

NOUS43 KDVN 172229 CCB
PNSDVN

Service Change Notice...Corrected
National Weather Service Quad Cities IA IL
427 PM CST Thu Jan 17 2019

To: Subscribers:
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 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
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From: Jessica Brooks
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 Quad Cities Weather Forecast Office, IA/IL

Subject: Corrected: Changes in Flood Categories for Stream Gages along the
 Iowa River in eastern Iowa, including Marengo (MROI4), Iowa City
 (IOWI4), Lone Tree (LNTI4), Columbus Junction (CJTI4),
 Wapello (WAPI4), and Oakville (OKVI4)

Correction: Action Stage at Lone Tree (LNTI4) will remain at 14.0 ft

Effective February 7, 2019, the National Weather Service will change the
flood stages and flood categories for the following stream gages on the
Iowa River in eastern Iowa. The gages that will have changes include
Marengo (MROI4), Iowa City (IOWI4), Lone Tree (Tri County Bridge) (LNTI4),
Columbus Junction (CJTI4), Wapello (WAPI4), and Oakville (OKVI4).

These changes are part of a recent re-evaluation with local emergency
managers regarding the flood plain and impacts from recent floods.

Beginning on February 7, 2019, Flood Watches, Flood Warnings, Flood
Statements, probability outlooks and NWS hydrographs on the Advanced
Hydrologic Prediction Service (AHPS) will reference these new category
levels.

The new flood categories will be as follows: (all values at level above
gage zero datum)

Iowa River at Marengo (MROI4)
Gage zero datum: 720.52 ft above MSL NGVD29

New Flood Categories -----	Previous Flood Categories -----
Action Stage: 13.0 ft	Action Stage: 13.0 ft
Flood Stage: 15.0 ft	Flood Stage: 14.0 ft
Moderate Flood Stage: 17.0 ft	Moderate Flood Stage: 15.5 ft
Major Flood Stage: 19.0 ft	Major Flood Stage: 18.5 ft

Iowa River at Iowa City (IOWI4)
Gage zero datum: 617.27 ft above MSL NGVD29

New Flood Categories -----	Previous Flood Categories -----
Action Stage: 21.0 ft	Action Stage: 21.0 ft
Flood Stage: 23.5 ft	Flood Stage: 22.0 ft
Moderate Flood Stage: 24.5 ft	Moderate Flood Stage: 23.0 ft
Major Flood Stage: 26.0 ft	Major Flood Stage: 25.0 ft

Iowa River at Lone Tree (Tri-County Bridge) (LNTI4)

Gage zero datum: 588.16 ft above MSL NGVD29

New Flood Categories

Action Stage: 14.0 ft
Flood Stage: 16.0 ft
Moderate Flood Stage: 18.5 ft
Major Flood Stage: 22.0 ft

Previous Flood Categories

Action Stage: 14.0 ft
Flood Stage: 15.0 ft
Moderate Flood Stage: 16.5 ft
Major Flood Stage: 18.0 ft

Iowa River at Columbus Junction (CJTI4)

Gage zero datum: 558.29 ft above MSL NGVD29

New Flood Categories

Action Stage: 19.0 ft
Flood Stage: 23.0 ft
Moderate Flood Stage: 25.0 ft
Major Flood Stage: 26.5 ft

Previous Flood Categories

Action Stage: 18.0 ft
Flood Stage: 19.0 ft
Moderate Flood Stage: 22.0 ft
Major Flood Stage: 23.0 ft

Iowa River at Wapello (WAPI4)

Gage zero datum: 538.17 ft above MSL NGVD29

New Flood Categories

Action Stage: 18.5 ft
Flood Stage: 21.0 ft
Moderate Flood Stage: 25.0 ft
Major Flood Stage: 27.5 ft

Previous Flood Categories

Action Stage: 18.5 ft
Flood Stage: 20.0 ft
Moderate Flood Stage: 22.0 ft
Major Flood Stage: 25.0 ft

Iowa River at Oakville (OKVI4)

Gage zero datum: 535.641 ft above MSL NGVD29

New Flood Categories

Action Stage: 8.0 ft
Flood Stage: 11.0 ft
Moderate Flood Stage: 15.0 ft
Major Flood Stage: 20.0 ft

Previous Flood Categories

Action Stage: 8.0 ft
Flood Stage: 10.0 ft
Moderate Flood Stage: 12.0 ft
Major Flood Stage: 19.0 FT

The National Weather Service welcomes public feedback. If you have any questions or comments on this change, please contact:

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