

Situation Report (SIT-REP)

Operational Period:

03 July 1200 - 04 July 1200

Incident Name: Summer 2018 Flooding

Report Date: 04 July 2018

Report Time: 1730 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 blue**SECTION 1: SITUATION DESCRIPTION**

- Excessive rainfall occurred on the evening of 30JUN causing extensive flash flooding countywide. Widespread rainfall of 3 to 8 inches.
- Flood Warning for Polk County through Sunday evening
- Flooding continues along Walnut Creek, Raccoon River, Four Mile Creek, Raccoon River and smaller creeks and streams

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

River Flood Warnings along Raccoon River.

Showers and thunderstorms are possible Wednesday and Thursday.

SECTION 2: FORECAST

This Afternoon: Sunny, with a high near 89. South southeast wind around 10 mph.

Tonight: Mostly clear, with a low around 72. Southeast wind 7 to 9 mph.

Independence Day: A 20 percent chance of **showers and thunderstorms** after 1pm. Mostly sunny, with a high near 90. Heat index values as high as 103. South wind 7 to 9 mph.

Wednesday Night: A 50 percent chance of **showers and thunderstorms** after 1am. Mostly cloudy, with a low around 72. South wind 5 to 7 mph becoming northwest after midnight. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.

Thursday: A 40 percent chance of **showers and thunderstorms**. Mostly cloudy, with a high near 85. North wind 5 to 9 mph. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.

Thursday Night: Partly cloudy, with a low around 63.

Friday: Sunny, with a high near 83.

Friday Night: Mostly clear, with a low around 61.

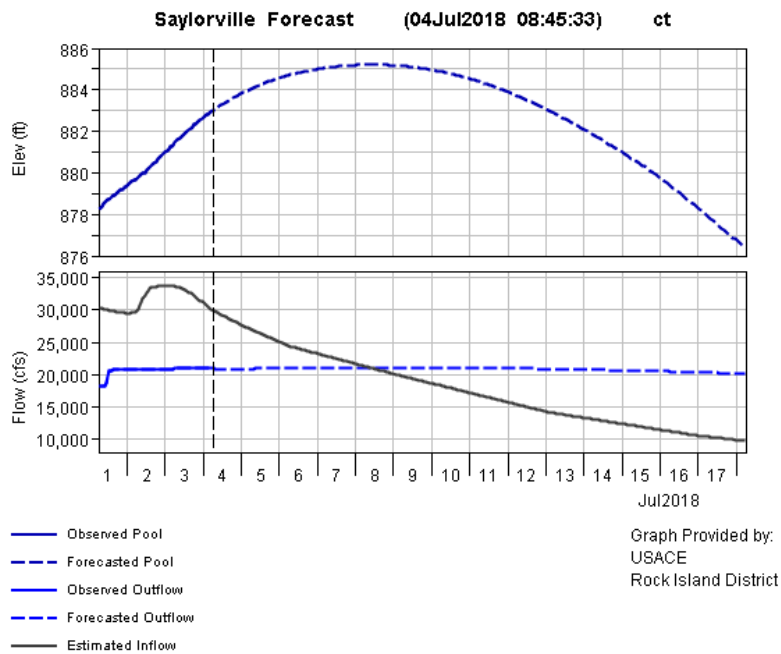
Saturday: Sunny, with a high near 81.

Saturday Night: Clear, with a low around 61.

Sunday: Sunny, with a high near 84.

Sunday Night: Clear, with a low around 65.

Monday: Sunny, with a high near 87.



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 3 (of 5) – “Partial” and expected to remain at a 3 through Wednesday 04JUL at a minimum. 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: Polk County requested 01JUL

Presidential Disaster Declaration: None

SECTION 6: DAMAGE ASSESSMENT

All structures known to be impacted by flooding are listed as affected. Once formal damage assessment is complete, they will be re-categorized to reflect the findings.

Residential	Affected	Altoona: 9 Ankeny: 60 Bondurant: 5 Clive: 181 Des Moines: 655 Elkhart: 2 Grimes: 3 Johnston: 7 Pleasant Hill: 138 Polk City: 3 Urbandale: 28 West Des Moines: 10 Windsor Heights: 93 Unincorporated Polk County: 5
	Minor	Bondurant: 1 Des Moines: 1 Pleasant Hill: 9 Windsor Heights: 63
	Major	Des Moines: 4 Windsor Heights: 4
	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:

- ~~Some ponding on taxiways, now resolved~~
- ~~Some taxiway lights and signs out. Possibly due to lightning strikes~~
- ~~Minor flash flooding occurred on 25JUN but no long term issues~~
- Infrastructure intact

Altoona:

- ~~8th Street and Adventureland Drive area closed~~

Ankeny:

- ~~Numerous streets flooded~~
- ~~Numerous cars stranded/abandoned on flooded streets~~

Bondurant:

- ~~Multiple roads impassible~~

Clive:

The City of Clive has reopened all streets to normal traffic including:

- 100th Street – Swanson to Lincoln
- 114th Street
- 86th Street
- University Avenue
- Swanson Boulevard – railroad tracks to 100th

Des Moines road closures:

- ~~3300 block of ML King impassible due to high water and abandoned vehicles~~
- Birdland Drive
- Saylor Road
- 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

Elkhart:

- ~~I35 closed at 96mm due to water over the road. Now reopened~~

Johnston:

- ~~I80 closed at Merle Hay closed due to water over the road. Now reopened~~

Pleasant Hill:

- US65 at Vandalia closed due to flooding.

Polk County road closures:

- | | | |
|----------------------------|------------|---------------|
| • SE Vandalia Dr | SE 60 St | Pleasant Hill |
| • SE Vandalia Dr/SE 80 Ave | SE 56 Ave. | Runnells |
| • NE 80 St | NE 134 Ave | NE 126 Ave. |
| • NE 118 Ave | NE 80 St | NE 104 St |
| • NE 118 Ave. | NE 29 St | NE 38 St |

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- ~~SE Vandalia Dr./SE 80 Ave. SW of Runnells due to Red Rock Reservoir elevation~~
- ~~Multiple closures along 6th Ave~~
- ~~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~~

West Des Moines:

- ~~63 Street/Grand Ave closed due to overhead gates being lowered - reopened~~

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

- ~~9 1 1 Centers experiencing heavy call volume. During the peak of the storm, centers reported delays due to amount of calls~~
- Nothing to report

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

Polk County Emergency Management requesting each jurisdiction report their individual debris management strategies by 0830 on 02JUL. Email to emergency.management@polkcountyiowa.gov

Saylorville Reservoir

- Current Saylorville Reservoir Pool: 881.51
- Average inflow to Saylorville Reservoir yesterday: 32,500
- Current outflow from Saylorville Reservoir: 20,500cfs
- Saylorville Reservoir Forecast (04JUL 0900hrs) Crest of 885.2 feet on 08JUL
- 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 Ankeny:

- ~~A precautionary boil water advisory issued due to water main break has been lifted at 0400~~

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~~

City of West Des Moines:

- As a precaution, the overhead flood gate at 63/Grand Ave has been closed due to anticipated additional rainfall

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

- Des Moines request for service summary Saturday June 30 @ 1800 until Sunday July 1, @
 - Rescues 27
 - Public Assists 44
 - All Other 99
 - Total 170
- Explosion and fire in a building Urbandale: 65th/Urbandale

- ~~Many departments providing mutual aid~~
- ~~Many departments recalling staff to support responses~~

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

- Flash Reports were issued on 01JUL 20 JUN, 21JUN, 25JUN
- Situation Report issued 27JUN, 28JUN, 01JUL. 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.)

- 1 shelter open with 14 (-25) occupants. SE Polk Middle School, 83525 NE University, Pleasant Hill
- ~~Elkhart: 2 families evacuated to fire department, lodging arranged~~
- ~~Johnston: 2 families evacuated to fire department~~
- ~~Urbandale: 10 people evacuated to fire station #41~~
- ~~Bondurant City Hall available for temporary sheltering~~
- ~~Pleasant Hill: Pleasant Valley Mobile Home Park evacuated to Doanes Park shelter~~
- Shelters have been consolidated to 1 at SE Polk Middle School, 8325 E. University in Pleasant Hill. Registration/Check-in occurring so no census numbers available at time of report.
- 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	1	Des Moines	65 year old male, drowning

- ~~Numerous welfare checks conducted for persons medically dependent on power~~
- ~~Des Moines: Taylor House, 3401 E. Douglas evacuated due to flooding~~
- ~~Des Moines: Mainstream Living, 3355 E. Douglas evacuated due to flooding~~
- ~~Flooding reported at Broadlawns Hospital~~

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

Evacuations:

Clive:

Residents and business owners may now return to the areas that were evacuated due to flooding including:

- 100th Street – immediately north of Walnut Creek
- 114th Street Area – immediately north of Walnut Creek
- 86th & University Area – Intersection and University Park Shopping Center
- University Blvd Area – 73rd to 86th
- 86th Street Area – University to Swanson
- Indian Hills Area – north and east of Indian Hills Junior High
- Swanson Blvd Area – Railroad Tracks to 100th
- NW 92nd Court Area

Des Moines:

- Approximately 100 tenants of the apartment complex at 3560 E. Douglas relocated to 3720 E. Douglas because flood water 3 feet deep in the lower level of Bldgs. A through F.
- Four Mile Creek area within the boundaries of Four Mile Creek on the west, East Ovid on the north, East 38th on the east, and Dubuque St. on the south.

Rescues:Des Moines:

- Boat rescues occurred in Clive (unk#), Des Moines (17), West Des Moines (unk#)
- Rescues from stranded vehicles in Ankeny (unk#), Clive (unk#), Des Moines (37), Elkhart (unk#), Johnston (unk#), Grimes (unk#), Urbandale (unk#), West Des Moines (17)
- Rescues from structures in Clive (unk#), Des Moines (unk#), Urbandale (unk#)
- ~~Des Moines had collapses of two structures~~
 - ~~Hobby Lobby 4080 Merle Hay Road~~
 - ~~Business 2300 Bell Ave~~
- Des Moines reports 1 missing person in floodwaters – located and safely removed from water
- ~~Evacuations occurring in Clive 73rd to 80th, north of University. Des Moines: Apartment complex 3500 block of E. Douglas, assisted living facility 3400 block E. Douglas assisted living facility 3300 block of E. Douglas. Pleasant Hill: Pleasant Valley Mobile Home Park. Johnston: 5900 block Winwood Drive.~~
- Joppa and Primary Health Care has been requested to communicate flooding concerns to homeless camps along the Des Moines River

ESF #10: Hazardous Materials

- Nothing to report

ESF #11: Agriculture, Natural Resources, and PetsAgriculture:

- Nothing to report

Natural Resources:Clive:

- Greenbelt Trail

Polk County Conservation:

- 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

- MidAmerican Energy 4 customers without power (0917). Down from approximately 19,000

ESF #13: Law Enforcement and Security

- ~~Law Enforcement supporting rescues from vehicles, evacuations from structures, conducting welfare checks, enforcing road closures, directing traffic~~

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

- Disaster Recovery Center is open at Polk County River Place, 2309 Euclid Avenue, Des Moines. Hours of operation:
 - 0800-1400
 - 04 JUL Closed due to holiday
- Number of people served:
 - 289 on 02 JUL
 - 352 on 03 JUL
- Agencies at the Disaster Recovery Center
 - Eyerly Ball
 - Veteran's Affairs
 - Private Insurance
 - Polk County Health Services
 - Home, Inc
 - Polk County Health Department
 - City of Des Moines
 - MidAmerican Energy
 - Polk County General Assistance
 - Legal Aid
 - Impact
 - Red Cross
 - Salvation Army
 - Food Bank
- 280 people accessed the Disaster Recovery Center on 02 JUL
- 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

- Governor, Lt. Governor and Congressman Young attended the 1130 press conference on 02 JUL and then toured disaster locations.
- Media interviews were conducted with both local and national news (ABC, CBS and CNN).
- 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 City of Des Moines provided 2 truckloads of sand and 1 bale of sandbags to Bondurant for sandbagging operations.
EMA Assets	Deployed	125 linen kits, blankets, pillows and 1000 drying towels to City of Des Moines
IMAC	None	
State Resources	None	
Federal Resources	None	
Private Sector Provision	In Progress	Bondurant exploring capabilities for supplemental pumping with Hydro Klean
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

Government owned facilities closed:

Clive:

- The Clive Library and is closed due to damage caused by storm water, and is anticipated to reopen on Monday or Tuesday
- The Clive Aquatic Center is closed due to damage caused by storm water but will open Monday for normal scheduled hours
- 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