

# **Situation Report (SIT-REP) Version: 1**

**Incident Name: Summer 2018 Flooding**

**Report Date: 27 June 2018**

**Report Time: 1100 Hours**



**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**

## SECTION 1: SITUATION DESCRIPTION

River Flood Warnings continue for parts of the Des Moines and Raccoon Rivers.

Strong to perhaps severe thunderstorms with heavy rainfall possible later Saturday into early Sunday. This rainfall could prolong current flooding or may cause new river points to go into flood stage

Heat and humidity builds late this week into first part of the weekend with heat index values between 95 and 105.

## SECTION 2: FORECAST

**Today:** Mostly sunny, with a high near 86. Light and variable wind becoming north around 5 mph in the afternoon.

**Tonight:** Mostly clear, with a low around 68. South southwest wind around 6 mph becoming calm.

**Thursday:** Mostly sunny, with a high near 88. Southeast wind 5 to 10 mph.

**Thursday Night:** Partly cloudy, with a low around 74. Southeast wind 9 to 11 mph.

**Friday:** Sunny and hot, with a high near 97. Breezy, with a south wind 9 to 17 mph, with gusts as high as 28 mph.

**Friday Night:** Mostly clear, with a low around 75.

**Saturday:** A 40 percent chance of showers and thunderstorms after 1pm. Mostly sunny, with a high near 91.

**Saturday Night:** Showers and thunderstorms likely, mainly before 1am. Mostly cloudy, with a low around 69. Chance of precipitation is 70%.

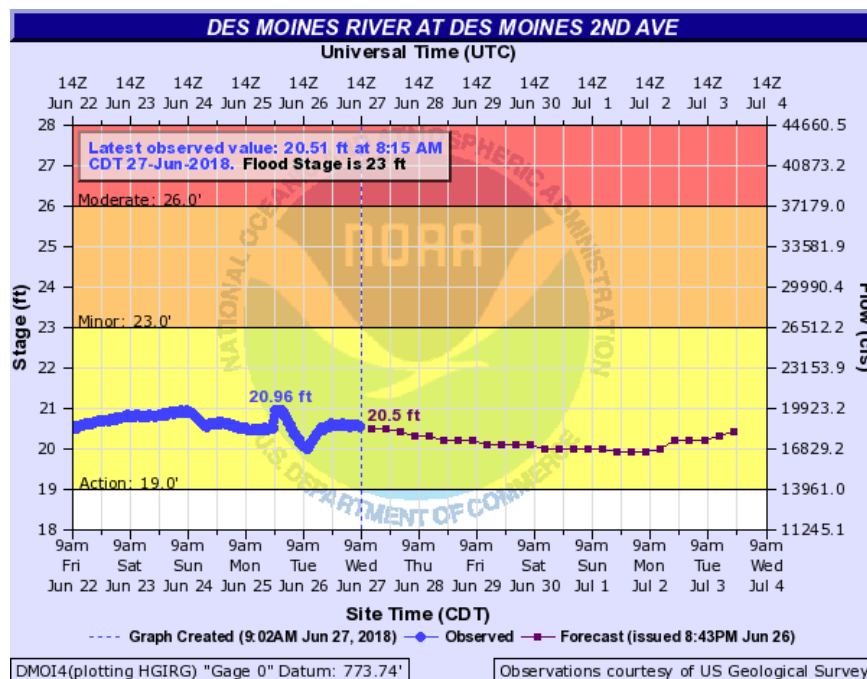
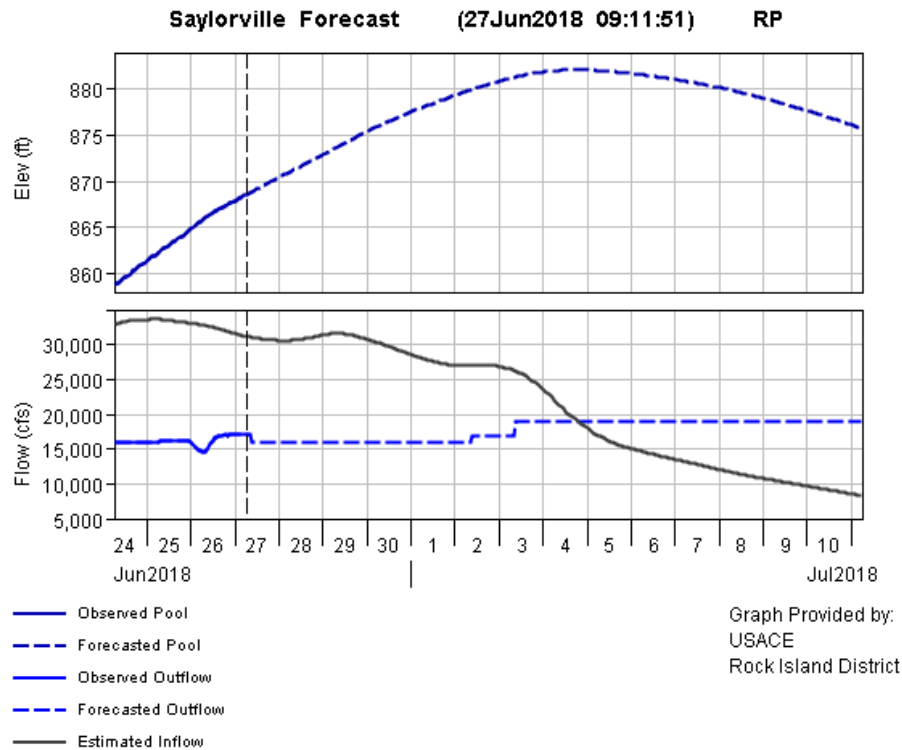
**Sunday:** Mostly sunny, with a high near 84.

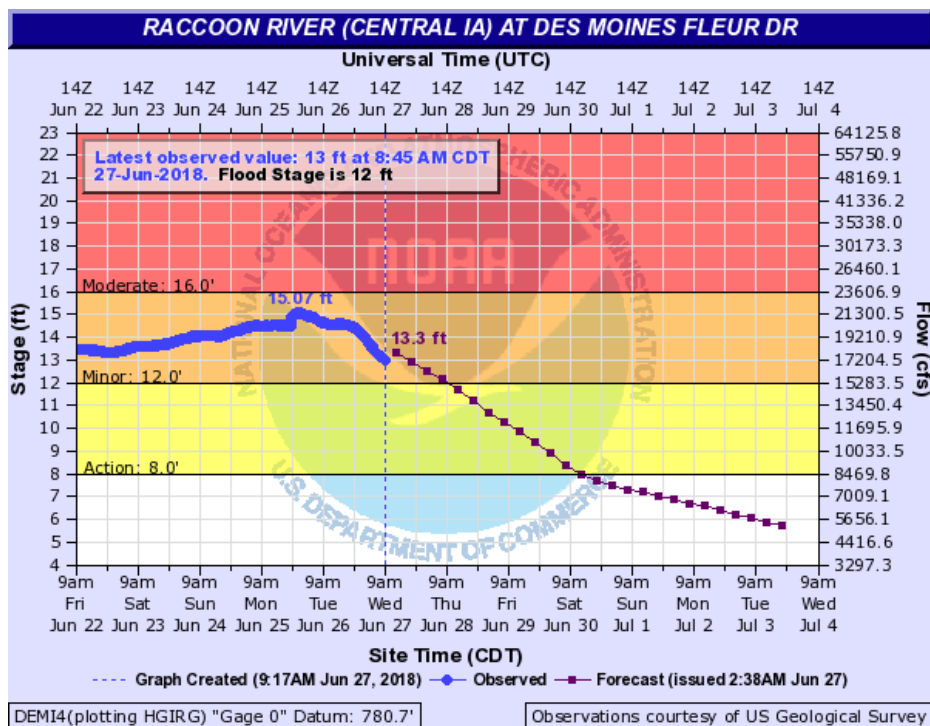
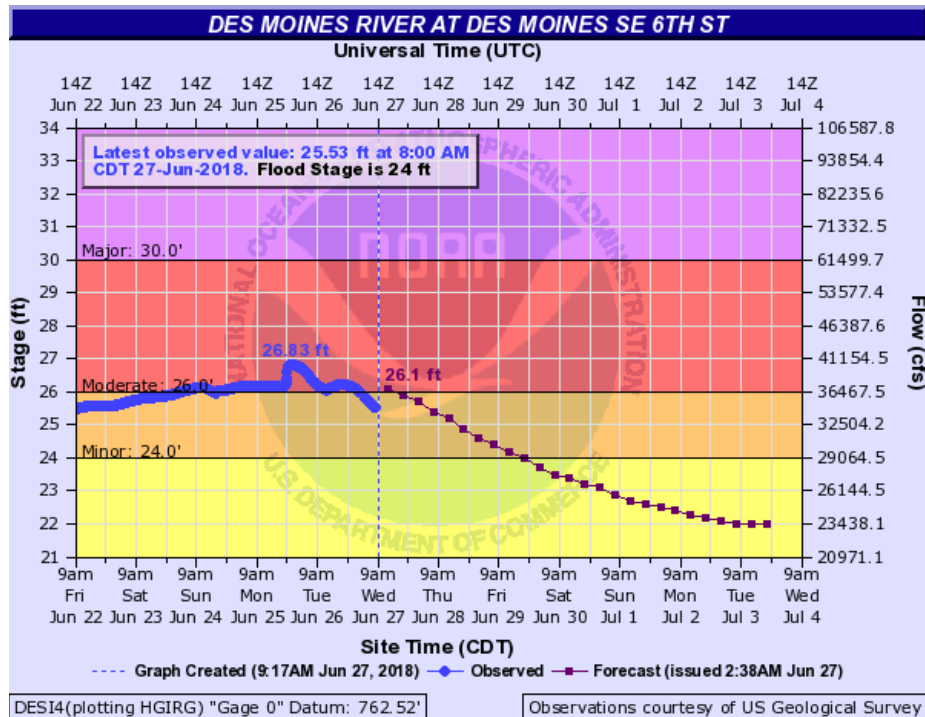
**Sunday Night:** Partly cloudy, with a low around 67.

**Monday:** Mostly sunny, with a high near 86.

**Monday Night:** A 30 percent chance of showers and thunderstorms. Partly cloudy, with a low around 69.

**Tuesday:** A 40 percent chance of showers and thunderstorms. Mostly sunny, with a high near 86.





Local Forecast Details: <http://www.crh.noaa.gov/dmx/>

Hydrological Forecast Details: <http://www.crh.noaa.gov/ahps2/index.php?wfo=dmx>

**SECTION 3: OPERATIONAL FOCUS AREAS**

1. Situational State/Situational Analysis
2. Determine Priority of Incident(s)
3. Acquire/Allocate Critical Resources
4. Crisis Information Management
5. Develop/Advise/Support Policy-Level Decisions
6. Coordinate with Elected/Appointed Officials
7. Coordination with County, State, Federal, Private, and Non-Governmental Components

**SECTION 4: ACTIVATION AND STAFFING LEVEL**

**Current activation level is a 4** (of 5) – “Limited” and expected to remain at a 4 through Friday 29JUL. Staff will continue to coordinate with local entities on individual basis and scheduled conference calls as needed.

Activation Level	Generalized Description of Activities	
5	<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
4	<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 office. 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 Base Plan concepts and select ESFs are implemented
2	<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
1	<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: None

Governor's Proclamation: None

Presidential Disaster Declaration: None

### SECTION 6: DAMAGE ASSESSMENT

<b>Residential</b>	Affected	Des Moines: 6
	Minor	Des Moines: 1
	Major	Des Moines: 3
	Destroyed	Information not available
<b>Commercial</b>	Minor	Information not available
	Major	Information not available
	Destroyed	Information not available
<b>Infrastructure</b>	Minor	Polk County: Minor damage thus far to granular roadways including debris on roadways or loss of rock surfacing
	Major	Information not available
	Destroyed	Information not available
<b>Agriculture</b>	Minor	Information not available
	Major	Information not available
	Destroyed	Information not available
<b>Debris Management</b>		Polk County: Surveying bridges and structures for debris deposits this week. Limited storm/wind damage debris

### 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.)

#### Des Moines Airport:

- Minor flash flooding occurred on 25JUN but no long term issues
- Infrastructure intact

#### Des Moines road closures:

- George Flagg Parkway from SW 26<sup>th</sup> to Park Avenue
- SW 30<sup>th</sup> from George Flagg Parkway to Bell Avenue

#### Polk County road closures:

- SE Vandalia Dr./SE 80 Ave. SW of Runnells due to Red Rock Reservoir elevation
- SE Stewart Dr. south of SE 56<sup>th</sup> Ave. due to flood waters of Mud Creek near Red Rock
- Temporary closure of roads due to flash flooding, mainly in Franklin, Beaver, Fourmile, and Camp Townships

#### Countywide:

Numerous trails closed. Please refer to local jurisdiction websites for full detail

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

- Nothing to report

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

**Saylorville Reservoir**

- Current Saylorville Reservoir Pool: 868.82 feet
- Current inflows to Saylorville Reservoir: 33,000cfs
- Current outflows from Saylorville Reservoir: 16,000cfs
- Saylorville Reservoir Forecast (27JUN 0911hrs) Crest of 882.13 feet on 04JUL
- Pneumatic crest gates have been tested previously and will be again on or around 29JUN
- The following elevations are provided for reference:
  - 836 feet – Conservation Pool
  - 884 feet – Top of the concrete spillway
  - 890 feet – Top of pneumatic crest gates (889 crest gates need to be lowered)
- Additional information about current Saylorville Reservoir levels and forecasts may be obtained from [www.rivergages.com](http://www.rivergages.com)

**City of Bondurant**

- Sandbagging operations occurred in the area of Aspen Drive NE and Lincoln Street NE to stop farm field runoff from entering homes
- Pumps deployed to water retention areas

**City of Des Moines:**

- Widespread street flooding has occurred. All barricades placed for street flooding have been picked up
- Numerous manhole lids blew off and were reset.
- Numerous sewer backups due to surcharging of the sewer collection system. Sewer surcharge has gone down
- All sanitary and storm water pump stations are functioning normally and all storm water basins are being drained as conditions allow

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

- Nothing to report

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

- Flash Reports were issued on 20 JUN, 21JUN, 25JUN
- Situation Report issued 27JUN. Will not be updated unless additional rainfall occurs. Updates of Saylorville Reservoir forecast will be issued via Flash Report as necessary

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

- 0 Shelters / 0 occupants
- Regular communications occurring with the Polk County Health Department, Polk County Community Family Youth Services, Red Cross and other ESF #6 partners

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

- Salvation Army reports availability of 90 flood clean up kits in Des Moines with ability to bring in more from other areas if needed

**ESF #8: Public Health and Medical Services** (EMS; hospitals, healthcare facilities; mental health, etc.)

<b>Injuries</b>	1	Des Moines	Unconfirmed report. Severed tendon due to broken window
<b>Fatalities</b>	0		

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

- Joppa and Primary Health Care has been requested to communicate flooding concerns to homeless camps along the Des Moines River
- No evacuations have occurred

**ESF #10: Hazardous Materials**

- Nothing to report

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

- Animal Rescue League reporting normal operations
- The access road SE 14<sup>th</sup> Ct between Hartford Ave and Granger Ave (Animal Control Center) closed due to water over the road
- Monitoring sewage and drainage systems for possible backflow into Animal Control Center

**ESF #12: Energy**

- Nothing to report

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

- Nothing to report

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

- Begin tracking costs associated with Category B – Emergency Protective Measures (Actions taken before, during, and after to save and protect lives, public health and safety, or to eliminate threat of significant damage). Examples of Category B Work includes:
  - Search and Rescue
  - Security Forces
  - Sandbagging
  - Emergency Repairs
  - Warning Devices (barricades & signs)
  - Construction of Temporary Levees
  - Shelters or Emergency Care
  - Bracing/Shoring Damaged Structures
  - Food, Water, Ice and other Essential Needs
  - Removal of Health/Safety Hazards
  - Emergency Demolition

**ESF #15: Public Information**

- Reports that businesses along Beaver Drive/Johnston Drive (City of Johnston) are being told to prepare to evacuate are FALSE. The only activity that is occurring is the City of Johnston is seeking updated 24/7 contact information for business owners in the area.



**SECTION 8: REQUESTS FOR ADDITIONAL RESOURCES**

<b>Form</b>	<b>Status</b>	<b>Detail</b>
<b>Local Mutual Aid</b>	Complete	Polk County Public Works provided 2 truckloads of sand to City of Bondurant for sandbagging operations. City of Des Moines provided Flood Systems Engineer for technical assistance to the City of Bondurant
<b>IMAC</b>	None	
<b>State Resources</b>	None	
<b>Federal Resources</b>	None	
<b>Private Sector Provision</b>	None	
<b>Non-Governmental Organizations</b>	Complete	10 flood clean up kits from Salvation Army deployed to Bondurant 17 flood clean up kits from Red Cross deployed to Des Moines Red Cross provided financial assistance to 4 homes
<b>Other/Donations</b>	None	

**SECTION 9: OTHER RELEVANT INFORMATION**

- Situation Report issued 27JUN. Will not be updated unless additional rainfall occurs. Updates of Saylorville Reservoir forecast will be issued via Flash Report as necessary