

## **Situation Report (SIT-REP) Version: 3.0**

**Incident Name: Independence Day Flooding**

**Report Date: 29 June 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 will be lowered at approximately 6pm on 6/30**

There have been no significant changes to magnitude of the forecast crests in the Des Moines and Raccoon river basins from yesterday. The Raccoon River from Fleur Drive downstream to the confluence with the Des Moines River will experience a secondary, but small crest late this week. This secondary crest is expected to last through Saturday before the river begins falling again. Backwater from the high Des Moines River is expected to cause this small, but secondary rise.

Despite the dry weather expected this week, moderate to major flooding is occurring or forecast at many locations in the Des Moines and Raccoon River basins. Minor flooding is occurring or forecast along some of the tributaries to those rivers, including Beaver Creek. The forecast crests have been lowered slightly between Saylorville Reservoir and the Raccoon river due to slightly lower forecast outflows from Saylorville. Flooding is still expected though as water is still expected to begin going over the Saylorville Spillway on Wednesday 6/30.

Major flooding expected along the Des Moines River in the Des Moines Metro Area downstream of Saylorville Reservoir. Very heavy rainfall over the past few days will help push water over the emergency spillway at Saylorville Reservoir. Peak inflow to Saylorville Reservoir of 70,000 cubic feet per second is expected on 6/29. The Corps of Engineers will raise the pneumatic crest gates at Saylorville on 6/29. Water is expected to begin going over the spillway June 30th at which time the river level will begin increasing rapidly downstream. Outflow is expected to be around 46,000 cubic feet per second (slightly lower than 2008 levels). The Raccoon River is not expected to peak at the same time, which will benefit river levels. People downstream of Saylorville reservoir, especially from the Reservoir to above the Raccoon River should begin preparing immediately for major flooding and much higher river levels than previously forecast. River levels at 2<sup>nd</sup> Avenue in Des Moines are expected to reach 29 feet late on 6/30 or early 7/1. Flood preparations need to be completed by 6/30. Sandbagging on top of levee systems for additional height is not anticipated.

**SECTION 2: FORECAST****Local Forecast Details:** [www.weather.gov/desmoines/](http://www.weather.gov/desmoines/)

6/29 - Sunny, with a high near 81. North northeast wind around 8 mph

6/30 - Sunny, with a high near 79. Southeast wind between 3 and 9 mph

7/1 - Sunny, with a high near 82. South wind between 8 and 13 mph

7/2 - Sunny, with a high near 84

7/3 - Mostly sunny, with a high near 89

7/3 overnight - A 30 percent chance of showers and thunderstorms. Mostly cloudy, with a low around 69.

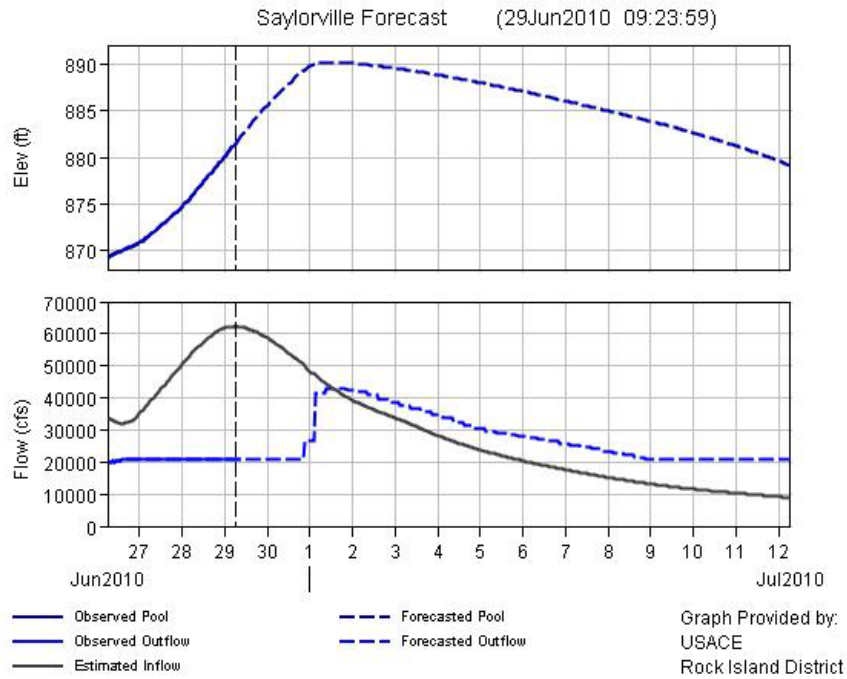
Independence Day: A 30 percent chance of showers and thunderstorms. Mostly cloudy, with a high near 86.

7/4 overnight - A 30 percent chance of showers and thunderstorms. Mostly cloudy, with a low around 68.

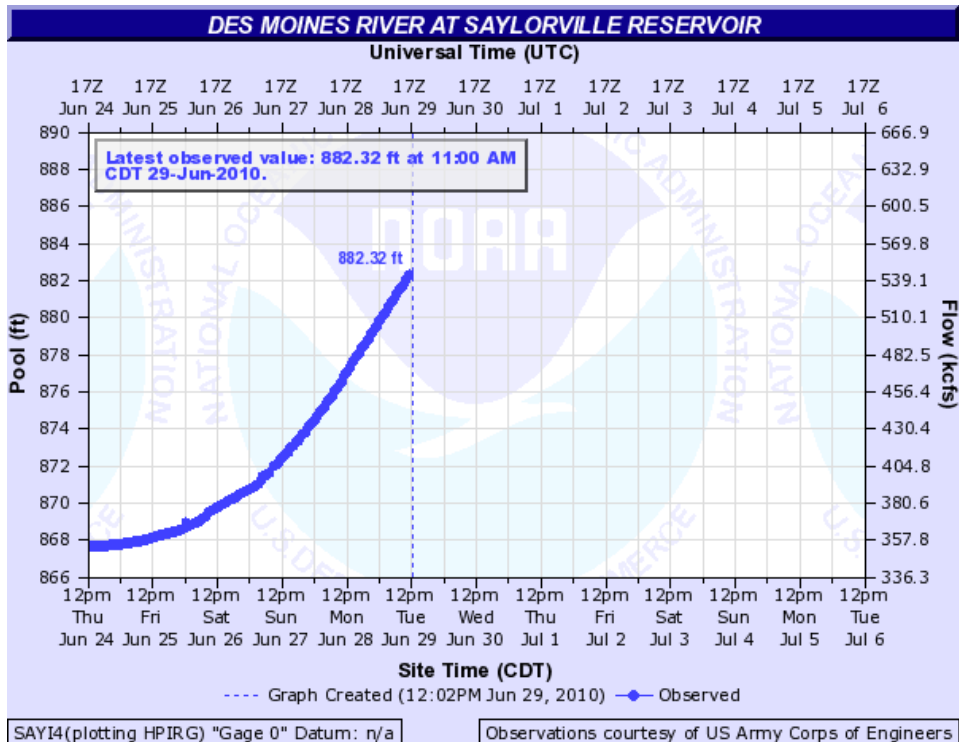
7/5 - Mostly cloudy, with a high near 82.

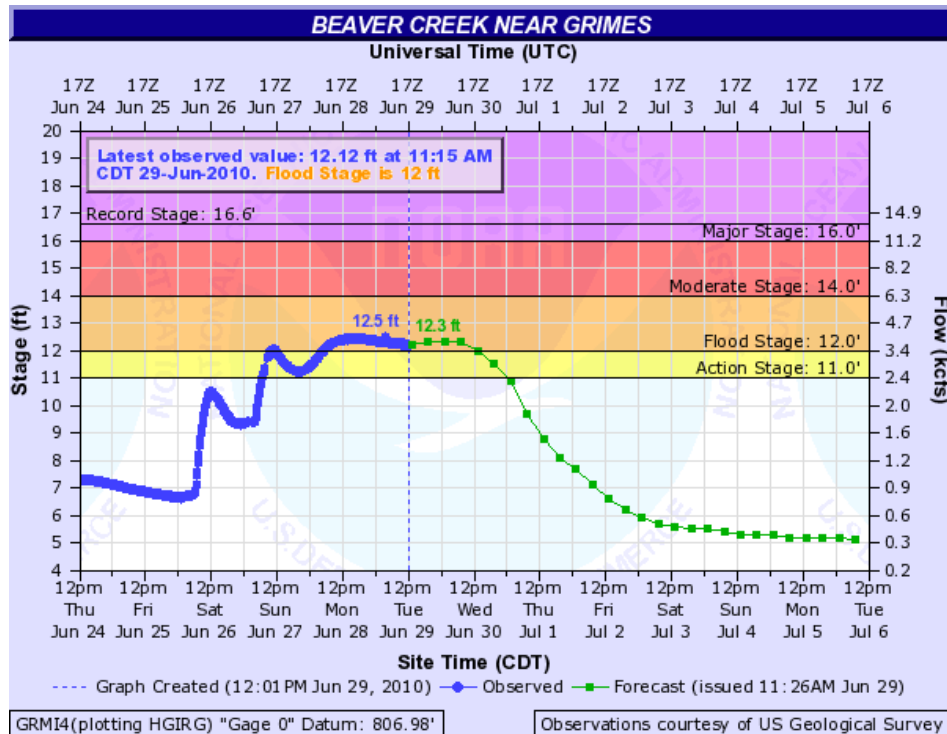
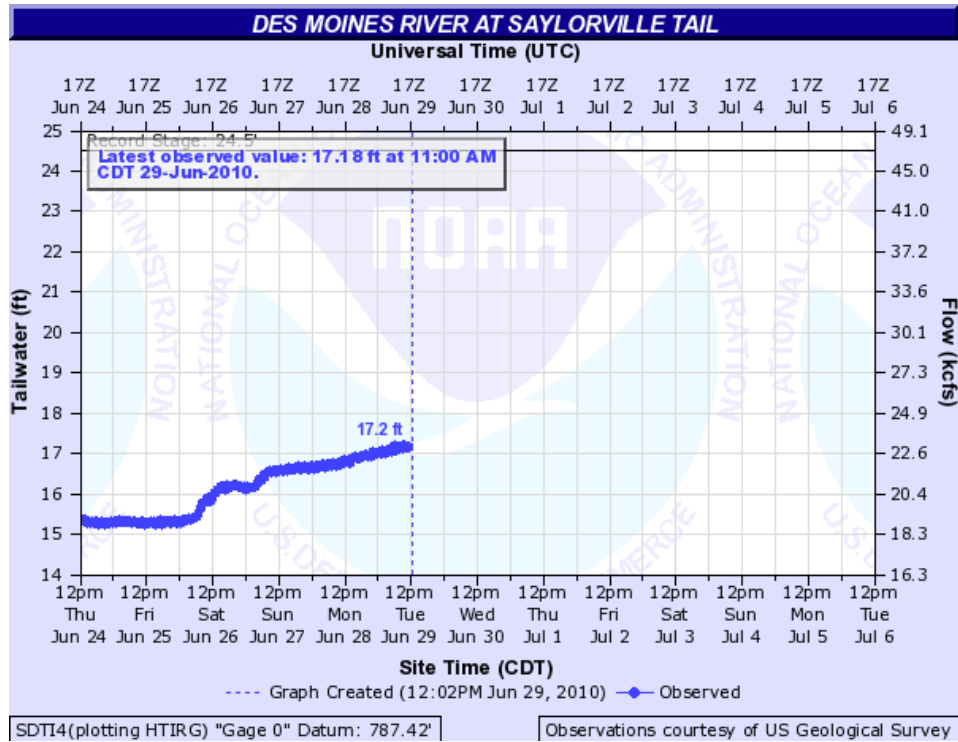
**Hydrological Forecast Details:**

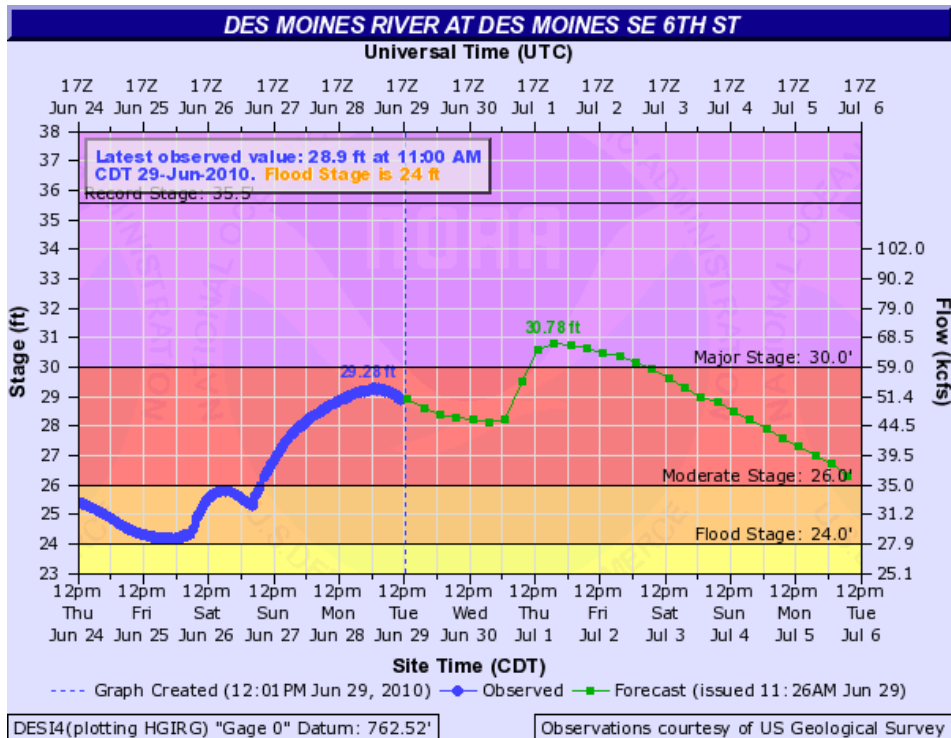
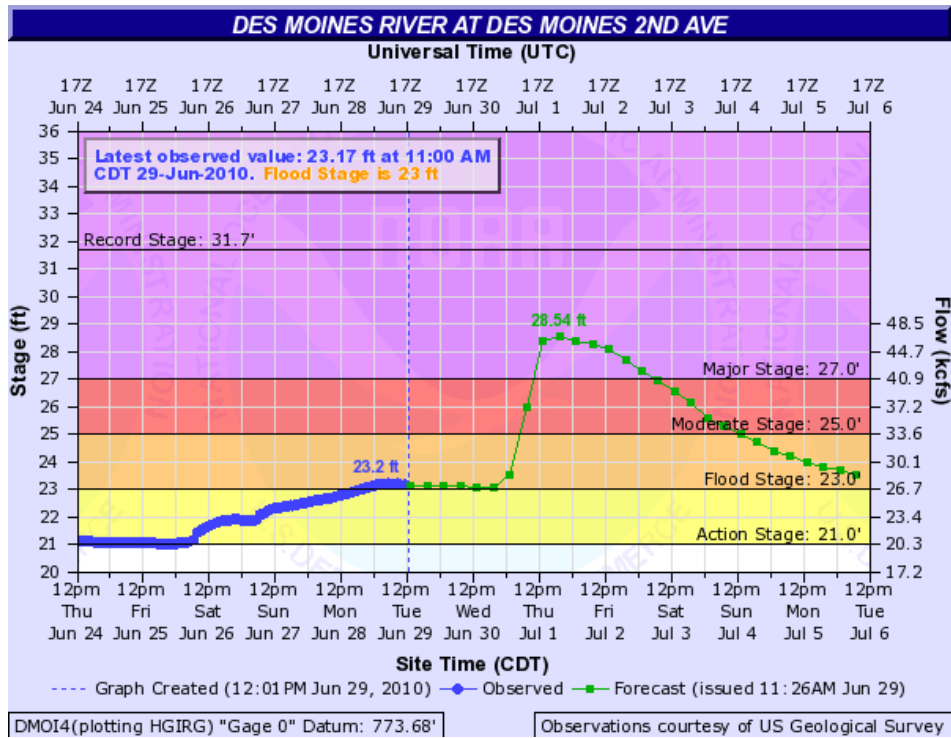
<http://www2.mvr.usace.army.mil/WaterControl/Districts/MVR/Forecast/sayforecast.html>

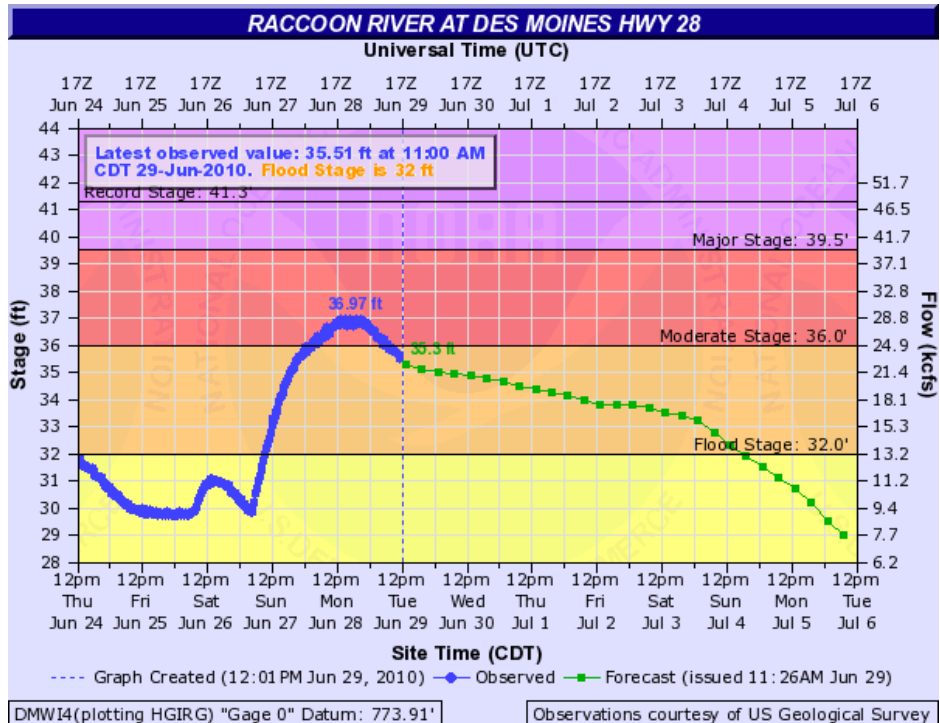
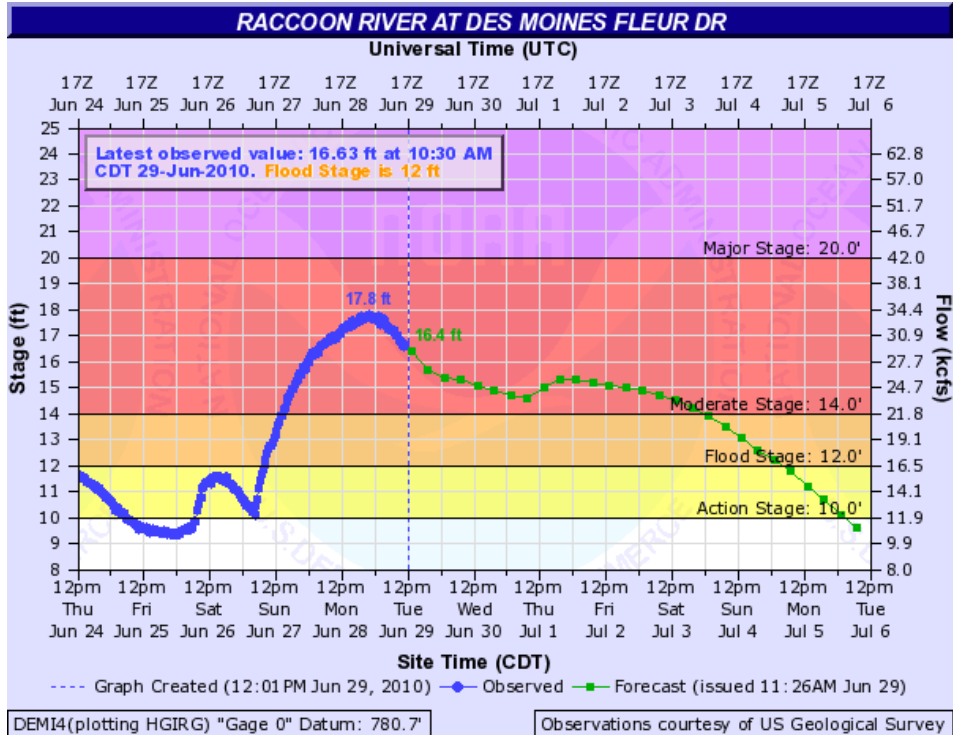


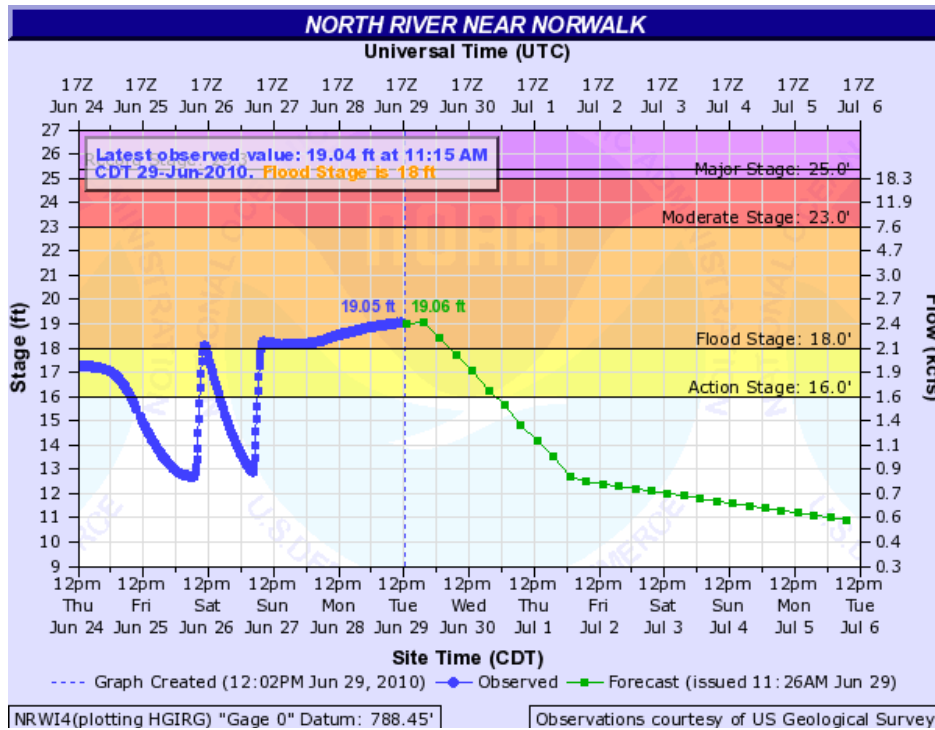
Hydrological Forecast Details: <http://water.weather.gov/ahps2/index.php?wfo=dmx>











**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”. A transition from level 2 to level 3 is anticipated on 6/29 with a full level 3 on 6/30. 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	<b>Monitoring</b>	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	<b>Limited</b>	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	<b>Partial</b>	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	<b>Full</b>	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	<b>Advanced</b>	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)

**Governor’s Proclamation**

Proclamation issued 6/28. [http://www.governor.iowa.gov/index.php/press\\_releases/single/681](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]

<b>Residential</b>	<b>Minor</b>	None
	<b>Major</b>	None
	<b>Destroyed</b>	None
<b>Commercial</b>	<b>Minor</b>	None
	<b>Major</b>	None
	<b>Destroyed</b>	None
<b>Infrastructure</b>	<b>Minor</b>	None
	<b>Major</b>	None
	<b>Destroyed</b>	None
<b>Agriculture</b>	<b>Minor</b>	None
	<b>Major</b>	None
	<b>Destroyed</b>	None
<b>Debris Management</b>		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 93<sup>rd</sup> 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 22<sup>nd</sup> Street to SE 38<sup>th</sup> Court.
- NW Beaver Drive South of Johnston Drive in Johnston
- Johnston Drive from Merle Hay Road to Beaver Drive in Johnston
- South Pleasant Hill Boulevard between Parkridge and Vandalia in Pleasant Hill

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

- 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 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.)

- 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.iowahomelandsecurity.org/Documents/Application Documents\\_18771880.xls](http://www.iowahomelandsecurity.org/Documents/Application Documents_18771880.xls)
- Review and confirmation of evacuation and shelter support strategy took place 6/28

**ESF #7: Resource Support** (support not necessarily mentioned in other ESFs)

- 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.)

- 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 facility mechanical 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)

- 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 6/29.
- 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 Drive 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

**ESF #12: Energy**

- Discussions with MidAmerican Energy ongoing
- MidAmerican Energy has prepositioned resources for sandbagging operations
- Prepared for 31 feet on the SE 6<sup>th</sup> gauge before any additional resources needed

**ESF #13: Law Enforcement and Security**

- 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.
- Guidance on eligible expenses will be issued with the 6/28 Situation Report.
- 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**

- 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
<b>Local Mutual Aid</b>	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
<b>IMAC</b>	None		
<b>State Resource</b>	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
	USACE	Referred	Request for law enforcement for 24hr traffic control at the spillway. Referred to Iowa State Patrol due to local staffing.
<b>Federal Resource</b>	DSM PW	Deployed	4 – 8” trash pumps for bypass pumping provided by Corps of Engineers
<b>Private Sector Provision</b>	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
<b>Other</b>	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 6/30/10 at 1300 hours
- 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