

2018 FLASH FLOOD REPORT

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Over half a foot of rain fell across central Iowa on Saturday night, June 30, 2018 triggering widespread flash flooding in and around Des Moines.

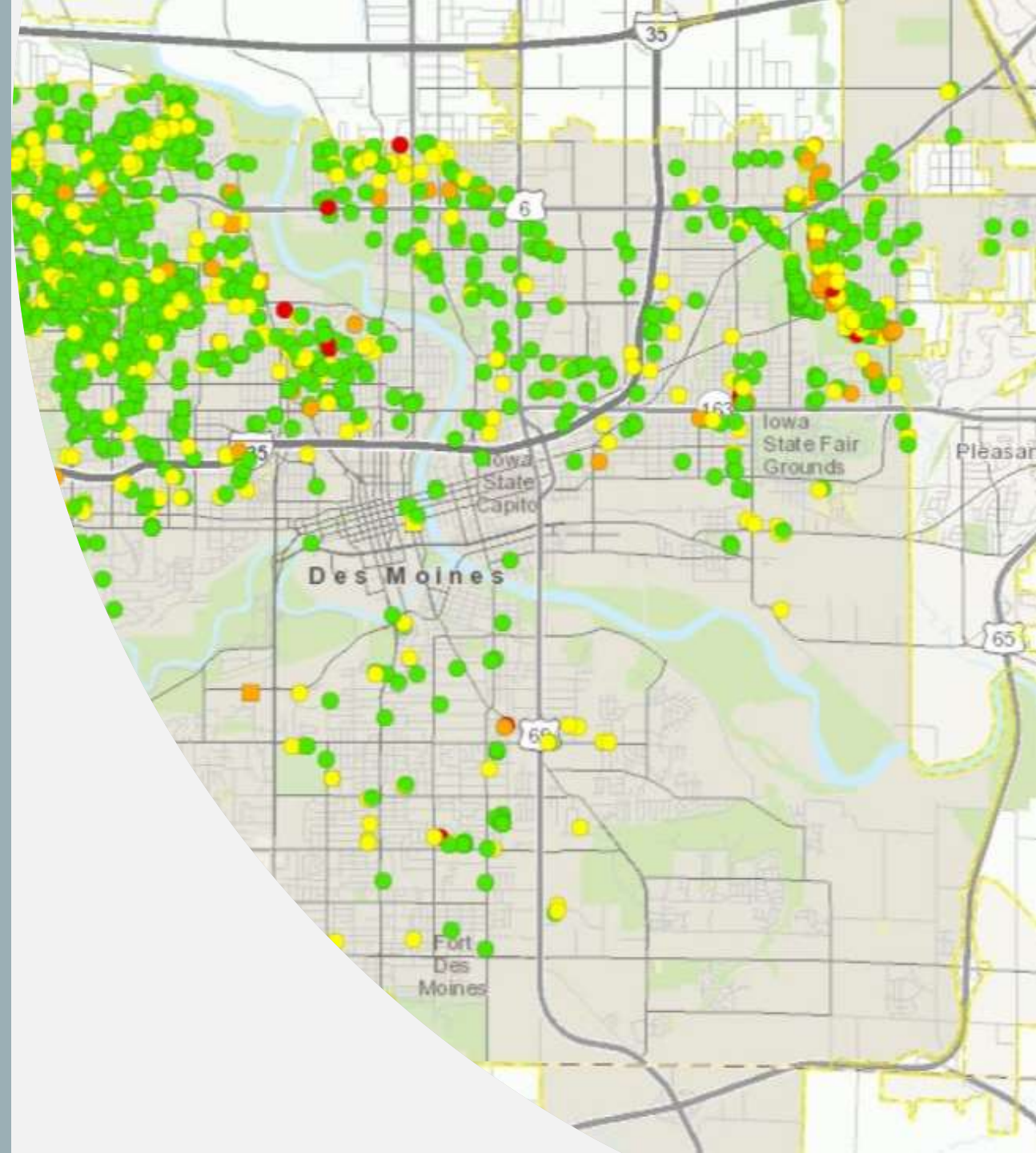
The National Weather Service issued a Flash Flood Emergency for the Des Moines metro area at 9:30 p.m. CDT as widespread and severe flash flooding was ongoing in Polk and Dallas counties.

Initial rainfall totals of 5-10 inches were reported around the area, with much of this rain falling within 2-3 hours.



PROPERTY DAMAGE

1,825 properties assessed
Green/Yellow/Red tag system
27 Destroyed
76 Major damage
616 Minor damage
1,106 Affected



PUBLIC SAFETY RESPONSE

- **June 30 (8pm) – July 1 (8am)**
 - **Police Dispatch answered 1,669 emergency 911 calls, 139/hour**
- **June 30 (6 pm) – July 1 (4pm)**
 - **Fire affected 71 rescue/assist calls and 99 other responses**

PUBLIC SAFETY RESPONSE

- **The request for water-related assistance increased dramatically during the overnight hours.**
- **DMFD, DMPD, and mutual aid fire dept. partners responded throughout the night to answer every call.**
- **This event challenged our capacity to meet the demand for service.**

PUBLIC SAFETY RESPONSE



Lessons learned -

- Public safety responders and other stakeholders should evaluate the need to issue a preemptive evacuation order.
- The DMFD Water Emergency Team is skilled and they have good, dependable equipment.
- A flash flood emergency requires a unified command posture by DMFD/DMPD/Public Works to manage the incident effectively.

**CITY
MANAGER SUBCOMMITTEE
RECOMMENDATIONS**

- **Communications**
- **Debris Management**
- **Infrastructure/CIP**
- **Insurance**
- **Sustainability**

**FLASH FLOOD COMMUNITY
DEBRIEFING PUBLIC MEETING
SEPT. 4, 2018**

- **Subcommittee signup comment cards made available**
- **First committee meeting dates established**
- **Final report and recommendations by end of the year**

COMMUNICATIONS SUBCOMMITTEE

- **Renda Lutz - Resident**
- **John Peek - Resident**
- **"Wendy Wilde" - Resident/Media**
- **Nancy Subybohn - Resident**
- **Joan Latta – resident**
- **Mike Jenning – Resident**
- **Kimberly Boggus - Resident**
- **Wendy Pareene - Resident**
- **Kathy Battles – Resident**
- **Maniesha Paudel - Equity Coordinator**
- **MaryLee Woods - Information Technology**
- **Rick Thomas - DMFD**
- **Diane Rauh - City Clerk**
- **Kandi Reindl-Sullivan - Asst. to the City Manager**
- **Jen Schulte - Govt. Relations Director**
- **Melissa McCoy - 211**
- **Sgt. Paul Parizek - DMPD**
- **2 Public Works Rep.**
- **AJ Mumm- Polk Co. Emergency Management**
- **Shekinah Young - Public Information Office**

**COMMUNICATIONS
SUBCOMMITTEE
RECOMMENDATIONS**

Establish an emergency response plan and review it annually with the public and essential parties. Encourage participation in severe weather awareness week

Work with the business community to assist in distributing information (to both their employees and customers)

- **Greater Des Moines Partnership**
- **Chamber of Commerce**

Each communication avenue/city department delivering information is informed and updated with each stage of the emergency.

Keep neighborhood associations informed of the plan for emergency communication annually

A joint information website hosted by Polk County Emergency Management

- **lifespan of the information is important to keep in mind**
- **everyone having access to update this site**

**DEBRIS MANAGEMENT
SUBCOMMITTEE**

- **Bruce Braun - Public Works, Chair**
- **Kathy Battles - Resident 2729 62nd St.**
- **Kathy Simpson - Resident 2517 47th St.**
- **Jamie Smith - Resident 2508 47th St.**
- **Jon Davis - Polk Co. Emergency Management**
- **David Derong, Public Information Office**
- **Sara Thies, Public Works**
- **Adam Smith, Public Works**
- **Steve Johnson, Public Works**
- **Darrell Caldwell, Public Works**

DEBRIS

More than 5
million pounds
of debris picked
up from curbside
collection

**DEBRIS MANAGEMENT
SUBCOMMITTEE
RECOMMENDATIONS**

- **Develop early, consistent messaging regarding debris pick up**
- **Integrate data from Polk Co. Emergency Management, Public Works, Engineering and Neighborhood Inspections into a comprehensive GIS map to facilitate routing of debris pick up**
- **Have GIS working the same hours as Public Works and Neighborhood Inspections to ensure map is updated in real time**
- **Have designated debris drop sites identified as part of debris management plan**
- **Coordinate debris drop sites with IDNR to ensure necessary permits are obtained in a timely manner**
- **Consider furnishing “Bagster” type containers to residents to assist in debris removal**

INFRASTRUCTURE/CIP SUBCOMMITTEE

- **Pam Cooksey – City Manager’s Office**
- **Bob Fagen – Finance**
- **Jonathan Gano – Public Works**
- **Steve Naber - Engineering**
- **Daniel Pritchard - Engineering**
- **Kurt Rueckel - Finance**
- **Nick Schaul - Finance**
- **Anna Whipple – Information Technology**
- **Shekinah Young – Public Information**
- **Nancy Suby-Bohn – Resident, 312 Corning**
- **Steve Wallace – Resident, 4954 Stream Side Cr.**
- **Margie Brown – Resident, 4015 E. Sheridan**
- **Liz Seiser – Resident, 4600 Crestmoor Dr.**
- **Gloria Hoffmann – Resident, 4200 Leonard Pl.**
- **LeAnn Auxier – Resident, 3120 57th St.**
- **George Cockanye – Resident, 2624 61st St.**
- **Carolyn Uhlenhake-Walker – Resident, 4111 Ingersoll**
- **Steve Wade – Resident, 2515 47th St.**
- **Paula Deleeuw – Resident, 2808 56th St.**
- **Bob VanderLinden – Resident, 9800 Quail Run Cr.**
- **Jenni Klise – Resident, 2505 47th St.**
- **Marlu Abarca – Resident, 527 35th St.**

**INFRASTRUCTURE/CIP
SUBCOMMITTEE
RECOMMENDATIONS**

To ensure that pending and future stormwater projects and any storm water issues are funded and completed in a timely manner, the committee offers the following proposal for your consideration and action:

- **By June 30, 2021, secure an independent study and assessment of stormwater issues city wide. Create a master plan, in a timely manner, to address identified needs. Work with neighboring cities to fully complete the master plan.**
- **Support City Staff recommendations:**
 - 1) Encourage residents to utilize all options available to them (i.e. rain gardens, rain barrels, etc.) to protect against future potential stormwater damage.**
 - 2) Require new construction projects, residential or commercial, to meet environmental and stormwater mitigation standards as determined by City staff.**

**INFRASTRUCTURE/CIP
SUBCOMMITTEE
RECOMMENDATIONS
CONT'D**

- **Regarding potential 1 cent sales tax increase:**
Commit and set aside 3% of any additional income (beyond that required for property tax relief) to be used as needed to complete pending and future stormwater projects city-wide and to address any storm water issues.
 - **Regarding anticipated increase in Polk County assessed valuation:**
Commit and set aside 2% of any additional tax income from Des Moines property to be used as needed to complete pending and future projects city-wide and help address any stormwater issues.
- Develop a procedure for informing all new staff and council members of ongoing and pending projects approved by the council to ensure oversight and completion and keep residents informed regarding delays or changes.**

INSURANCE SUBCOMMITTEE

- **Cody Christensen- Community Development**
- **Adam Prilipp- Engineering**
- **Jordan Hutchens- Engineering**
- **Nancy Suby-Bohn- Citizen**
- **Don Khongmaly- Insurance Agent**
- **Shekinah Young – Public Information Office**

INSURANCE SUBCOMMITTEE RECOMMENDATIONS

- **Increase community's awareness of flood insurance options.**
- **Increase level of communication between property owners and insurance agents.**
- **Make resources available to property owners and real estate agents to identify flood zones.**
- **Distribute education materials in multiple formats:**
 - **Social Media/Hard Copy/TV/Radio**
- **Implement education efforts prior to flood season.**
- **Lower flood insurance premiums by improving the City's Community Rating System score.**

SUSTAINABILITY



- **Brian Campbell, Sustainability Taskforce Member**
- **Kari Carney, Sustainability Taskforce Member**
- **Sheila Knoploh-Odole, Sustainability Taskforce Member**
- **Carolyn Ulenhake Walker, Sustainability Taskforce Member**

SUSTAINABILITY RECOMMENDATIONS

- **Create a Citizen's Toolkit for Flood Prevention and Preparedness**
- **Complete a Climate Action Plan with concrete strategies for reducing greenhouse gas emissions and building resilience in the face of future extreme weather events.**
- **Increase city staffing and budget to complete the Climate Action Plan and implement sustainability and resilience strategies.**
- **Engage stakeholders throughout the Des Moines and Raccoon River watersheds to address flood mitigation, prevention, and resilience.**

QUESTIONS/COMMENTS