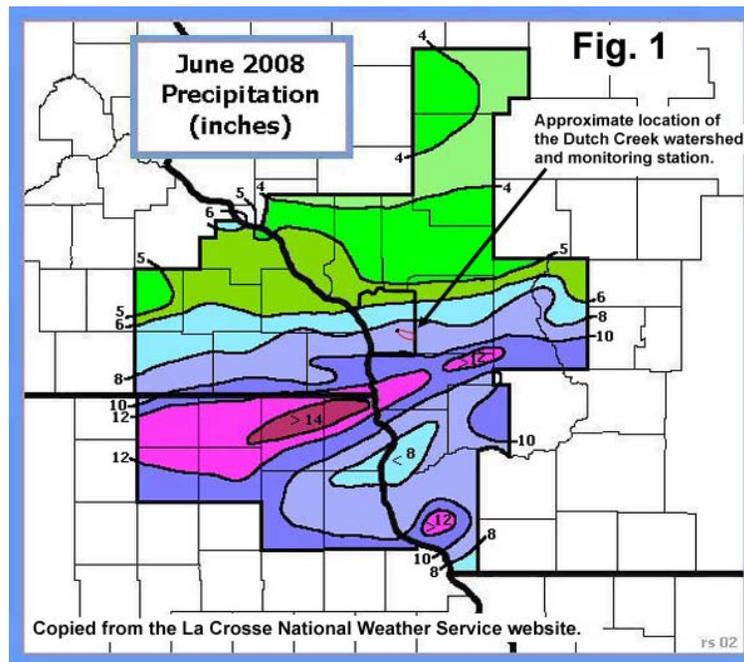


## Monitoring Station

In 1995 the Water Quality Monitoring Station was installed on Dutch Creek. The station automatically collects water samples during runoff events. The samples are analyzed for total suspended solids and total phosphorus.

One of the most significant events in the history of the Dutch Creek Monitoring Station occurred in 2008. On the weekend of June 7 & 8, 2008, the watershed was hit by a series of four storm events, roughly 8-10 hours apart. Each rainfall contributed about 1.5" of rain, for a total of about 6" over the weekend. Leading up to this weekend, the soils were already fairly saturated with almost 2" of rain in the 8 days prior. These were the rain events that also resulted in the breach and failure of Lake Delton, and widespread flooding in Wisconsin, Iowa and Illinois (Figure 1).



La Crosse County and the Dutch Creek Watershed dodged the worst of the storms, but still caught a significant amount of rain.



Dutch Creek - normal



Dutch Creek - after June storm