

Situation Report (SIT-REP) Version: 2

Incident Name: Summer 2018 Flooding

Report Date: 28 June 2018

Report Time: 1130 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

Information updated from the last report highlighted in green**SECTION 1: SITUATION DESCRIPTION**

River Flood Warning continue for parts of the Des Moines River.

River Flood Warnings cancelled along Raccoon River.

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. River flooding into next week, flash flooding late Saturday 1 to 2 inch rainfalls possible over part of northern and central Iowa Saturday.

Heat Advisory today for parts of central Iowa and area wide Friday

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: Showers and thunderstorms likely between noon and 2pm. Some storms could be severe, with large hail and damaging winds. Mostly sunny, with a high near 92. Heat index values as high as 106. Southeast wind around 9 mph. Chance of precipitation is 60%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.

Tonight: Partly cloudy, with a low around 75. Southeast wind around 10 mph.

Friday: Sunny and hot, with a high near 99. Heat index values as high as 109. Breezy, with a south wind 9 to 17 mph, with gusts as high as 26 mph.

Friday Night: Mostly clear, with a low around 75. South wind 10 to 14 mph, with gusts as high as 23 mph.

Saturday: A 30 percent chance of showers and thunderstorms after 1pm. Mostly sunny, with a high near 92. South southwest wind 9 to 15 mph, with gusts as high as 25 mph. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.

Saturday Night: Showers and thunderstorms likely. Mostly cloudy, with a low around 69. Chance of precipitation is 70%. New rainfall amounts between three quarters and one inch possible.

Sunday: Mostly sunny, with a high near 84.

Sunday Night: Mostly clear, with a low around 66.

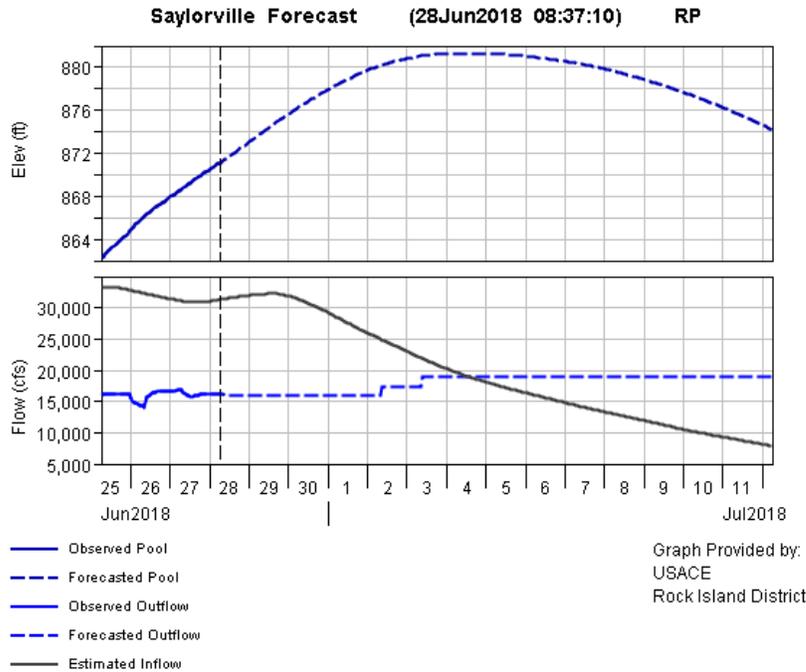
Monday: Mostly sunny, with a high near 87.

Monday Night: A 30 percent chance of showers and thunderstorms after 1am. Partly cloudy, with a low around 70.

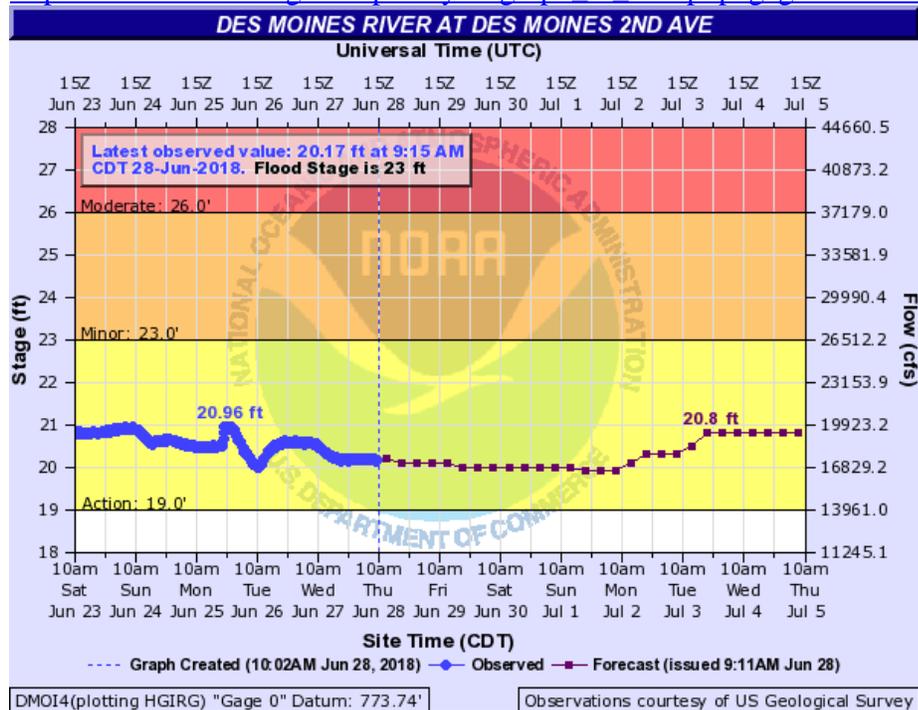
Tuesday: Mostly sunny, with a high near 90.

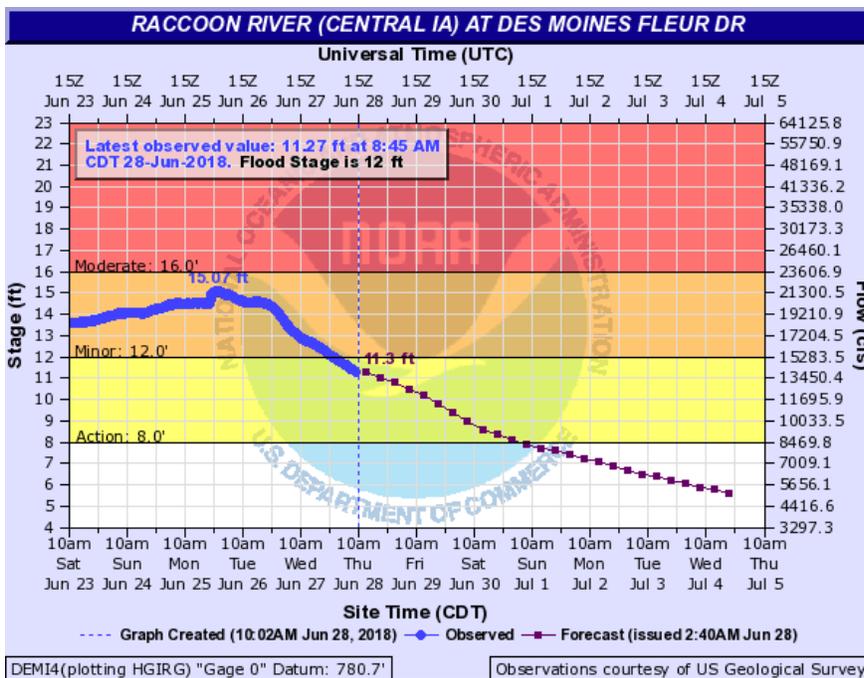
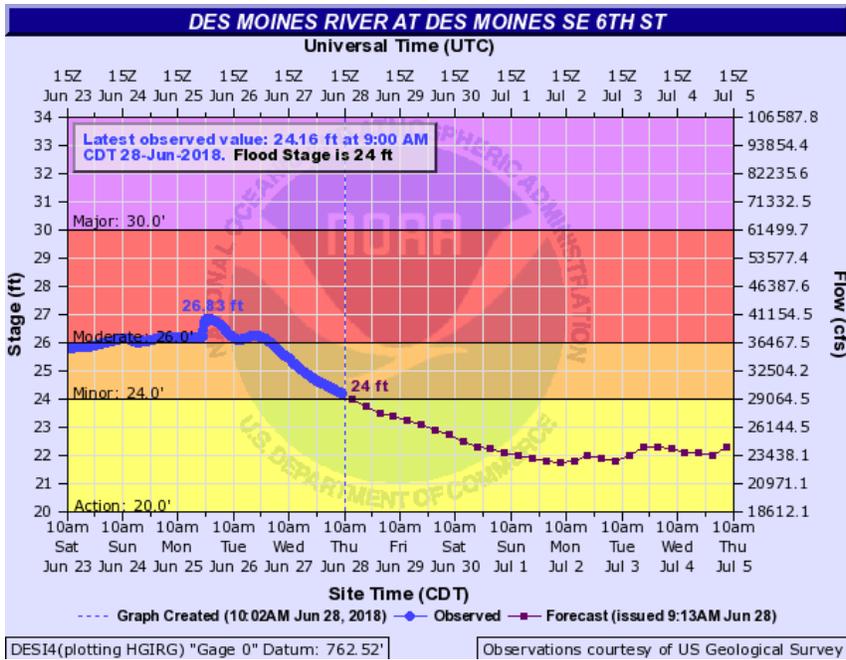
Tuesday Night: Mostly clear, with a low around 72.

Independence Day: Mostly sunny, with a high near 90.



https://water.weather.gov/ahps2/hydrograph_to_xml.php?gage=desi4&output=tabular





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 **Monday 02JUL**. Staff will continue to coordinate with local entities on individual basis and scheduled conference calls as needed.

Activation Level	Generalized 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 office. 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 Base Plan concepts and select ESFs are implemented
2	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
1	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: None

Governor’s Proclamation: None

Presidential Disaster Declaration: None

SECTION 6: DAMAGE ASSESSMENT

Residential	Affected	Bondurant: 1 Des Moines: 20
	Minor	Bondurant: 1 Des Moines: 1 Pleasant Hill: 2
	Major	Des Moines: 3
	Destroyed	Information not available
Commercial	Minor	2 Polk County owned buildings
	Major	Information not available
	Destroyed	Information not available
Infrastructure	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
Agriculture	Minor	Information not available
	Major	Information not available
	Destroyed	Information not available
Debris Management		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 26th to Park Avenue
- SW 30th from George Flagg Parkway to Bell Avenue
- The access road SE 14th Ct between Hartford Ave and Granger Ave (Animal Control Center) closed due to water over the road

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 56th 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

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: 871.23 feet
- Current inflow to Saylorville Reservoir: 31,000cfs
- Current outflow from Saylorville Reservoir: 16,000cfs
- Saylorville Reservoir Forecast (28JUN 0946hrs) Crest of 881.31 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

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
- Central Iowa Services and Shelter providing flood amnesty for homeless displaced by flooding
- Central Iowa Services and Shelter providing extreme heat amnesty for homeless
- Central Iowa Services and Shelter reports 5 occupants checked in under flood amnesty

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.)

Injuries	1	Des Moines	Unconfirmed report. Severed tendon due to broken window
Fatalities	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

Agriculture:

- Nothing to report

Natural Resources:

Due to recent heavy rainfall, the following trails, campgrounds, and areas within Polk County Conservation parks and trails have been closed or are currently affected

- Jester Park
 - Campground #3 and interior park boat ramp are closed due to flooding.
 - Campground #2
 - Campground #6
 - Campground #4 (lower half)
 - Shelter #4
 - Hickory Ridge Trail
 - Mile Long Bridge/Lincoln Access Boat Ramp
 - Equestrian Center public trails, guided trail rides & wagon rides
 - **Beginning on Monday, June 25th, park users will need to temporarily enter the park through the new entrance road near the intersection of NW 128th St. & NW 120th Ave. Follow temporary park signage. The front and back park entrance/exit will be closed indefinitely until the water recedes.
- Yellow Banks Park
 - Lower group sites are currently closed due to flooding.
 - Boat ramp
- Chichaqua Bottoms Greenbelt
 - Electric and Non-Electric Campgrounds
 - Canoe rentals are suspended until further notice
- Thomas Mitchell Park
 - Electric and Non-Electric Campgrounds
- Trestle to Trestle Trail @ Lower Beaver
- Numerous other trails closed. Please refer to local jurisdiction websites for full detail

Pets:

- Animal Rescue League reporting normal operations
- 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

Form	Status	Detail
Local Mutual Aid	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
IMAC	None	
State Resources	None	
Federal Resources	None	
Private Sector Provision	None	
Non-Governmental Organizations	Complete	10 flood clean up kits from Salvation Army deployed to Bondurant 30 flood clean up kits from Red Cross deployed to Des Moines Red Cross provided financial assistance to 4 homes
Other/Donations	None	

SECTION 9: OTHER RELEVANT INFORMATION

- Situation reports will be issued as needed to capture new or changing information. This may result in irregular issuance.
- Flash reports will supplement the Situation Report when significant information needs to be shared quickly