

# SITUATION REPORT



**For Additional Information Contact:**

**A.J. Mumm, Director**

Polk County EMA

515-286-2107

[Aj.mumm@polkcountyiowa.gov](mailto:Aj.mumm@polkcountyiowa.gov)

**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

**Incident:** Memorial Day 2013 **Situation Report: 2**

**Operational Period:** 05/29/2013 07:01 - 05/30/2013 07:00 **Situation Report As Of:** 05/29/2013 19:08

*Section 1: Situation Description*

**Key Points:**

Wednesday night-Thursday night:

There is (a lot) more rain forecast:

Now – Thursday PM: 1” to 3” of rainfall across Polk County... some locations may get upwards of 5” of rain. There are numerous storm systems that will continue to produce heavy rain over the same path.

There are numerous watches for Polk County that include the following: Severe Thunderstorm Warning, Flash Flood Warning and a Flood Warning

Flash Flooding: Rapid rises in streams and creeks, fast moving water over roads, danger of being swept away.

Severe Weather: Isolated thunderstorm, wind and tornado damage. Large damaging hail is likely

River Flooding: Significant river flooding is possible.

- Many locations across Iowa have received 6” – 8” since Friday, and a lot of them are not able to take on much more rain.
- Primary Threat: Flash Flooding and Flooding will remain the primary threats over the next few days, as several more inches of rain are expected to fall.
- Secondary Threat: Severe weather is also possible on Thursday.
- Many locations across Iowa are starting to reach a “tipping point” regarding how much more water they can handle:
  - Flooding and flash flooding occurred over many counties across Iowa, no reports in Des Moines metro area (yet)
- There is (a lot) more rain forecast:
  - Now – Wednesday PM: Widespread 1” to 3” of rainfall across our most of Iowa... some locations may get upwards of 3” to 4” of rain
- There is a Severe Weather threat, with hail, damaging winds, and a tornado possible:  
 Thursday: Central Iowa

*Section 2: Forecast*

**Five Day Forecast: Iowa - Polk**

| Thursday  | Friday  | Saturday  | Sunday   | Monday  |
|---|---|---|--|---|
|  |  |  |  |  |
| Definitely<br>Thunderstorms   | Likely<br>Thunderstorms   | Clear   | Clear  | Chance of<br>Thunderstorms  |
| 75 F / 23 C<br>61 F / 16 C  | 78 F / 25 C<br>58 F / 14 C  | 71 F / 21 C<br>52 F / 11 C  | 66 F / 18 C<br>51 F / 10 C   | 70 F / 21 C<br>55 F / 12 C  |

**Wednesday Afternoon** Showers and thunderstorms, mainly before 3pm. Some of the storms could

produce heavy rain. High near 79. Breezy, with a south wind around 17 mph, with gusts as high as 25 mph. Chance of precipitation is 80%. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.

**Wednesday Night** Showers and thunderstorms. Some of the storms could produce heavy rain. Low around 66. Breezy, with a south wind 14 to 17 mph, with gusts as high as 25 mph. Chance of precipitation is 80%. New rainfall amounts between a quarter and half of an inch possible.

**Thursday** Showers and thunderstorms. Some of the storms could produce heavy rain. High near 75. Windy, with a south wind 17 to 21 mph, with gusts as high as 26 mph. Chance of precipitation is 80%. New rainfall amounts between three quarters and one inch possible.

**Thursday Night** Showers and thunderstorms likely, mainly before 1am. Cloudy, with a low around 63. Breezy, with a south wind 10 to 20 mph, with gusts as high as 25 mph. Chance of precipitation is 70%. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.

**Friday** Showers and thunderstorms likely, mainly after 1pm. Mostly cloudy, with a high near 78. South southwest wind around 11 mph. Chance of precipitation is 60%. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.

**Friday Night** A 40 percent chance of showers and thunderstorms. Mostly cloudy, with a low around 60. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.

**Saturday** A 20 percent chance of showers and thunderstorms. Mostly sunny, with a high near 73.

**Saturday Night** Mostly cloudy, with a low around 54.

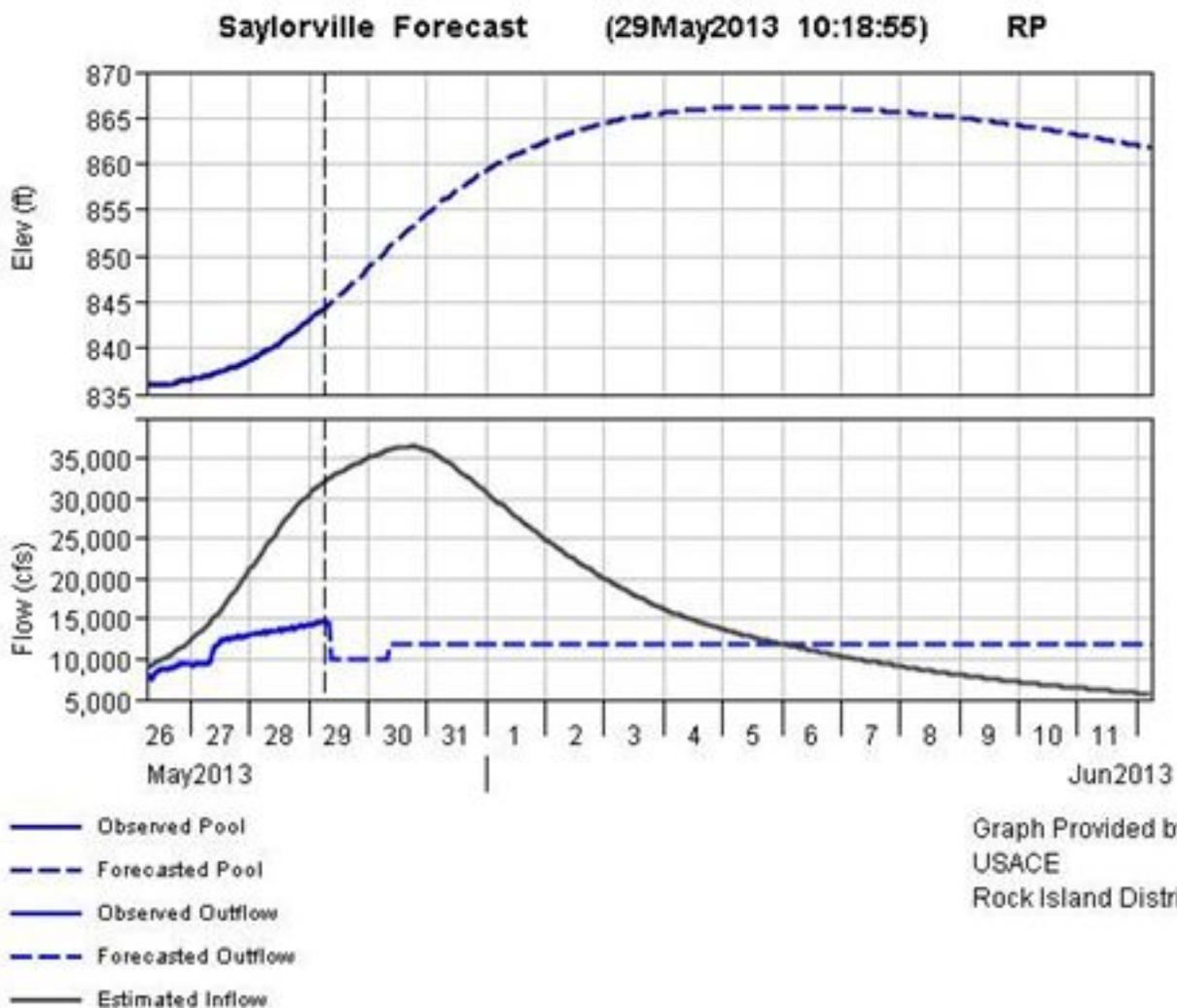
**Sunday** Partly sunny, with a high near 67.

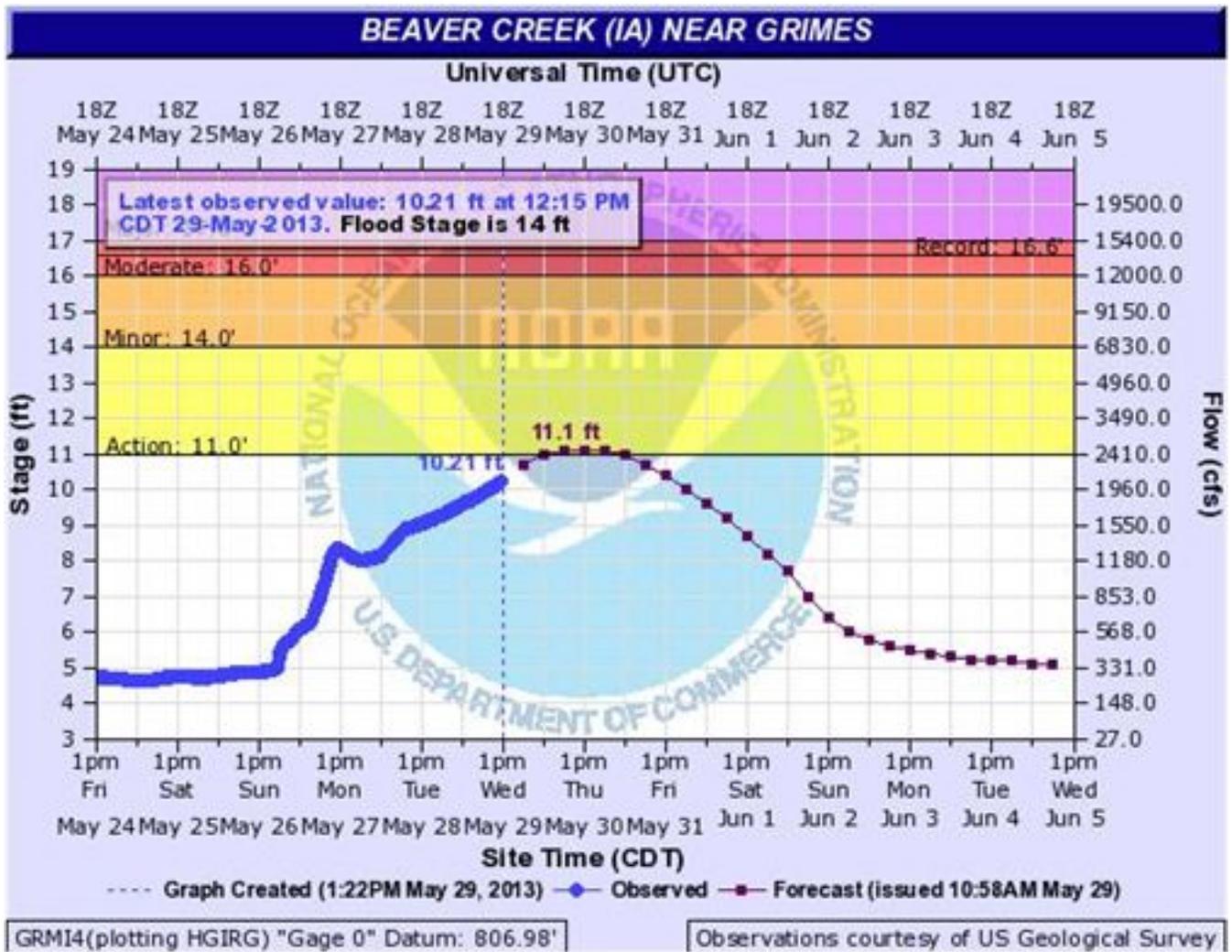
**Sunday Night** Partly cloudy, with a low around 52.

**Monday** Mostly sunny, with a high near 72.

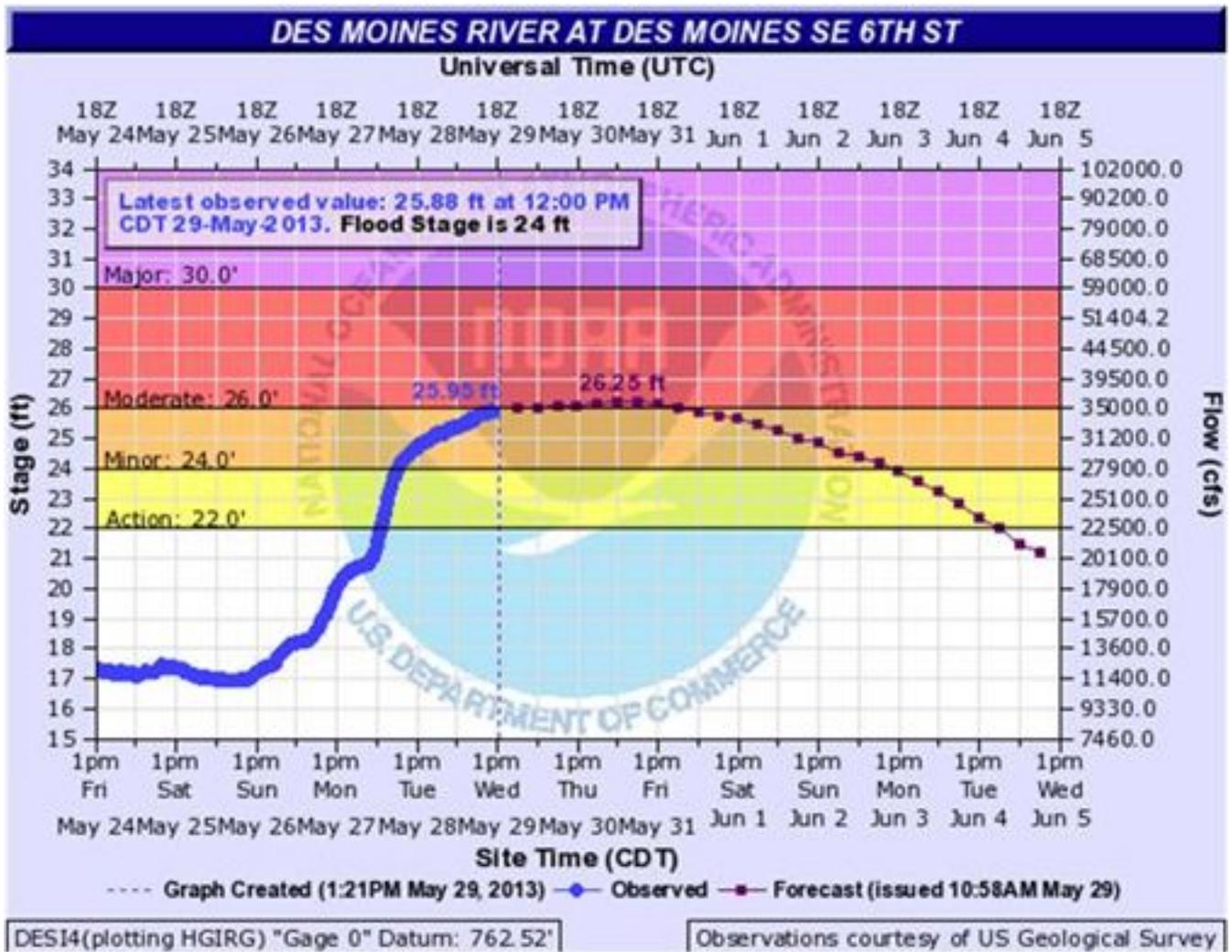
**Monday Night** Partly cloudy, with a low around 57.

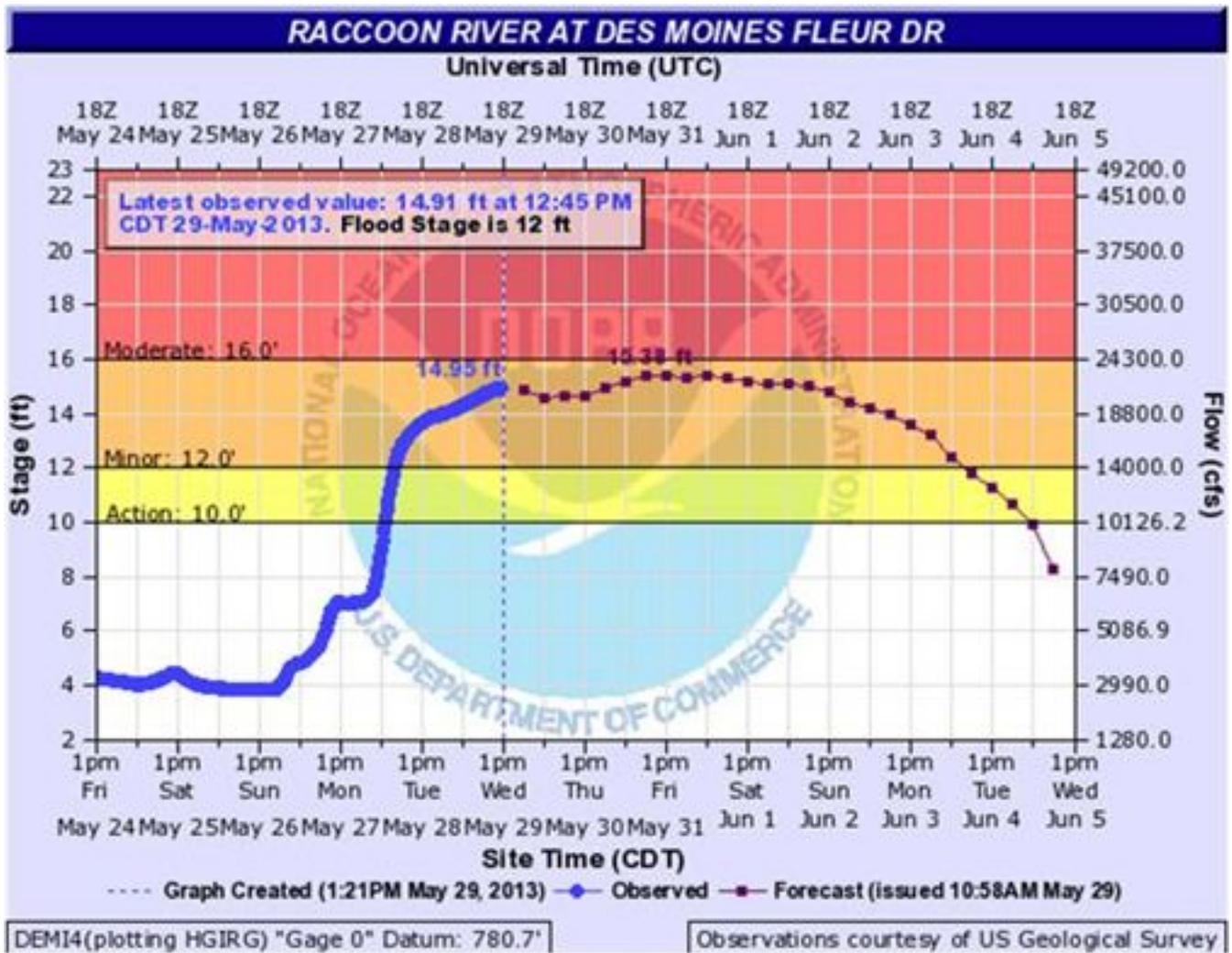
**Tuesday** A 30 percent chance of showers and thunderstorms. Partly sunny, with a high near 75.













## Section 3: Operational Focus Areas

### Priorities

Priority 1. Obtain and maintain situational awareness

Priority 2. Achieve effective area command

Priority 3. Support jurisdictional incident commands

Priority 4. Coordinate county-wide preparedness, response and recovery thru creation of a common operating picture.

Priority 5. Collaborative Joint Information Center/System created.

Priority 6. Severe weather and flash flood readiness - Beaver, Walnut, Four Mile.

### Objectives

- Monitor river stages and forecasts every 6 hours. (Priorities 1, 4, 6)
- EOC initial briefing by 1500 hrs 05/28/13. (Priorities 1, 2, 3, 4, 5, 6)
- Area command structure and staffing pattern established by 1500 hrs 05/28/13. (Priority 2)
- Continuously share damage assessment information. (Priorities 1, 4)
- Provide incident action plans as needed. (Priorities 1, 2, 3, 4, 5, 6)
- Conduct a resource needs assessment by 1500 hrs 05/28/13 and describe single point ordering process. (Priorities, 1, 3, 4)
- Provide situational reports daily by 1600 hrs daily. (Priorities 1, 2, 3, 4, 5, 6)
- Establish JIC/Briefing schedule by 1500 hrs 05/28/13. (Priority 5)
- Activate EOC and staff according to support needed by 0700 hrs 05/28/13. (Priorities 1, 4)
- Make jurisdictions aware of evacuation process detailed in ESF #9. (Priorities 2, 3, 4, 6)

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## Section 4: Activation and Staffing Level

Current activation level is a 3 of 5 – “Partial” and expected to remain at that level through Thursday, May 30.

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 |  |
|------------------|---------------------------|--|
| 5                | 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.                        |
| 4                | 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. |

|          |                 |   |
|----------|-----------------|---|
| <b>3</b> | <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.                          |
| <b>2</b> | <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. |
| <b>1</b> | <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.                                       |

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*Section 5: Proclamations and Declarations*

**Local Emergency Proclamation:**

None at this time.

**Governor's Proclamation:**

None at this time.

**Presidential Disaster Declaration:**

None at this time.

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*Section 6: Damage Assessment*

**Residential Damages**

No information available at this time.

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**ESF #1: Transportation**

*Section 7: Emergency Support Function (ESF) Status*

Surface Road Closures:

George Flagg Parkway, from SW 30th to Park Avenue in Des Moines.

SW 30th from Bell Ave to George Flagg Parkway in Des Moines

Airports.

Operating normally.

Rail:

Operating normally.

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**ESF #2: Communications**

*Section 7: Emergency Support Function (ESF) Status*

MICRN briefings and web based briefings occurring with the National Weather Service on a regular basis.

Communicating with the Army Core of Engineers on a regular basis.

Communicating with metro businesses via radio system as necessary.

CodeRED Emergency Notification System will be used for alerting citizens of evacuations should they

become necessary. Any activation for flood related notifications needs to be coordinated with the Polk County EOC.

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### **ESF #3: Public Works and Engineering**

#### *Section 7: Emergency Support Function (ESF) Status*

Pleasant Hill has reported water going over the banks of Fourmile Creek at Vandalia Road.

The U.S. Army Corps of Engineers are working with the City of Des Moines for a deviation of their flow plan. U.S. Army Corps of Engineers is expected to gradually increase the outflow at Saylorville reservoir from the current 12,000 cfs to 20,000 cfs.

The USACE will exercise the pneumatic crest gates within the next week.

Polk City currently has two of three pumps operational at the barrier dam. Temporary pumps are available and en route from the Army Corps of Engineers. Sandbagging operations may be needed to protect the lagoons at the sewage treatment plant.

The USACE are monitoring Lake Red Rock and will be balancing the flows to maximize storage while minimizing potential damage to surrounding land.

Bondurant is currently carrying out culvert clean outs.

Grimes is still doing vegetative debris clean up.

Johnston have checked the Beaver Creek flap gates and they are operational.

West Des Moines has construction on Grand Ave at 63rd Street. One of their flood gates is inoperable due to the construction. Corel Construction has a contingency plan in place to build a earthen closure. Windsor Heights requested notification of the closures of the flood gates in West Des Moines.

Des Moines Water Works will close the gates to their water treatment plant tomorrow afternoon.

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### **ESF #4: Firefighting**

#### *Section 7: Emergency Support Function (ESF) Status*

This Agency has nothing new to report for this Reporting Period.

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### **ESF #5: Emergency Management**

#### *Section 7: Emergency Support Function (ESF) Status*

EOC activation level currently at 3 - partial.

Conducted multi-jurisdictional briefing and established Area Command structure.

Producing situation reports as needed.

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### **ESF #6: Mass Care, Housing, Human Services**

#### *Section 7: Emergency Support Function (ESF) Status*

The Mass Care & Sheltering Plan is available in DLAN. Jurisdictions are encouraged to review the plan.

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## **ESF #7: Resource Support**

### *Section 7: Emergency Support Function (ESF) Status*

Mutual aid agreements and Iowa Mutual Aid Compact (IMAC) available.  
Information sharing with Safeguard Iowa Partnership.

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## **ESF #8: Public Health and Medical Services**

### *Section 7: Emergency Support Function (ESF) Status*

This Agency has nothing new to report for this Reporting Period.

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## **ESF #9: Search and Rescue**

### *Section 7: Emergency Support Function (ESF) Status*

The Search and Rescue and Evacuation Plan is available in DLAN. Jurisdictions are encouraged to review the plan.

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## **ESF #10: Hazardous Materials**

### *Section 7: Emergency Support Function (ESF) Status*

This Agency has nothing new to report for this Reporting Period.

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## **ESF #11: Agriculture, Natural Resources, and Pets**

### *Section 7: Emergency Support Function (ESF) Status*

- Animal Rescue League of Iowa is prepared to support the sheltering plan
- Ensured operational readiness of the Emergency Animal Shelter Support trailer

### **Park and Trail Closings:**

- Greys Lake is closed
  - Regional Trail from Johnston Drive to Crown Point
  - Foxboro Trail from Foxboro Drive to Lew Clarkson Park
  - BeaverCreek Natural Resource Trails (all)
  - Augustine Trail from Augustine Court to 62<sup>nd</sup>
  - Beaver Trail: Crown Point to Johnston Drive
  - Yellow Banks and Jester Park boat ramps closed
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## **ESF #12: Energy**

### *Section 7: Emergency Support Function (ESF) Status*

13 customers in Polk County have power outages reported as of 16:00 05/29/13

Magellan Pipeline is running additional bulk fuel truck transports unrelated to the flooding operations.

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

### *Section 7: Emergency Support Function (ESF) Status*

This Agency has nothing new to report for this Reporting Period.

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## **ESF #14: Mitigation and Recovery**

### *Section 7: Emergency Support Function (ESF) Status*

This Agency has nothing new to report for this Reporting Period.

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## **ESF #15: Public Information**

### *Section 7: Emergency Support Function (ESF) Status*

There was an initial EOC Briefing that was conducted this afternoon (Tuesday, May 28th) at 1500 hours at the Polk County EOC, 1907 Carpenter Ave., Des Moines.

Joint Information Center protocols established 1700 5/28/13.

Media Interactions: Polk County Emergency Management Director interviewed by the Des Moines Register.

Press conferences, Flash Reports, Situation Reports, Facebook and Twitter updates being used for public information as needed.

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*Section 8: Requests for Additional Resources*

| <b>Form</b>                         | <b>Status</b>                   | <b>Detail</b>  |
|-------------------------------------|---------------------------------|----------------|
| <b>Local Mutual Aid</b>             | Unknown<br>None or<br>Requested | none requested |
| <b>IMAC</b>                         | Unknown<br>None or<br>Requested | none requested |
| <b>State Resources</b>              | Unknown<br>None or<br>Requested | none requested |
| <b>Federal Resources</b>            | Unknown<br>None or<br>Requested | none requested |
| <b>Private Sector<br/>Provision</b> | Unknown<br>None or<br>Requested | none requested |
| <b>Other</b>                        | Unknown<br>None or<br>Requested | none requested |

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*Section 9: Other Relevant Information*