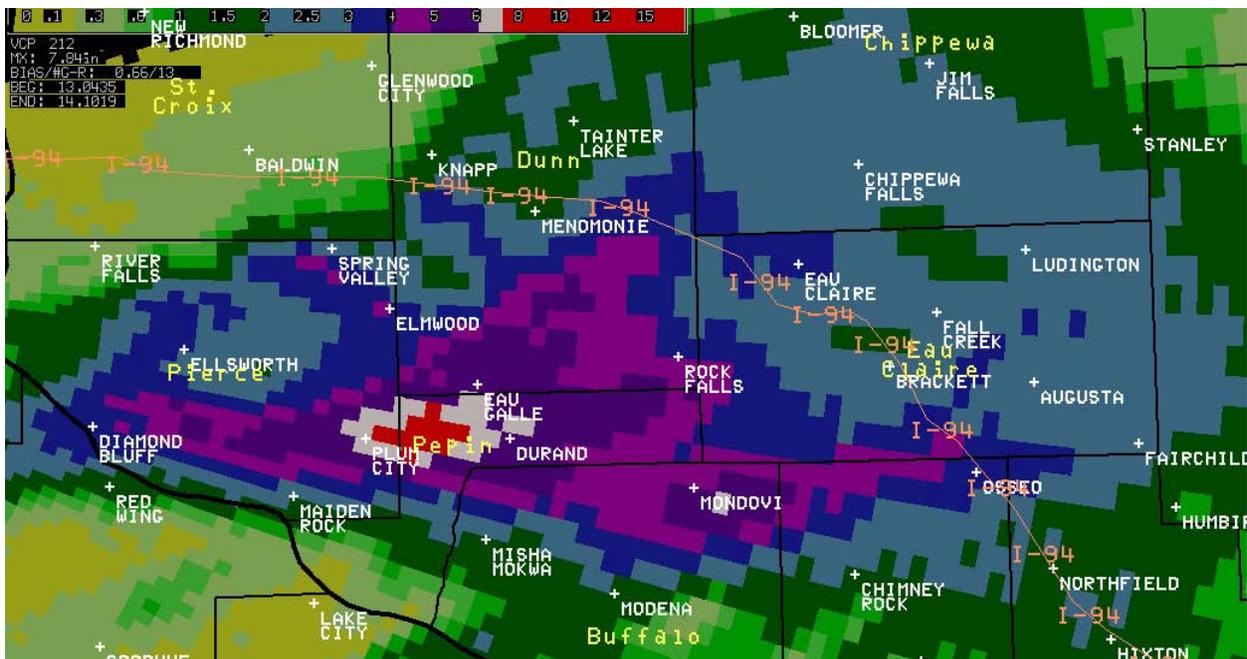


August 13-14, 2009: Significant Flash Flooding in Pepin and Pierce Counties in Wisconsin

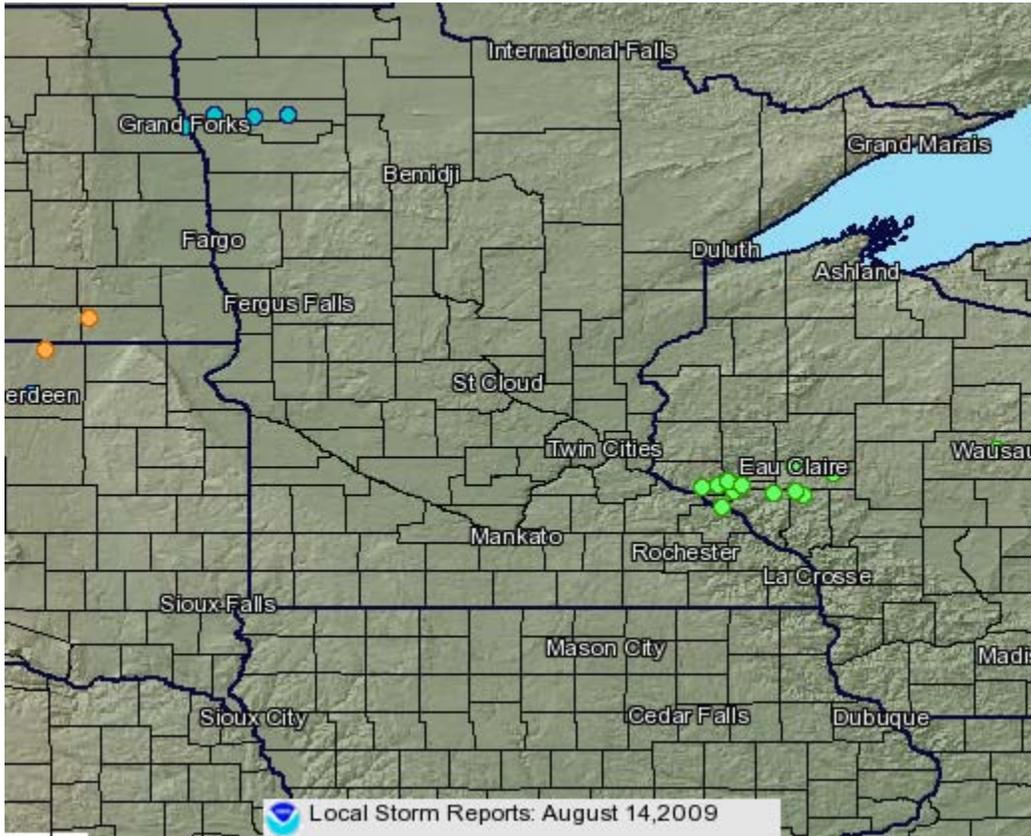
An organized and persistent area of showers with embedded thunderstorms increased in intensity during the evening of the 13th and the early hours of the 14th across Pierce, Pepin, Eau Claire, and southern Dunn Counties in west central Wisconsin. This concentrated rain was slow-moving and heavy, which led to rainfall amounts between four and eight inches and severe flash flooding. The storms were slow moving because of light upper level winds, typical of an August pattern over Minnesota. Also familiar of late summer, the atmosphere was ripe with moisture. These ingredients created the flash flooding setup.

Radar Estimate



The Doppler Radar and rainfall reports indicate the heaviest rain fell across western and northwestern Pepin County.

Storm Reports



PRELIMINARY LOCAL STORM REPORT...SUMMARY
 NATIONAL WEATHER SERVICE TWIN CITIES/CHANHASSEN MN
 920 AM CDT FRI AUG 14 2009

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0855 PM 08/13/2009	TSTM WND DMG	3 NNE HAGER CITY PIERCE	44.64N 92.51W WI LAW ENFORCEMENT
PIERCE COUNTY DISPATCH HAD RECEIVED A REPORT OF A TREE DOWN ALONG HWY 63 NORTH OF HAGER CITY.			
0940 PM 08/13/2009	FLASH FLOOD	MAIDEN ROCK PIERCE	44.57N 92.31W WI LAW ENFORCEMENT
PIERCE COUNTY DISPATCH HAS RECEIVED REPORTS OF A FEW ROADS CLOSED BY HIGH WATER ACROSS THE SOUTHERN PART OF THE COUNTY.			
0955 PM 08/13/2009	HEAVY RAIN M3.50 INCH	3 W ELLSWORTH PIERCE	44.74N 92.54W WI TRAINED SPOTTER

0955 PM FLASH FLOOD 3 W ELLSWORTH 44.74N 92.54W
08/13/2009 PIERCE WI TRAINED SPOTTER

STANDING WATER IN FARM FIELDS AND ON U.S. HIGHWAY 10.

1030 PM FLASH FLOOD 4 NNW MAIDEN ROCK 44.62N 92.34W
08/13/2009 PIERCE WI LAW ENFORCEMENT

MUD SLIDE WAS REPORTED ALONG HIGHWAY A BETWEEN STATE ROAD 35 AND US 10.

1050 PM FLASH FLOOD ELLA 44.54N 92.05W
08/13/2009 PEPIN WI LAW ENFORCEMENT

MUDSLIDE ON COUNTY ROAD N NEAR ELLA HAS CLOSED THE HIGHWAY.

1207 AM FLASH FLOOD 1 S EAU CLAIRE 44.81N 91.49W
08/14/2009 EAU CLAIRE WI LAW ENFORCEMENT

LOWES CREEK ROAD WASHED OUT JUST OUTSIDE OF EAU CLAIRE.

0130 AM FLASH FLOOD ARKANSAW 44.63N 92.03W
08/14/2009 PEPIN WI TRAINED SPOTTER

NUMEROUS ROAD CLOSURES IN TOWN. AN EXPERIMENTAL FARM REPORTED 6.5 INCHES OF RAIN WITHIN TWO HOURS.

0200 AM HEAVY RAIN PLUM CITY 44.63N 92.19W
08/14/2009 M5.50 INCH PIERCE WI TRAINED SPOTTER

0300 AM FLASH FLOOD 3 S ARKANSAW 44.59N 92.03W
08/14/2009 PEPIN WI TRAINED SPOTTER

ROADS WASHED OUT IN FRANKFORT TOWNSHIP.

0300 AM HEAVY RAIN 3 NNW MAIDEN ROCK 44.61N 92.33W
08/14/2009 M4.50 INCH PIERCE WI TRAINED SPOTTER

0610 AM HEAVY RAIN 4 NW ARKANSAW 44.67N 92.09W
08/14/2009 M7.34 INCH PEPIN WI MESONET

MEASURED BY COCORAHS OBSERVER.

0700 AM FLASH FLOOD DURAND 44.63N 91.96W
08/14/2009 PEPIN WI CO-OP OBSERVER

MINOR MUDSLIDES IN AND NEAR DURAND.

0700 AM HEAVY RAIN 4 N AUGUSTA 44.74N 91.12W
08/14/2009 M3.40 INCH EAU CLAIRE WI CO-OP OBSERVER

MEASURED NEAR LAKE EAU CLAIRE.

0700 AM HEAVY RAIN DURAND 44.63N 91.96W
08/14/2009 M6.50 INCH PEPIN WI CO-OP OBSERVER

Photos



Washed out roadway above the Arkansaw Creek.