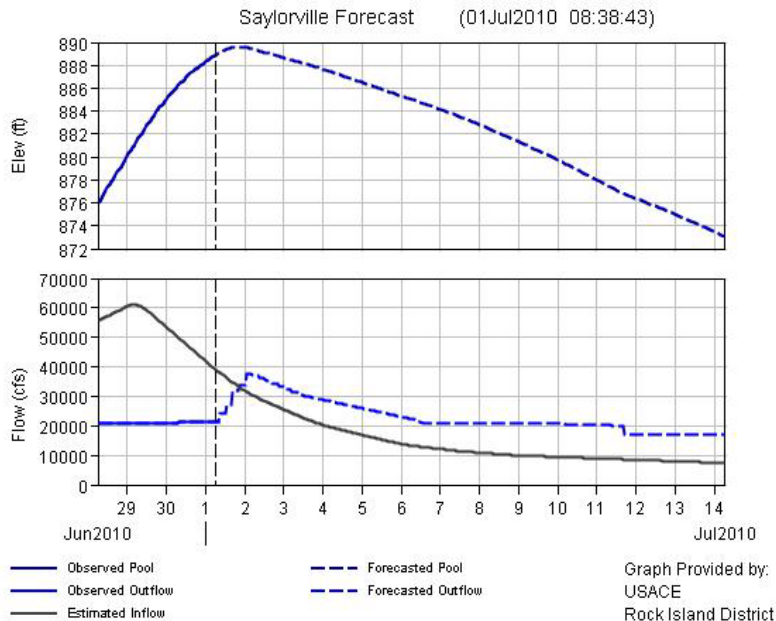
SECTION 2: FORECAST

Local Forecast Details: www.weather.gov/desmoines/

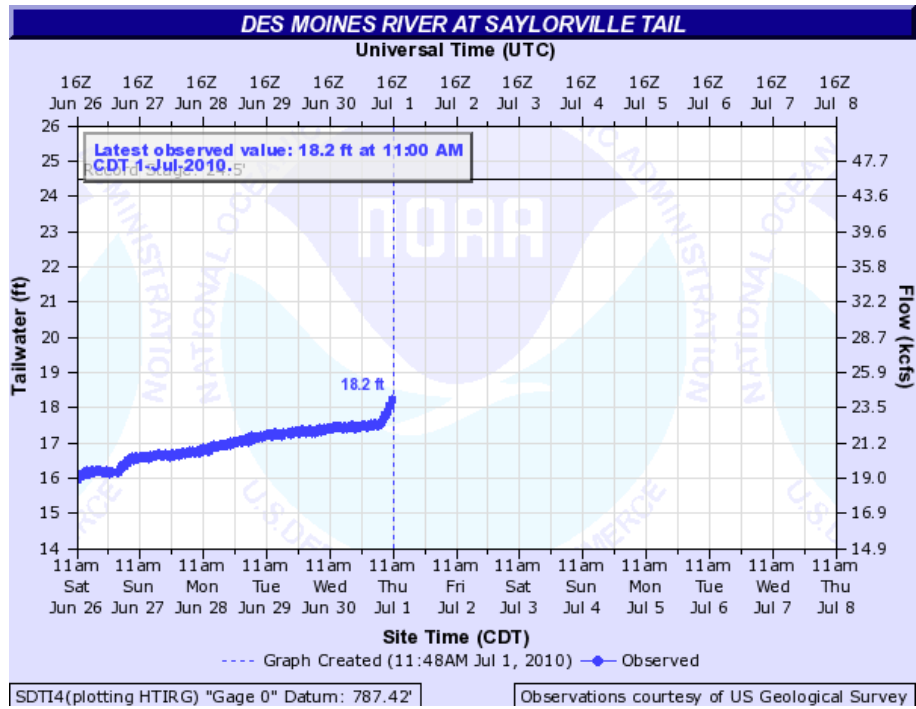
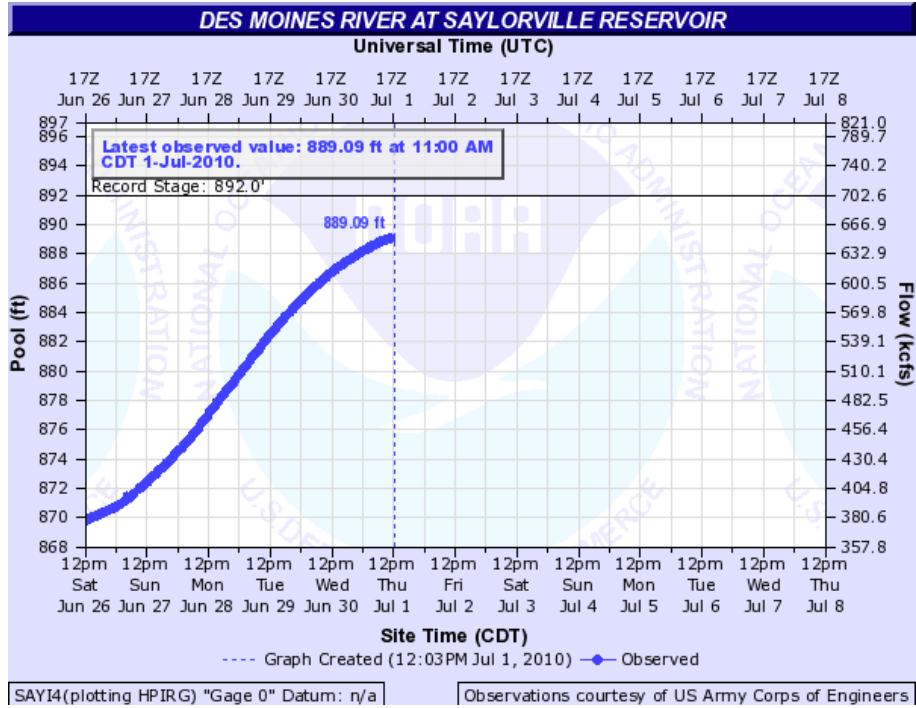
- 7/1 - Sunny, with a high near 82. Breezy, with a south wind between 11 and 16 mph, with gusts as high as 22 mph
- 7/2 - Sunny, with a high near 85. Breezy, with a south wind between 9-16 mph, with gusts as high as 23 mph
- 7/3 - Mostly sunny, with a high near 88. Breezy, with a south wind between 10-18 mph, with gusts as high as 26 mph
- Independence Day: A 50 percent chance of showers and thunderstorms. Mostly cloudy, with a high near 82
- 7/4 overnight - A 50 percent chance of showers and thunderstorms. Mostly cloudy, with a low around 70
- 7/5 - A 30 percent chance of showers and thunderstorms. Mostly cloudy, with a high near 83
- 7/5 overnight - A 30 percent chance of showers and thunderstorms. Mostly cloudy, with a low around 69
- 7/6 - Mostly cloudy, with a high near 85
- 7/7 - Mostly sunny, with a high near 85.

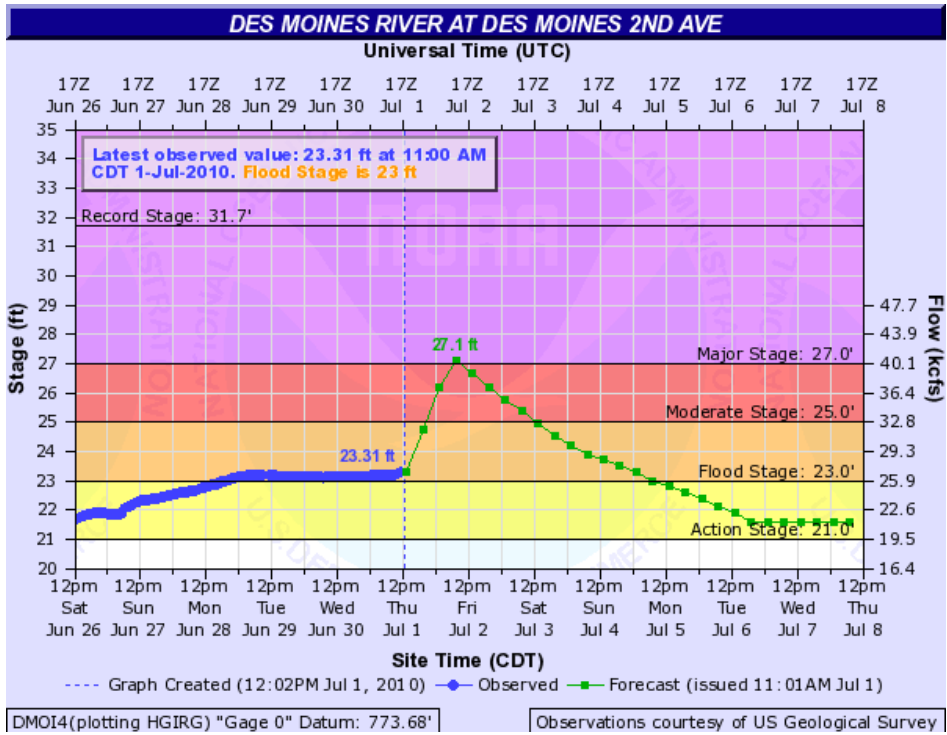
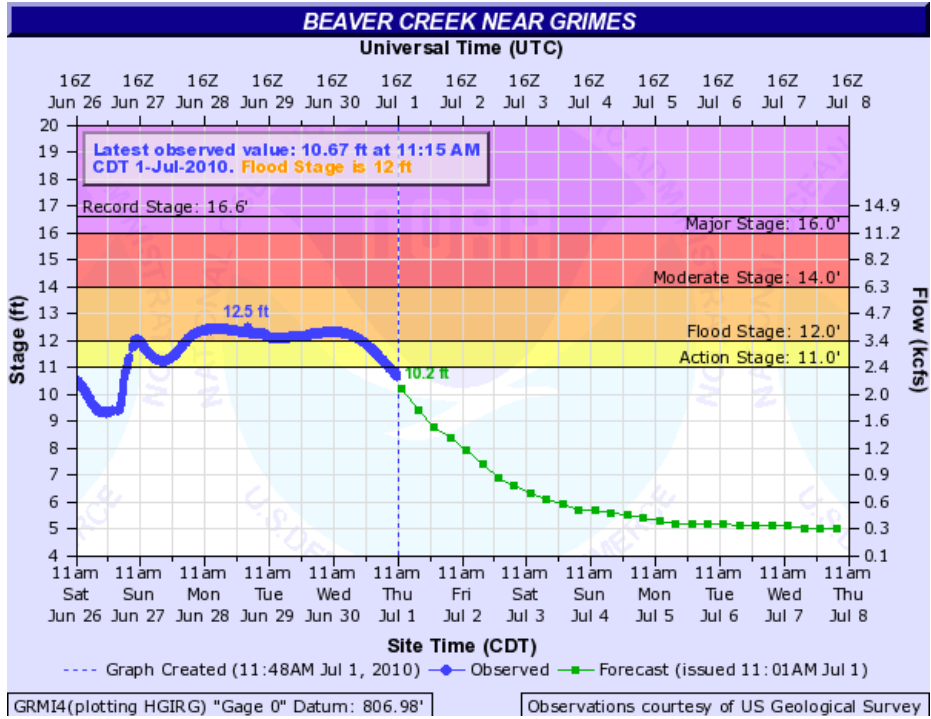
Hydrological Forecast Details:

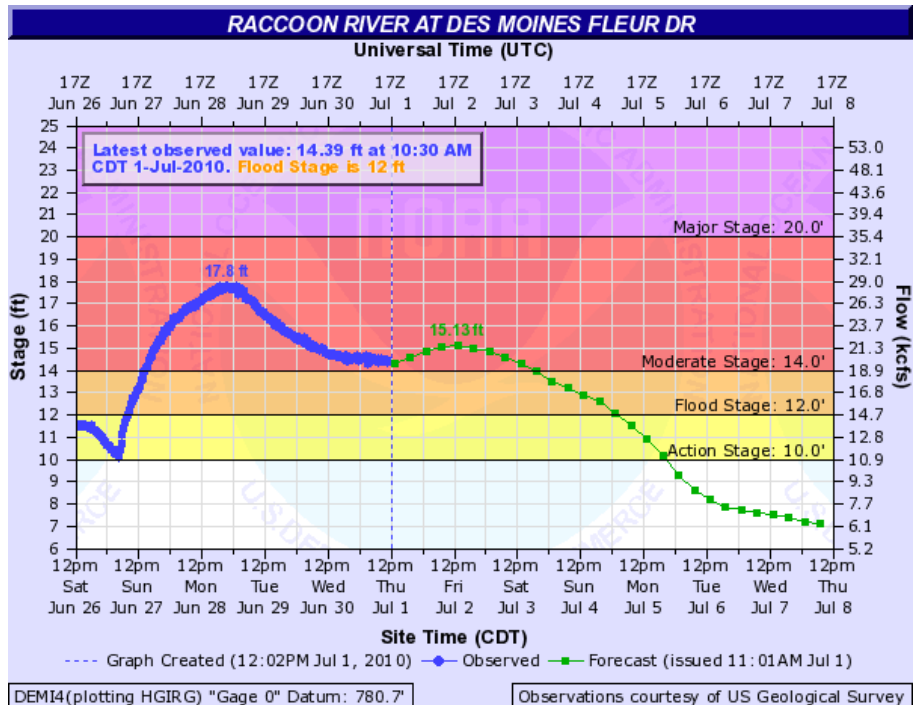
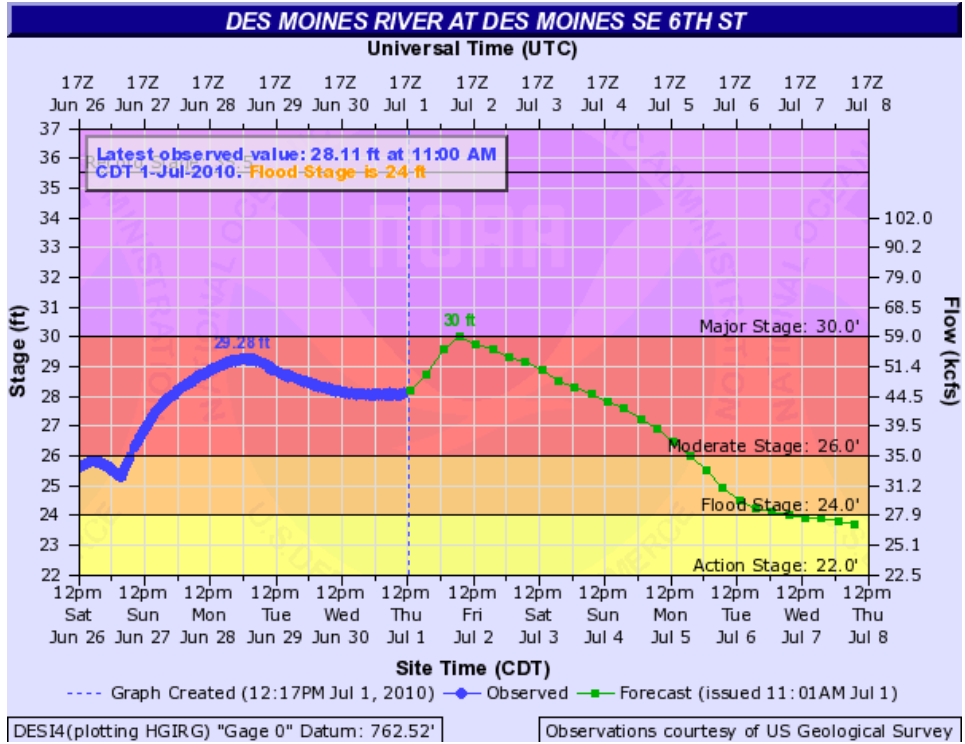
<http://www2.mvr.usace.army.mil/WaterControl/Districts/MVR/Forecast/sayforecast.html>

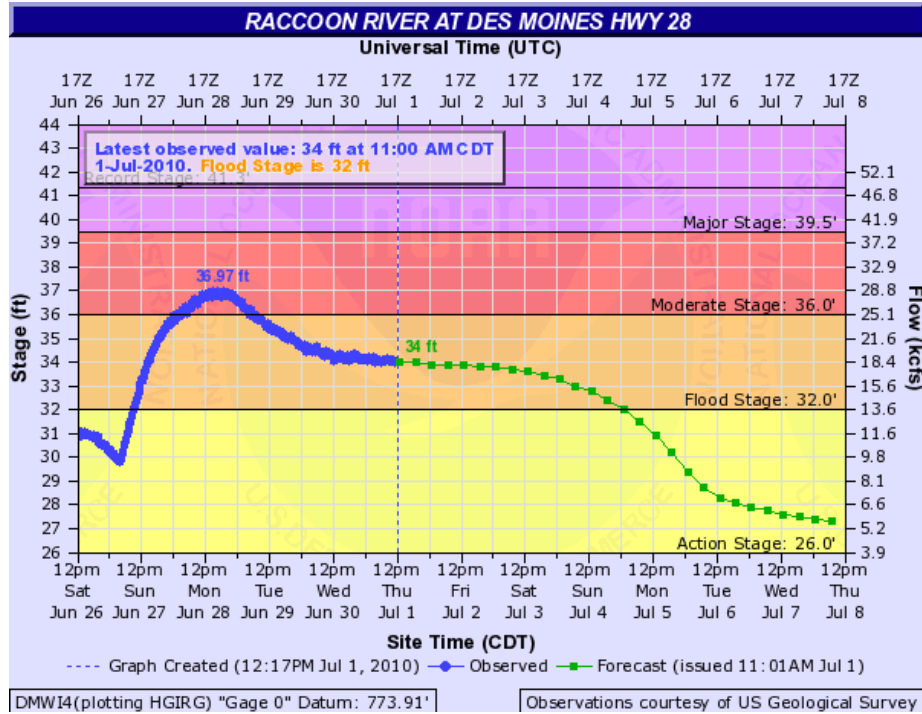


Hydrological Forecast Details: <http://water.weather.gov/ahps2/index.php?wfo=dmx>









SECTION 3: OPERATIONAL FOCUS AREAS

[Numbered priority list of operational focus areas consistent with Incident Action Plan]

1. Track resources to ensure personnel accountability (Base Plan)
2. Monitor road conditions, document closures and develop alternate travel routes. Ensure that alternate routes are communicated to CMED for distribution to area EMS providers (ESF #1 Transportation, ESF #2 Communications, ESF #3 Public Works & Engineering)
3. Monitor weather conditions on a routine basis, to include river stages. Produce Flash Reports detailing those findings to partners (ESF #3 Public Works & Engineering, ESF #5 Emergency Management, ESF #15 Public Information)
4. Maintain communications and information flow between metro governments, response agencies, and the county and state emergency operations centers (Base Plan, ESF #2 Communications, ESF #5 Emergency Management, ESF #15 Public Information)
5. Conduct all operations in safe, cost effective and efficient manner (all ESF's)

SECTION 4: ACTIVATION AND STAFFING LEVEL

Current activation level is a 2 of 5 – “Partial”. We will not be using the senior center for EOC operations as in previous events. The administrative offices of Polk County Emergency Management will be used for EOC operations.

The Comprehensive Emergency Plan can be partially or fully implemented in the context of a threat, anticipation of an incident or planned event, or in response to an incident requiring a coordinated response. Implementation of the plan’s coordination mechanisms is flexible and scalable. The following table is a general description of the escalation potential and can be used to quickly index response activities to an activation level.

Activation Level	Description of Activities	
1	Monitoring	Existing resources and capabilities are not necessarily coordinated outside of their own jurisdiction or outside of their immediate discipline. Normal administrative, planning, training, and exercise activities are scheduled and carried out.
2	Limited	Request of limited coordination by available EMA staff personnel for a single jurisdiction or single discipline. This is done from the incident scene, command post, or agency administrative offices. Select procedures and portions of the CEP are utilized as needed.
3	Partial	Activities include the activation of select ESFs primary and support entities are notified to support incident activities and staff the EOC. EOC may be activated but 24-hour staffing is unlikely. CEP Basic plan concepts and select ESFs are implemented.
4	Full	In a full-scale activation, all ESF primary and support entities are notified and the EOC is fully staffed for 24-hour coverage. Activities include the coordination of local resources with the potential of integrating state and federal resources into local response priorities.
5	Advanced	An advanced level means that local capabilities are largely depleted or inadequate to respond to the wide geographic nature or complexity of the incident. Activities include coordinating with state and federal entities and their resources.

SECTION 5: PROCLAMATIONS AND DECLARATIONS

Local Emergency Proclamation

Des Moines Declaration of Operating Emergency (Internal)

Des Moines Proclamation of Public Emergency

Governor’s Proclamation

Proclamation issued 6/28. http://www.governor.iowa.gov/index.php/press_releases/single/681/

Verbal Proclamation issued 6/27

Presidential Disaster Declaration

None

SECTION 6: DAMAGE ASSESSMENT

[Damage assessments conducted or planned]

Residential	Minor	None
	Major	None
	Destroyed	None
Commercial	Minor	None
	Major	None
	Destroyed	None
Infrastructure	Minor	None
	Major	None
	Destroyed	None

Agriculture	Minor	None
	Major	None
	Destroyed	None
Debris Management		None

SECTION 7: EMERGENCY SUPPORT FUNCTION (ESF) STATUS

The Polk County Comprehensive Emergency Plan (CEP) is built on 15 core emergency support functions or ESFs. The ESFs provide the structure for coordinating interagency and interjurisdictional support for significant incidents and planned events in Polk County. The ESF structure includes mechanisms used to provide support to local jurisdictions both for unplanned emergency incidents and planned events alike. The following subsections provide a briefing of activities by emergency support function.

ESF #1: Transportation (transportation of goods/supplies and people; route management; routes blocked; school delays and closings, etc.)

Road Closures:

- ~~9200-9400 block of Swanson Boulevard in Clive~~
- ~~Lincoln Avenue at intersection of 93rd Court in Clive~~
- George Flagg Parkway, from SW 26th to Park Avenue in Des Moines
- SW 30th from George Flagg Parkway to Park Avenue in Des Moines
- Saylor Road at Guthrie Avenue in Des Moines
- ML King Parkway at Clarkson Avenue in Des Moines
- ~~Fleur Drive from Bell to Martin Luther King Drive. 1 lane each direction has been reopened as of 10am~~
- Hartford Avenue from SE 22nd Street to SE 38th Court.
- South Pleasant Hill Boulevard between Parkridge and Vandalia in Pleasant Hill
- NW 45 Place between NW Morningstar Drive and NW 6th Drive in Polk County
- NW 6 Court between NW Morningstar Drive and NW 6th Drive in Polk County
- NW 45 Avenue between NW Morningstar Drive and NW 6th Drive in Polk County
- SE Vandalia Drive between SE 56 Avenue and Hancock Street in Runnels
- SE 80 Avenue between SE 56 Avenue and Hancock Street in Runnels

ESF #2: Communications (911; paging; dispatch; warning; etc.)

- CodeRED activation for Polk County regarding voluntary evacuation of Morningstar area.
- Potential evacuation zones pre-loaded into CodeRED
- CodeRED activation for Clive regarding road closures due to flooding
- All activations of CodeRED should be coordinated with Polk County Emergency Management to avoid duplication and ensure consistency.
- ARES will be placed on standby
- MICRN briefings from the National Weather Service occurring as needed
- Web based briefings from the National Weather Service occurring as needed
- Metro Emergency Planners Radio Network available should messages need to be sent to metro businesses

ESF #3: Public Works and Engineering (water, wastewater, debris management, plowing operations, traffic control devices, etc.)

- The pneumatic crest gates at Saylorville were lowered shortly after 6am on 7/1
- Levee walkers have been pulled off of the Birdland system. They will still be monitoring the area with high powered optics. This is by no means an indication of a pending threat at Birdland but rather out of an abundance of caution for their safety

- US Army Corps of Engineers will have teams walking the levee system starting at noon on 6/30.
- Spraying for adult mosquito control within the City of Des Moines is scheduled to begin on Friday evening, July 2nd. Trucks will generally be out after 8pm
- The recent heavy rains did result in backups and Des Moines Public Works personnel are working to stabilize the storm water collection and conveyance system.
- It will take approximately 12 hours to completely lower the pneumatic crest gates at Saylorville Reservoir
- Outflow from Saylorville will be approximately 43,000 cubic foot per second when the pneumatic crest gates are lowered
- 2-3 hours after the gates begin being lowered, noticeable increases will occur on the 2nd Avenue gage
- Current predictions indicate a 9-10 day duration for the uncontrolled release
- The Pneumatic crest gates at Saylorville Reservoir will be lowered at approximately 6pm on 6/30. Timing of that may change as inflow to the reservoir changes.
- Pleasant Hill Public Works maintenance garage has relocated due to anticipated water in the facility
- Pneumatic crest gates at Saylorville Reservoir inflated at 1600 hours on 6/28
- Des Moines Public Works walking the levee system to perform inspections starting at 0700 on 6/29
- Bypass pumping operations for storm and sanitary sewer surcharge has started in Des Moines
- Testing of pneumatic crest gates at Saylorville Reservoir for function is underway
- Pneumatic crest gates at Saylorville Reservoir will be in place 6/29
- Erection of Hesco Barriers (temporary flood control devices) are taking place in Johnston (Eagle Ridge Subdivision) and Des Moines (Riverview Nature Island Area)

ESF #4: Firefighting (suppression; prevention; and evacuation)

- Normal Operations

ESF #5: Emergency Management (EOC and CEP coordination; situation unit, liaison with state and federal entities; etc.)

- Planning meetings and situation briefings occurring as needed
- Preliminary Incident Action Plan has been established
- Polk County Emergency Management attended the Birdland Neighborhood meeting on 6/29
- A conference call with the Emergency Management Commission, Polk County Emergency Management and the Corps of Engineers was held on 6/29 to provide a situation briefing and lay out concept of operations
- Producing Flash Reports and Situation Reports

ESF #6: Mass Care, Housing, Human Services (ARC, Salvation Army, United Way, etc.)

- The disaster proclamation authorizes the implementation of the State Individual Assistance Grant Program to assist eligible residents of those counties. The state's Individual Assistance Program provides up to \$5,000 in reimbursements for damages incurred for individuals and families whose income is below 200 percent above the federal poverty level. That means individuals making \$21,660 or less may qualify, and a family of four making \$44,100 or less may qualify.
http://www.dhs.state.ia.us/docs/DisasterAssistanceApplication_201001-01.pdf
- Review and confirmation of evacuation and shelter support strategy took place 6/28
- Final planning meeting of evacuation and shelter support group will occur on 7/1 at 1330 hours to confirm assignments, resources, and timelines.

ESF #7: Resource Support (support not necessarily mentioned in other ESFs)**16 AmeriCorps volunteers on standby**

- There is currently NO need for volunteers for sandbagging or other operations. United Way will coordinate volunteer management should it become necessary
- 11 resource requests processed to date by Polk County Emergency Management. Resulted in 4 deployment of assets 6 referrals and 1 still in progress
- Mutual aid agreements available
- Iowa Mutual Aid Compact (IMAC) available
- Information sharing with Safeguard Iowa Partnership

ESF #8: Public Health and Medical Services (EMS; hospitals, healthcare facilities; mental health, etc.)**Mercy West Lakes emergency room has reopened and one floor in the hospital is open for in-patients**

- Outreach to care facilities to update and review emergency plans completed 6/29
- Mercy West Lakes will be holding an internal meeting at noon today on possibly reopening a portion of their facility following the water issue (NOT flood related)
- Outreach to care facilities to update and review emergency plans will be complete by end of business 6/29
- Mercy West Lakes is on total bypass due to water issues. NOT flood related
- Road closure information to be relayed to EMS providers with alternate travel routes
- Outreach to care facilities began on 6/28 by Polk County Public Health to prepare them for flooding (on-going)

ESF #9: Search and Rescue (extrication and location of missing persons)

- A voluntary evacuation was conducted 6/30 of the area designated at Morningstar. It is roughly bordered by NW 70th Avenue on the north, the river on the west, NE 42nd Avenue on the south and NW 6th Drive on the east.
- Water rescue capabilities have been pre-positioned at 3 separate locations for emergency response
- Planning for the pre-positioning and staging of water rescue capabilities will begin on 6/29

ESF #10: Hazardous Materials

- Des Moines Fire Department Hazardous Materials Team has developed a flyer and is delivering door to door to facilities with hazardous materials on 6/30.
- Coordination with facilities in flood area to secure hazardous materials from floodwater will begin 6/28

ESF #11: Agriculture, Natural Resources, and Pets**Park and Trail Closings:**

- Walnut Creek – from 63rd to Center Street and south of North Valley Drive
- Bill Riley Trail - Ashworth Pool to Water Works Park
- Meredith Trail – from SW 16th and Martin Luther King Jr. Parkway to Fleur Drive
- Gay Lea Wilson Trail
- Neal Smith Trail – from Saylor Road to Euclid Avenue
- Inter-Urban Trail – from East of Martin Luther King Jr. Parkway and Urbandale Avenue
- Trestle to Trestle Trail – from under Euclid Avenue Bridge and from NW Lower Beaver Road to NW Beaver Drive
- Beaver Creek Greenbelt Trail – from South Dirve to Trestle to Trestle trailhead, south of Johnston Drive
- Johnston Urbandale Connection across Beaver Creek
- Green Meadows West Trail from Foxboro Drive to Lew Clarkson Park and across Beaver Creek
- Jester Park entrance
- Sycamore Access

- Grays Lake Park
- Cownie Soccer Park
- Birdland Pool
- Birdland Marina
- Simon Estes Amphitheatre

ESF #12: Energy

- MidAmerican Energy briefed on plan to secure utilities in the NW Beaver Drive/Johnston Drive section of Johnston
- Coordination with MidAmerican regarding voluntary evacuation of Morningstar area. Securing utilities in that area will be at the discretion of the home owner unless there is an extraordinary life-safety situation
- Discussions with MidAmerican Energy ongoing
- MidAmerican Energy has prepositioned resources for sandbagging operations
- Prepared for 31 feet on the SE 6th gauge before any additional resources needed

ESF #13: Law Enforcement and Security

- Starting at noon on 6/30, Des Moines Police Department will increase patrols in the Birdland and Central Place areas. These patrols will be for security of the residences where people have chosen to evacuate, observation of the levee systems and provide rescue assistance should it become necessary
- Increased patrols of the Morningstar area are also being conducted by the Polk County Sheriff’s Office for similar reasons
- Security has been placed at the spillway for traffic control and access restriction

ESF #14: Mitigation and Recovery (disaster assistance program coordination)

- Document all damages for Individual Assistance and Public Assistance categories should a disaster declaration be needed in the future.
- Review of re-entry criteria should evacuations become necessary will begin on 6/28
- Review of coordinated debris management plan will begin 6/28

ESF #15: Public Information

- Any and all press releases related to flooding should be forwarded to Polk County Emergency Management for documentation purposes
- Create Joint Information Center beginning 6/28
- Request all jurisdictions identify a PIO for coordination of information release
- Flash Reports, Situation Reports, Facebook and Twitter updates being used for public information as needed.

SECTION 8: REQUESTS FOR ADDITIONAL RESOURCES

Resource Requested	Requestor	Status	Detail
Local Mutual Aid	DSM PW	Deployed	4 – 6ft sections of suction hose. Clive Public Works providing
	USACE	Pending	Barricades to shut off NW78th at Beaver drive and limit access to spillway. Johnston Public works will handle
IMAC	None		
State Resource	DSM PW	Deployed	2,000 linear feet of Hesco Barrier to supplement Birdland Levee
	Johnston	Deployed	180 linear feet of Hesco Barrier to protect Eagle Ridge subdivision

Federal Resource	DSM PW	Deployed	4 – 8” trash pumps for bypass pumping provided by Corps of Engineers
Private Sector Provision	DSM PW	Referred	200 ton of dry clay. Checked with jurisdictions and DOT districts – they were unable to provide. Referred to private contract
	DSM PW	Referred	1,000 ton of sand. Checked with jurisdictions and DOT districts – they were unable to provide. Referred to private contract
	DSM PW	Referred	4 – 8” pumps. Checked with USACE, they were unable to provide. HSEMD reports private companies receiving additional shipments 6/29. DSM PW will obtain through private contract
	Johnston	Pending	2 – 8” trailer mounted pumps to protect Beaver/Johnston Drive businesses. Requested through Safeguard Iowa Partnership
	USACE	Referred	Request for law enforcement for 24hr traffic control at the spillway. Unable to fill due to local staffing. Iowa State Patrol unable due to holiday weekend staffing. Referred to private security company
Other	ARL	Referred	Housing needed for 20 horses. Checked with Iowa State Fairgrounds and due to construction, they cannot accommodate. Stable owner will take to personal farm to care for

SECTION 9: OTHER RELEVANT INFORMATION

- Next update to SITREP expected 7/02/10 at 1300 hours
- US Army Corps of Engineers website with frequently asked questions, regulation plans, etc. Good resource to answer some of the questions everyone has been getting at neighborhood meetings and from the press. <http://www.mvr.usace.army.mil/PublicAffairsOffice/2010Flood/2010FloodReservoirInformation.htm>
- Each jurisdiction is requested to identify an Incident Commander for coordination with Polk County Emergency Management
- Operational periods will be 24 hours in duration and will begin on 6/28 at 1200hrs and run through 1200hrs on 6/29
- Request that all jurisdictions communicate current and anticipated road closures to Polk County Emergency Management.
- River Place (Polk County Government Bldg.) will be closed starting 6/29. Polk County Sheriff PIO will handle press release