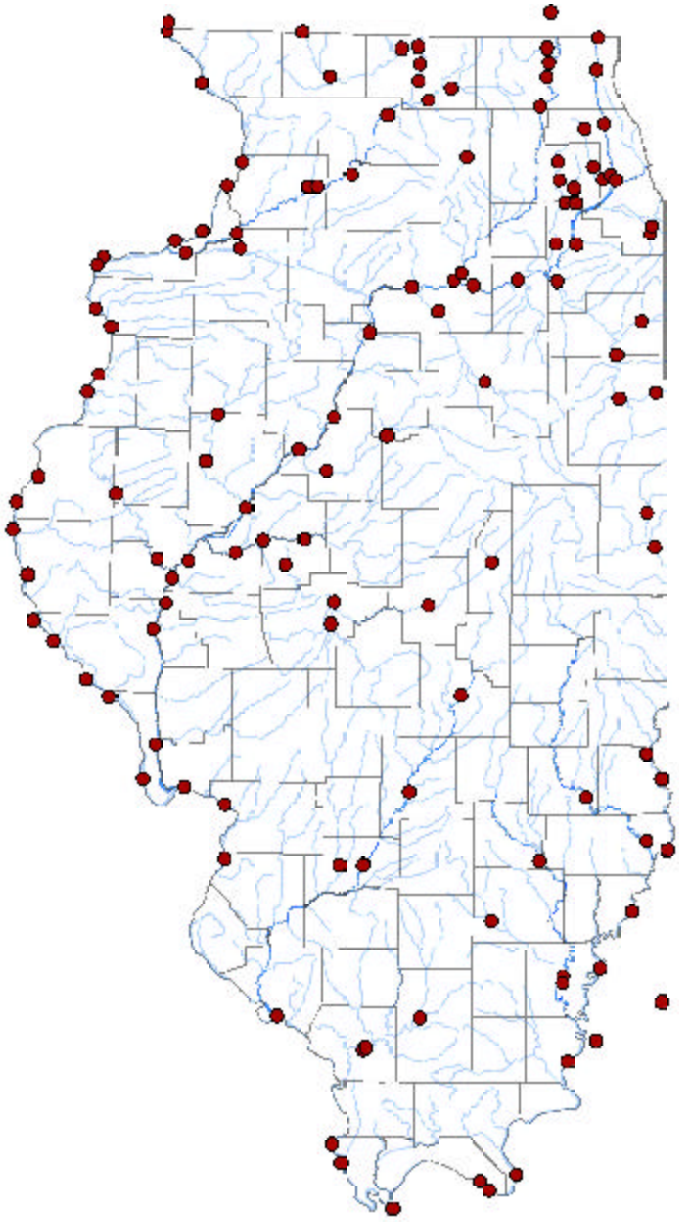
State of Illinois
Pat Quinn

Department of Natural Resources
Marc Miller, Director

Draft River Stages In Illinois: Flood and Damage Data

August 2009



Illinois Department
of Natural Resources
Office of Water Resources

INTRODUCTION

There are hundreds of river gages that measure the stages of rivers throughout Illinois. These gages range from simple yardsticks, which must be read visually, to sophisticated recording devices which monitor numerous parameters with the data collected being transmitted by telephone or satellite communication link. These gages were set up at various times during the last 100 years. When each was established, an arbitrary starting point or "stage datum" was set up. The height of the river above this starting point was recorded as the river stage. In many cases, a "flood stage" was also established. Typically, this would be the level where the river goes out of its banks.

There are two commonly misunderstood points about river stages. First, there is generally no relation between a river stage for one gage and that for another one on the same river. Second, there is often no correlation between flood stage and actual structural flood damages. Often, especially in a rural area, a river will go out of banks but floods only vacant ground.

This manual is an accumulation of flood information for a small portion of the gages in Illinois. The manual lists the stages of past floods, the dates of occurrence, and damages known to occur. The gages are arranged in this manual alphabetically by river and from upstream to downstream along a river.

Each gage has two or more pages of information. Generally the first page identifies the gage, the general location of the gage on the river along with its river mile, a technical description of location by section, township, and range, a location map, and the drainage area of the watershed at the gage. The river mile reference is related to the distance above the mouth of the river, except for the Mississippi and Ohio rivers. The river mile reference for the Mississippi River is the distance above its confluence with the Ohio River. The Ohio River references distance from Pittsburgh where the river forms. In some cases additional information related to previous floods is included. The second page of information is a graphical representation of floods that have occurred throughout history for the specific gage or historical data that occurred before the gage was established. The right side of the graph represents the height of historical floods and the corresponding date of occurrence and also the flood stage height and datum for the gage. The left side of the graph indicates where damages begin to occur at a specific height or other pertinent data. The STANDARD HYDROLOGIC EXCHANGE FORMAT (SHEF) identification number is shown under the station name and location.

This is the fifth edition of this publication. Previous editions were printed in December 1991, May 1994, July 1998, and August 2004.

Ongoing improvements continue to reduce or eliminate areas from flooding. Since the release of this publication, every effort has been made to verify the information contained under the narrative portion of this document: however, changes may have occurred. If omissions or errors are found, please contact:

Illinois Department of Natural Resources
Office of Water Resources
Attn: William B. Milner Jr.
One Natural Resources Way
Springfield, Illinois 62702-1271

Telephone: (217) 524-1458
E-mail: bill.milner@illinois.gov

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BIG MUDDY RIVER AT PLUMFIELD, ILLINOIS

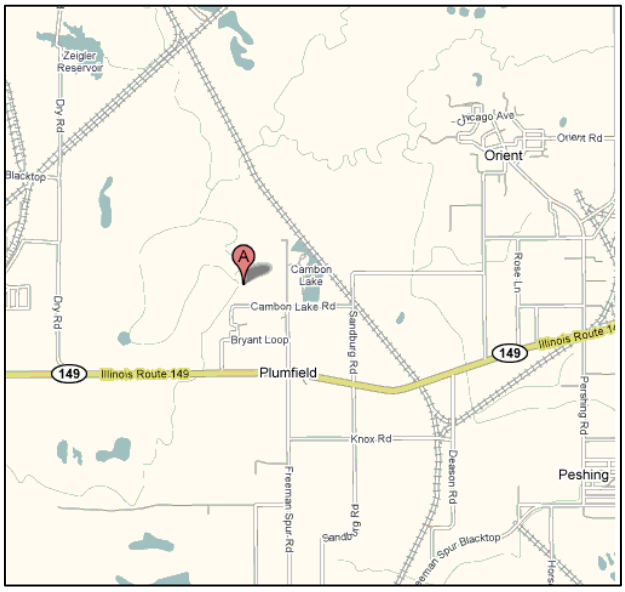
USGS GAGE NUMBER: 05597000

LOCATION: In Franklin County on the left bank 0.8 mile upstream from the Highway 149 bridge at Plumfield, 1.9 miles downstream from Middle Fork Big Muddy River, and at river mile 86.6.

NW 1/4, Sec. 20, Twp. 7S, Rng. 2E.

37°54'05"N, 89°00'50"W NAD27

Drainage Area = 794 mi^2



Rend Lake Normal Pool 405'

Big Muddy River
Plumfield, IL
PLMI2

NARRATIVE	STAGE	HISTORICAL
	+ ++++++++ +	
	- -----35----- -	
	- -	
	- -	** 34.67 5/10/1961 (based on current datum)
	- -	
	- -	
20 to 25 homes affected @ 34.0 **	- -	** MAJOR FLOOD STAGE 34.0' (NWS)
	- -	
	- -	
	- -	
	- -	
- -	- -----33----- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	** 31.84 5/4/1983 ; 31.83 5/1/1996
	- -	
	- -	
	- -	
- -	- -----31----- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	** 29.86 3/21/2008
	- -	** 29.66 11/19/1993
	- -	** 29.47 5/20/1995
	- -	
- -	- -----29----- -	- -
	- -	
	- -	
	- -	
	- -	** 28.32 3/7/1979
	- -	
	- -	** 27.9 3/15/2006
	- -	
	- -	
	- -	
Ziegler oil field equipment damaged @ 27.0 **	- -----27----- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	** 25.72 2/2/1982
	- -	
	- -	
Low areas adjacent to river inundated @ 25.0 **	- -----25----- -	** MODERATE FLOOD STAGE 25.0' (NWS)
	- -	
	- -	
	- -	
	- -	
	- -	** 24.09 6/20/2000
	- -	
	- -	
	- -	** 23.34 1/16/2005
	- -	
- -	- -----23----- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	** 21.27 5/29/2004
- -	- -----21----- -	- -
Minor bottomland flooding @ 20.0 **	+ ++++++++ +	** **FLOOD STAGE 20.0'**

ELEVATION ZERO: 353.24
NGVD 1929

BIG MUDDY RIVER AT MURPHYSBORO, ILLINOIS

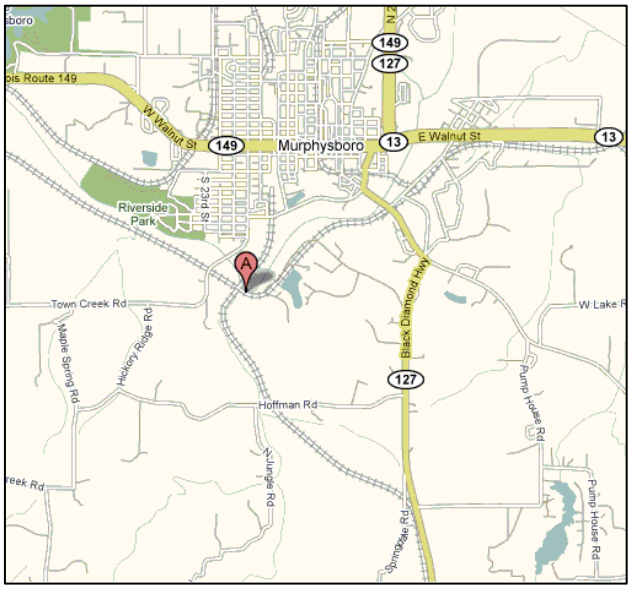
USGS GAGE NUMBER: 05599500

LOCATION: In Jackson County, on the left bank just upstream from Lewis Creek, 0.2 mile upstream of South Twentieth Street Bridge, at Murphysboro, and at river mile 36.0.

SE 1/4, Sec. 8, Twp. 9S, Rng. 2W.

37°44'53"N, 89°20'48"W NAD83

Drainage Area = 2169 mi^2



STAGE

Big Muddy River
Murphysboro, IL
MURI2

NARRATIVE	STAGE	HISTORICAL
	+ ++++++++ +	
Murphysboro sewage treatment plant **	- -----38----- -	
lift station flooded @ 38.0	- -	** 37.77 5/11/1961
Damage may begin to houses near **	- -	
Shoemaker Dr in Murphysboro @ 37.0	- -	** 36.85 5/5/1983
	- -	** 36.33 5/2/1996 ; 36.29 3/22/2008
	- -----36----- -	** MAJOR FLOOD STAGE 36.0' (NWS)
	- -	
	- -	
	- -	
	- -	** 34.46 11/18/1993 ; 34.48 5/21/1995
- -	- -----34----- -	** 34.0 3/6/1979
	- -	** 33.8 3/16/2006
	- -	
	- -	
	- -	** 33.39 4/3/1985
	- -	
	- -	
	- -	
	- -	** 32.53 5/25/1974
	- -	
Town Creek Road near bridge over **	- -----32----- -	- -
Big Muddy River closed @ 32.0	- -	
	- -	** 31.78 4/1/1977
	- -	
	- -	
	- -	
	- -	** 30.9 3/17/1978
	- -	
	- -	
	- -	
- -	- -----30----- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	** 28.78 6/22/2000
	- -	
	- -	
- -	- -----28----- -	** MODERATE FLOOD STAGE 28.0' (NWS)
	- -	
	- -	
	- -	
	- -	** 27.29 4/20/1998
	- -	
	- -	
	- -	
	- -	
	- -	** 26.30 1/18/2005
- -	- -----26----- -	- -
	- -	
	- -	
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	- -	
	- -	
	- -	
	- -	
	- -	
- -	- -----24----- -	- -
	- -	
	- -	
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	- -	
	- -	
	- -	
- -	- -----22----- -	** **FLOOD STAGE 22.0**
	+ ++++++++ +	

ELEVATION ZERO: 335.50
NGVD 1929

DES PLAINES RIVER AT RUSSELL ROAD, ILLINOIS

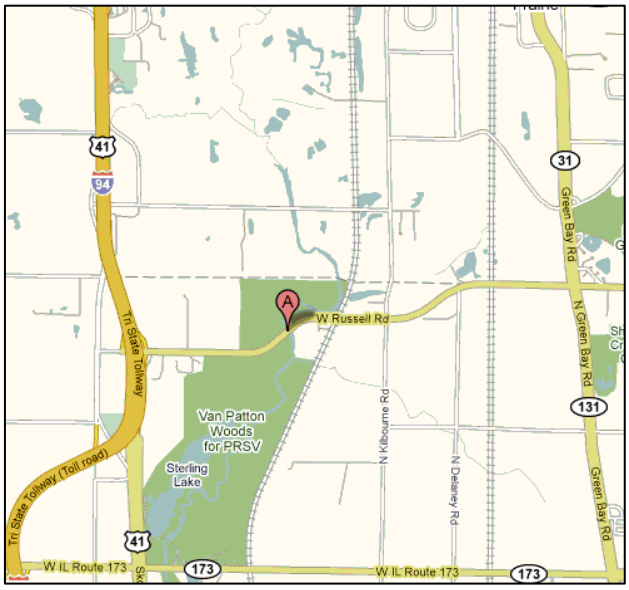
USGS GAGE NUMBER: 05527800

LOCATION: In Lake County, on the right bank just upstream of Russell Road bridge, 0.3 mile west of Russell, 7.2 miles upstream from Mill Creek, and at river mile 109.3.

SE 1/4, Sec. 3, Twp. 46N, Rng. 11E

42°29'21"N, 87°55'35"W NAD27

Drainage Area = 123 mi^2



Des Plaines River
Russell Road, IL
RUSI2

NARRATIVE	STAGE	HISTORICAL
	12	
		** 11.09 5/23/2004
	11	
		** 10.75 3/6/1976 ; 9/27/1986
		** 10.57 8/24/2007
	10	** MAJOR FLOOD STAGE 10.0' (NWS)
		** 9.95 6/14/2000 ; 9.98 6/21/2009
		** 9.69 3/21/1979
Water reaches homes on Russell Road between ** the river and Kilbourne Road @ 9.5		
		** 9.37 6/11/2008
	9	** MODERATE FLOOD STAGE 9.0' (NWS)
		** 8.89 4/21/1993
		** 8.31 5/23/1996
		** 8.24 3/30/1991
Farm land and park lands flood. Water approaches ** a few homes near railroad tracks @ 8.0	8	
		** 7.41 2/17/2005
Minor Forest Preserve flooding near river @ 7.0 **	7	** **FLOOD STAGE 7.0'**
	6	
	5	

ELEVATION ZERO: 662.00
NGVD 1929

DES PLAINES RIVER NEAR GURNEE, ILLINOIS

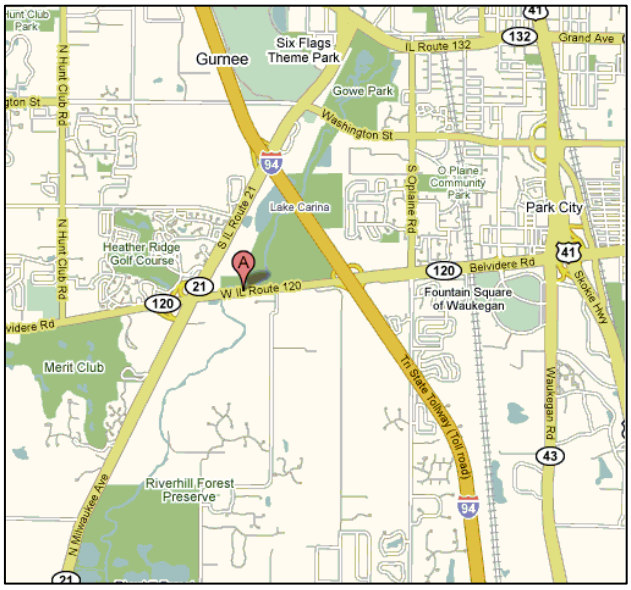
USGS GAGE NUMBER: 05528000

LOCATION: In Lake County, on the left bank 800 ft. upstream of the State Highway 120 bridge, 2.5 miles southwest of Gurnee, and at river mile 94.2.

SW 1/4, Sec. 27, Twp. 45N, Rng. 11E

42°20'39"N, 87°56'18"W NAD83

Drainage Area = 232 mi^2



STAGE

Des Plaines River
Gurnee, IL
GURI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
Instrument shelf in gage house @ 12.50 **	- -----12----- -	
	- -	** 11.95 9/27/1986
	- -	
	- -	** 11.76 5/25/2004
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Road at gage site floods @ 11.0 **	- -----11----- -	** MAJOR FLOOD STAGE 11.0' (NWS)
	- -	
	- -	
	- -	
	- -	** 10.64 4/3/1960
	- -	
	- -	
	- -	** 10.3 3/22/1979 ; 6/16/2000
Wellhouse floor @ 10.20 **	- -	
	- -	
Rt 132 & Old Grand Ave inundated. Fire & police **	- -----10----- -	- -
Dept displaced. Post office substation on Old	- -	** 9.90 4/22/1993
Grand Ave closed @ 10.0	- -	** 9.84 3/7/1976 ; 9.85 8/25/2007
	- -	
	- -	
	- -	
	- -	
	- -	** 9.37 6/23/2009
	- -	
	- -	** 9.07 3/06/1974 ; 9.02 4/2/2008
Water approaches some homes and **	- ------9------- -	** MODERATE FLOOD STAGE 9.0' (NWS)
school property in Gurnee @ 9.0	- -	
	- -	
	- -	
	- -	** 8.6 12/8/1982
	- -	
	- -	
	- -	
	- -	** 8.2 3/21/1982
	- -	
Roadside bank of river at gage overflows @ 8.0 **	- ------8------- -	- -
	- -	
	- -	** 7.81 3/31/1991
	- -	** 7.76 2/1/1988
	- -	
	- -	
	- -	
	- -	** 7.37 4/19/1987
	- -	
	- -	
Floods affect lowest areas near river @ 7.00 **	- ------7------- -	** **FLOOD STAGE 7.0'**
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
- -	- ------6------- -	- -
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	- -	
- -	- ------5------- -	- -
	+ +++++++++ +	

ELEVATION ZERO: 650.30
NGVD 1929

DES PLAINES RIVER NEAR DES PLAINES, ILLINOIS

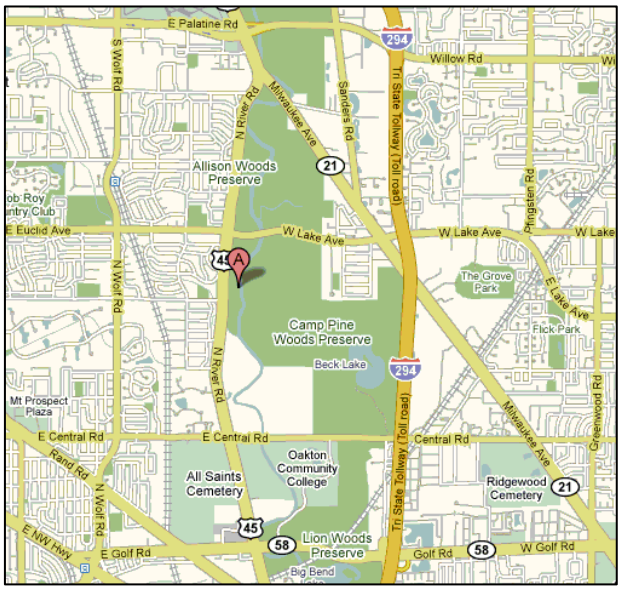
USGS GAGE NUMBER: 05529000

LOCATION: In Cook County, on the right bank 50 ft. upstream from Dam No. 2 of the Cook County Forest Preserve, 0.3 mile downstream from Lake Avenue Bridge, 1.2 miles upstream from Central Road Bridge, 2.5 miles north of Des Plaines, and at river mile 69.3.

SE 1/4, Sec. 25, Twp. 42N, Rng 11E

42°04'54"N, 87°53'26"W NAD83

Drainage Area = 360 mi^2



2008 FLOOD INFORMATION

The River crested at 10.0' on September 14, 2008. In the city of Des Plaines, 100 homes were evacuated and overall 2500 structures were impacted. River Rd and Rand Rd were closed due to flooding.

In Mt. Prospect River Rd was closed.

Des Plaines River
near Des Plaines, IL
DPSI2

NARRATIVE	STAGE	HISTORICAL
Instrument shelf @ 12.90 **	12	
	11	
1200 homes, 150 businesses, 3300 displaced @ 10.88 **		** 10.88 10/1/1986
Floor of gage house @ 10.2 **		
Numerous homes impacted, 100 homes evacuated @ 10.0 **	10	** 10.0 9/14/2008
		** 9.0 7/04/1938
	9	** MAJOR STAGE FLOOD 9.0' (NWS)
		** 8.77 8/14/1987
Melrose Park-1st Ave Pump Station floods @ 8.6 **		** 8.67 5/21/1996 ; 8.62 8/24/2007
Flood waters affect residential areas of **		** 8.51 5/27/2004 ; 8.56 4/21/1960
Big Bend Drive and River Road @ 8.5		
		** 8.05 2/22/1997
	8	** MODERATE FLOOD STAGE 8.0' (NWS)
		** 7.80 4/24/1999
		** 7.78 4/25/1950
		** 7.65 6/3/1970
Water on pavement at River Rd and Gregory, **	7	
Central Road, and Big Bend Drive @ 7.0		
	6	
Water reaches some backyards along Big Bend Drive @ 5.5 **		
Overflows into Campground area @ 3.50 **	5	** **FLOOD STAGE 5.0'**
Bankfull stage at gage site @ 3.00 **		

ELEVATION ZERO: 626.31
NGVD 1929

DES PLAINES RIVER AT RIVERSIDE, ILLINOIS

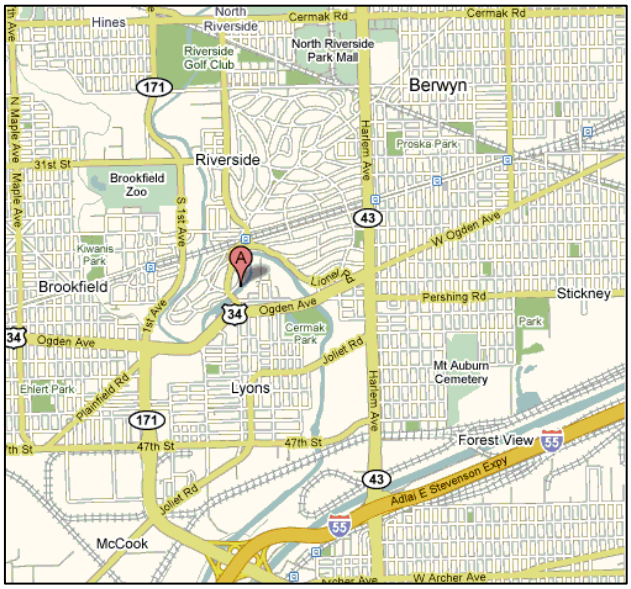
USGS GAGE NUMBER: 05532500

LOCATION: In Cook County, on the left bank 400 ft. downstream from the bridge on Barry Point Road in Riverside, 500 ft. downstream from Hoffman Dam, 4,000 ft. downstream from Salt Creek, and at river mile 44.3.

SW 1/4, Sec. 36, Twp. 39N, Rng. 12E

41°49'20"N, 87°49'15"W NAD27

Drainage Area = 630 mi^2



2008 FLOOD INFORMATION

The River crested at 9.86' on September 15, 2008. In Riverside, 400 residents were removed from their homes.

Grand Ave, North Ave, First Ave, Thatcher Ave, and River Rd were closed in River Grove.

In River Forest, Millpoint Park (a mobile home park) was flooded as were Chicago Ave, North Ave, and Lake St.

STAGE

Des Plaines River
Riverside, IL
RVRI2

NARRATIVE		HISTORICAL
	12	
	11	
	10	
		** 9.90 8/15/1987
		** 9.86 10/15/2008
		** 9.82 1/26/1969 (ice jam)
	9	** MAJOR FLOOD STAGE 9.0' (NWS)
		** 8.85 10/3/1986
Major flood as determined by CoE @ 8.50 **		** 8.46 2/22/1997
Damage begins to residences in vicinity of ** junction of Salt Creek & Des Plaines River @ 8.4		
		** 8.28 3/20/1948
		** 8.00 12/05/1982
	8	** MODERATE FLOOD STAGE 8.0' (NWS)
		** 7.91 3/5/1979
		** 7.73 8/24/2007
		** 7.64 2/9/1974
Park becomes inundated in vicinity of junction ** of Salt Creek & Des Plaines River @ 7.5		** 7.40 5/29/1996
		** 7.30 3/21/1979
		** 7.24 3/5/1976
		** 7.08 6/01/2004
	7	** **FLOOD STAGE 7.0'**
Flooding affects forest preserve areas @ 6.5 **		
Minor park flooding begins @ 6.0 **	6	
	5	

ELEVATION ZERO: 594.68
NGVD 1929

DUPAGE RIVER AT SHOREWOOD, ILLINOIS

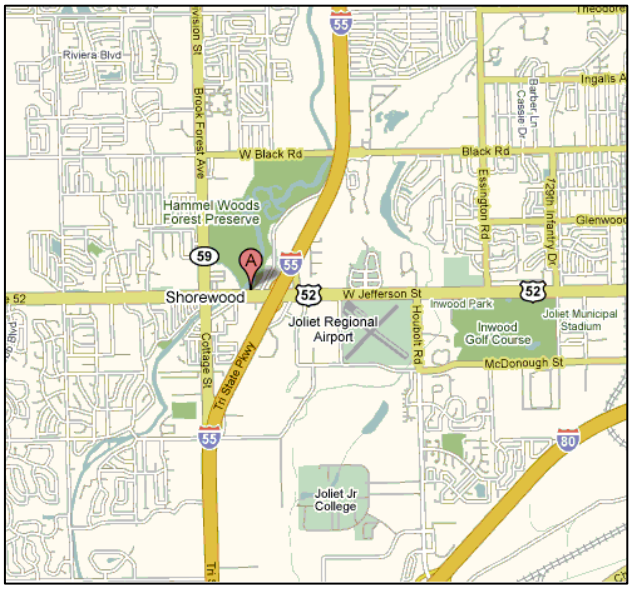
USGS GAGE NUMBER: 05540500

LOCATION: In Will County, on the left bank 400 ft. upstream from the U.S. Highway 52 bridge at Shorewood, 3.8 miles downstream from Lily Cache Creek, and at river mile 10.6.

SW 1/4, Sec. 10, Twp. 35N, Rng. 9E

41°31'20"N, 88°11'33"W NAD27

Drainage Area = 324 mi^2



2008 FLOOD INFORMATION

In Will County, damage was reported in Plainfield, Shorewood, Troy Twp., Channahon Twp., Frankfort Twp., and Wilmington Twp.

In Plainfield, River Rd, Rolf Rd, and Plainfield Twp. Rd flooded.

1996 FLOOD INFORMATION

Interstate 55 was inundated at two locations. Site 1 was near the I&M Canal crossing just south of Interstate 80. Site 2 was between Caton Farm Road and Black Road. The water was over the pavement by 1.0 feet and 3.0 feet, respectively.

NARRATIVE	STAGE	HISTORICAL
	DuPage River Shorewood, IL SORI2	
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- -	- -----14----- -	** 14.03 7/18/1996
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- -	- -----11----- -	** 11.06 10/11/1954
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	- -	
	- -	** 10.10 3/19/1948
- -	- -----10----- -	- -
	- -	** 9.94 7/2/1983
	- -	** 9.92 9/15/2008
	- -	
	- -	
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	- -	
	- -	** 9.14 2/21/1997
- -	- ------9------- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	** 8.55 12/29/2008
	- -	** 8.43 5/10/1990
	- -	
	- -	
	- -	
- -	- ------8------- -	** **FLOOD STAGE 8.0'**
	+ +++++++++ +	
		ELEVATION ZERO: 564.62 NGVD 1929

EAST BRANCH DUPAGE RIVER AT BOLINGBROOK, ILLINOIS

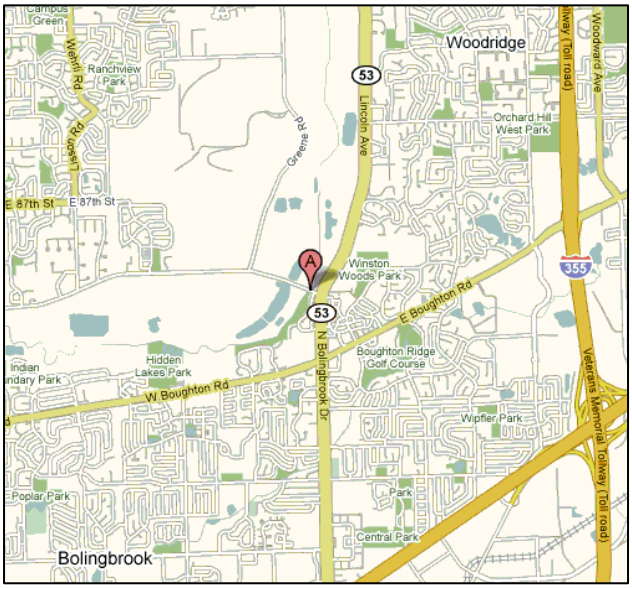
USGS GAGE NUMBER: 05540250

LOCATION: In Du Page County, on the downstream side of the bridge on Royce Road, 0.5 miles north of Bolingbrook, 4.8 miles northwest of Lemont, and at river mile 6.0.

SE 1/4, Sec. 3, Twp. 37N, Rng. 10E

41°43'05"N, 88°04'14"W NAD83

Drainage Area = 75.8 mi^2



STAGE

East Branch DuPage River
Bolingbrook, IL

NARRATIVE	STAGE	HISTORICAL
	25	
	24	** 24.05 9/14/2008
		** 23.75 7/18/1996
		** 23.43 12/28/2008
	23	** MAJOR FLOOD STAGE 23.0' (NWS)
		** 22.67 5/19/1990
	22	
		** 21.6 10/3/2006
		** 21.42 1/13/2005
Naperville Road floods @ 21.0 **	21	** MODERATE FLOOD STAGE 21.0' (NWS)
		** 20.94 1/24/1999
		** 20.71 6/9/1993
		** 20.37 2/20/1994 ; 20.32 8/28/2004
	20	** 20.04 1/14/1995
Royce Road floods @ 19.5 **		** **FLOOD STAGE 19.5'**
	19	
Minor Flooding begins @ 18.0 **	18	

ELEVATION ZERO: 625.28
NGVD 1929

EAST BRANCH DUPAGE RIVER AT LISLE, ILLINOIS

USGS GAGE NUMBER: NONE*

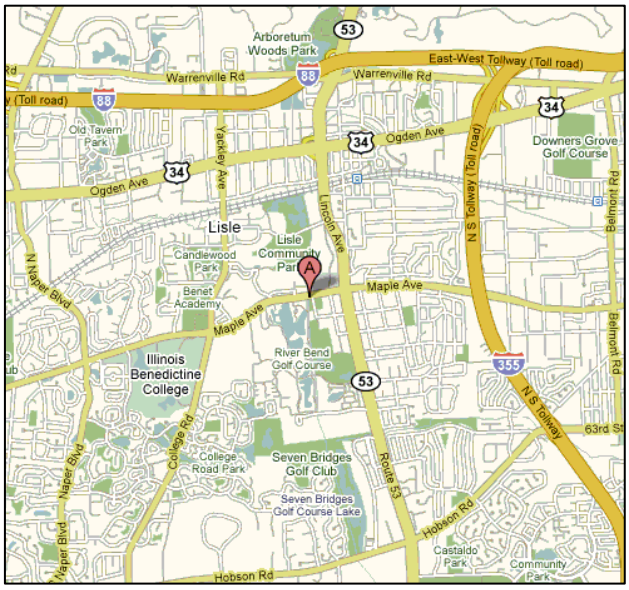
LOCATION: In Du Page County, in Lisle at the bridge on Maple Avenue, 1.1 mile downstream from St. Joseph Creek, 0.7 mile downstream from the Burlington Northern Santa Fe Railway bridge, and at river mile 10.8.

NE 1/4, Sec. 15, Twp. 38N, Rng. 10E

41°47'48"N, 88°04'45"W

Drainage Area = 58.3 mi^2

* Data regarding flood stages are based upon a gage operated by the IDNR/Office of Water Resources.



STAGE East Branch DuPage River
Lisle, IL

NARRATIVE	STAGE	HISTORICAL
	16	
	15	
Damage begins to residences just south of Maple Ave. in Lisle @ 14.0 **	14	** 14.0 8/14/1987
		** 13.85 7/2/1983
		** 13.27 7/18/1996
Damage begins to residences just north of Burlington Ave. in Lisle @ 13.0 **	13	
		** 12.83 4/18/1975
		** 12.53 3/4/1979
	12	** **FLOOD STAGE 12.0'**
		** 11.09 5/13/1978
	11	
Water covers Ill Rt 53 approx. .5 mile north of E-W tollway & water begins to enter basements of residences in adjacent subdivion @ 10.0 **	10	
	9	

ELEVATION ZERO: 649.00

EMBARRAS RIVER AT STE. MARIE, ILLINOIS

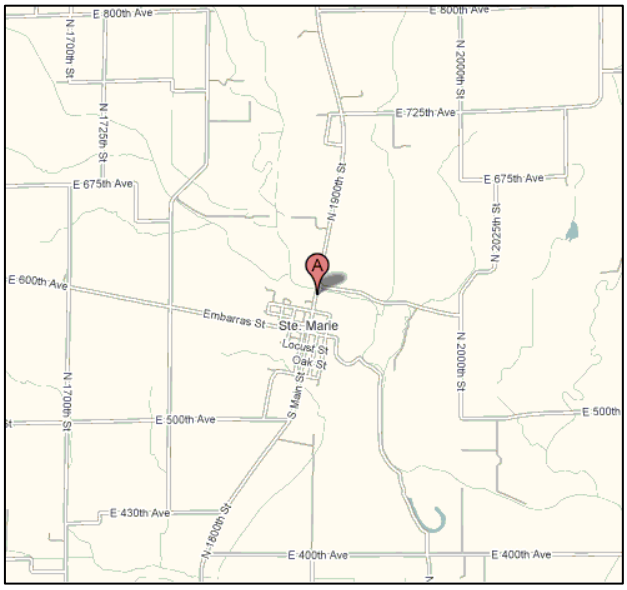
USGS GAGE NUMBER: 03345500

LOCATION: In Jasper County, on the right bank at the upstream side of the bridge on County Highway 9 at Ste. Marie, and at river mile 48.2.

NW 1/4, Sec. 30, Twp. 6N, Rng. 14W

38°56'11"N, 88°01'21"W NAD27

Drainage Area = 1,516 mi^2



2008 FLOOD INFORMATION

The River crested at 28.01' on June 7, 2008 setting a new record.

The Ste. Marie levee breached in one known location and the Captain Pond levee breached in four known locations.

Embarras River
Ste. Marie, IL
STMI2

NARRATIVE	STAGE	HISTORICAL
Ste. Marie and Captain Pond levees overtopped @ 27.0 **	27	** 28.01 6/7/2008
		** MAJOR FLOOD STAGE 27.0' (NWS)
		** 26.54 6/30/1957
		** 26.28 5/13/2002
		** 25.95 1/4/1950
	25	** 25.17 5/9/1996
		** 24.88 1/6/2005
Residents begin monitoring levees @ 24.0 **		
		** 23.63 5/19/1995
		** 23.53 12/31/1990
		** 23.38 5/18/1990
	23	** 23.07 3/5/1979
		** 22.75 11/14/1993
		** 22.48 6/1/1974
		** 22.23 11/21/1985
		** 21.43 3/1/1997 ; 21.54 2/3/1988
Private agricultural levees threatened @ 21.0 **	21	
		** 20.86 1/6/2004 ; 20.85 3/22/1978
		** MODERATE FLOOD STAGE 20.0' (NWS)
County Hwy 9 inundated between ** Ste.Marie & Willow Hill @ 19.0	19	** **FLOOD STAGE 19.0'**
	17	
Secondary road on east bank downstream ** of gage inundated in low spots @ 16.0		
	15	
	13	

ELEVATION ZERO: 445.75
NGVD 1929

EMBARRAS RIVER AT LAWRENCEVILLE, ILLINOIS

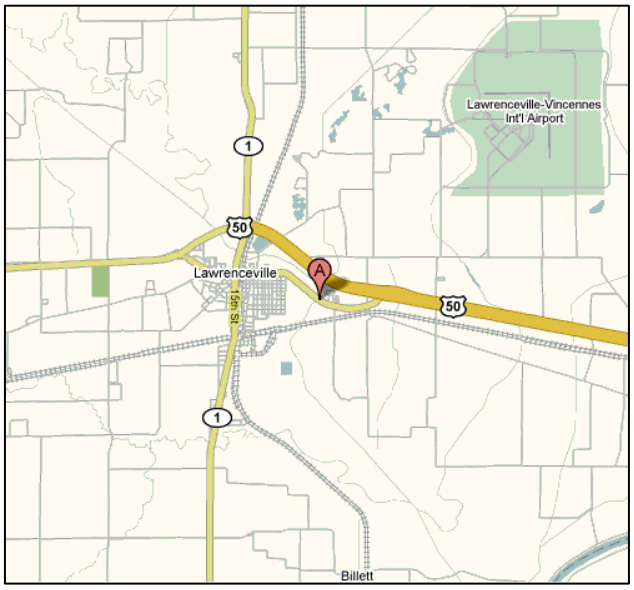
USGS GAGE NUMBER: 03346500

LOCATION: In Lawrence County on the left bank just downstream of the U.S. Business Route 50 bridge in Lawrenceville, and at river mile 6.7.

SW 1/4, Sec. 5, Twp. 3N, Rng. 11W

38°43'25"N, 87°39'52"W NAD83

Drainage Area = 2,333 mi^2



2008 FLOOD INFORMATION

The River crested at 42.32' on June 10, 2008 setting a new record.

The Beaver Pond levee failed on the evening of June 9, 2008 and the North levee failed in the early morning hours of June 10, 2008.

Embarras River
Lawrenceville, IL
LAWI2

NARRATIVE	STAGE	HISTORICAL
Water overtops some levees in the area @ 47.0 **	-----46-----	
4th Street in Lawrencville inundated, 11-12 ** families must be evacuated @ 44.0	-----44-----	
Old US Rte 50 is inundated from 3 miles ** west of Vincennes @ 43.0		
	-----42-----	** 42.32 6/10/2008
4th Street flooded between State & Jefferson. ** 3rd St completely flooded @ 41.3		** 41.34 5/16/2002 MAJOR FLOOD STAGE 41.0' (NWS)
		** 40.73 1/8/2005
VA bldng N of State St @ 40.2 **		
Lawrenceville10th St & parts 3rd inundated @ 40.0 **	-----40-----	
	-----38-----	
Road across Poteet Bridge inundated ** isolating houses in area @ 37.0		** MODERATE FLOOD STAGE 37.0' (NWS)
Billett-Vincennes river road inundated @ 36.0 **	-----36-----	
		** 35.21 1/09/2004
	-----34-----	
Lumber Mill Road inundated @ 33.0 **		
		** 32.53 5/12/2003
	-----32-----	
Minor agricutlural flooding begins @ 30.0 **	-----30-----	** **FLOOD STAGE 30.0'**

ELEVATION ZERO: 382.24
NGVD 1929

FOX RIVER NEAR NEW MUNSTER, WISCONSIN

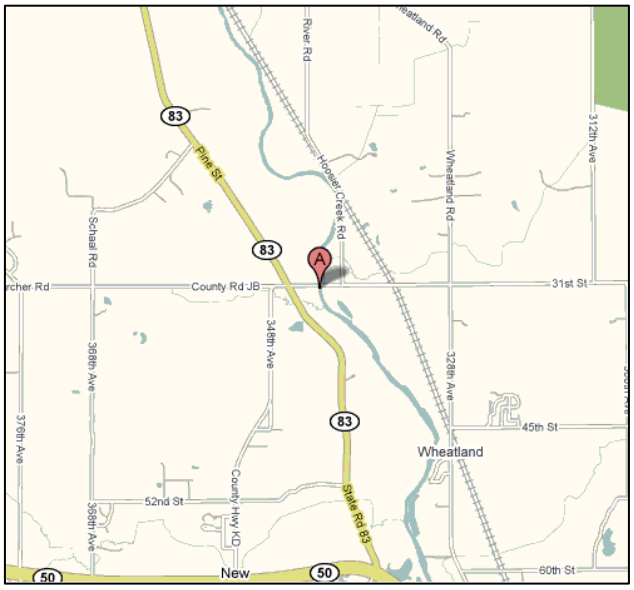
USGS GAGE NUMBER: 05545750

LOCATION: In Kenosha County, 2.2 miles north of New Munster, WI on the right bank 40 ft. downstream from bridge on County Trunk JB and 17 miles upstream of Fox Chain of Lakes.

NW 1/4, Sec. 26, Twp. 2N, Rng. 19E

42°36'39"N, 88°13'33"W NAD27

Drainage Area = 811 mi^2



Fox River
New Munster, WI
NMSW3

NARRATIVE	STAGE	HISTORICAL
	16	
		7520 cfs 3/21/1960, stage unknown
		** 15.5 3/31/1960 est.
	15	
		** 14.1 2/21/1994 ice
	14	** 14.0 3/27/1979 est. MAJOR STAGE (NWS)
		** 13.72 5/24/2004
		** 13.67 6/15/1999
	13	** 13.0 10/2/1986 est. MODERATE STAGE (NWS)
		** 12.76 6/2/2000
		** 12.6 12/4/1982 est.
		** 12.30 4/25/1999
		** 12.15 6/19/1996
	12	
		** 11.50 6/5/2002
		** 11.37 2/20/1997
	11	** 11.0 2/1/1988 est.
Damage begins to low lying residences ** along the Fox Chain @ 10.5		** 10.43 4/28/1995
		** 10.34 4/10/1998
	10	** **FLOOD STAGE 10.0'**
Estimates of Stages for events prior to October 1993 are from the gage's previous location at Wilmot, WI. The datum was 735.22' - NGVD 29	9	Normal Stage 6-7 ft

ELEVATION ZERO: 735.72
NGVD 1929

FOX RIVER AT JOHNSBURG, ILLINOIS

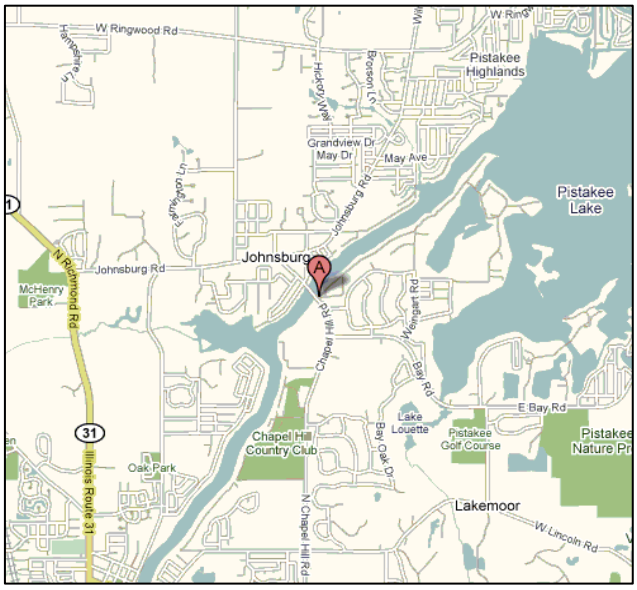
USGS GAGE NUMBER: 05548500

LOCATION: In McHenry County, on the left bank at the upstream side of bridge on Chapel Hill Road in Johnsburg, 5.5 miles upstream from Stratton Lock & Dam, and at river mile 103.0.

SW 1/4, Sec. 18, Twp. 45N, Rng. 9E

42°22'34"N, 88°14'11"W NAD83

Drainage Area = 1,205 mi^2



STAGE

Fox River
Johnsburg, IL

NARRATIVE	STAGE	HISTORICAL
	10	
	9	
	8	
		** 7.55 4/6/1960
	7	
		** 6.52 6/18/2008 ; 6.65 4/25/1993
		** **FLOOD STAGE 6.5'**
		** 6.39 8/27/2007
	6	** 6.06 6/3/2000
	5	
	4	
	3	

ELEVATION ZERO: 733.00
NGVD 1929

FOX RIVER AT STRATTON LOCK AND DAM POOL NEAR MCHENRY, ILLINOIS

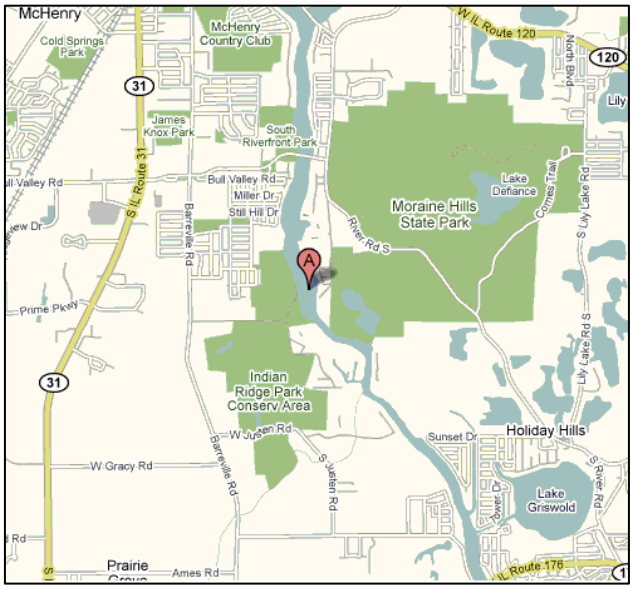
USGS GAGE NUMBER: 05549500

LOCATION: In McHenry County, on the right bank of main channel 300 ft. upstream from Stratton Lock & Dam, 2.5 miles downstream from McHenry, and at river mile 97.8.

NW 1/4, Sec. 12, Twp. 44N, Rng. 8E

42°18'36"N, 88°15'05"W NAD27

Drainage Area = 1,250 mi^2



NARRATIVE	STAGE	HISTORICAL
		Fox River McHenry Pool MCHI2
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	- -----10----- -	
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	- -	** 6.36 4/5/1960
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- -	- ------6------- -	** 6.04 10/2/1986
	- -	** 5.96 4/2/1979
	- -	
	- -	
	- -	
Damage begins to low lying residences **	- -	** **FLOOD STAGE 5.5'**
along Orchard Beach Rd, Riverdale Dr,	- -	
Bayview Dr and River Terrace @ 5.5	- -	** 5.34 4/24/1993
	- -	
	- -	
- -	- ------5------- -	- -
	- -	** 4.92 6/17/2000
	- -	** 4.81 8/27/2007 ; 4.82 6/18/2008
	- -	
	- -	** 4.64 7/19/1996
	- -	
	- -	** 4.47 8/17/1995
	- -	
	- -	
	- -	** 4.17 5/24/1988
- -	- ------4------- -	- -
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- -	- ------3------- -	- -
	+ +++++++++ +	

ELEVATION ZERO: 733.00
NGVD 1929

FOX RIVER AT STRATTON LOCK AND DAM TAILWATER NEAR MCHENRY, ILLINOIS

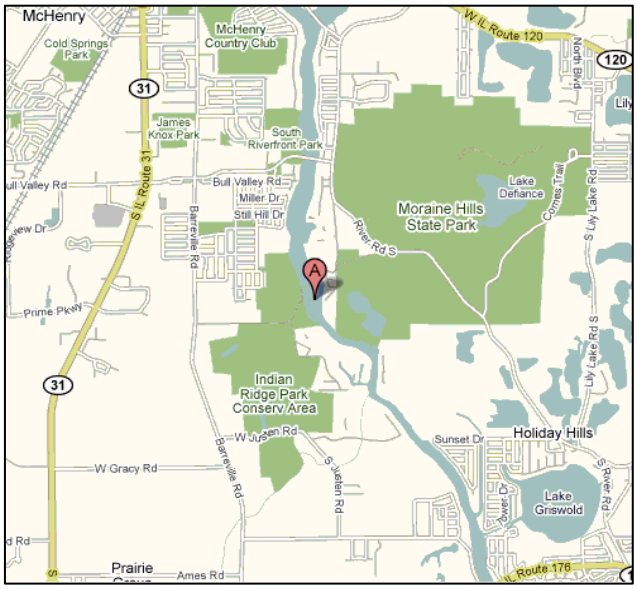
USGS GAGE NUMBER: 05549501

LOCATION: In McHenry County, at the downstream end of the island between the spillway and gate sections of the channel, about 2.6 miles downstream of McHenry, and at river mile 97.8.

NW 1/4, Sec. 12, Twp. 44N, Rng. 8E

42°18'33"N, 88°15'05"W NAD27

Drainage Area = 1,250 mi^2



NARRATIVE	STAGE	HISTORICAL
	Fox River McHenry TW MCHI2	
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	- -	
	- -	** 7.20 10/2/1986
	- -	** 7.04 4/2/1979
- -	- ------7------- -	** MAJOR FLOOD STAGE 7.0' (NWS)
	- -	** 6.95 8/27/2007
	- -	** 6.90 5/6/1973 & 4/24/1993
	- -	** 6.85 6/19/2008
	- -	
	- -	
	- -	** 6.4 3/12/1974
	- -	
	- -	** 6.22 6/17/2000
	- -	
- -	- ------6------- -	** MODERATE FLOOD STAGE 6.0' (NWS)
	- -	** 5.9 5/23/1974
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Damage begins to residences in Frisch's Riverside **	- ------5------- -	- -
subdivision along Lagoon & River Shore Drives @ 5.0	- -	
	- -	
	- -	
	- -	
Damage begins to residences in Holiday Hills **	- -	
subdivision along Holiday Drive @ 4.5	- -	
	- -	
	- -	
	- -	
- -	- ------4------- -	** **FLOOD STAGE 4.0'**
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	- -	
	- -	
	- -	
Residential damage near Rawson Bridge @ 3.0 **	- ------3------- -	- -
	+ +++++++++ +	
		ELEVATION ZERO: 730.15 NGVD 1929

FOX RIVER AT ALGONQUIN, ILLINOIS

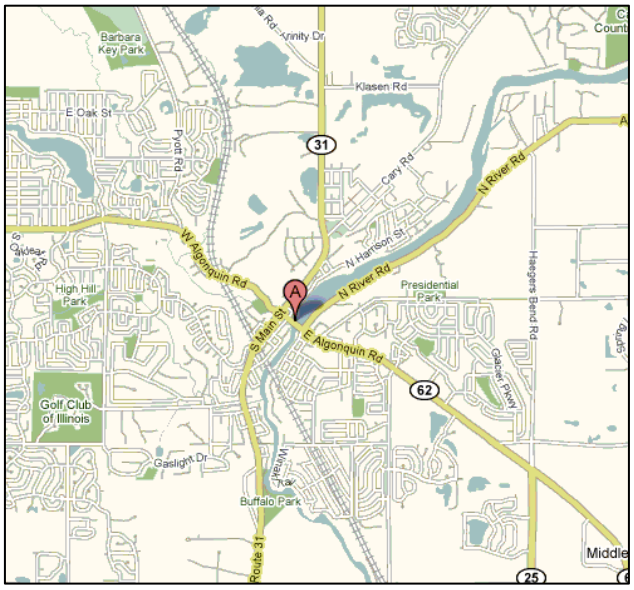
USGS GAGE NUMBER: 05550000

LOCATION: In McHenry County, on the right bank 20 ft. upstream from State Highway 62 (Algonquin Rd) bridge in Algonquin, 140 ft. upstream of Algonquin Dam, and at river mile 81.6.

NW 1/4, Sec. 34, Twp. 43N, Rng. 8E

42°09'59"N, 88°17'25"W NAD27

Drainage Area = 1,403 mi^2



Fox River
Algonquin, IL
ALGI2

NARRATIVE	STAGE	HISTORICAL
	9	
	8	
	7	
	6	
	5	
		** 4.5 4/1/1916
		** 4.42 7/5/1938
		** 4.37 3/16/1929
Damage begins to residences in **	4	** 4.0 4/2/1979 MAJOR STAGE (NWS)
Algonquin along Lowe Drive @ 4.0		** 3.99 10/3/1987
		** 3.75 4/24/1993
Valley View subdivision near St. Charles floods @ 3.5 **		** 3.50 8/25/2007
		** 3.43 6/17/2000
		** MODERATE FLOOD STAGE 3.3' (NWS)
Houses threatened in Richardson Subdivision @ 3.2 **		** 3.24 5/23/1996
Damage begins to residence along River Road in **	3	**** FLOOD STAGE 3.0'**
Fox River Grove, water on streets in mobile home		** 2.99 6/19/2008
park in NW Elgin. Street flooding in Holiday Hills.		
Island Lake near Burton Ridge @ 3.0		
	2	

ELEVATION ZERO: 729.48
NGVD 1929

FOX RIVER AT DAYTON, ILLINOIS

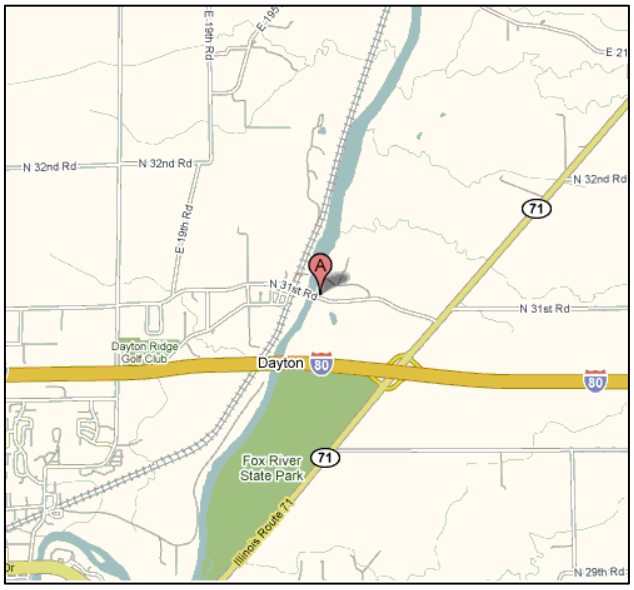
USGS GAGE NUMBER: 05552500

LOCATION: In LaSalle County, on the left bank beneath County Highway 18 bridge, and at river mile 5.2.

SE 1/4, Sec. 29, Twp. 34N, Rng. 4E

41°23'04"N, 88°47'21"W NAD27

Drainage Area = 2642 mi^2



1996 FLOOD INFORMATION

The forebay embankment at the powerhouse just upstream of the gage was overtopped and breached.

Fox River
Dayton, IL
DAYI2

NARRATIVE	STAGE	HISTORICAL
	38	
Dam crest elevation @ 36.50 **		** 36.47 1/25/1960 (ice jam)
	34	
		** 33.19 2/11/1988 (ice jam)
		** 32.00 4/23/1973 ; 32.04 6/14/1952
	30	
Floor of Dayton Powerhouse floods @ 27.00 **		
	26	
		** 24.63 10/11/1954
		** 24.47 7/19/1996
		** MAJOR FLOOD STAGE 24.0' (NWS)
	22	** 22.18 2/11/1974 (ice jam)
		** 21.43 9/14/2008
		** 19.80 2/13/1984
		** 19.52 2/24/1985 (ice jam)
		** 18.59 5/17/1974
	18	
		** 17.70 5/5/1983
		** 17.17 12/3/1982
		** 16.89 8/24/2007
Damage begins to residences in Ottawa ** downstream of I & M Canal @ 15.3		** 14.93 8/27/1987
Damage begins to residences approx. 1 mile ** downstream of Wedron @ 14.0	14	** MODERATE FLOOD STAGE 14.0' (NWS)
Ottawa high school parking lot, lowlands @ 13.0 **		
	12	** **FLOOD STAGE 12.0'**
	10	

ELEVATION ZERO: 462.30
NGVD 1929

GREEN RIVER NEAR GENESEO, ILLINOIS

USGS GAGE NUMBER: 05447500

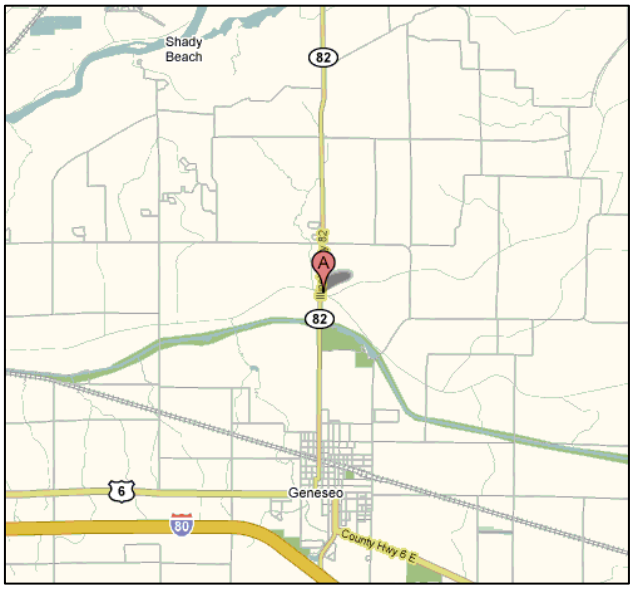
LOCATION: In Henry County, on the right bank at the upstream side of bridge on State Highway 82, 1.4 miles upstream from Geneseo Creek, 2.4 miles north of Geneseo, and at river mile 14.9.

SW 1/4, Sec. 4, Twp. 17N, Rng. 3E

41°29'20"N, 90°09'27"W NAD27

Drainage Area = 1003 mi^2

Note: Prior to September 1997 datum was 580.66



1993 FLOOD INFORMATION

Levee break occurred downstream of Ill. Rte. 84

Green River
Geneseo, IL
GENI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
	- -----26----- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Water reaches the bottom of **	- -----24----- -	- - -

HICKORY CREEK AT JOLIET, ILLINOIS

USGS GAGE NUMBER: 05539000

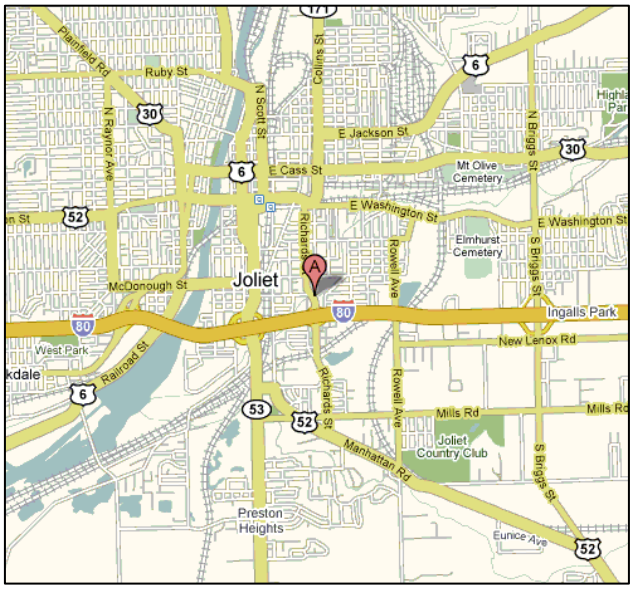
LOCATION: In Will County, on the left bank downstream of the Richards St bridge, 0.6 mi downstream from Spring Creek, and at river mile 1.6.

SW 1/4, Sec. 15, Twp. 35N, Rng. 10E

41°30'54"N, 88°04'24"W NAD27

Drainage Area = 107 mi^2

Gage moved to new location October 2003. Old datum was 526.00'.



STAGE

Hickory Creek
Joliet

NARRATIVE	STAGE	HISTORICAL
	19	
		** 18.37 9/14/2008
	18	
	17	
		** 16.82 6/12/2004
	16	
	15	
		** 14.90 6/13/81 (old datum)
	14	
		** 13.77 7/13/57 (old datum)
	13	
	12	

ELEVATION ZERO: 506.00
NGVD 1929

ILLINOIS RIVER AT MORRIS, ILLINOIS

USGS GAGE NUMBER: NONE*

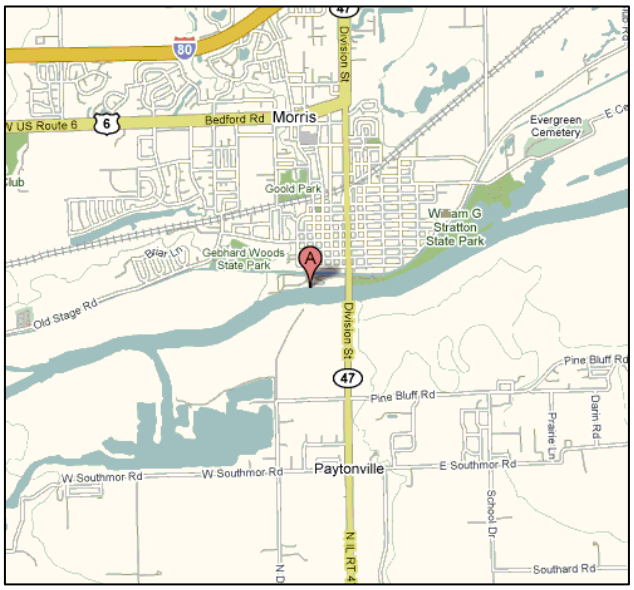
LOCATION: In Grundy County, on the right bank 0.3 mile downstream from State Route 47 Bridge, 0.3 mile upstream from Nettle Creek, and at river mile 263.1.

NE 1/4, Sec. 9, Twp. 33N, Rng. 8E

41°21'16"N, 88°25'37"W

Drainage Area = 7483 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

Houses along Cemetery Road flooded; residents were evacuated by boat. Five structures flooded on Gun Club Road.

Morris Terminal and Elburn Corp. grain bin flooded. The ADM Terminal grain bin and office buildings flooded.

North River Road and Pine Bluff River Road were flooded.

Two residential homes on Pine Meadow Court in Southmor Estates were flooded.

Illinois River
Morris, IL
ILRI2

NARRATIVE	STAGE	HISTORICAL
Damage begins in Seneca @ 29.00 **	29	
Dresden L&D closed @ 28.94 **		
	27	
		** 26.85 1866
	25	** 25.1 2/24/1985
		** 24.84 9/16/2008
		** 23.91 7/14/1957
	23	** 23.13 11/29/1990 ; 23.1 12/4/1982
		** 22.64 2/22/1997
Residential damage in fringes of Morris & Marseilles **		** MAJOR FLOOD STAGE 22.0' (NWS)
Marseilles secondary roads flood @ 22.0		** 21.89 1/14/2005
		** 21.60 3/3/1985 ; 21.69 8/25/2007
		** 21.35 5/13/2002
North River Rd, Morris Public Works flood @ 21.0 **	21	
Damage to low lying residences in Morris @ 20.0 **		
		** 19.4 3/20/1979
	19	
Water approaches a few homes on Cemetery **		
Road on east side of Morris @ 18.5		
Illini Park below Marseilles and **		** MODERATE FLOOD STAGE 18.0' (NWS)
Secondary roads near Morris flood @ 18.0		
Basement of Morris Grain Co. and **	17	
Old Mazon Rd begin flooding @ 17.0		
		** 16.72 6/13/2004
Pine Bluff & Dwight Rds south of river flood @ 16.0 **		** **FLOOD STAGE 16.0**
	15	
Agricultural damage begins @ 13.0 **	13	

ELEVATION ZERO: 478.50
NGVD 1929

ILLINOIS RIVER AT MARSEILLES, ILLINOIS

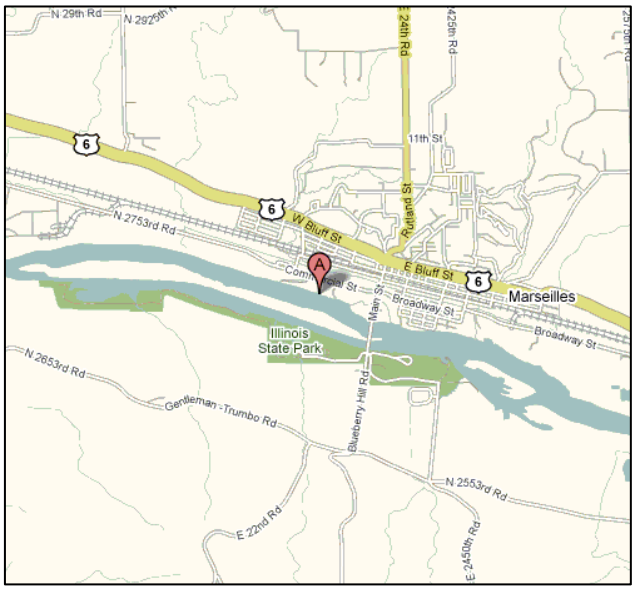
USGS GAGE NUMBER: 05543500

LOCATION: In LaSalle County, on the right bank 0.5 mile downstream from Marseilles dam in Marseilles, 6.9 miles upstream from the Fox River, and at river mile 246.5.

SW 1/4, Sec. 13, Twp. 33N, Rng. 4E

41°19'37"N, 88°43'03"W NAD27

Drainage Area = 8,259 mi^2



2008 FLOOD INFORMATION

There was residential flooding along Commercial St. The Marseilles public works garage flooded, and the ADM terminal grain bin and office buildings flooded.

NARRATIVE	STAGE	Illinois River Marseilles, IL MRSI2 HISTORICAL
	32	
	30	
	28	
		** 27.99 9/16/2008
		** 26.85 2/22/1997
		** 26.78 12/4/1982
	26	
		** 25.79 11/29/1990
		** 25.66 2/24/1985
		** 25.20 7/14/1957
		** 25.08 5/15/1970
		** 24.88 1/14/2005
		** 24.53 7/19/1996 ; 24.52 5/13/2002
		** 24.43 8/25/2007
		** 24.22 5/8/1998
	24	
		** 23.08 3/20/1979
		** 22.51 2/10/2001
	22	
	20	** **FLOOD STAGE 20.0'**
	18	

ELEVATION ZERO: 452.91
NGVD 1929

ILLINOIS RIVER AT MARSEILLES LOCK & DAM TAILWATER AT MARSEILLES, ILLINOIS

USGS GAGE NUMBER: none

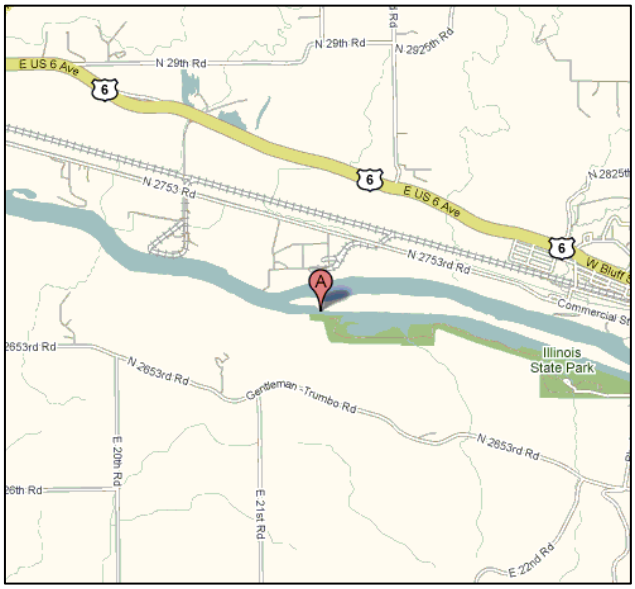
LOCATION: In LaSalle County at river mile 244.5.

SW 1/4, Sec. 15, Twp. 33N, Rng. 4E

41°19'43"N, 88°45'16"W

Drainage Area = 8,259 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



STAGE

Illinois River
Marseilles L&D TW

NARRATIVE	STAGE	HISTORICAL
	----486----	
		** **FLOOD STAGE 485.6'**
	----484----	
	----482----	
	----480----	
	----478----	
	----476----	
		** 475.89 9/16/2008
		** 474.83 2/22/1997
		** 474.70 4/9/1983
	----474----	
		** 473.86 12/5/1982
		** 473.20 2/25/1936
		** 472.71 7/19/1996
	----472----	

ELEVATION ZERO: 0.00
NGVD 1929

ILLINOIS RIVER AT OTTAWA, ILLINOIS

USGS GAGE NUMBER: NONE*

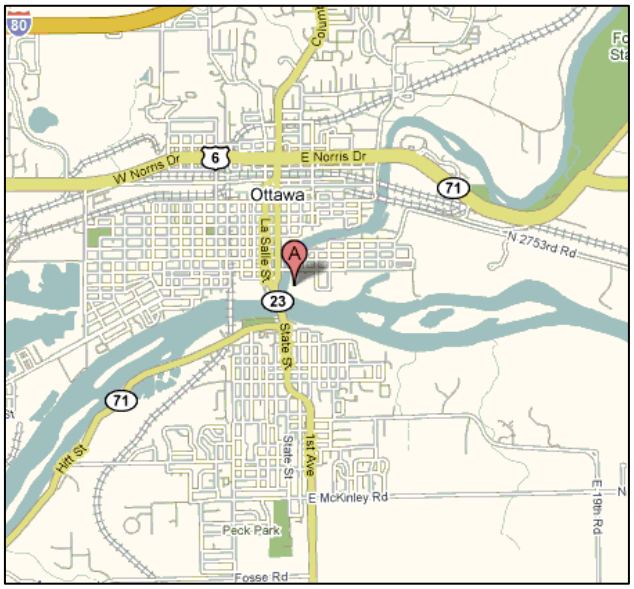
LOCATION: In LaSalle County, Ottawa, IL; on the left descending bank of the Fox River at the confluence with the Illinois River just upstream of the Highway 23 bridge at river mile 239.8

SE 1/4, Sec. 11, Twp. 33N, Rng. 3 E.

41°20'39"N, 88°50'21"W

Drainage Area = 10,950 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

There was isolated residential flooding on Michigan, St. George, Calumet, Superior, Main, and Ontario Streets in Ottawa.

Central School was surrounded by 2' of water. They were flood fighting with pumps and sandbags at all of the doorways

The Ottawa Rescue Squad building was flooded and inaccessible.

STAGE

Illinois River
Ottawa, IL

NARRATIVE	STAGE	HISTORICAL
Top of Illinois River levee at Ottawa High School @ 476.0 **	----476----	
Top of Fox River levee at Ottawa High School @ 474.5 **		
	----474----	
Entrance to the hospital emergency room floods @ 473.0 **		
Top of Illinois River levee at city of Ottawa **		** 472.21 9/16/2008
waste water treatment plant @ 472.2	----472----	
Central School building is surrounded by water @ 470.7 **		
Lift station near YMCA floods @ 470.3 **		** 470.23 3/11/2009
Flooding begins at the hospital loading dock, to residential **	----470----	
property at Shabbona St, and to Green St @ 470.0		
		** MAJOR FLOOD STAGE 469.0' (NWS)
		** 468.87 12/29/2008
River rescue squad threatened @ 468.7 **		
	----468----	** 468.00 5/13/2002
		** 467.80 12/12/2005
River begins to infiltrate Shannon Bldg **		
at Ottawa High School @ 467.0		
	----466----	** MODERATE FLOOD STAGE 466.0' (NWS)
		** 465.00 2/17/2008
Flooding begins at Central School **	----464----	
(infiltration into Boiler Room) @ 464.0		** 463.80 3/1/2007
		** 463.10 12/23/2006
		** **FLOOD STAGE 463.0'**
len Park entrance flooded & west boat dock submerged @ 462.5 **		
River rescue squad boat dock submerged @ 460.8 **	----462----	
Ottawa High School begins flood fighting preperations @ 460.5 **		

ELEVATION ZERO: 0.00
NGVD 1929

ILLINOIS RIVER AT STARVED ROCK LOCK AND DAM, TAILWATER AT STARVED ROCK STATE PARK, ILLINOIS

USGS GAGE NUMBER: NONE*

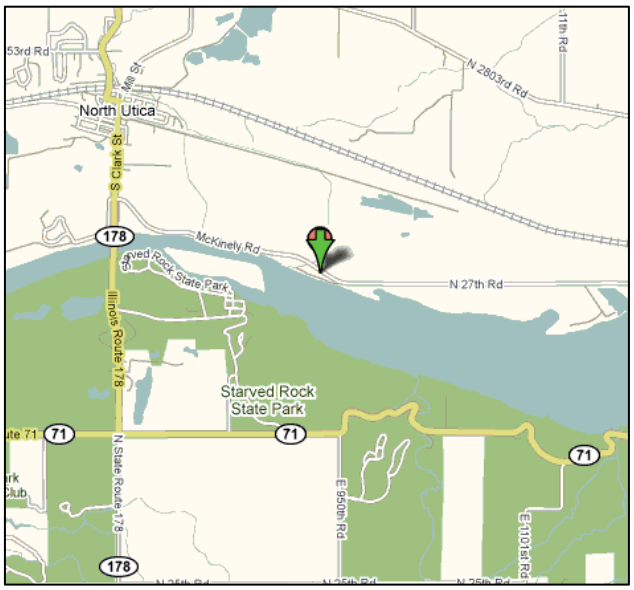
LOCATION: In LaSalle County, at the lock and dam which sits across from Starved Rock State Park, 0.3 miles upstream of Plum Island and at river mile 231.0

SW 1/4, Sec. 15, Twp. 33N, Rng. 2E.

41°19'29"N, 88°59'02"W

Drainage Area = 11,056 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



STAGE

Illinois River
Starved Rock L&D TW

NARRATIVE	STAGE	HISTORICAL
	++++++++	
	----468----	
		** 467.31 9/16/2008
	----466----	
		** 464.70 12/5/1982
		** 464.60 2/22/1997
	----464----	
		** 463.56 3/5/1985
		** 463.40 3/21/1979
		** 463.27 8/25/2007
		** 462.40 5/16/1970
		** 462.26 12/29/2008
	----462----	
Dee Bennet Rd floods @ 459.0 **		** 461.40 1/15/2005 ; 461.42 5/14/2002
	----460----	
	----458----	
	----456----	
	----454----	** **FLOOD STAGE 450.0'**
	++++++++	

ELEVATION ZERO: 0.00
NGVD 1929

ILLINOIS RIVER AT LASALLE, ILLINOIS

USGS GAGE NUMBER: NONE*

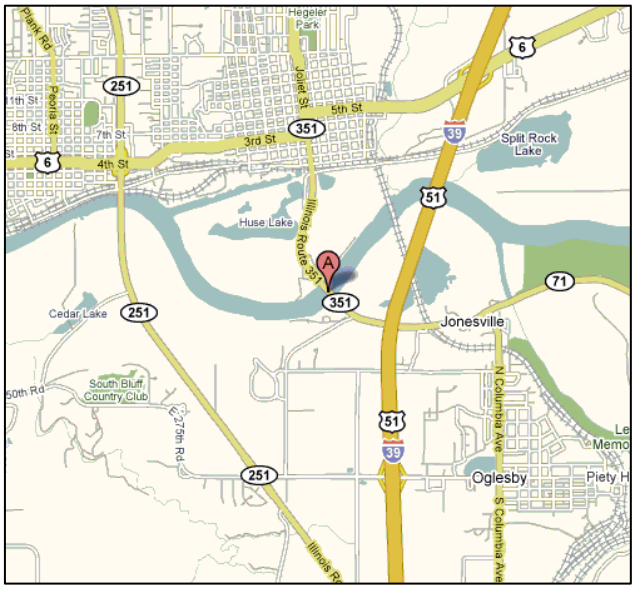
LOCATION: In LaSalle County, near the IL Highway 351 bridge, at river mile 224.7.

SE 1/4, Sec. 22, Twp. 33N, Rng. 1E.

41°18'51"N, 89°05'30"W

Drainage Area = 12,572 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

In LaSalle the La Salle Nursing Home was evacuated and a temporary earthen levee constructed around the facility. The waste water treatment plant flooded, and businesses along Water Street flooded.

In Utica there was substantial residential and commercial flooding along Illinois Route 78 from Clark Street to the river, and along Washington St. Illinois Route 78 was closed.

STAGE

Illinois River
LaSalle, IL
LSLI2

NARRATIVE	STAGE	HISTORICAL
Hennepin Power Plant affected by flooding @ 34.00 **	-----34-----	
		** 33.79 9/16/2008
Business district in LaSalle floods @ 33.0 **		
	-----32-----	** 32.05 12/5/1982
		** 31.8 3/21/1979
		** 31.7 3/6/1985
Starved Rock L&D closed @ 31.5 **		
		** 31.0 5/22/1943 ; 2/22/1997
Flood damage begins in Ottawa @ 31.0 **		** MAJOR FLOOD STAGE 31.0' (NWS)
		** 30.34 8/26/2007
Top of LaSalle water pumping station pit, damage ** to DePue sewage treatment facilities @ 30.0.	-----30-----	** 30.1 5/16/1970
Flooding begins in sections of Peru, Utica ** begins sandbagging south of Washington St @ 29.0		** 28.86 5/14/2002
	-----28-----	
Hennepin Levee overtops at road crossing @ 27.4 **		
		** MODERATE FLOOD STAGE 27.0' (NWS)
		** 26.9 1986
	-----26-----	** 26.15 1/28/1974
		** 25.63 5/31/1995
	-----24-----	** 24.01 6/14/2004
Riverside parking lot at Starved Rock State park ** floods @ 22.0	-----22-----	
Agricultural flooding of bottomlands 6 miles ** upstream and 12 miles downstream @ 21.00		
Agricultural areas in LaSalle, Spring Valley, & ** Peru lowlands are flooded @ 20.0	-----20-----	** **FLOOD STAGE 20.0'**
Agricultural damage begins on right bank @ 17.0 **		

ELEVATION ZERO: 430.00
NGVD 1929

ILLINOIS RIVER AT HENRY, ILLINOIS

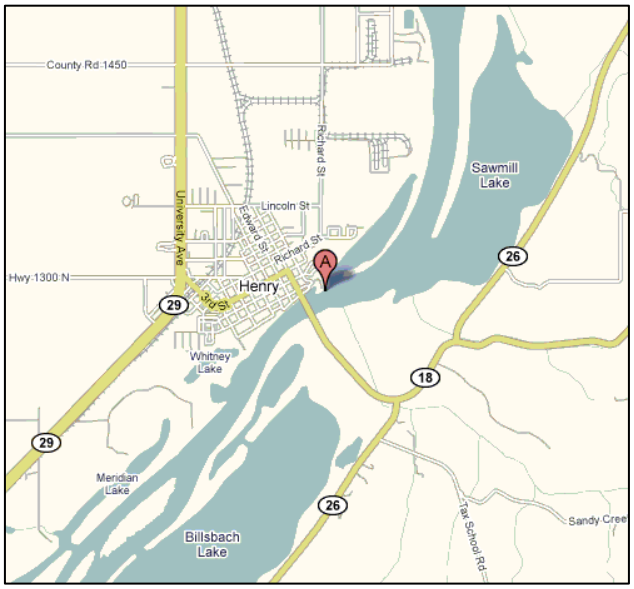
USGS GAGE NUMBER: 05558300

LOCATION: In Marshall County, on the right bank about 600 ft. upstream from the bridge on State Highway 18, 4.4 miles upstream from Crow Creek, 38.2 miles upstream of Peoria Lock and Dam, and at river mile 196.0.

SW 1/4, Sec. 15, Twp. 13N, Rng 10E

41°06'26"N, 89°21'23"W

Drainage Area = 13,543 mi^2



Illinois River
Henry, IL
HNYI2

NARRATIVE	STAGE	HISTORICAL
	33	
IL Rt 18 is closed in Marshall Co. Parts of IL Rt 17 ** between Sparland and Lacon are closed @ 32.5		** 32.67 3/22/1979
IL Rt 18 between Henry and IL Rt 26 begins to flood ** Part of IL Rt 17 begins to flood @ 32.0		** 32.02 3/7/1985
		** 31.07 9/19/2008
	31	** MAJOR FLOOD STAGE 31.0' (NWS)
		** 30.75 3/22/1982
Marina Building, Waterworks Park and grain loading ** facility in Henry are flooded @ 30.5		** 30.6 3/21/1997 ; 30.70 12/8/1982
Homes in Henry begin to flood @ 29.6 **		
	29	
		** 28.84 5/29/1995
		** 28.58 11/23/1985
		** 28.3 5/18/2002
Damage begins to buildings east of ** IL Rt. 29 in Sparland @ 28.0		** 27.93 1/17/2005
	27	
		** 26.75 4/22/1993
	25	
		** 24.68 2/19/1984
		** MODERATE FLOOD STAGE 24.0' (NWS)
Marina in Henry affected, minor lowland flooding @ 23.0 **	23	** **FLOOD STAGE 23.0'**
	21	
	19	

ELEVATION ZERO: 425.88
NGVD 1929

ILLINOIS RIVER AT PEORIA, ILLINOIS

USGS GAGE NUMBER: NONE*

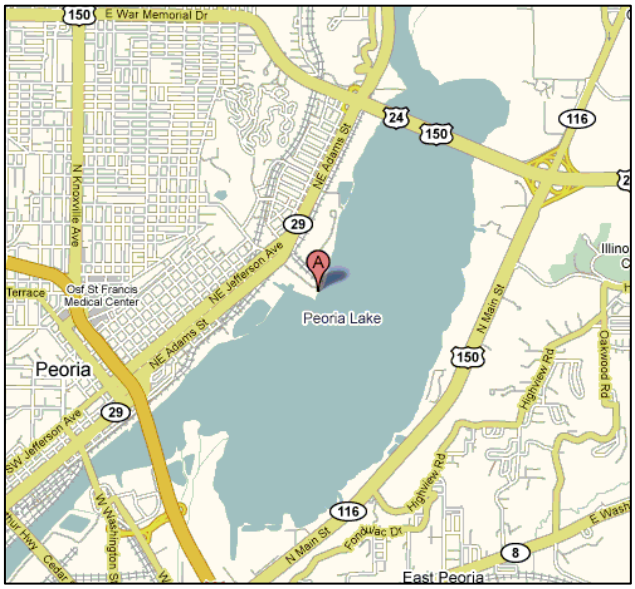
LOCATION: In Peoria County - Peoria, at foot of Grant Street, 2.2 miles upstream from Farm Creek, 4.5 miles upstream from Kickapoo Creek, and at mile 164.6.

SE 1/4, Sec. 9, Twp. 8N, Rng. 8E

40°42'08"N, 89°33'52"W

Drainage Area = 14,165 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



Illinois River
Peoria, IL
PIAI2

NARRATIVE	STAGE	HISTORICAL
	+ ++++++++ +	
Peoria Sanitary District Levee overtops @ 30.6 **	-----30-----	
Water overtops the Levees @ Pekin STP & Komatsu **		
Dresser @ 30.0		
Overtop Pekin & LaMarsh levee at R.R. crossing **		
Constitution Avenue in Peoria flooded @ 29.0		** 28.8 3/24/1979 ; 28.89 5/23/1943
4 blocks of Water Street in Peoria inundated @ 28.7 **		
		** 28.4 3/7/1985
	-----28-----	** MAJOR FLOOD STAGE 28.0' (NWS)
		** 27.5 12/10/1982
		** 27.07 9/19/2008
		** 26.86 3/3/1997
Several houses in Rome and **		
Chillicothe become isolated @ 26.5		
Overtop East Peoria Sanitary District levee @26.0 **	-----26-----	
		** 25.9 5/30/1995
Riverfront Village and 1 block Water Street @ 25.2 **		
Layne Crossing, North Street in Rome & Chilicothe area. **		
Poplar Lane floods in Peoria Heights @ 25.1		** 25.25 5/18/2002
Damage begins at Pekin STP & minor property **		
damage in Peoria by the river @ 25.0		
River Beach Dr & 2nd St + minor home damage @ 24.5 **		
Overtop Wabco levee @ 24.4 **		
Water begins covering streets in East Peoria @ 24.0 **	-----24-----	
Secondary roads affected in Peoria Co. and **		
basement flooding begins in Rome @ 23.0		
Flooding begins to low lying areas in Peoria **		
Heights & Peoria's Riverfront Park @ 22.7		
	-----22-----	** MODERATE FLOOD STAGE 22.0' (NWS)
		** 20.5 7/29/1993
	-----20-----	
		** 19.13 6/16/2004
Flooding of unprotected bottomlands @ 18.0 **	-----18-----	** **FLOOD STAGE 18.0'**
	-----16-----	
	+ ++++++++ +	

ELEVATION ZERO: 428.39
NGVD 1929

ILLINOIS RIVER AT KINGSTON MINES, ILLINOIS

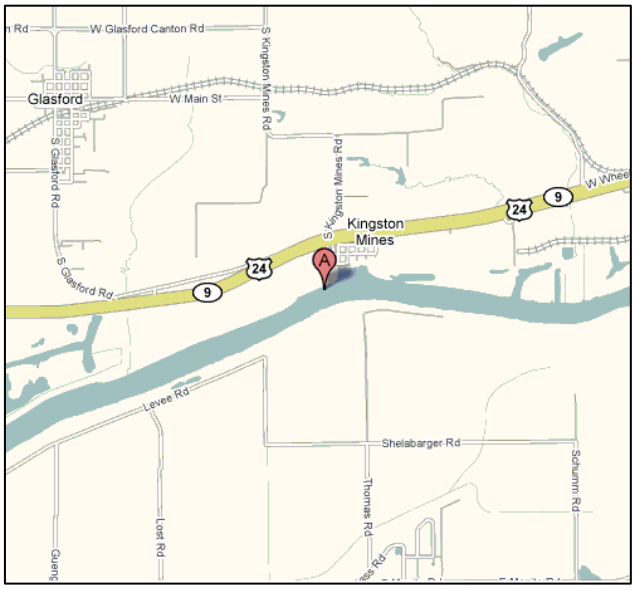
USGS GAGE NUMBER: 05568500

LOCATION: In Peoria County, on the right bank at Kingston Mines, 2.3 miles downstream from the Mackinaw River, and at river mile 145.4.

SE 1/4, Sec. 26, Twp. 7N, Rng. 6E

40°33'11"N, 89°46'38"W NAD27

Drainage Area = 15,818 mi^2



Illinois River
Kingston Mines, IL
KNGI2

NARRATIVE	STAGE	HISTORICAL
	30	
Homes in low lying area S of IL Rte 29 flood @ 29.0 **		
	28	
	26	
		** 25.74 5/23/1943
		** 25.55 3/6/1985
		** 25.22 3/24/1979
		** 24.79 9/20/2008
		** 24.37 12/07/1982
		** 24.34 5/29/1995
	24	
		** 23.02 3/1/1997
		** 22.51 5/16/2002
		** 22.22 5/18/1970
	22	
		** 21.74 1/17/2005
	20	** **FLOOD STAGE 20.0'**
	18	
	16	

ELEVATION ZERO: 428.00
NGVD 1929

ILLINOIS RIVER AT HAVANA, ILLINOIS

USGS GAGE NUMBER: NONE*

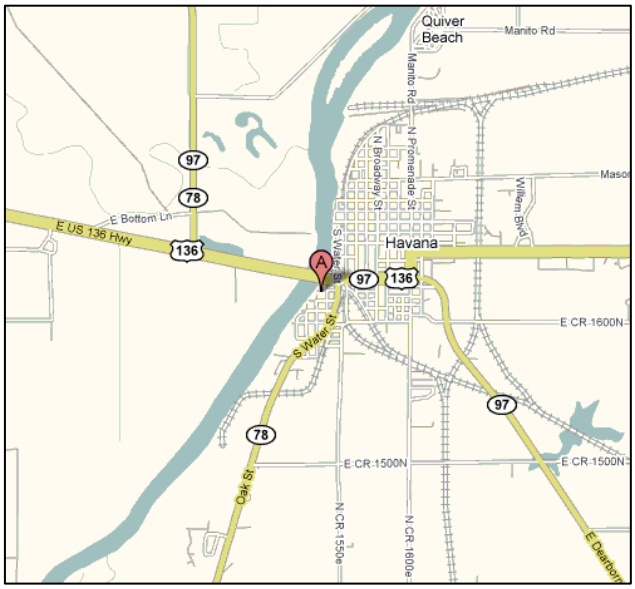
LOCATION: In Mason County, on left bank 100 ft. downstream of U.S. Highway 136 bridge in Havana, 0.8 mile downstream from mouth of Spoon River, and at river mile 119.6.

NW 1/4, Sec. 36, Twp. 22N, Rng. 8W

40°17'34"N, 90°04'07"W

Drainage Area = 18,299 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

The Globe(Crabtree) levee overtopped flooding agricultural land.

Illinois River
Havana, IL
HAVI2

NARRATIVE	STAGE	HISTORICAL
	32	
Liverpool levee overtops @ 30.5 **		
	30	
	28	
Overtop Thompson Lake levee @ 27.0 **		** 27.1 5/26/1943
		** 26.4 3/9/1985
		** 26.33 5/31/1995
Overtop Big Lake Levee @ 26.0' **	26	
		** 25.2 12/11/1982
		** 25.1 4/3/1979
	24	
		** 23.54 9/22/2008 ; 23.68 3/4/1997
		** 23.4 7/29/1993
		** 23.06 5/1926
Overtop Globe (Crabtree) levee @ 23.0 **		** MAJOR FLOOD STAGE 23.0' (NWS)
	22	
	20	
	18	
		** 17.7 12/13/2004
		** MODERATE FLOOD STAGE 17.0' (NWS)
	16	
Minor agricultural flooding of unprotected lands @ 14.0 **	14	** **FLOOD STAGE 14.0'**

ELEVATION ZERO: 424.40
NGVD 1929

ILLINOIS RIVER AT BEARDSTOWN, ILLINOIS

USGS GAGE NUMBER: NONE*

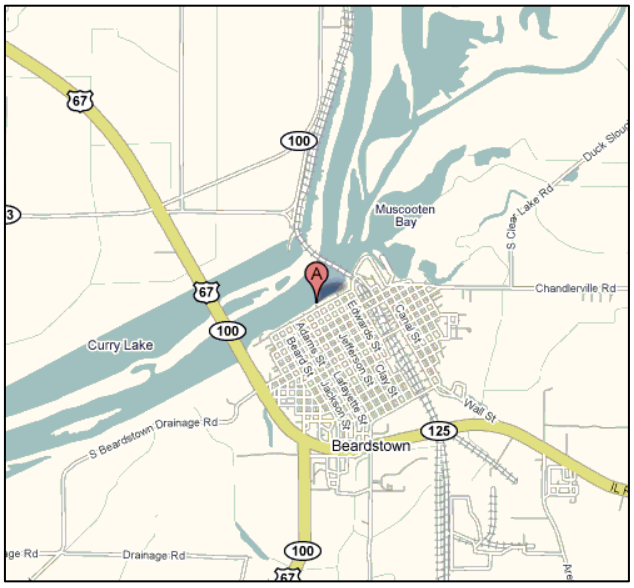
LOCATION: In Cass County, 0.9 mile upstream from State Rt 100 Bridge, 0.3 mile downstream from Burlington Northern Santa Fe Railroad Bridge. At river mile 88.6.

NW 1/4, Sec. 15, Twp. 18N, Rng. 12W

40°01'13"N, 90°26'12"W

Drainage Area = 24,227 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



1993 FLOOD INFORMATION

The Lost Creek D&LD placed sandbags were stacked 3 high on top of the levee. Some crops were lost due to standing seepage water.

Streets in the village of Beardstown collapsed due to surcharged groundwater carrying material into the combined sewer system. Extra pumping and treatment of the flows in the combined sewer system was also required.

NARRATIVE	STAGE	HISTORICAL
	Illinois River Beardstown, IL BEAI2	
	+ +++++++++ +	
	- -----36----- -	
Overtop Lost Creek levee @ 35.1 **	- -	
Overtop South Beardstown levee & **	- -	
Beardstown seawall @ 35.0	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
- - -

ILLINOIS RIVER AT LA GRANGE LOCK AND DAM
LOWER TAILWATER AT LA GRANGE, ILLINOIS

USGS GAGE NUMBER: NONE*

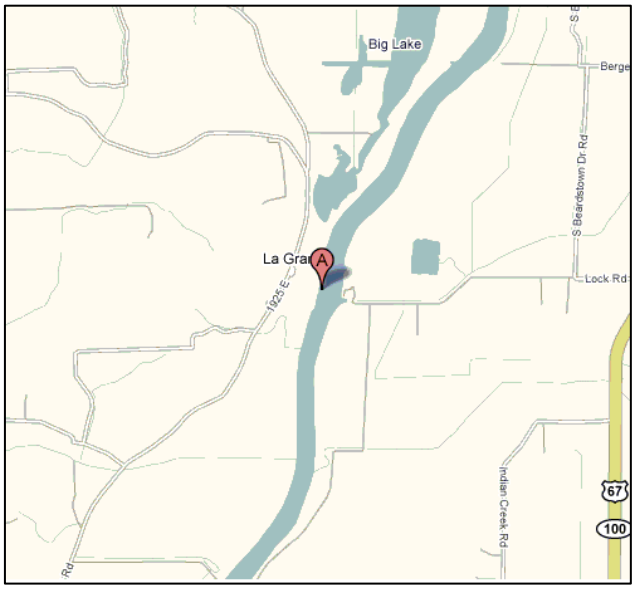
LOCATION: At LaGrange Lock & Dam, near Big Lake in Brown County at river mile 80.2. The gage is located on the light structure downstream of the lower miter gate of the lock chamber.

NE 1/4, Sec. 32, Twp. 17N, Rng. 2W

39°57'00"N, 90°32'10"W

Drainage Area = 25,700 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



Illinois River
LaGrange Lower TW
NLGI2

NARRATIVE	STAGE	HISTORICAL
	36	
	34	** 34.02 6/1/1995
		** 33.6 5/26/1943
		** 33.34 5/20/2002
		** 33.1 3/10/1985
		** 32.8 4/19/1979
		** 32.45 7/27/1993
	32	** 32.05 12/12/1982
	30	
		** 29.32 1/2/2005 ; 29.35 9/24/2008
	28	
		** MAJOR FLOOD STAGE 27.0' (NWS)
		** 26.4 3/3/2001
	26	
		** 25.25 4/4/2007
		** MODERATE FLOOD STAGE 23.0' (NWS)
	24	
		** 23.02 12/15/2004
		** **FLOOD STAGE 23.0'**
	22	

ELEVATION ZERO: 413.50
NGVD 1929

ILLINOIS RIVER AT MEREDOSIA, ILLINOIS

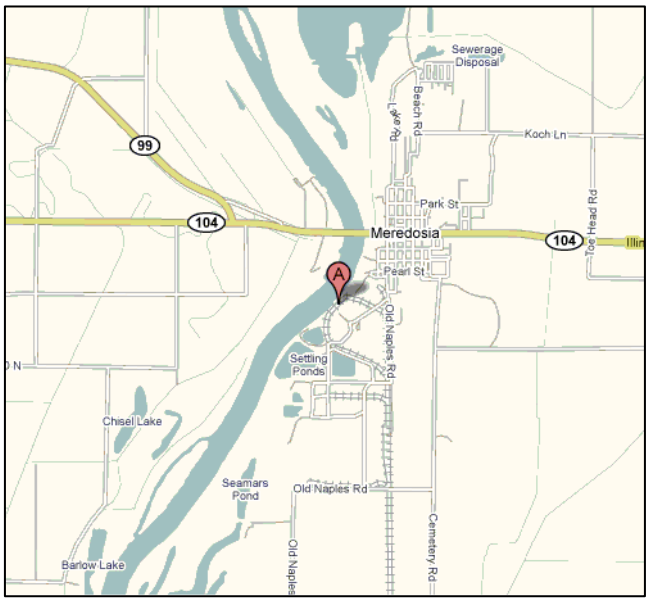
USGS GAGE NUMBER: 05585500

LOCATION: In Morgan County, at Central Illinois Public Service Company in Meredosia, attached to the intake pier on the left bank at river mile 70.8.

SE 1/4, Sec. 21, Twp. 16N, Rng. 13W

39°49'24"N, 90°34'05"W NAD27

Drainage Area = 26,029 mi^2



1993 FLOOD INFORMATION

The McGee Creek D&LD had seepage water damages.

At the Willow Creek D&LD sandbags were placed 1.5' high on the levee and a bulldozer was also used to build up the levee.

At the Little Creek D&LD sandbags were stacked 3 high on the levee.

NARRATIVE	STAGE	HISTORICAL
	Illinois River Meredosia, IL MROI2	
	+ +++++++++ +	
	----458----	
Coon Run Levee is overtopped @ 456 **		
	----454----	
McGee Creek Levee is overtopped @ 451.5 **		
	----450----	
Meredosia Lake Levee is overtopped @ 449.0 **		
Willow Creek Levee is overtopped @ 448.0 **		
Burlington Northern Railroad & levee **		
at IL Rt 104 overtop @ 447.8		
		** 446.7 5/26/1943
		** 446.3 5/30/1995
Water overtops Northern Meredosia Levees and **	----446----	
flood fighting begins at Willow Creek D&LD @ 446.0		** 445.57 5/19/2002 ; 445.62 3/10/1985
Flood fighting begins at Coon Run D&LD **		** 445.28 4/19/1979
and Meredosia Lake D&LD @ 445.0		** 444.96 7/28/1993
Floodwater overtops Little Creek Levee @ 444.9 **		** 444.4 12/12/1982
		** 443.56 3/24/1982
Flood fighting begins at Little Creek D&LD @ 443.4 **		
		** 442.85 11/27/1985
	----442----	
		** 441.5 9/24/2008 ; 441.53 1/21/2005
		** 441.4 6/6/1996
Meredosia Lake Road overtopped @ 440.4 **		
	----438----	** MAJOR FLOOD STAGE 438.0' (NWS)
City of Meredosia plugs storm sewer outlets @ 436.0 **		
		** MODERATE FLOOD STAGE 435.0' (NWS)
Meredosia boat dock floods @ 435.4 **		** 434.8 12/15/2004
	----434----	
		** **FLOOD STAGE 432.0'**
	----430----	
	+ +++++++++ +	

ELEVATION ZERO: 0.00
NGVD 1929

ILLINOIS RIVER NEAR VALLEY CITY, ILLINOIS

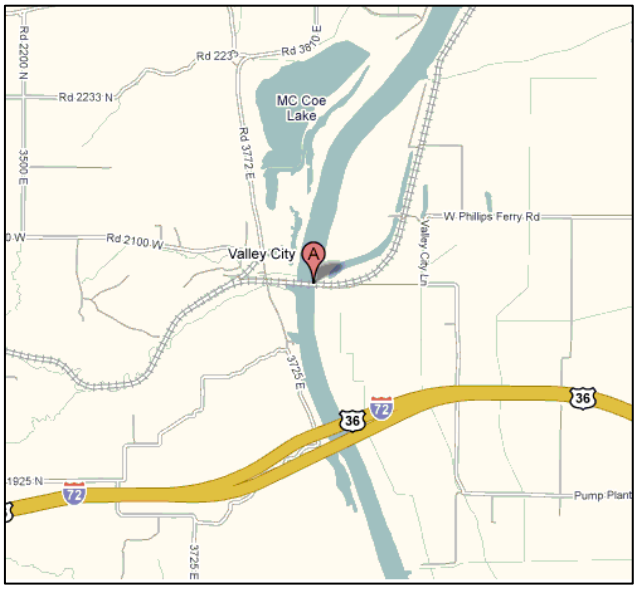
USGS GAGE NUMBER: 05586100

LOCATION: In Scott County, on the left bank on the upstream side of the Norfolk & Southern railroad bridge at Flints Creek, 0.4 miles east of Valley City, 1.8 miles downstream of Mauvaise Terre Creek, and at river mile 61.3.

NW 1/4, Sec. 34, Twp. 15N, Rng. 14W

39°42'12"N, 90°38'43"W NAD27

Drainage Area = 26,743 mi^2



1993 FLOOD INFORMATION

At the Big Swan D&LD sandbags were stacked 7 high during peak flow conditions to prevent overtopping.

At the Valley City D&LD sandbags were stacked 3 high during peak flow conditions to prevent overtopping.

Two residential structures were damaged at Montezuma. Nine residential and two commercial structures were damaged at Florence. Ten residential and two commercial structures were damaged at Valley City.

Illinois River
Valley City, IL
VALI2

NARRATIVE	STAGE	HISTORICAL
	29	
		** 28.61 5/26-28/1943 (Record Stage)
Residential structure in Montezuma begins to flood @ 27.7 **		** 27.62 3/11/1985
Flood water overtops Mauvaise Terre D&LD @ 27.4 **		
		** 27.28 4/18/1979
	27	
Flood water overtops Valley City D&LD @ 26.8 **		
		** 26.45 5/31/1995
Flood water overtops Scott County D&LD and Big Swan D&LD @ 25.7 **		** 25.95 7/31/1993
Residential Structure in Valley City begins to flood @ 25.6 **		** 25.69 5/19/2002
Flooding begins to affect residences in Florence @ 25.5 **		
	25	
Floodfighting begins at Scott County D&LD @ 24.7 **		
Floodfighting begins at Valley City D&LD @ 24.2 **		
Flood begins to affect businesses in Florence @ 23.7 **		
	23	
Second abandoned business in Valley City begins to flood @ 22.6 **		
		** 21.45 6/7/1996 ; 21.22 9/25/2008
Floodfighting begins at Big Swan D&LD @ 21.0 **	21	** MAJOR FLOOD STAGE 21.0' (NWS)
Low roads in Florence overtopped @ 20.3 **		
Cargill Company in Florence begins flood fighting @ 20.1 **		
		** 19.27 5/17/1998
	19	
		** 18.49 3/2/2001
Abandoned business in Valley City begins to flood and main road is overtopped @18.0 **		
	17	
		** MODERATE FLOOD STAGE 16.0' (NWS)
	15	
Road to Norbut Fish & Wildlife area flooded @14.0 **		** 14.06 6/21/2004
	13	
	11	** **FLOOD STAGE 11.0'**

ELEVATION ZERO: 418.00
NGVD 1929

ILLINOIS RIVER AT HARDIN, ILLINOIS

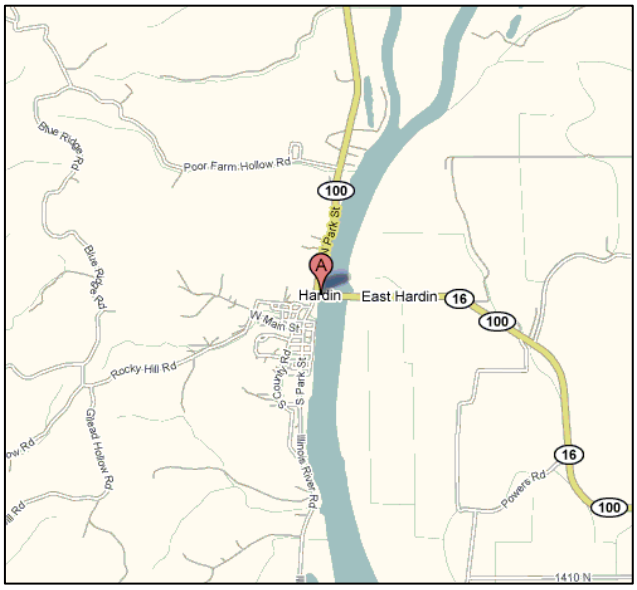
USGS GAGE NUMBER: 05587060

LOCATION: In Calhoun County, on the right bank at the downstream side of the bridge on State Highways 16 and 100 in Hardin, 1.6 miles downstream from Macoupin Creek, and at river mile 21.5.

NW 1/4, Sec. 26, Twp. 10S, Rng. 2W

39°09'37"N, 90°36'55"W NAD27

Drainage Area = 28,690 mi^2



1993 FLOOD INFORMATION

Sandbags were stacked 3' high on the Nutwood D&LD levee which was overtopped and failed on July 18 flooding about 11,300 acres of farmland.

The well field for Jerseyville was covered by 10' to 15' of flood water.

Sandbags were stacked 40" high on the Hartwell D&LD levee which was overtopped and failed on August 1. Eighteen residences and 10,000 acres of farmland were damaged.

The sandbagged Hillview D&LD levee was overtopped and failed on August 1. Nine farmsteads and 12,900 acres of farmland were damaged. The village of Hillview water treatment plant was flooded to a depth of 5' and the storage tanks floated from their mornings.

The sandbagged Eldred D&LD levee was overtopped and failed on August 1 damaging 8,400 acres of farmland and the farmsteads. The sandbagging closed Ill. Rte. 108 to the Kampsville Ferry.

Illinois River
Hardin, IL
HARI2

NARRATIVE	STAGE	HISTORICAL
	49	
	45	
Damage begins to buildings in Bedford @ 42.4 **		** 42.36 8/3/1993
	41	
Damage begins to buildings in Eldred @ 40.6 **		
Overtop the levee on Hurricane Creek in Hillview @ 39.8 **		
The Hillview D&LD levee is overtopped @ 39.0 **		
The Hartwell levee is overtopped @ 38.6 **		
		** 38.2 4/29/1973
The Nutwood levee is overtopped @ 37.0 **	37	
		** 36.7 5/29/1995
		** 36.5 4/14/1979
		** 35.84 6/28/2008
The Eldred levee is overtopped @ 35.4 **		
Flood fighting in Hillview and Hillview D&LD; **		** 34.8 5/16/2002
Calhoun Care Center floods @ 35.0		** 34.6 4/27/1993 ; 34.5 10/9/1985
IL River Road in South Hardin is overtopped @ 34.7 **		** 34.42 10/9/1986
IL Rt 100 is flooded north of Hardin @ 34.0 **		
IL Rt 96 is flooded in Kampsville and Mozier @ 33.8 **		** 33.75 12/8/1982
Business in Hardin begins to flood and **	33	
River Rd in Bedford is overtopped @ 33.0		** 32.9 6/3/1996
Damage begins to business in Kampsville @ 31.9 **		** MAJOR FLOOD STAGE 32.0' (NWS)
		** MODERATE FLOOD STAGE 31.0' (NWS)
		** 30.22 5/19/2001
American Legion Hall in Kampsville surrounded by water (sandbagged in 2009) @ 29.3 **		
Brussels Ferry Service is interrupted @ 29.0 **	29	
		** 28.88 1/22/2005
		** 27.64 4/6/2007
River Road in Bedford begins to flood @ 27.0 **		** 27.21 6/06/2004
Lowland flooding of unprotected ** agricultural land begins @ 25.0	25	** **FLOOD STAGE 25.0'**
	21	

ELEVATION ZERO: 400.00
NGVD 1929

Sandbags were stacked 4' high at Eldred which prevented damage to about 1 block of houses.

At Kampsville the Kampsville Inn & American Legion were damaged on 7/3, Ill. Rte 96 & 100 closed on 7/6, Gardener's Grocer was damaged on 7/7,the detour for Rte. 96 & 100 was closed on 7/12, the sandbags overtopped and homes flooded on 7/22, the Town Hall flooded on 7/31, St. Annelis Church was damaged on 8/31.

Three residences were damages at Pearl and Ill. Rte. 100 was closed to traffic from July 7 to August 18.

Thirty-eight residences, 3 businesses, and 2 churches in Hillview were flooded. Nine residences were flooded in Bedford.

At Hardin the sewage and water treatment plants were damaged. Sandbags were placed around the medical facility and nursing home at the south end of town but the facilities had to be evacuated and were eventually damaged when these temporary levees failed. Sandbag levees were placed all along the river but they failed causing damage to the bank, the village hall and fire department. About 80 buildings were damaged in Hardin. With the closure of the ferries at Grafton and Kampsville and the flooding of Ill. Rte. 100 on the east side of the Illinois River due to the failure of the Nutwood levee Hardin and most of Calhoun County could be reached by land only on township roads along the bluffs to the north.

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IROQUOIS RIVER AT IROQUOIS, ILLINOIS

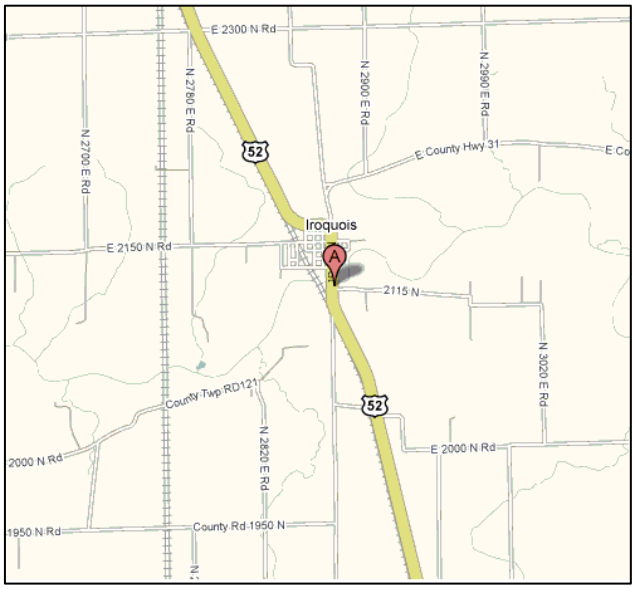
USGS GAGE NUMBER: 05525000

LOCATION: In Iroquois County, on the left bank on the upstream side of the U.S. Highway 52 bridge in Iroquois. 500 ft. upstream from the Penn Central Railroad bridge, 4.5 miles downstream from Illinois-Indiana State line, and at river mile 50.4.

SE 1/4, Sec. 15, Twp. 27N, Rng. 11W

40°49'22"N, 87°34'53"W NAD27

Drainage Area = 686 mi^2



Iroquois River
Iroquois, IL
IRQI2

NARRATIVE	STAGE	HISTORICAL
	30	
Water reaches bottom of US Hwy 52 bridge @ 29.60 **		
	28	
Water affects houses near US Hwy 52 bridge @ 27.0 **		
		** 26.31 6/13/1958
	26	
		** 25.75 1/09/2008 ; 25.74 7/12/2003
River bottom land and houses begin to flood @ 25.0 **		** MAJOR FLOOD STAGE 25.0' (NWS)
		** 24.59 12/30/1990
	24	** MODERATE FLOOD STAGE 24.0' (NWS)
		** 23.81 3/5/1979
		** 23.46 3/13/1990 ; 23.54 1/14/2005
		** 23.35 10/21/1993
		** 22.74 6/13/2004
		** 22.29 1/7/1993
	22	
		** 21.94 2/28/1997
	20	** 20.10 5/28/1995
Agricultural areas near the river begin to flood @ 18.0 **	18	** **FLOOD STAGE 18.0'**
	16	

ELEVATION ZERO: 614.34
NGVD 1929

IROQUOIS RIVER AT WATSEKA, ILLINOIS

USGS GAGE NUMBER: NONE*

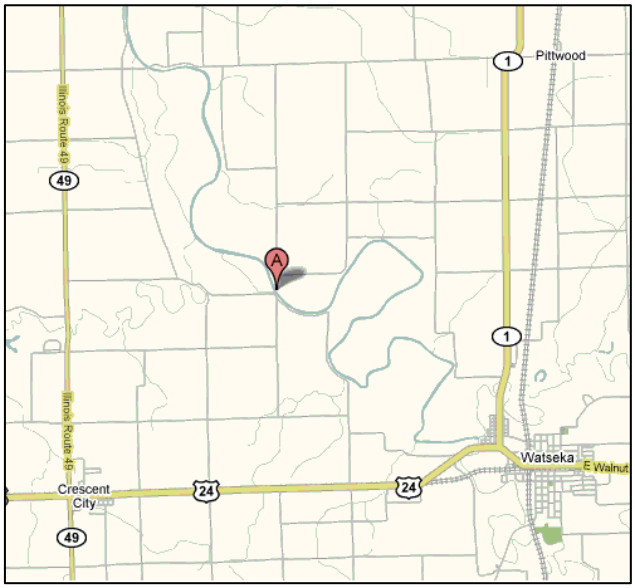
LOCATION: In Iroquois County, at county road bridge 3.0 miles west of and 2.75 miles north of Watseka, and at mile 23.4.

NE 1/4, Sec. 22, Twp. 27N, Rng. 13W

40°48'45"N, 87°48'26"W

Drainage Area = 1325 mi^2

*Data regarding flood stages are based upon a gage operated by the IDNR/Office of Water Resources at this station.



2008 FLOOD INFORMATION

Floodwaters overtopped the gage house and destroyed the streamgage equipment during the January flood event.

475 properties were damaged with 22 of those being substantially damaged (50% or more damage to the structure.)

STAGE

Iroquois River
Watseka, IL

NARRATIVE	STAGE	HISTORICAL
	30	
		** 28.7 3/6/1979
	28	
		** 26.96 2/1982
Damage begins to pumps at Watseka ** sewage treatment plant @ 26.0	26	** 26.00 5/15/1970
Damage begins in Watseka @ 25.5 **		
		** 24.98 6/5/1980
	24	
		** 23.20 2/14/1984
	22	** 22.04 5/17/1981
		** 21.99 4/25/1973 & 12/22/1990
		** 21.4 1/24/1974 & 5/4/1983
		** 21.27 1/13/1975
		** 21.01 3/22/1978
	20	
	18	
	16	

ELEVATION ZERO: 597.00

IROQUOIS RIVER NEAR CHEBANSE, ILLINOIS

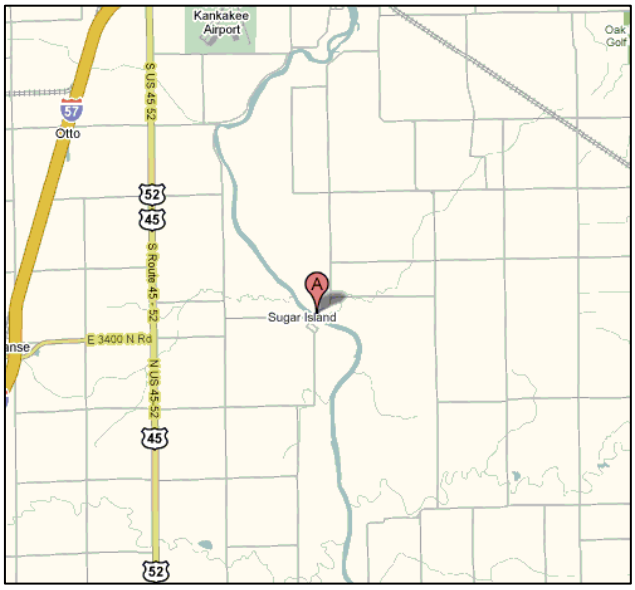
USGS GAGE NUMBER: 05526000

LOCATION: In Kankakee County, on the right bank at the upstream side of the county highway bridge, 3.1 miles downstream from Beaver Creek, 4.5 miles east of Chebanse, and at river mile 6.5.

SW 1/4, Sec. 10, Twp. 29N, Rng. 13W

41°00'32"N, 87°49'24"W NAD27

Drainage Area = 2,091 mi^2



Iroquois River
Chebanse, IL
CHBI2

NARRATIVE	STAGE	HISTORICAL
	22	
		** 21.68 3/7/1979 (backwater)
		** 21.6 spring 1913
	21	
		** 20.07 1/11/2008 ; 20.1 5/13/1933
	20	** MAJOR FLOOD STAGE 20.0' (NWS)
		** 19.68 5/20/1943
		** 19.60 1/1/1913
	19	
		** 18.96 2/24/1982
		** 18.63 1/15/2005 ; 18.6 5/15/1970
Evacuations begin in Watseka @ 18.5 **		
		** 18.22 1/1/91
Secondary roads near river flood @ 18.0 **	18	** MODERATE FLOOD STAGE 18.0' (NWS)
		** 17.76 2/25/1985
		** 17.7 2/4/1968
		** 17.24 3/13/1990
	17	
		** 16.92 4/15/1994
		** 16.12 3/26/2007
Agricultural land and some outbuildings near the river **	16	** **FLOOD STAGE 16.0'**
begin to be affected by floodwaters @ 16.0		
	15	
Farmland several miles US floods @ 12.5 **		

ELEVATION ZERO: 595.99
NGVD 1929

KANKAKEE RIVER AT MOMENCE, ILLINOIS

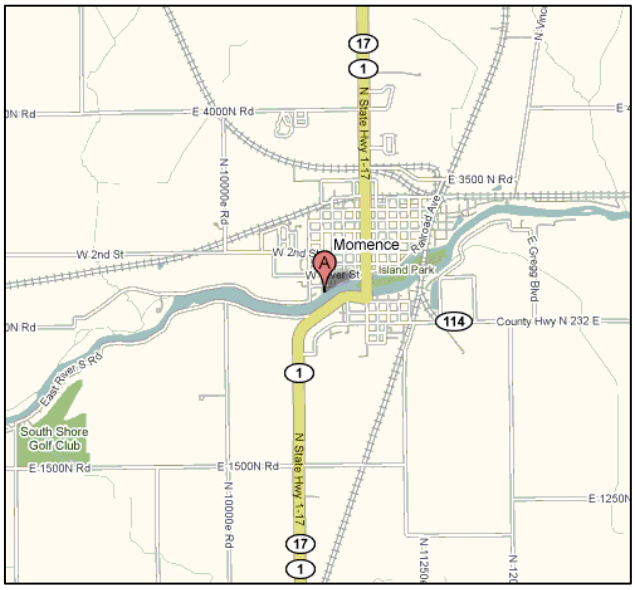
USGS GAGE NUMBER: 05520500

LOCATION: In Kankakee County, on the right bank at Hill Street in Momence, 0.2 mile downstream from the bridge on State Highway 1 & 17, 1.2 miles upstream from Tower Creek, and at river mile 47.9.

NE 1/4, Sec. 24, Twp. 31N, Rng. 13E

41°09'36"N, 87°40'07"W NAD27

Drainage Area = 2,294 mi^2



Kankakee River
Momence, IL
MOMI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
	- -----11----- -	
	- -	
	- -	
	- -	
	- -	
	- -	** 10.51 3/6/1979 (ice jam)
	- -	
	- -	
	- -	
	- -	
- -	- -----10----- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	** 9.09 1/25/1930 (ice jam)
- -	- ------9------ -	** MAJOR FLOOD STAGE 9.0' (NWS)
	- -	** 8.90 1/4/1928
	- -	** 8.82 2/24/1959
	- -	
	- -	** 8.6 1/21/1916
	- -	
	- -	
	- -	
	- -	** 8.23 1/30/1965
	- -	
Damage begins in River Isle subdivision **	- ------8------ -	** 8.08 2/11/1988 (ice jam)
1/2 mile upstream of Momence @ 8.0	- -	** 7.99 1/3/1974 (ice jam)
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
- -	- ------7------ -	** 7.09 3/9/1963
	- -	** 6.98 9/16/2008
	- -	
	- -	** 6.79 2/12/1995 (ice)
	- -	
	- -	** MODERATE FLOOD STAGE 6.5' (NWS)
	- -	
	- -	** 6.31 1/09/2008
	- -	
	- -	** 6.19 1/13/2005 ; 6.17 12/30/1990
Campgrounds 3 miles downstream **	- ------6------ -	- -
of the state line begin to flood @ 6.0	- -	
	- -	** 5.8 7/22/1996 ; 5.81 2/27/1997
	- -	
	- -	** 5.68 1/5/1993
Extensive flooding of island park in Momence. Some **	- -	
basement flooding to homes in River Isle @ 5.5	- -	
	- -	
	- -	
	- -	
Flooding aproaches some low lying buildings **	- ------5------ -	** **FLOOD STAGE 5.0'**
on river islands downstream of gage @ 5.0	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Lowland flooding in River Isle subdivision **	- ------4------ -	- -
1/2 mile upstream of Momence @ 4.0	+ +++++++++ +	

ELEVATION ZERO: 609.18
NGVD 1929

KANKAKEE RIVER NEAR WILMINGTON, ILLINOIS

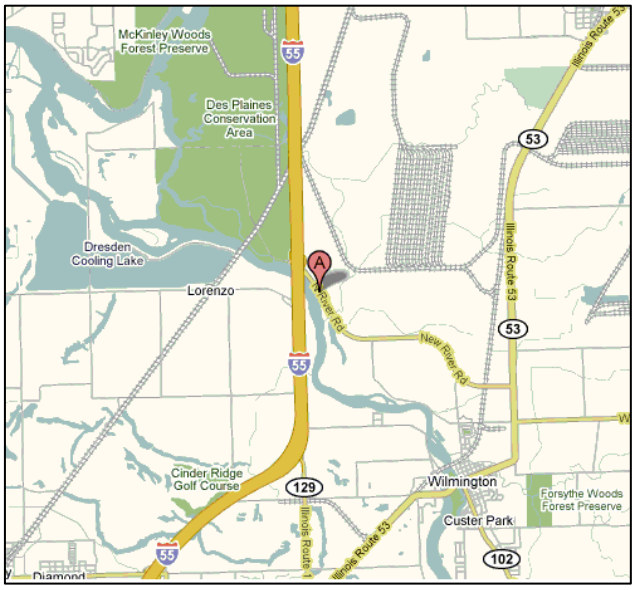
USGS GAGE NUMBER: 05527500

LOCATION: In Will County, on the right bank, 0.4 mile downstream from Prairie Creek, 0.5 mile upstream from the bridge on Interstate 55, 5 miles downstream from Wilmington, and at river mile 5.7.

NW 1/4, Sec. 15, Twp. 33N, Rng. 9E

41°20'48"N, 88°11'11"W NAD27

Drainage Area = 5,150 mi^2



2008 FLOOD INFORMATION

An ice jam in January caused extensive flooding and evacuations in the Phalen Acres subdivision west of I-55.

Kankakee River
Wilmington, IL
WLMI2

NARRATIVE	STAGE	HISTORICAL
	18	
		** 16.73 1883 & 1887 (estimate)
	16	
		** 15.41 5/13/1933
	14	
		** 13.88 1/30/1968 (ice jam)
		** 12.83 2/25/1985
		** 12.78 1/21/1974
	12	** 12.07 3/8/1979
		** 11.40 7/13/1957
Residents evacuated from Phelan Acres ** in 2008 ice jam flood		** 11.05 1/24/08 (ice jam)
		** 10.41 12/28/90 (ice jam)
	10	** MAJOR FLOOD STAGE 10.0' (NWS)
		** 9.40 5/15/1970
		** 8.68 9/16/2008
Damage begins to buildings in Wilmington & ** water flows around dam abutments @ 8.5		** 8.49 1/14/2005
		** 8.17 5/13/2002
Bellou Road floods @ 8.2 **	8	** MODERATE FLOOD STAGE 8.0' (NWS)
		** 7.56 5/8/1998
Backyards of some houses downstream ** of Wilmington begin to flood @ 7.0		
		** **FLOOD STAGE 6.5'**
	6	
Very low areas near river in river reach @ 5.5 **		
	4	

ELEVATION ZERO: 510.86
NGVD 1929

KASKASKIA RIVER AT SHELBYVILLE RESERVOIR POOL AT SHELBYVILLE, ILLINOIS

USGS GAGE NUMBER: none

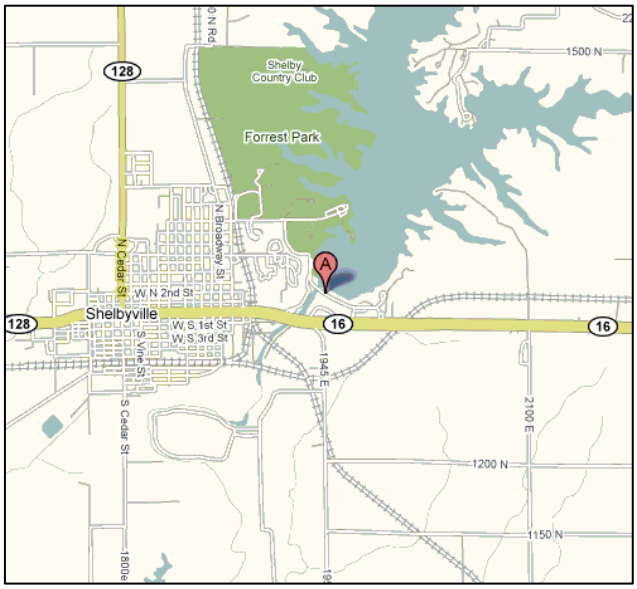
LOCATION: In Shelby County, at Shelbyville Dam on Kaskaskia River east of Shelbyville, and at river mile 197.9.

SE 1/4, Sec. 8, Twp. 11N, Rng. 4E

39°24'22"N, 88°47'00"W

Drainage Area = 1054 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.



NARRATIVE	STAGE	Kaskaskia River Shelbyville Pool SBYI2 HISTORICAL
	----628----	
	----624----	
	----620----	** 620.29 7/29/1974
		** 618.01 5/10/2002
		** 617.66 12/7/1993
		** 616.69 6/15/1996
	----616----	
		** 613.65 6/9/1995
	----612----	
	----608----	
	----604----	
	----600----	

ELEVATION ZERO: 0.00
NGVD 1929

KASKASKIA RIVER AT SHELBYVILLE RESERVOIR TAILWATER AT SHELBYVILLE, ILLINOIS

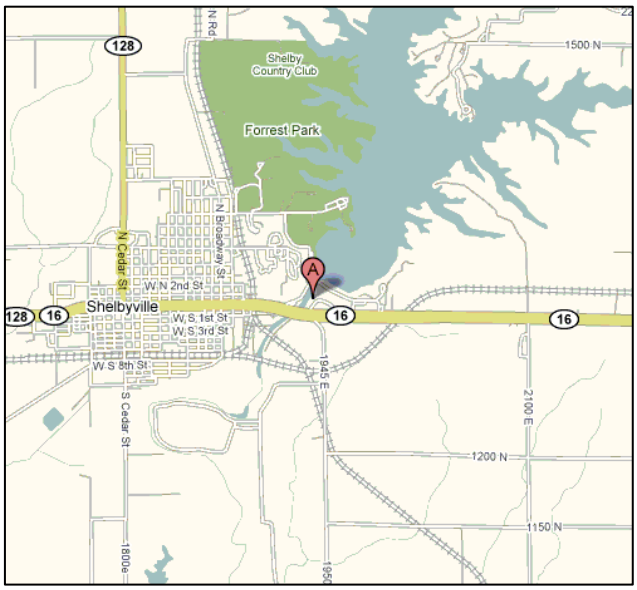
USGS GAGE NUMBER: 05592000

LOCATION: In Shelby County, on the left bank 700 feet downstream of Shelbyville Dam, and at river mile 197.5.

SE 1/4, Sec. 8, Twp. 11N, Rng. 4E

39°24'26"N, 88°46'53"W NAD27

Drainage Area = 1054 mi^2



STAGE

Kaskaskia River
Shelbyville Tailwater

NARRATIVE	STAGE	HISTORICAL
	----564----	
	----560----	
		** 558.15 6/29/1957
		** MAJOR FLOOD STAGE 558.0' (NWS)
		** MODERATE FLOOD STAGE 557.0' (NWS)
		** 556.95 5/19/1943
		** 556.41 1/5/1950
	----556----	
		** 555.48 5/27/1968
		** 554.28 2/11/1959 & 4/24/1944
		** 553.98 2/22/1951
		** 553.48 6/25/1960
		** 553.08 6/7/1947
		** 552.95 12/10/1967
	----552----	
Some low lying areas begin to flood @ 549.0 **		** **FLOOD STAGE 549.0'**
	----548----	
	----544----	
	----540----	
	----536----	

ELEVATION ZERO: 0.00
NGVD 1929

KASKASKIA RIVER AT VANDALIA, ILLINOIS

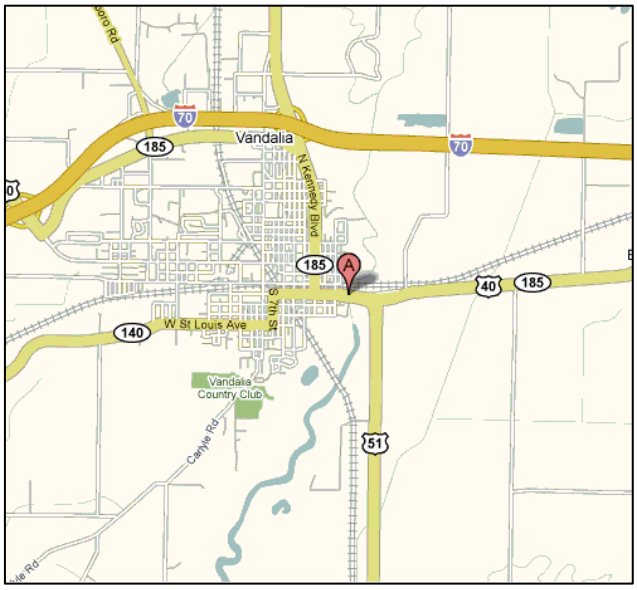
USGS GAGE NUMBER: 05592500

LOCATION: In Fayette County, on the right bank at the upstream side of Gallatin Street bridge in Vandalia, 3.5 miles upstream from Hickory Creek, and at river mile 135.7.

SE 1/4, Sec. 16, Twp. 6N, Rng. 1E

38°57'38"N, 89°05'20"W NAD27

Drainage Area = 1,940 mi^2



FLOOD INFORMATION

Six breaks in 1979 from Illinois Correction Center to 1 mile south of Vandalia

NARRATIVE	STAGE	Kaskaskia River Vandalia, IL VNDI2 HISTORICAL
	30	
		** 28.27 5/7/2002 before levee breached
	28	** 28.09 1/06/2005
		** 27.4 5/18/1995 ; 27.41 4/30/1996
		** 26.57 4/13/1994
		** 26.48 3/20/2008 ; 26.45 5/18/1990
Overtop Dively and Vandalia levees @ 26.0 **	26	** MAJOR FLOOD STAGE 26.0' (NWS)
		** 25.52 12/26/1982
		** 25.02 2/24/1975 ; 25.08 1/6/2004
		** 24.96 2/2/1988
		** 24.49 3/22/1998 ; 24.46 6/1/1974
	24	** MODERATE FLOOD STAGE 24.0' (NWS)
		** 23.96 3/25/1978
		** 23.39 4/13/1979 & 10/8/2000
Agricultural levee begins to be overtopped @ 23.0 **		
		** 22.51 1/16/2007
	22	
	20	
Inundation of unprotected areas begins @ 18.0 **	18	** **FLOOD STAGE 18.0'**
	16	

ELEVATION ZERO: 453.30
NGVD 1929

KASKASKIA RIVER AT CARLYLE RESERVOIR TAILWATER AT CARLYLE, ILLINOIS

USGS GAGE NUMBER: NONE*

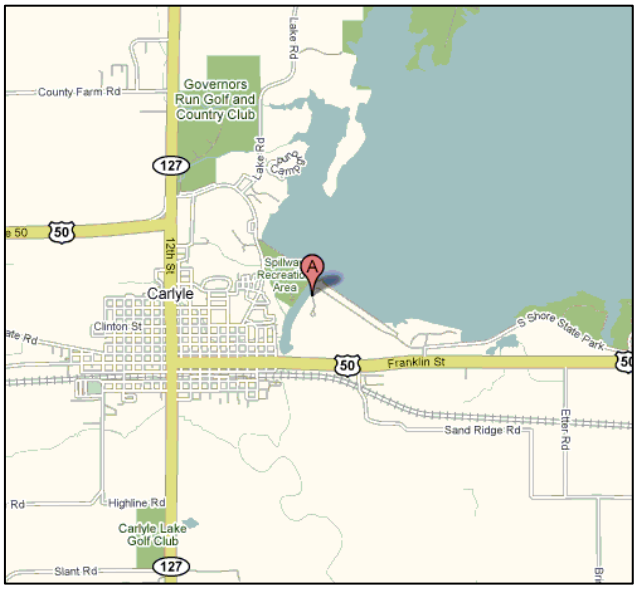
LOCATION: In Clinton County, 300 ft. downstream from dam at Carlyle, and at river mile 94.0.

SE 1/4, Sec. 18, Twp. 2N, Rng. 2W

38°37'02"N, 89°21'14"W NAD27

Drainage Area = 2717 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.



Normal Pool 445.00

Pool record 459.8 5/19/02

Kaskaskia River
Carlyle TW

NARRATIVE	STAGE	HISTORICAL
	----437----	
		** 436.61 5/21/1943
Overtop Heimann Levee @ 436.0 **		
Overtop Santa Fe, Hanover, and Germantown levees @ 435.0 **	----435----	** MAJOR FLOOD STAGE 435.0' (NWS)
		** 434.2 1/7/1950
	----433----	
	----431----	** MODERATE FLOOD STAGE 431.0' (NWS)
Damage begins to residences near Bartelso and backwater begins to damage Germantown sanitary sewer facilities @ 430.0 **		** 429.8 7/3/1960
	----429----	
		** 428.2 5/10/1970 ; 428.3 12/14/1986
		** 427.23 4/15/1979 ; 427.21 6/7/2002
	----427----	** 427.04 3/21/1978
		** 426.92 11/24/1993
		** 426.64 5/27/2002
		** 426.42 1/15/1985
		** 425.77 2/16/2001
	----425----	** 425.15 5/28/1995 ; 425.14 1/08/2004
Cabins just below dam are inundated @ 424.5 **		
Rural damage begins, township roads in Covington become inundated @ 423.5 **		** **FLOOD STAGE 423.5'**
	----423----	

ELEVATION ZERO: 0.00
NGVD 1929

KASKASKIA RIVER AT CARLYLE, ILLINOIS (US 50)

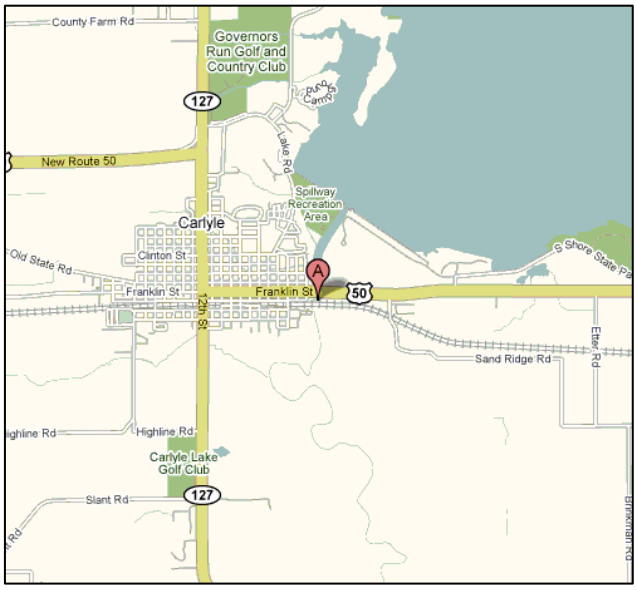
USGS GAGE NUMBER: 05593000

LOCATION: In Clinton County, on the right bank 300 ft. downstream the bridge on US HWY 50 at Carlyle, 16.5 miles upstream from Crooked Creek and at river mile 94.0.

SE 1/4, Sec. 18, Twp. 2N, Rng. 2W

38°36'42"N, 89°21'22"W NAD27

Drainage Area = 2719 mi^2



Kaskaskia River
At Carlyle (US 50)

NARRATIVE	STAGE	HISTORICAL
	34	
		** 33.69 5/21/1943
Overtop Heimann Levee @ 33.0 **		
Overtop Santa Fe, Hanover, and Germantown levees @ 32.0 **	32	
		** 31.28 1/7/1950
	30	
	28	
Damage begins to residences near Bartelso and backwater begins to damage Germantown sanitary sewer facilities @ 27.0 **		** 26.88 7/3/1960
	26	
		** 25.38 12/14/1966
		** 25.28 5/10/1970
		** 24.31 4/15/1979 ; 24.29 6/7/2002
	24	** 24.00 11/24/1993 ; 24.12 3/21/1978
		** 23.72 5/27/2002
		** 23.50 1/15/1985
		** 22.85 2/16/2001
		** 22.23 5/28/1995 ; 22.22 1/8/2004
	22	
Cabins just below dam are inundated @ 21.0 **		
Rural damage begins, township roads in Covington become inundated @ 20.5 **		** **FLOOD STAGE 20.5'**
	20	

ELEVATION ZERO: 402.92
NGVD 1929

KISHWAUKEE RIVER AT BELVIDERE, ILLINOIS

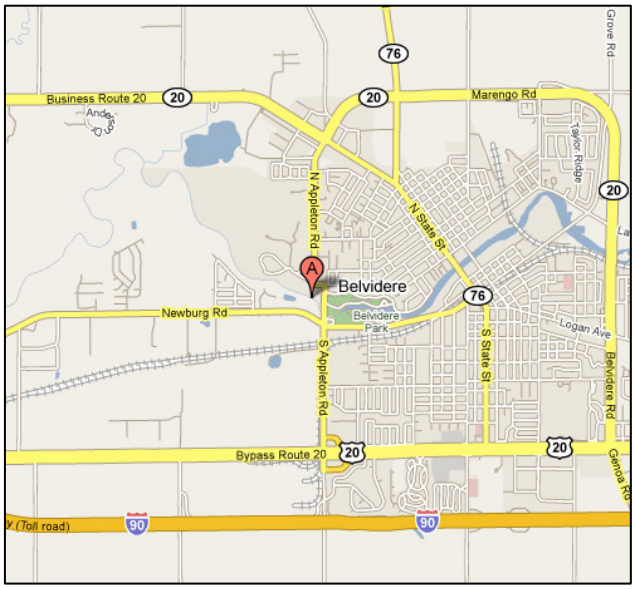
USGS GAGE NUMBER: 05438500

LOCATION: In Boone County, on the left bank at the Belvidere sewage-treatment plant, 1.3 miles downstream from the bridge on State Street in Belvidere, 3.0 miles downstream from Piscasaw Creek, and at river mile 21.9.

SE 1/4, Sec. 27, Twp. 44N, Rng. 3E

42°15'22"N, 88°51'47"W NAD27

Drainage Area = 538 mi^2



Kishwaukee River
Belvidere, IL
BVDI2

NARRATIVE	STAGE	HISTORICAL
	20	
	18	
		** 16.9 1/24/1938 (ice jam)
	16	
		** 14.19 2/20/1994
	14	
		** 13.97 6/14/1999
		** 13.10 3/16/1943
		** 12.90 1/6/1946 ; 12.88 7/3/1978
		** 12.76 3/20/1979 ; 12.74 2/20/1971
	12	** MAJOR FLOOD STAGE 12.0' (NWS)
		** 11.6 8/21/2007 ; 11.74 2/22/1997
		** 10.45 5/21/1996
	10	** MODERATE FLOOD STAGE 10.0' (NWS)
		** 9.18 3/4/2008
Lawrenceville and Epworth roads flood. ** Roads are closed in park @ 9.0		** **FLOOD STAGE 9.0'**
	8	
	6	

ELEVATION ZERO: 738.34
NGVD 1929

KISHWAUKEE RIVER NEAR PERRYVILLE, ILLINOIS

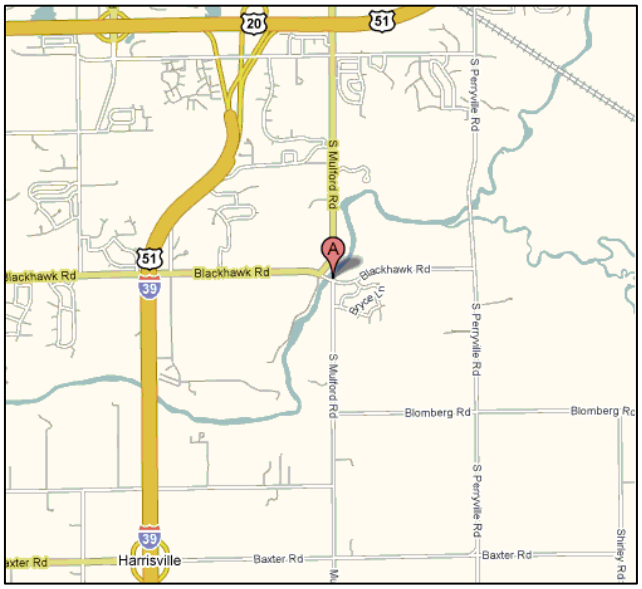
USGS GAGE NUMBER: 05440000

LOCATION: In Winnebago County, on the left bank at the upstream side of the bridge on Blackhawk Road, 1.4 miles downstream from South Branch Kishwaukee River, 2 miles southwest of Perryville, 7.1 miles upstream from Killbuck Creek, and at river mile 9.6.

NE 1/4, Sec. 21, Twp. 43N, Rng. 2E

42°11'40"N, 88°59'56"W NAD83

Drainage Area = 1,099 mi^2



Kishwaukee River
Perryville, IL
PRYI2

NARRATIVE	STAGE	HISTORICAL
	24	
		** 23.85 1/1938
		** 23.54 7/18/1996
Damage begins to residences in Cherry Valley @ 22.0 **	22	** MAJOR FLOOD STAGE 22.0' (NWS)
		** 20.71 2/21/1994
		** 20.48 3/21/1979
	20	
		** 19.76 2/22/1997
		** 19.65 4/22/1973
Preserve roads inundated, one home isolated @ 19.0 **		** 18.96 6/15/1999
		** 18.59 6/5/2002
		** 18.39 7/3/1978
		** 18.27 5/17/1974
Water approaches some homes in New Milford ** in the Will James Road area @ 18.0	18	** MODERATE FLOOD STAGE 18.0' (NWS)
		** 17.56 8/25/2007
		** 16.70 1/31/1988 (ice jam)
		** 16.62 3/24/1993
Damage begins to residences downstream of Belt ** Line Road and downstream of U.S. Rt. 51 @ 16.0	16	
		** 15.06 3/3/2008
	14	
		** 13.71 5/24/2004 ; 13.68 2/26/1985
Minor flooding in Cherry Valley city park @ 12.0 **	12	** **FLOOD STAGE 12.0'**
Minor flooding of rural lands @ 10.0 **	10	

ELEVATION ZERO: 692.13
NGVD 1929

LAMOINE RIVER AT COLMAR, ILLINOIS

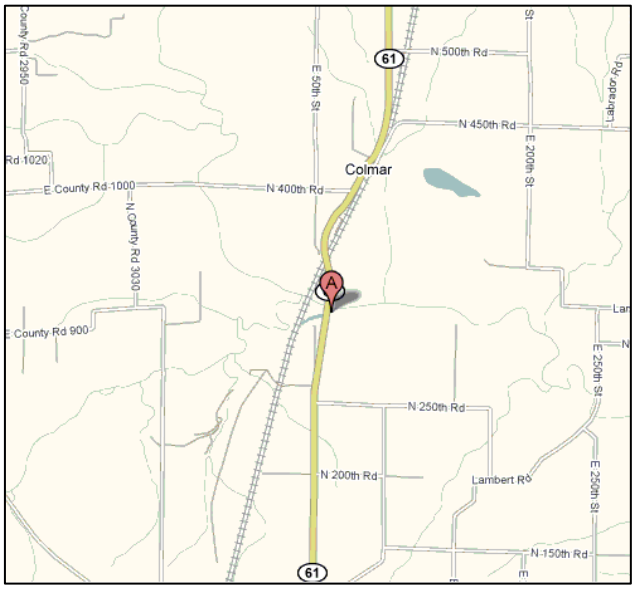
USGS GAGE NUMBER: 05584500

LOCATION: In McDonough County, along the right bank on the downstream side of the bridge on State Highway 61, 0.2 mile downstream from the Burlington Northern Santa Fe Railroad bridge, 1 mile southwest of Colmar, and at river mile 61.8.

SW 1/4, Sec. 18, Twp. 4N, Rng. 4W

40°19'49"N, 90°53'46"W NAD27

Drainage Area = 655 mi^2



Lamoine River
Colmar, IL
CLMI2

NARRATIVE	STAGE	HISTORICAL
	+ ++++++++ +	
Colmar: rivergage equipment inoperable @ 32.4 **	- -----32----- -	
Colmar: IL Hwy 61 bridge rails underwater @ 32.0 **	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Water at BNSF RR bridge deck at Colmar @ 30.0 **	- -----30----- -	- -
	- -	
Water affects IL Hwy 61 near the **	- -	
La Moine River bridge @ 29.5	- -	
	- -	
	- -	
	- -	
Water is at the bottom of IL Hwy 136 **	- -	
bridge deck near Tennessee @ 28.5	- -	
	- -	
Water is at the bottom of IL Hwy 101 **	- -----28----- -	- -
bridge deck at Brooklyn @ 28.0	- -	
	- -	
	- -	
Water is at the bottom of North 270th Road bridge @ 27.2 **	- -	
Birmingham: Water @ Camp Creek Road bridge deck & **	- -	** 27.03 1/3/1965 (ice jam)
water affects some houses east of Plymouth @ 27.0	- -	
	- -	** 26.61 3/5/1985
Water is at the bottom of IL Hwy 61 and **	- -	
County Road 26 bridge decks @ 26.5	- -	
- -	- -----26----- -	- -
	- -	** 25.76 5/13/2002
	- -	** 25.69 10/4/1986
Water is at the bottom of County Road 6 **	- -	
bridge deck near Saint Mary @ 25.5	- -	
	- -	** 25.14 9/25/1970
	- -	** 24.81 6/21/1990 ; 24.79 6/4/1980
	- -	
	- -	** 24.35 7/5/1981
	- -	** 24.23 7/26/1993 ; 24.21 5/28/1996
Agricultural levees at Troublesome Creek confluence **	- -----24----- -	** MAJOR FLOOD STAGE 24.0' (NWS)
overtop and water affects a few houses near the	- -	** 23.9 5/18/1995
McDonough -Schuyler county line @ 24.0	- -	
	- -	
	- -	** 23.26 2/19/2008
	- -	
	- -	
Water affects lower roads around Birmingham **	- -	
and agricultural land by the river @ 22.5	- -	
	- -	** 22.32 12/12/2003
- -	- -----22----- -	** MODERATE STAGE 22.0' (NWS)
	- -	
	- -	
	- -	** 21.42 6/25/2007
	- -	
Agricultural flooding along most of reach @ 21.0 **	- -	
	- -	
	- -	
	- -	
	- -	
Water affects Lambert Road and a portion of Lamar Road **	- -----20----- -	** **FLOOD STAGE 20.0'**
approximately 100 feet north of County Road 26 @ 20.0	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Bankfull. Lowest banks overflow and **	- -	
encroach agricultural land @ 18.5	- -	
	- -	
- -	- -----18----- -	- -
	+ ++++++++ +	

ELEVATION ZERO: 491.53
NGVD 1929

LAMOINE RIVER AT RIPLEY, ILLINOIS

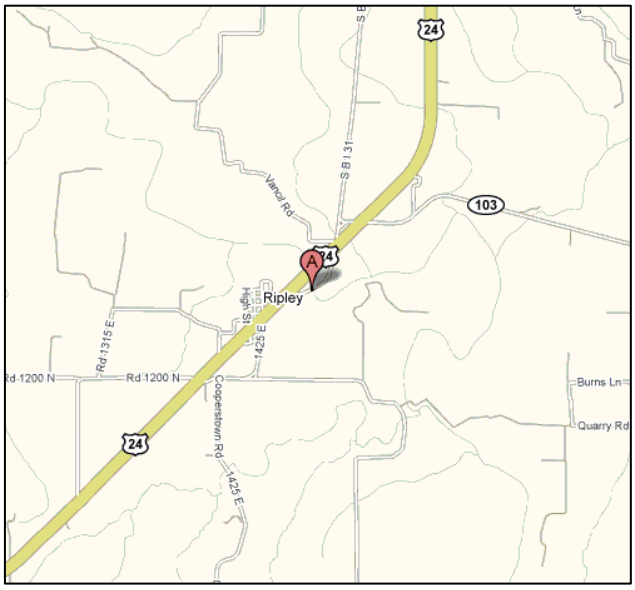
USGS GAGE NUMBER: 05585000

LOCATION: In Brown County, on the right bank 600 feet downstream from the bridge on U.S. Highway 24, 0.2 mile east of Ripley, 2 miles upstream from Town Branch, and at river mile 12.3.

NE 1/4, Sec. 33, Twp. 1N, Rng. 2W

40°01'29"N, 90°37'54"W NAD27

Drainage Area = 1,293 mi^2



Lamoine River
Ripley, IL
RIPI2

NARRATIVE	STAGE	HISTORICAL
	32	
	30	
		** 29.15 5/18/1995
		** 29.07 3/7/1985 & 5/8/1996
		** 28.96 6/23/1990
		** 28.63 11/19/1985
		** 28.42 9/27/1970 ; 28.41 5/15/2002
HWY 99 north of Camden begins to flood @ 28.0 **	28	** 28.10 10/7/1986
		** 27.27 12/5/1982
		** MAJOR FLOOD STAGE 27.0' (NWS)
		** 26.98 7/28/1993
		** 26.33 9/15/2008
		** 26.27 5/20/1984
	26	
		** 25.20 11/6/1977
		** 24.23 4/13/1978
Township road downstream of gage on **	24	
the right bank begins to flood @ 24.0		** 23.93 6/30/1998
		** 23.4 2/14/2001
10,000 acres flooded @ 23.0 **		** MOODERATE FLOOD STAGE 23.0' (NWS)
		** 22.51 1/14/2005
Farmland flooding and rural damages begin @ 22.0 **	22	** **FLOOD STAGE 22.0'**
	20	
	18	

ELEVATION ZERO: 431.10
NGVD 1929

LITTLE CALUMET RIVER AT SOUTH HOLLAND, ILLINOIS

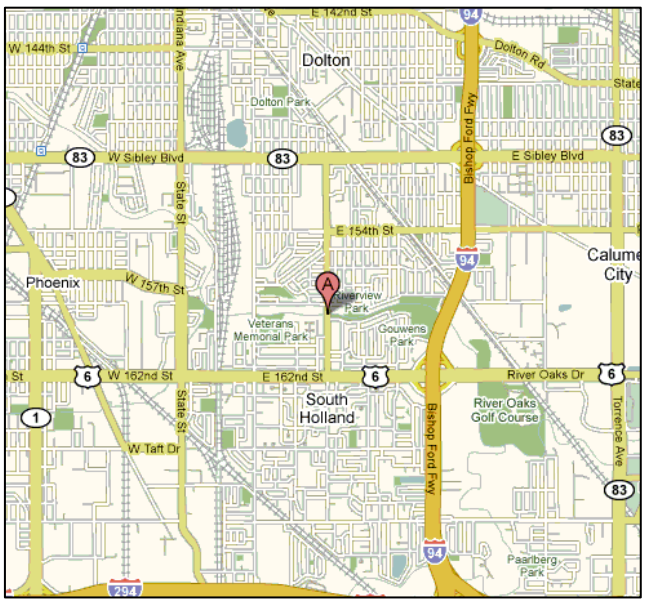
USGS GAGE NUMBER: 05536290

LOCATION: In Cook County, on the left bank at the downstream side of Cottage Grove Avenue bridge in South Holland, 2 miles downstream from Thorn Creek, and at river mile 23.0.

SE 1/4, Sec. 15, Twp. 36N, Rng. 14E

41°36'25"N, 87°35'52"W NAD27

Drainage Area = 208 mi^2



2008 FLOOD INFORMATION

The Bishop Ford Freeway (I-94) was flooded and closed to traffic during the September event.

Little Calumet River
South Holland, IL
SHLI2

NARRATIVE	STAGE	HISTORICAL
	28	
	26	
	24	
	22	
		** 20.5 11/28/1990
		** 20.20 6/14/1981
		** 20.13 9/14/2008 ; 20.11 7/14/1957
	20	** 20.01 7/19/1996 MAJOR FLOOD STAGE (NWS)
		** 19.46 12/4/1982
		** 19.24 4/6/1947 ; 19.39 10/11/1954
Residential structures along Drexel Rd flooded @ 19.0 **		** 19.1 2/22/1997
		** 18.58 6/02/1989
		** 18.37 5/13/2002
Thorn Creek covers 170th St @ 18.0 **	18	** MODERATE FLOOD STAGE 18.0' (NWS)
Riverview & Drexel Roads inundated @ 17.9 **		** 17.82 2/24/1985
		** **FLOOD STAGE 16.5'**
	16	
Veterans Park inudated @ 15.0 **		
	14	

ELEVATION ZERO: 575.00
NGVD 1929

LITTLE WABASH RIVER BELOW CLAY CITY, ILLINOIS

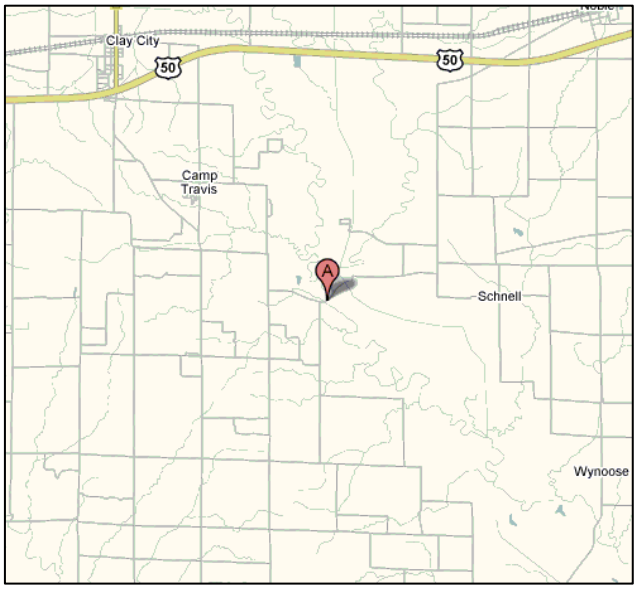
USGS GAGE NUMBER: 03379500

LOCATION: In Clay County, on the right bank 300 feet downstream from the bridge on county highway 23, 0.3 mile downstream from Big Muddy Creek, 5 miles southeast of Clay City, and at river mile 128.5.

SE 1/4, Sec. 3, Twp. 2N, Rng. 8E

38°38'05"N, 88°17'50"W NAD27

Drainage Area = 1131 mi^2



STAGE

Little Wabash River
below Clay City, IL
CLAI2

NARRATIVE	STAGE	HISTORICAL
	28	
		** 26.67 1/5/1950 ; 26.61 5/10/1961
	26	** 26.08 5/19/1995
		** 25.8 5/20/1943
		** 25.27 1/07/2005
		** 24.76 5/17/1990 ; 24.66 5/15/2002
		** 24.22 11/20/1985 ; 24.17 2/25/1985
	24	** MAJOR FLOOD STAGE 24.0' (NWS)
		** 23.68 3/20/2008 ; 23.57 2/3/1988
		** 23.30 6/19/2008
		** 23.06 5/1/1996
		** 22.8 2/26/1979
		**
		** 22.7 4/13/1994
		** 22.1 3/2/1997
Road 1 mile east of gage inundated @ 22.0 **	22	** MODERATE FLOOD STAGE 22.0' (NWS)
		** 21.94 1/07/2004
		** 21.8 1/15/1937
	20	
Left bank farmland begins to flood @ 18.0 **	18	
Road east of bridge near gage floods @ 16.5 **		
Minor flooding begins to agricultural land @ 16.0 **	16	** **FLOOD STAGE 16.0'**
	14	

ELEVATION ZERO: 392.29
NGVD 1929

LITTLE WABASH RIVER AT CARMI, ILLINOIS

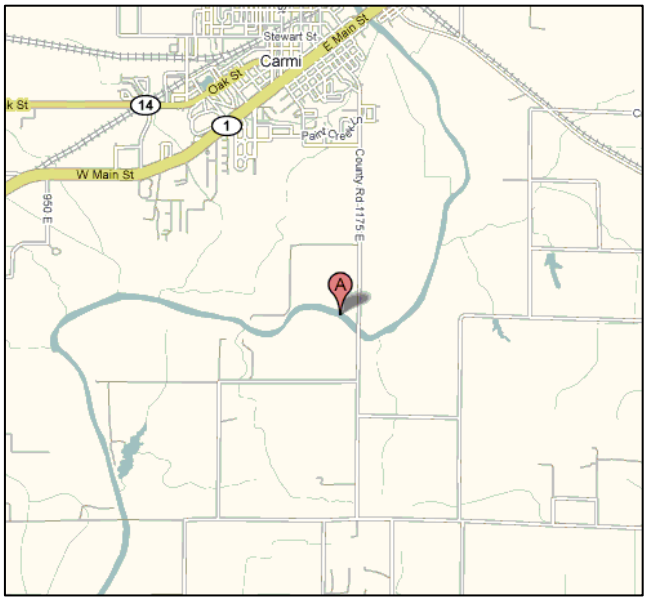
USGS GAGE NUMBER: 03381500

LOCATION: In White County, along the right bank on the downstream side of Possum Bridge, 2.3 miles south of Main Street bridge in Carmi, 7.8 miles downstream from Skillet Fork, and at river mile 30.5.

SE 1/4, Sec. 25, Twp. 5S, Rng. 9E

38°03'40"N, 88°09'35"W NAD27

Drainage Area = 3,102 mi^2



STAGE

Little Wabash River
Carmi, IL
CARI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
	- -----37----- -	
	- -	
	- -	** 36.66 5/12/1961
	- -	
	- -	
	- -	
	- -	
	- -	** 35.55 5/16/2002
Flooding at businesses and main portion of **	- -	** 35.37 1/14/2005
mobile home park just downstream of IL Rt 14	- -	
and IL Rt 1 in Carmi begins @ 35.4	- ----35----- -	** MAJOR FLOOD STAGE 35.0' (NWS)
	- -	
	- -	
	- -	
	- -	** 34.27 5/23/1990
Beginning of major problem to highways @ 34.0 **	- -	** 34.14 5/25/1995
	- -	** 33.87 4/4/2008
	- -	** 33.50 3/6/1979
	- -	** 33.45 11/28/1985 ; 33.41 5/3/1996
	- -	
- -	- -----33----- -	- -
	- -	** 32.9 4/20/1994
	- -	
	- -	
	- -	** 32.12 1/8/1991
Flood water flows up McHenry Slough & **	- -	** MODERATE FLOOD STAGE 32.0' (NWS)
County Highway 23 becomes inundated @ 32.0	- -	** 31.83 3/22/1978
	- -	
	- -	
	- -	
- -	- -----31----- -	
	- -	** 30.93 2/10/1988
	- -	
	- -	
	- -	
Large area of farm land inundated @ 30.0 **	- -	
	- -	
	- -	
	- -	
	- -	
- -	- -----29----- -	** 29.11 3/10/1997
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
County roads start being inundated @ 27.0 **	- -----27----- -	** **FLOOD STAGE 27.0'**
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
- -	- -----25----- -	- -
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	- -	
- -	- -----23----- -	- -
	+ +++++++++ +	

ELEVATION ZERO: 339.91
NGVD 1929

MACKINAW RIVER NEAR CONGERVILLE, ILLINOIS

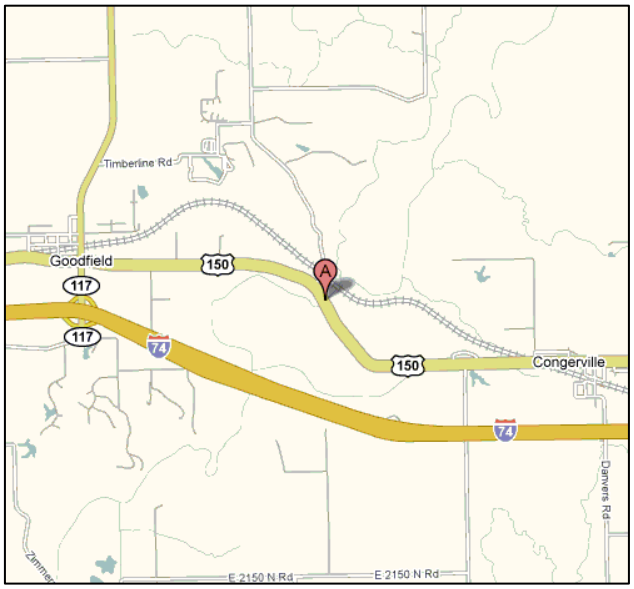
USGS GAGE NUMBER: 05567500

LOCATION: In Woodford County, along the right bank on the downstream side of the bridge on U.S. Highway 150, 0.2 mile downstream from Walnut Creek, 2 miles northwest of Congerville, and at river mile 58.7.

SW 1/4, Sec. 17, Twp. 25N, Rng. 1W

40°37'25"N, 89°14'30"W NAD27

Drainage Area = 767 mi^2



Mackinaw River
Congerville, IL
CNGI2

NARRATIVE	STAGE	HISTORICAL
	26	
	24	
	22	
		** 20.21 12/4/1982
	20	** MAJOR FLOOD STAGE 20.0' (NWS)
		** 19.61 10/4/1986
		** 18.70 9/15/2008
		** 18.45 1/14/2005
		** 18.37 9/15/1993
	18	** 18.06 3/11/1990
		** 17.69 5/12/2002
		** 17.33 5/14/1995
		** 16.65 2/24/1985
	16	
		** 15.70 11/28/1990
		** 14.07 3/24/1993
	14	** MODERATE FLOOD STAGE 14.0' (NWS)
Widespread agricultural flooding occurs @ 13.0 **		** **FLOOD STAGE 13.0'**
Minor flooding of low lying areas @ 12.0 **	12	

ELEVATION ZERO: 607.01
NGVD 1929

MACKINAW RIVER NEAR GREEN VALLEY, ILLINOIS

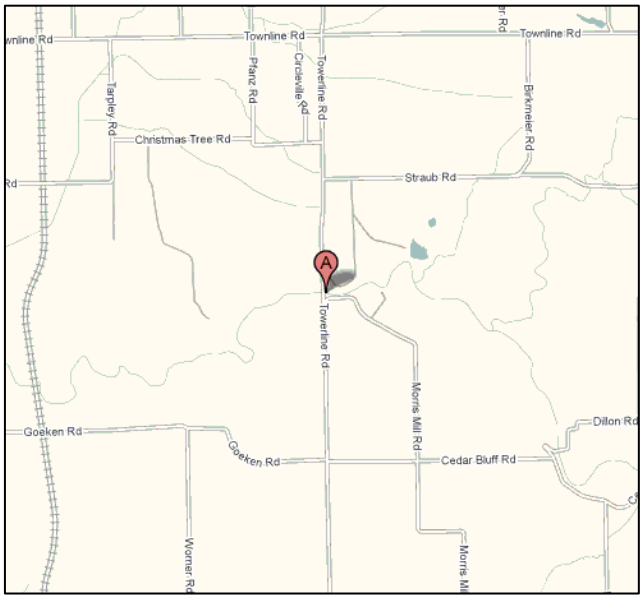
USGS GAGE NUMBER: 05568000

LOCATION: Located in Tazewell County, IL. along the right bank on the downstream side of the bridge on Towerline Road, 3.9 miles northeast of Green Valley, 2.5 miles east of State Highway 29, and at river mile 17.3.

SE 1/4, Sec. 12, Twp. 23N, Rng. 5W

40°27'15"N, 89°36'22"W NAD27

Drainage Area = 1,073 mi^2



NOTE: This gage has been moved a couple of times and had different datums.

Prior to Jan 17, 1933 - 3.5 miles downstream on the railroad bridge just north of the State Highway 29. Datum = 479.10'

Jan 17 1933 to September 1952 - 3.6 miles downstream on the State Highway 29 bridge. Datum = 479 .10'

Oct 1952 to Sept 1988 - 3.6 mi downstream. on the State Highway 29 bridge. Datum = 477.10'

NARRATIVE	STAGE	HISTORICAL
		Mackinaw River Green Valley, IL GNVI2
	+ ++++++++ +	
	- -----35----- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
- - -

MISSISSIPPI RIVER AT LOCK AND DAM #11 TAILWATER, DUBUQUE, IOWA

USGS GAGE NUMBER: NONE*

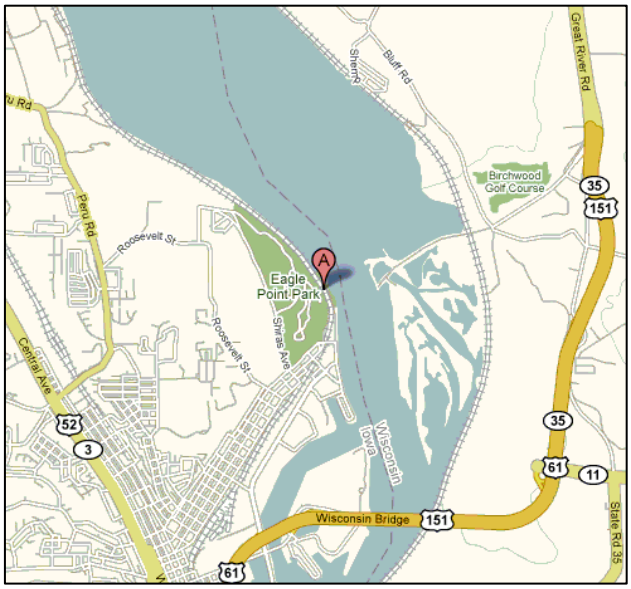
LOCATION: Dam 11 is located at 11 Lime Street, at the foot of the bluff below Eagle Point Park. It is 2.7 river miles upstream of the Highway 151 bridge, and at river mile 583.0 above mouth of the Ohio River.

NE 1/4, Sec. 7, Twp. 1N, Rng. 3E

42°32'19"N 90°38'47"W

Drainage Area = 81,600 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



STAGE

Mississippi River
Lock & Dam #11 TW
DLDI4

NARRATIVE	STAGE	HISTORICAL
	28	
	26	
		** 25.69 4/26/1965
	24	
		** 23.91 4/21/2001
		** 22.32 7/1/1993
	22	
		** 21.74 4/23/1969
		** 21.64 4/22/1951
		** MAJOR FLOOD STAGE 20.5' (NWS)
	20	
Lock & Dam closure @ 19.5 **		
		** 18.56 6/13/2008
	18	
		** MODERATE FLOOD STAGE 17.0' (NWS)
		** 16.59 6/19/2004
	16	**** **FLOOD STAGE 16.0'**
	14	

ELEVATION ZERO: 588.20
MSL 1912

MISSISSIPPI RIVER AT DUBUQUE, IOWA

USGS GAGE NUMBER: NONE*

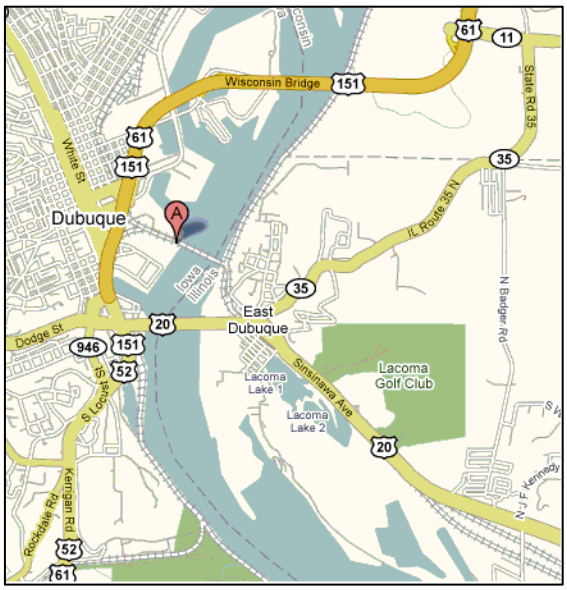
LOCATION: In Dubuque County, Iowa, 2.3 miles upstream from Catfish Creek, 3.0 miles downstream from Dam No. 11, at the foot of 4th Street in Dubuque, adjacent to the right abutment of the I.C.R.R. bridge, and at river mile 579.9 above mouth of the Ohio River.

NW 1/4, Sec. 30, Twp. 29N, Rng. 2W

42°29'56"N, 90°38'41"W

Drainage Area = approx. 81,600 mi^2

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



1993 FLOOD INFORMATION

Flooding occurred inside the levee at East Dubuque from a locally intense rain storm while the gates were closed due to high stages on the Mississippi River.

STAGE

Mississippi River
Dubuque, IA
DBQI4

NARRATIVE	STAGE	HISTORICAL
Overtop East Dubuque Levee @ 28.5 **	28	
		** 26.81 4/26/1965
	26	
		** 25.4 4/21/2001
Wastewater treatment Plant affected. ** BNRR inundated near Lock & Dam 11 @ 25.0		
	24	
		** 23.84 7/1/1993
		** 23.11 4/24/1969
		** 22.8 4/16/1997
Water affects the Midtown Marina facilities and ** parking lot in East Dubuque @ 22.6		** 22.7 4/25/1952 ; 22.78 5/6/1975
	22	
		** 21.85 3/23/1973
Water affects several homes in ** the Frentress Lake area @ 21.5		** MAJOR FLOOD STAGE 21.5' (NWS)
Water affects the ICRR @ 20.5 **		** 20.55 6/13/2008
Most houses on the riverside of the ** levee are in the water @ 20.0	20	
		** 18.65 6/18/2004
Alert stage for East Dubuque levee @18.4 **		
3 homes and 1 business impacted on Harbor Dr @ 18.0 **	18	** MODERATE FLOOD STAGE 18.0' (NWS)
Water affects Basten Road in East Dubuque @ 17.5 **		
Water affects homes in Shore Acres ** in East Dubuque @ 17.0		**** FLOOD STAGE 17.0'**
	16	
Water affects yards in E. Dubuques Shore Acres Subd. ** (13 home and 1 business on Lake Lacoma Rd) @ 15.0		
Lower end of City Island inundated @ 14.0 **	14	

ELEVATION ZERO: 585.47
MSL 1912

MISSISSIPPI RIVER AT LOCK AND DAM #12 TAILWATER, BELLEVUE, IOWA

USGS GAGE NUMBER: NONE*

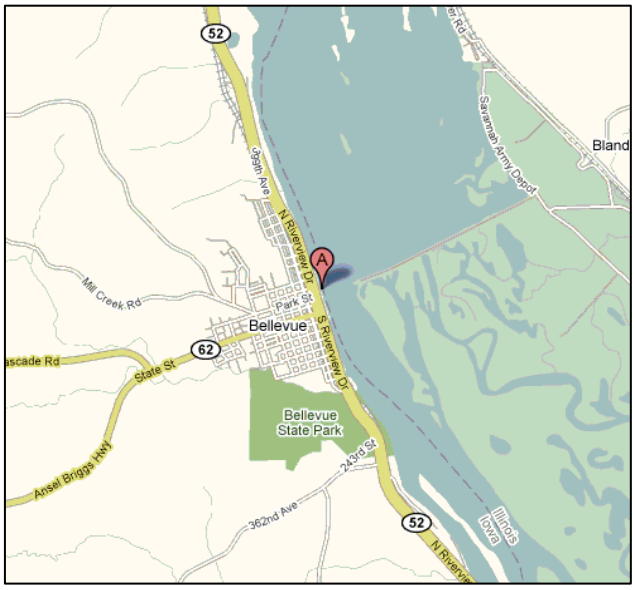
LOCATION: Dam 12 is located 3 blocks North of the intersection of Highway 62 and Highway 52, just off of Franklin Street in Bellevue,IA, and at river mile 556.7 above mouth of the Ohio River.

NE 1/4, Sec. 18, Twp. 86N, Rng. 5E

42°16'22"N, 90°25'16"W

Drainage Area = 82,400 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



1993 FLOOD INFORMATION

Approximately 10 residences and 40 businesses received damage in Savanna.

STAGE

Mississippi River
Lock & Dam #12 TW, Bellevue, IA
BLVI4

NARRATIVE	STAGE	HISTORICAL
	26	
	24	
		** 23.51 4/26/1965
		** 22.58 4/22/2001
Route 84 N of bridge @ Savanna inundated @ 22.0 **	22	
Water on the railroad tracks and into some **		
businesses in Savanna @ 21.9		** 21.5 7/1/1993
Damage begins at Savanna grain elevator @ 20.4 **		
Basement flooding in homes and businesses **		** 20.16 4/17/1997
begins in Savanna @ 20.2	20	** MAJOR FLOOD STAGE 20.0' (NWS)
		** 19.95 5/6/1975
Treatment plant unable to keep up with infiltration. **		** 19.13 4/24/1973
Catchbasins sandbagged @ 19.0		** 18.93 4/13/1967
		** 18.7 6/14/2008
Lock & Dam closure @ 18.4		
Water affects riverfront parking lot in Savanna @ 18.0 **	18	** MODERATE FLOOD STAGE 18.0' (NWS)
Water affects operation of grain elevator @ 17.5 **		
		** 17.28 6/19/2004
Yard flooding begins, Broderick Dr **		**** FLOOD STAGE 17.0'**
and Wayne King Dr flooded @ 17.0		
	16	
	14	
	12	

ELEVATION ZERO: 580.20
MSL 1912

MISSISSIPPI RIVER AT LOCK AND DAM #13 TAILWATER FULTON, ILLINOIS

USGS GAGE NUMBER: NONE*

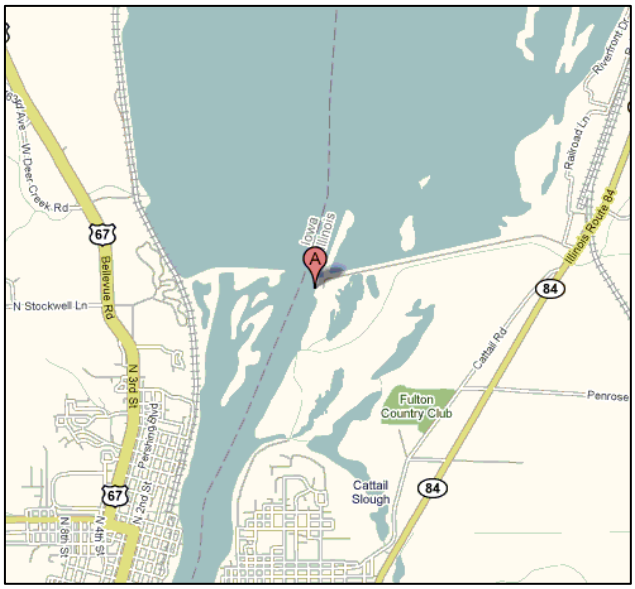
LOCATION: In Whiteside County at Dam 13, which is located 2.5 miles upstream of the North Clinton bridge, and at.river mile 522.5 above mouth of the Ohio River.

NE 1/4, Sec. 16, Twp. 22N, Rng. 3E

41°53'40"N, 90°09'24"W

Drainage Area = 85,500 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



1993 FLOOD INFORMATION

The Johnson Creek D&LD closed its flood gates to the Mississippi River and had to pump due to intense local rain storms.

The Cattail DD had approximately 1500 acres flooded due to heavy interior rains.

The village of Fulton had to pump treated sewage over the levee and also had difficulty handling the interior rain storms.

STAGE

Mississippi River
Lock & Dam #13 TW, Fulton, IL
FLTI2

NARRATIVE	STAGE	HISTORICAL
	26	
		** 25.03 4/28/1965
	24	
L&D 13 - Top of Lock wall @ 23.3 **		
		** 23.31 4/24/2001
		** 22.17 7/8/1993
	22	
		** 21.23 4/27/1952
	20	** MAJOR FLOOD STAGE 20.0' (NWS)
		** 19.95 3/25/1973
		** 19.05 6/16/2008
Lock & Dam closure @ 18.0 **	18	** MODERATE FLOOD STAGE 18.0' (NWS)
		** 17.7 4/23/1993
Damage begins in Fulton unprotected areas @ 16.8 **		** 16.76 6/21/2004
Gates closed at Johnson Creek D&LD. Water affects a few houses in Thompson. Begin pumping operations @ 16.0 **	16	** **FLOOD STAGE 16.0'**
	14	
L&D: Open gates (take dam out of operation) @ 13.7 **		
	12	

ELEVATION ZERO: 568.70
MSL 1912

MISSISSIPPI RIVER AT CLINTON/CAMANCHE, IOWA

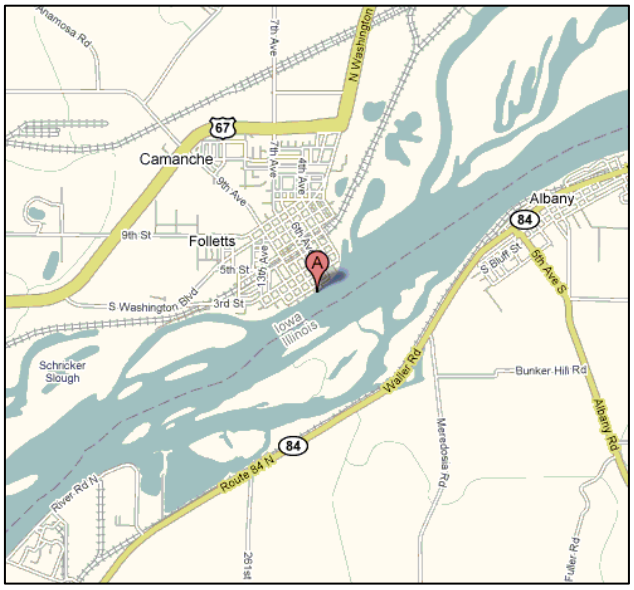
USGS GAGE NUMBER: 05420500

LOCATION: In Clinton County, Iowa, on the right bank at the end of Eighth Avenue in Camanche, 5.0 miles upstream from Wapsipinicon River, 10.6 miles downstream from Lock and Dam 13, and at river mile 511.8 above mouth of the Ohio River.

NW 1/4, Sec. 34, Twp. 81N, Rng. 6E

41°46′50″N, 90°15′07″W NAD27

Drainage Area = 85,600 mi^2
86,600 mi^2 COE



1993 FLOOD INFORMATION

Three residences and 2 businesses were damaged in Albany. Ill. Rte. 84 was closed from June 30 to July 16. Sewage overflow was pumped to the river.

Approximately 10 residences and the sewage lift station were damaged in Cordova.

At the Meredosia D&LD heavy interior rains caused some damage to crops.

STAGE

Mississippi River
Clinton (Camanche), IA
CMMI4

NARRATIVE	STAGE	HISTORICAL
Meredosia levee overtopped @ 28.0 **	28	
	26	
		** 24.65 4/28/1965
Water affects the grain elevator on IL Rte 84 @ 24.0 **	24	
		** 23.62 4/24/2001
		** 22.98 7/8/1993
	22	
		** 21.58 4/19/1997 ; 21.52 4/19/1997
Water affects IL Rte 84 near Albany @ 21.4 **		
		** 21.16 6/16/2008
Lift station damages occurs in Cordova and **		
Main Ave. & 2nd St. intersection closed @ 20.8		** 20.63 3/25/1973
		** MAJOR FLOOD STAGE 20.5' (NWS)
Water affects several homes in Albany @ 20.0 **	20	
		** 18.52 5/1/1996
		** MODERATE FLOOD STAGE 18.5' (NWS)
	18	** 18.08 6/22/2004
Residential damage in Albany & Cordova. Albany **		** **FLOOD STAGE 17.0'**
starts pumping at sewage treatment facility @17.0		
Basement damage begins in Cordova @16.0 **	16	
	14	

ELEVATION ZERO: 563.21
MSL 1912

MISSISSIPPI RIVER AT LOCK AND DAM #14 TAILWATER AT LECLAIRE, IOWA

USGS GAGE NUMBER: NONE*

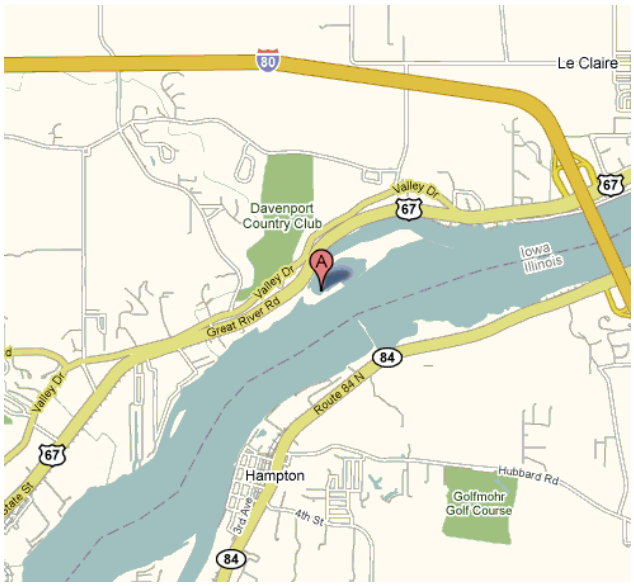
LOCATION: In Rock Island County, 2.1 miles downstream from Interstate Highway 80 bridge, 3.8 miles downstream from Rapids City, Illinois, and at river mile 493.3 above mouth of the Ohio River.

NE 1/4, Sec. 8, Twp. 18, Rng. 1E

41°34'28"N, 90°24'11"W

Drainage Area = 88,400 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

Damage information was gathered from a flood surveillance trip in April. The stage was 13.41 feet. In Rapid City two houses on the island were impacted by water, two garages sandbagged and water was on the roadway.

In Hampton there was water one foot deep on the roadway, four garages and two basements with water in them

At Campbell's Island there were 20 to 25 houses with water at the foundation, one house with water on the first floor and most roads were inundated.

Mississippi River
Lock & Dam #14 TW
LECI4

NARRATIVE	STAGE	HISTORICAL
Water reaches Cambells Island access bridge. Water ** affects N. Main St in Port Byron affecting many businesses; 1st Ave and several homes in Hampton @ 19.0	19	
		** 17.75 4/28/1965
Water reaches bridge approach on Cambells Island @ 17.5 **		
S Main St in Port Byron is affected @ 17.0 **	17	
		** 16.93 4/24/2001
		** 16.56 7/8/1993
Residential damage in Port Byron and Rapids City. ** Damage to nearly all of the buildings @ 16.0		
Water covers the access road on Cambells Island @ 15.0 **	15	
		** 14.84 6/16/2008
		** 14.60 4/26/1969 ; 14.61 4/19/1997
Water affects commercial buildings in Port Byron. First ** St in Rapids City under water. 1st Ave in Hampton begins to flood @ 14.5		
Hampton closes storm sewer gates and begins pumping. ** Lock & Dam closure @ 14.0	14	** 14.01 4/28/1952 ; 14.03 5/9/1975
Damage begins to residences in Hampton (2 basements & 4 garages), Damage begins to residence on island in Rapid City (basement). Gate closure of access road to International Harvester at 1st St. in E. Moline @ 13.4 **		** 13.74 4/28/1951 ** 13.62 3/26/1973 ** MAJOR FLOOD STAGE 13.5' (NWS) ** 13.41 4/29/2008
Water on the roadway in Rapid City @ 13.2 **		
Water in the first floor of home on west ** side of Cambells Island @ 13.0	13	
Water is in basements and garages on the west side of Cambells Island @ 12.5 ** Water on the road in Hampton @ 12.4 **		
Water is at the foundations of a few homes on Cambells Island @ 12.0	12	** MODERATE FLOOD STAGE 12.5' (NWS)
		** 11.34 6/22/2004
Water affects the lowest roads and into some ** backyards on Cambells Island @ 11.0	11	** **FLOOD STAGE 11.0'**
	9	

ELEVATION ZERO: 557.08
MSL 1912

During the June 2008 event the peak stage was 14.91 feet, 1.5 feet higher than April.

1993 FLOOD INFORMATION

Four residences in Port Byron were damaged. The lift station inlet was extended vertically 6' and two pumps were burned out during the $2^1/_2$ weeks of continuous pumping.

Approximately 6 residences were damaged in Rapids City.

Approximately 139 residences were damaged on Campbell's Island.

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MISSISSIPPI RIVER AT LOCK AND DAM #15 TAILWATER AT ROCK ISLAND, ILLINOIS

USGS GAGE NUMBER: NONE*

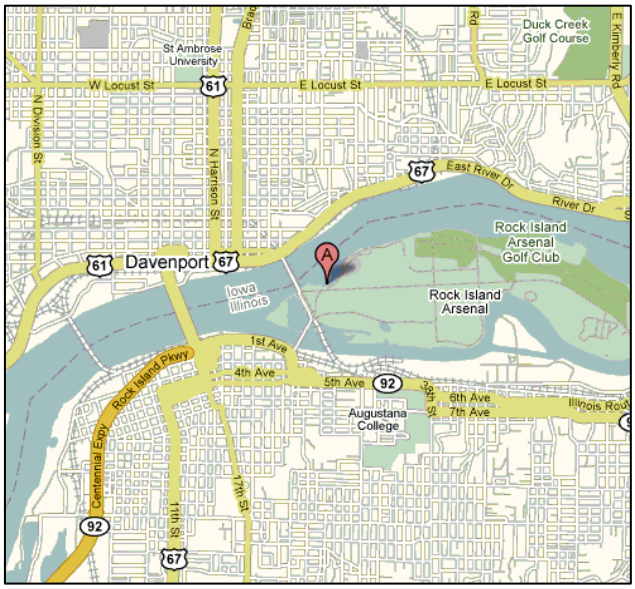
LOCATION: In Rock Island County, 0.8 mile upstream from Centennial Highway (U.S. Route 67) bridge, 1.4 miles upstream from Davenport, Rock Island, and the Northwestern Railroad Bridge, and at river mile 482.9 above mouth of the Ohio River.

SE 1/4, Sec. 26, Twp. 18N, Rng. 2W

41°31'04"N, 90°33'43"W

Drainage Area = 88,500 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

Damage information was gathered from a flood surveillance trip in April. The stage was 19.24 feet. In Moline one business had sandbagged and several businesses had water on the foundation.

During the June 2008 event the peak stage was 21.5 feet, 2.26 feet higher than April.

1993 FLOOD INFORMATION

Approximately 3 residences and 3 businesses were damaged in Rock Island

STAGE

Mississippi River
Lock & Dam #15 TW (Quad Cities)
RCKI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
Water reaches the top of the floodwalls & levees **	- -----28----- -	
in Rock Island and East Moline @ 29.5	- -	
Water reaches the top of the Milan Levee @ 29.0 **	- -	
Water overtops the floodwall at the **	- -	
Moline water treatment plant @ 27.5	- -	
Water at the bottom of the Arsenal Bridge deck @ 27.0 **	- -	
Water reaches the top of the lowest section of Rock **	- -	
Island's floodwall in the District @ 25.0	- -	
	- -	
	- -	
US 67 & US 6 closed in Quad Cities @ 24.0 **	- -----24----- -	- - -

MISSISSIPPI RIVER AT LOCK AND DAM #16 TAILWATER AT ILLINOIS CITY, ILLINOIS

USGS GAGE NUMBER: NONE*

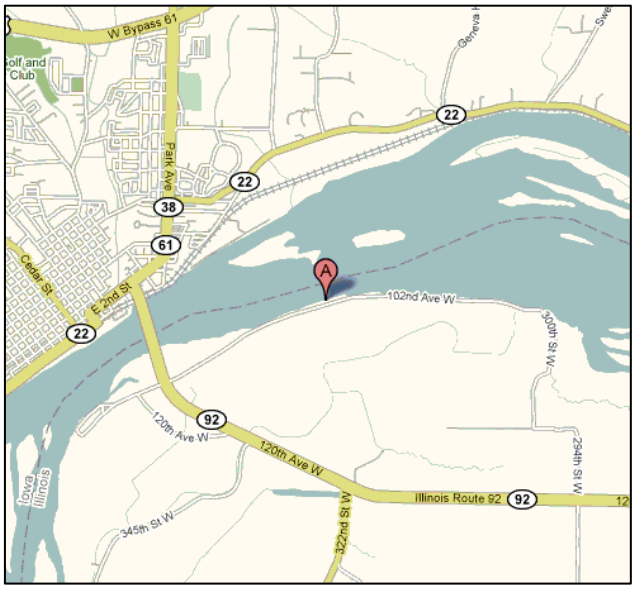
LOCATION: In Rock Island County, 1.3 miles upstream of the Illinois Route 92 bridge, and at river mile 457.2 above mouth of the Ohio River.

SW l/4, Sec. 31, Twp. 17N, Rng. 5W

41°25'32"N, 91°00'46"W

Drainage Area = approx. 99,400 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

Damage information was gathered from a flood surveillance trip in April. The stage was 19.94 feet.

In Andalusia along 121st St. there was four feet of water in one basement and two houses with water on the foundation.

During the June 2008 event the peak stage was 22.96 feet, 3.02 feet higher than April.

STAGE

Mississippi River
Lock & Dam #16 TW (IL City)
ILNI2

NARRATIVE	STAGE	HISTORICAL
	26	
Water reaches the top of the Andalusia levee @ 24.5 **		
	24	** 24.10 7/9/1993
		** 23.27 4/28/1965
		** 22.96 6/17/2008
		** 22.41 4/25/2001
	22	
2nd Ave Levee opening overtopped in Andalusia @ 21.9 **		
Houses outside levee at east end ** of Andalusia flooded @ 21.6		
	20	** 20.05 4/25/1973
		** 19.94 5/1/2008
Andalusia: water on 1house, against 2 other foundations ** on 121 St. Water at the edge of IL Rte 92 at the Andalusia Slough Recreational Area @ 19.5		** 19.57 4/20/1997 ; 19.69 4/26/1969
		** 19.36 10/7/1986
Water floods Second St in the unprotected ** area of Andalusia @ 18.5		
	18	** MAJOR FLOOD STAGE 18.0' (NWS)
Lock & Dam closure @ 17.0 **		
Water affects the park at Andalusia @ 16.0 **	16	** MODERATE FLOOD STAGE 16.0' (NWS)
Andalusia: one house with water in the ** basement on 121St @ 15.5		
		** **FLOOD STAGE 15.0'**
	14	
	12	

ELEVATION ZERO: 533.79
MSL 1912

MISSISSIPPI RIVER AT MUSCATINE, IOWA

USGS GAGE NUMBER: NONE*

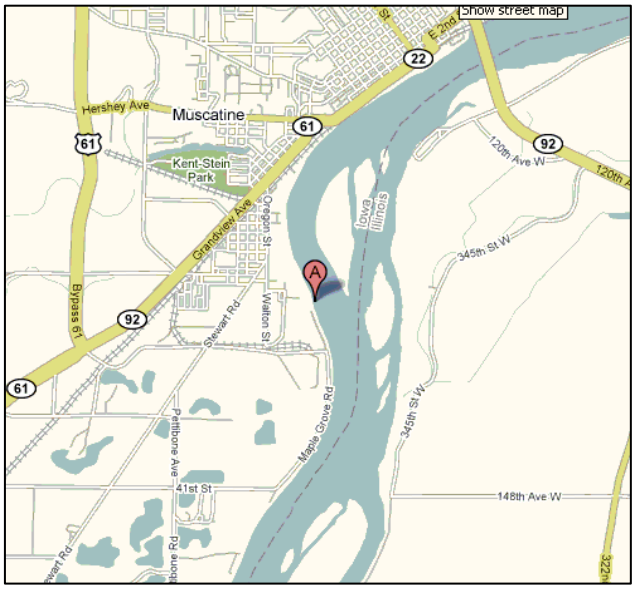
LOCATION: In Muscatine County, Iowa, on the right bank at the Muscatine Power & Water barge piers, 2.4 miles downstream from the Illinois Route 92 bridge, 3.9 miles downstream from Lock and Dam 16, and at river mile 453.3 above mouth of the Ohio River.

SW l/4, Sec. 36, Twp. 17N, Rng. 6W

41°23'48"N, 91°03'25"W

Drainage Area = approx. 99,450 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



1993 FLOOD INFORMATION

One residence was damaged in Andalusia. Sandbags were used on 2nd Avenue to control high stages on the Mississippi River which had impacted local tributaries.

Approximately 11 residences were damaged in the Drury DD due to seepage and heavy interior rains. The levee was sandbagged to prevent being overtopped.

At the Bay Island D&LD the levee was raised 4' with sandbags and wooden supports. Four pumps were used to try to control water levels within the district due to seepage and heavy interior rains. Approximately 13 residences and 16,500 acres of farm land were damaged.

Mississippi River
Muscatine, IA
MUSI4

NARRATIVE	STAGE	HISTORICAL
	28	
Water reaches the top of the Bay Island main levee at the north end of the district @ 27.5 **		
Water reaches the top of the Drury main levee at the south end of the district @ 26.9 **		
	26	
		** 25.61 7/9/1993
Water reaches the top (low spots) of the Drury levee @ 25.0 **		** 24.81 4/29/1965
		** 24.43 6/17/2008
	24	
		** 23.5 4/25/2001
	22	
		** 21.63 4/25/1973
		** 21.43 5/2/2008
		** 21.20 4/26/1969
		** 21.09 4/21/1997
	20	** MAJOR FLOOD STAGE 20.0' (NWS)
		** 18.13 6/23/2004
	18	** MODERATE FLOOD STAGE 18.0' (NWS)
	16	** **FLOOD STAGE 16.0'**
	14	

ELEVATION ZERO: 530.74
MSL 1912

MISSISSIPPI RIVER AT LOCK AND DAM #17 TAILWATER NEAR NEW BOSTON, ILLINOIS

USGS GAGE NUMBER: NONE*

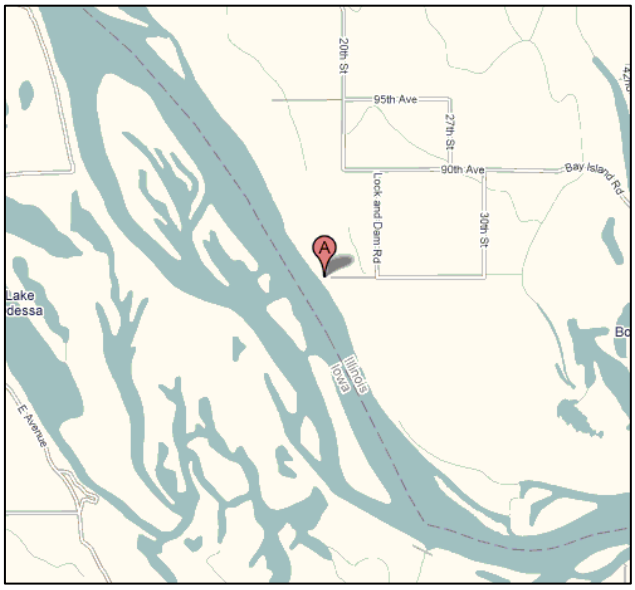
LOCATION: In Mercer County, Lock & Dam #17 is located approximately 3 miles upstream of the Iowa River, and at river mile 437.1 above mouth of the Ohio River.

NW 1/4, Sec. 27, Twp. 14N, Rng. 6W

41°11'29"N, 91°03'20"W

Drainage Area = 99,600 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



1993 FLOOD INFORMATION

Approximately 20 homes in New Boston were damaged.

Mississippi River
Lock & Dam #17 TW
NBOI2

NARRATIVE	STAGE	HISTORICAL
	28	
Water overtops the low spot of the ** Bay Island levee @ 26.0	26	** 25.9 7/09/1993
		** 25.2 6/17/2008
	24	
Bait Shop in New Boston has water ** on the first floor @ 23.9		
		** 23.14 4/28/1965
		** 22.46 4/25/2001
Water affects County Hwy 17 in New Boston @ 22.3 **	22	
		** 21.83 5/1/2008
		** 21.73 4/25/1973
Minor seepage along the south end of the Bay Island main ** levee. One cabin in the water along Eliza Creek @ 20.0	20	
		** 19.76 4/26/1969 ; 19.67 4/21/1997
		** MAJOR FLOOD STAGE 18.5' (NWS)
Lock & Dam closure @ 18.2 **		** 18.25 6/02/2004
	18	
		** MODERATE FLOOD STAGE 16.5' (NWS)
	16	
		** **FLOOD STAGE 15.0'**
	14	

ELEVATION ZERO: 526.57
MSL 1912

MISSISSIPPI RIVER AT KEITHSBURG, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Mercer County, on the left bank near Main St. in Keithberg, 3.8 miles downstream of the Edwards River and approximately 6.5 miles downstream from the Iowa River. and at river mile 427.4 above mouth of the Ohio River.

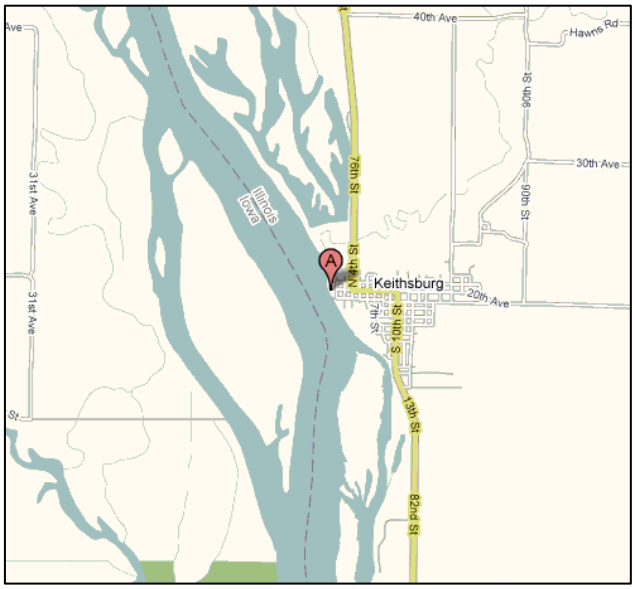
SE 1/4, Sec. 22, Twp. 13N, Rng. 5W

41°06'22"N, 90°57'34"W

Drainage Area = 112,870 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

Gage was relocated in 1997 from the Railroad bridge.,



2008 FLOOD INFORMATION

The levee along Pope Creek on the north side of town between 3rd and 4th streets failed on June 14, 2008 causing flood damage to approximately 80 structures.

1993 FLOOD INFORMATION

Approximately 173 residences and 23 businesses were damaged in Keithsburg. Most of the damage occurred when the levee along Pope Creek near 16th St. failed on July 7, flooding about $^{2}/_{3}$ of Keithsburg.

Mississippi River
Keithsburg, IL
KHBI2

NARRATIVE	STAGE	HISTORICAL
Water reaches the instrument gage shelf @28.0 **	27	
Water at foot of gage house @ 25.0 **	25	
		** 24.49 6/17/2008
		** 24.15 7/9/1993
	23	
Top of Keithsburg levee along Pope Creek ** on north side of town @ 22.5		
Water reaches the top of the Keithsburg levee @ 21.0 **	21	
Water can enter Keithsburg levee at 4th St crossing ** without sandbag closure (2008) @ 20.9		** 20.72 5/12/2001
		** 20.46 4/27/1965
		** 20.35 5/02/2008
Water affects the Keithsburg boat club building @ 20.0 **		
Water can enter Keithsburg levee at 3rd St crossing ** without sandbag closure (2008) @ 19.8		
		** 19.35 4/25/1973
Seepage behind the keithsburg levee affects businesses ** on 4th St and Keithsburg Rd at Pope Creek @ 19.0	19	** 19.10 4/25/1993
		** 18.71 4/14/1998
		** 17.99 4/21/1997
		** 17.46 10/7/1986
Seepage behind the keithsburg levee affects ** Jackson Ave south of 4th St @ 17.0	17	** MAJOR FLOOD STAGE 17.0' (NWS)
		** 16.78 6/03/2004
Water is over the campground and ** boat ramp in Keithsburg @ 16.0		
		** MODERATE FLOOD STAGE 15.5' (NWS)
	15	
Water affects the campground along the river @ 14.0 **		** **FLOOD STAGE 14.0'**
Water is over the local access road to summer ** cottages in Huron Township @ 13.5		
Unpaved county roads and ag land affected @ 13.0 **	13	

ELEVATION ZERO: 523.19
MSL 1912

MISSISSIPPI RIVER AT LOCK AND DAM #18 TAILWATER NEAR GLADSTONE, ILLINOIS

USGS GAGE NUMBER: NONE*

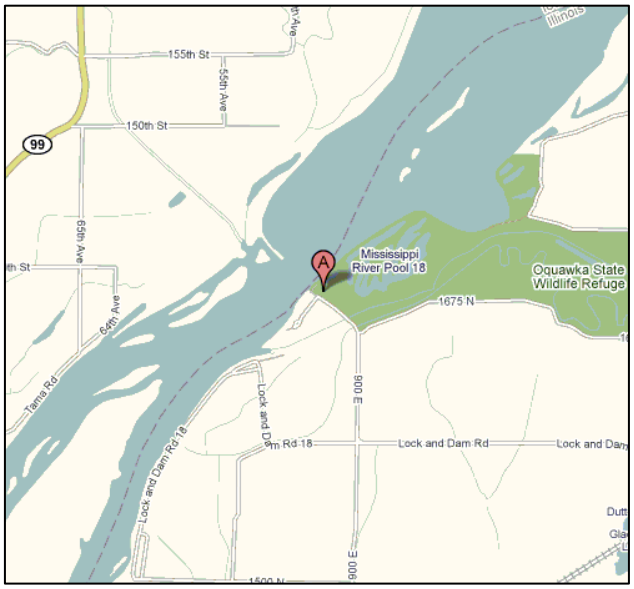
LOCATION: Lock and Dam 18 is located approximately .5 river miles upstream from the mouth of Henderson Creek, and 6.3 river miles upstream of MacArthur Highway I-34 Bridge., and at river mile 410.5 above mouth of the Ohio River.

NE 1/4, Sec. 12, Twp. 70N, Rng. 6W

40°52'53"N, 91°01'21"W

Drainage Area = 113,600 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

The Henderson County DD#3 (IDNR property) levee breached on June 14. When the district filled up with water, the floodwater overtopped the southern flank levee along Henderson Creek,

At Oquawka the levee was raised approximately 2 to 3 feet with sand, plastic and sandbags.

1993 FLOOD INFORMATION

At the Henderson County DD #3 portions of the levee were raised 3' with sandbags. The levee had several major sand boils. The levee failed, apparently by piping, on July 1 in an area which had not been raised and which had not previously indicated seepage problems. The drainage district filled in about 24 hours from the time of the levee failure.

STAGE Mississippi River
Lock & Dam #18 TW (Gladstone, IL)
GLDI2

NARRATIVE	STAGE	HISTORICAL
	24	
Water reaches the top of the Oquawka levee @ 22.8 **		
		** 22.46 6/17/2008
	22	
Water at the top of the flank levee at the southeast corner of the Henderson D&LD #3 @ 21.0 **		** 21.54 7/10/1993
	20	
Lock & Dam #18 - Top of lock wall @ 19.1 **		
	18	
		** 17.65 5/12/2001
		** 17.40 4/25/1973
Water reaches the top of the Henderson #3 levee @17.0 **		
Water affects the IL Power facilities along Marina Drive @ 16.9 **		** 17.10 4/27/1965 ; 17.04 5/2/2008
Water enters the levee at Schuyler St in Oquawka @ 16.8 **		
		** 16.6 4/26/1993
5 houses outside of Oquawka levee have water in the basement and 1 garage has water in it (2008) @ 16.5 **		
Water affects Marina Drive south of Oquawka @ 16.0 **	16	
Lock & Dam closure @ 15.0 **		
Water affects most houses on 1st St in Oquawka @ 14.7 **		** 14.65 4/21/1997
		** 14.56 4/27/1951 ; 14.52 4/26/1969
		** 14.48 5/9/1975
	14	** MAJOR FLOOD STAGE 14.0' (NWS)
Water begins to affect houses on 1st St in Oquawka @ 13.8 **		** 13.88 6/02/2004
	12	** MODERATE FLOOD STAGE 12.0' (NWS)
Water affects low lying areas near Oquawka @ 11.9 **		
	10	** **FLOOD STAGE 10.0'**

ELEVATION ZERO: 518.52
MSL 1912

At Oquawka approximately 11 residences and 2 businesses were damaged all of which were on the outside of the levee. The levee was raised 3' in some locations by sandbags. The levee held however there were seepage problems which required using 4 pumps to prevent flooding on the interior side of the levee.

Dam 18 had flows over it causing potential erosion problems for the Henderson DD#1 flank levee.

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MISSISSIPPI RIVER AT BURLINGTON, IOWA

USGS GAGE NUMBER: NONE*

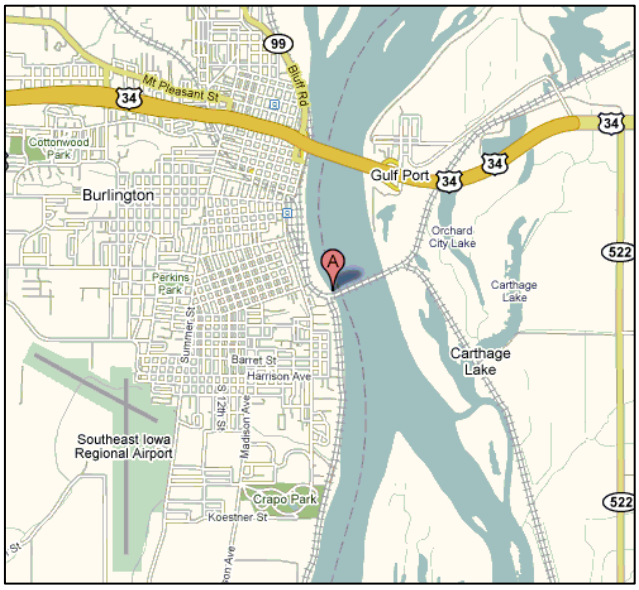
LOCATION: In Burlington, IA, at the Waste Water Treatment Plant upstream of the Burlington Northern railroad bridge, and at river mile 403.2 above mouth of the Ohio River.

SW 1/4, Sec. 33, Twp. 10N, Rng. 6W

40°47'53"N, 91°05'30"W

Drainage Area = 114,500 mi^2
114,000 mi^2 COE

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

The Henderson DD#2 levee failed due to an overtopping breach on June 17, 2008. As floodwaters filled in DD#2, they overtopped the BNSF railroad, closing and damaging the railroad; flooding Henderson DD#1 and completely inundating the town of Gulfport and closing US 34. Approximately 159 structures in Gulfport and 22 rural structures in the two districts were damaged. Both levees had been raised approximately 1-2 feet with sand, sandbags and plastic.

The Niota levee was raised approximately 1'-2' with sandbags.

Damage information for Dallas City and Pontoosuc was gathered from a flood surveillance trip in April. The stage was 20.1 feet at the time of the observations.

Mississippi River
Burlington, IA
BRLI4

NARRATIVE	STAGE	HISTORICAL
	28	
Henderson #2 levee overtops at Carthage Lake @ 26.1 **		
Henderson #1 levee overtops at Gulfport @ 26.0 **	26	
		** 25.73 6/17/2008
		** 25.10 7/10/1993
Water overtops Niota levee at the pump station @ 24.1 **	24	
Water overtops the Henderson #1 and #2 **		
levees at low spots @ 23.9		
	22	
		** 21.82 5/14/2001
Water overtops Niota levee at IL 9 bridge		** 21.50 4/25/1973
if road closure is not in place @ 21.2 **		** 21.18 5/3/2008
Damage begins to sewage treatment **		** 21.0 4/30/1965
plant at Dallas City @ 21.0		
1 house with water on the first floor in Dallas City @ 20.6 **		
		** 20.4 4/25/1993
9 houses with water on the foundation, 6 outbuilding		
with water in them and First St flooded in Dallas City. 9 **	20	
with water on the first floor, 24 with water on the		
foundation in Pontoosuc @ 20.1		
Homes on First St begin to be impacted in Dallas City. **		
Several Homes in Pontoosuc begin to be impacted. IL 96		
between Niota and Dallas City begins to flood @ 19.5		** 19.02 10/6/1986
Water begins to flood the streets along the river in **		** 18.94 4/21/1997
Pontoosuc @ 19.0		** 18.71 4/15/1998 ; 18.70 4/4/1960
		** 18.50 4/6/1979
		** 18.32 6/2/2004
First St floods by the ball park in Dallas City @ 18.0 **	18	** MAJOR FLOOD STAGE 18.0' (NWS)
		** MODERATE FLOOD STAGE 16.5' (NWS)
	16	
		** **FLOOD STAGE 15.0'**
	14	

ELEVATION ZERO: 511.45
MSL 1912

In Dallas City nine houses had water at the foundation, and six outbuildings had water in them.

In Pontoosuc there were 24 houses with water at the foundation and nine houses had water in them.

During the June 2008 event the peak stage was 25.73 feet, 5.63 feet higher than April.

In Dallas City, three homes were taking a buyout, and two or three were elevating due to the flooding.

1993 FLOOD INFORMATION

At Dallas City the sewage treatment plant was shut down beginning July 1. About 20 residences were damaged in addition to the sewage treatment plant and 2 lift stations. Additional residential damage was minimized by the placement of sandbags, up to 4' high, in the area of First St.

At the Niota area there were about 126 residences which were either damaged or were surrounded by water. The flood also caused an oil spill.

At Pontoosuc about 136 residences were damaged.

At Gulfport 5 residences and 2 businesses which are outside of the levee were damaged.

The Henderson County DD #1 levee was raised 4' by sandbags. Seepage and interior runoff caused problems on the interior of the levee.

The Henderson County DD #2 levee was raised 4' by sandbags. Seepage and interior runoff caused problems on the interior of the levee.

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MISSISSIPPI RIVER AT KEOKUK, IOWA

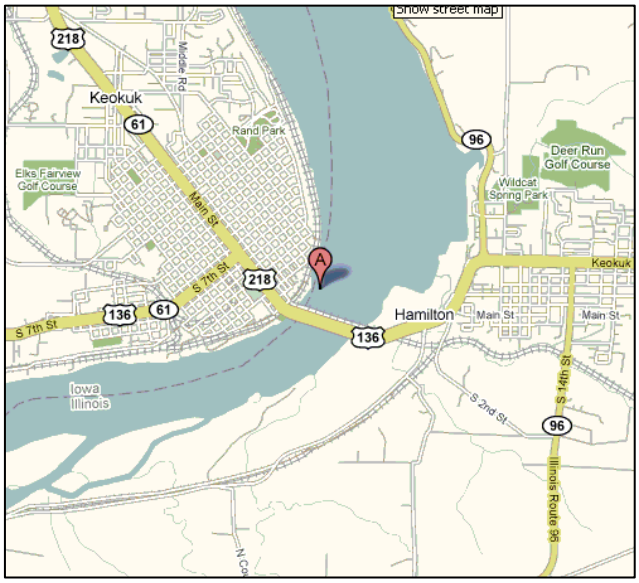
USGS GAGE NUMBER: 05474500

LOCATION: In Lee County, Iowa, near right bank in the tailwater of the Union Electric Company dam at Keokuk, 0.2 mile upstream from bridge on U.S. Highway 136, 2.7 miles upstream from the Des Moines River, and at river mile 364.2 above mouth of the Ohio River.

SW 1/4, Sec. 30, Twp. 65N, Rng. 4W

40°23'37"N, 91°22'27"W NAD27

Drainage Area = 119,000 mi^2



2008 FLOOD INFORMATION

During the June event, one house , one trailer, and the sewage treatment plant all flooded. There was approximately six feet of water in the sewage treatment plant.

1993 FLOOD INFORMATION

At Nauvoo sandbags were placed on the side of the levee at the water treatment plant and at a private levee for protection, however none were placed on top. The private levee experienced some sand boils and pumping was needed at both levees to prevent damage.

At Warsaw about 16 residences and 2 businesses were damaged. The levee around the sewage treatment plant was raised 2' by sandbags before it failed, resulting in untreated sewage being discharged to the river. Three of the sewage lift stations were also damaged.

Mississippi River
Keokuk, IA
EOKI4

NARRATIVE	STAGE	HISTORICAL
	30	
	28	
		** 27.58 7/10/1993
		** 26.95 6/17/2008
	26	
Hamilton wastewater treatment plant low building has water on foundation @ 25.0 **		
Water affects low buildings in Hamilton @ 24.0 **	24	
U.S. Hwy 136 overtops near the bridge @ 23.6 **		
		** 23.5 4/23/1973
Water affects IL 96 between Nauvoo and Hamilton @ 23.0 **		
		** 22.94 5/14/2001
Water at the first floor of one house in Warsaw @ 22.7 **		
Water affects the Warsaw water treatment plant @ 22.0 **	22	** 22.14 5/1/1965
		** 21.83 4/4/1960
One block of Water St in Nauvoo loses access and Lock & Dam closure @ 21.2 **		
		** 21.0 6/6/1851
		**
		** 20.6 5/27/1994
	20	
		** 19.7 4/30/1951
		** 19.46 4/27/1993
		** MAJOR FLOOD STAGE 19.0' (NWS)
Water at the foundation of one house with a basement in Warsaw @ 18.7 **		
	18	
		** 17.63 6/4/04
		** MODERATE FLOOD STAGE 17.5' (NWS)
Damage begins to low lying buildings in rural areas @ 16.0 **	16	** **FLOOD STAGE 16.0'**

ELEVATION ZERO: 477.83
MSL 1912

The water treatment plant was protected by placing sandbags 6.5' high, although continuous pumping was necessary to control the seepage.

At Hamilton 1 residence was damaged. Three businesses were closed due to the flooding but were not severely damaged. Sandbags were placed up to 9' high around the water treatment plant which allowed its continued operation after the levee protecting it failed. The four lane portion of U.S. Rte. 136 was closed on July 5 and reopened as two lanes on July 17 after it was raised with rock on the inside of concrete barriers.

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MISSISSIPPI RIVER AT GREGORY LANDING, MISSOURI

USGS GAGE NUMBER: NONE*

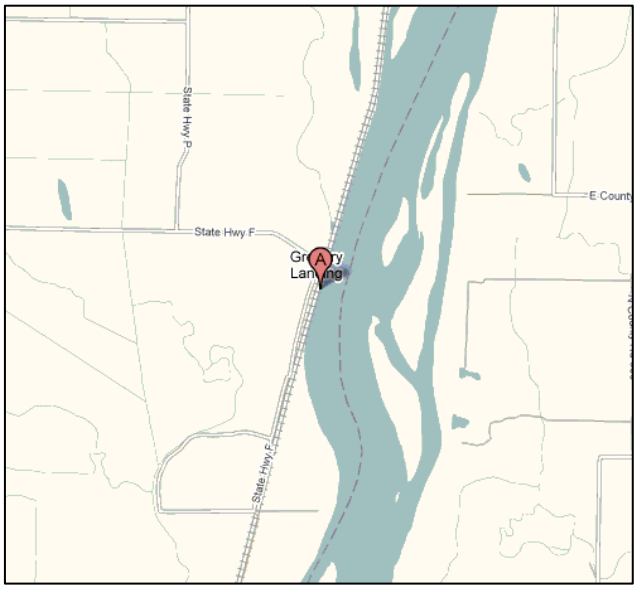
LOCATION: On the right bank in the downstream portion of Gregory Landing, Missouri, 40 feet riverward of the centerline of the levee, and at river mile 352.9 above mouth of the Ohio River.

NE 1/4, Sec. 12, Twp. 63N, Rng. 6W

40°16'45"N, 91°29'45"W

Drainage Area = 133,600 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

The Hunt & Lima Lake D&LD levee was raised 2-3 feet using sand, sandbags, and plastic before it failed on June 18 in two locations; one in the southern end of the district and one by Lock & Dam 20. Approximately 30,000 acres of farmland were flooded as was the town of Meyer

1993 FLOOD INFORMATION

The Lima Lake DD levee was raised 3' by sandbags before it failed on July 9. Approximately 40 residences and 14,000 acres of farmland within the district were damaged. Severe seepage and sand boils occurred prior to the failure.

The Hunt D&LD levee was raised by sandbags. When the Lima Lake DD levee failed water came into the Hunt D&LD causing damage to about 36 residences and 18,000 acres of farmland.

Mississippi River
Gregory Landing, IL
GGYM7

NARRATIVE	STAGE	HISTORICAL
	28	** 28.49 7/09/1993
		** 27.60 6/18/2008
	26	
Water overtops the Hunt & Lima Lake levee at low spot @ 25.4 **		
		** MAJOR FLOOD STAGE 25.0' (NWS)
		** 24.6 4/24/1973
	24	** 24.04 5/15/2001
		** 22.70 5/1/1965
	22	
		** 21.5 4/3/1960 ; 21.46 4/22/1993
		** 20.89 5/4/2008
		** 20.43 5/28/1996
	20	
		** 19.1 4/12/1979
		** 18.69 6/03/2004
		** 18.33 4/20/1997
	18	** MODERATE FLOOD STAGE 18.0' (NWS)
		** 18.0 2/25/1985
Buildings in unprotected low areas damaged @ 16.0 **	16	
		** **FLOOD STAGE 15.0'**
	14	

ELEVATION ZERO: 472.71
MSL 1912

MISSISSIPPI RIVER AT LOCK AND DAM #20 TAILWATER CANTON, MISSOURI

USGS GAGE NUMBER: NONE*

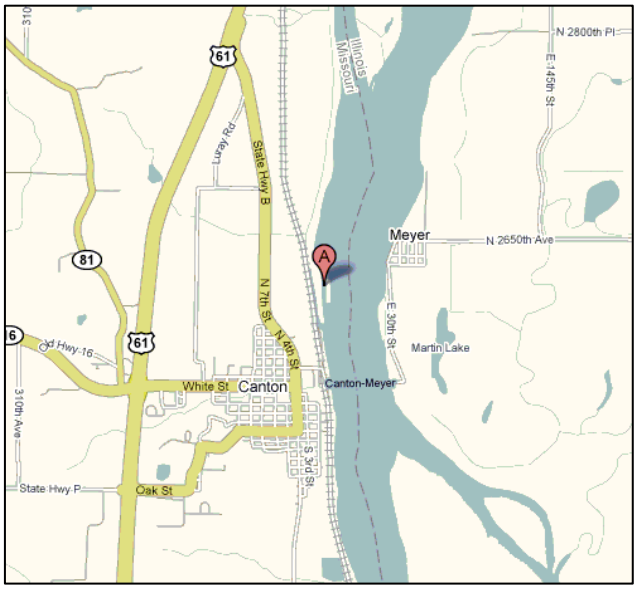
LOCATION: Lock and Dam 20 is located off of Old Highway 61, approximately .5 miles north of Henderson St. in Canton MO. on Lock and Dam Road, and at river mile 343.2 above mouth of the Ohio River.

NW 1/4, Sec. 25, Twp. 62N, Rng. 6W

40°08'40"N, 91°30'55"W

Drainage Area = 134,300 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

The Indian Graves North D&LD levee was raised 2-3 feet using sand, sandbags, and plastic. The levee held through the event but did experience a lot of seepage.

STAGE

Mississippi River
Lock & Dam 20 TW (Canton)

NARRATIVE	STAGE	HISTORICAL
	28	
		** 27.88 7/9/1993
		** 27.73 6/18/2008
Water overtops the Hunt & Lima Lake levee at Meyer @ 26.9 **		
	26	
		** MAJOR FLOOD STAGE 25.0' (NWS)
		** 24.5 4/23/1973
	24	
		** 23.20 5/15/2001
	22	
		** 21.42 5/1/1965
		** 20.92 10/4/1986
		** 20.82 4/3/1960
		** 20.19 2/26/2007
	20	** MODERATE FLOOD STAGE 20.0' (NWS)
		** 19.60 4/15/1998 ; 19.64 5/4/2008
		** 19.50 5/12/1951
Lock & Dam closure @ 18.0 **	18	
	16	
	14	** **FLOOD STAGE 14.0'**

ELEVATION ZERO: 468.50
MSL 1912

MISSISSIPPI RIVER AT QUINCY, ILLINOIS

USGS GAGE NUMBER: NONE*

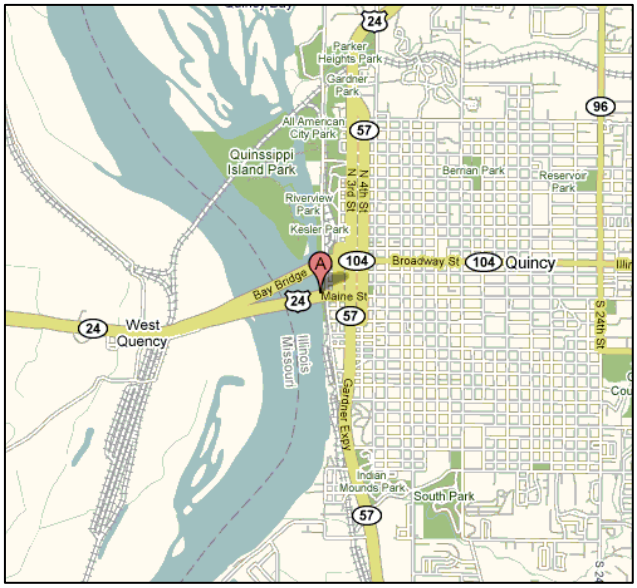
LOCATION: In Adams County, at Quincy water works, 0.8 mile upstream from Quincy Highway Bridge, three miles upstream from Dam No. 21, and at river mile 327 above mouth of the Ohio River.

NW 1/4, Sec. 15, Twp. 2S, Rng. 9W

39°55'56"N, 91°24'58"W

Drainage Area = 135,500 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

The Indian Graves South D&LD levee was raised 2-3 feet using sand, sandbags, plastic and flashboards before it failed on June 18 in three locations all near the southern portion of the district. Approximately 6,900 acres of farmland were flooded.

1993 FLOOD INFORMATION

The southern section of the sandbagged Indian Grave DD levee failed on July 12 damaging about 8,000 acres of farmland. The northern section of the levee failed on July 13 damaging an additional 10,000 acres of farmland.

Access to West Quincy, Mo. was eliminated when the West Quincy levee failed on July 16.

Damage at Quincy was primarily to businesses and manufacturers located near the river.

Mississippi River
Quincy, IL
UINI2

NARRATIVE	STAGE	HISTORICAL
Water overtops Quincy water treatment **	-----35-----	
plant floodwall @ 35.0		
Water overtops the South Quincy levee @ 32.4 **		
	-----32-----	** 32.13 7/13/1993
		** 30.8 6/18/2008
Water overtops the Indian Graves North levee @ 29.3 **		
Water reaches the low steel on the **	-----29-----	** 28.9 4/23/1973
BNSF bridge in Quincy @ 28.8		
Water overtops the Indian Graves South levee @ 28.6 **		
Damage begins at the Quincy sewage **		
treatment plant @ 28.2		
Quincy and S. Quincy levee begins sandbagging @28.0 **		
Water flows over the lock gates at L&D Dam 21 @ 27.8 **		** 27.31 5/16/2001
Damage begins to Naval Reserve Training **		
Center in Quincy @27.4		
	-----26-----	
		** 25.3 10/4/1986
		** 24.45 5/29/1996
		** 24.20 4/29/1995
		** 23.8 4/15/1983
County Hwy 7 in Quincy begins to flood @23.5 **		
		** 23.36 4/15/1998
Old US Hwy 61 inundated 8.5 mi. north of Quincy @ 23.0 **	-----23-----	** 23.11 5/5/2008
		** MODERATE FLOOD STAGE 22.5' (NWS)
		** 22.1 6/22/1990 ; 22.5 4/13/1979
		** 21.37 5/26/1995
The barge facility & boat club in Quincy lose access @ 21.1 **		
		** 20.56 6/4/2004
Quincy City Park, just north of the Memorial Bridge, **	-----20-----	
begins to flood @ 20.0		
Quincy parks, north of Broadway, begin to flood @ 19.0 **		** 19.1 2/27/1985
Railroad lines north of Quincy become inundated at **		
several locations @ 18.6		
		** MODERATE FLOOD STAGE 18.0' (NWS)
	-----17-----	** **FLOOD STAGE 17.0**
	-----14-----	

ELEVATION ZERO: 458.59
MSL 1912

MISSISSIPPI RIVER AT HANNIBAL, MISSOURI

USGS GAGE NUMBER: NONE*

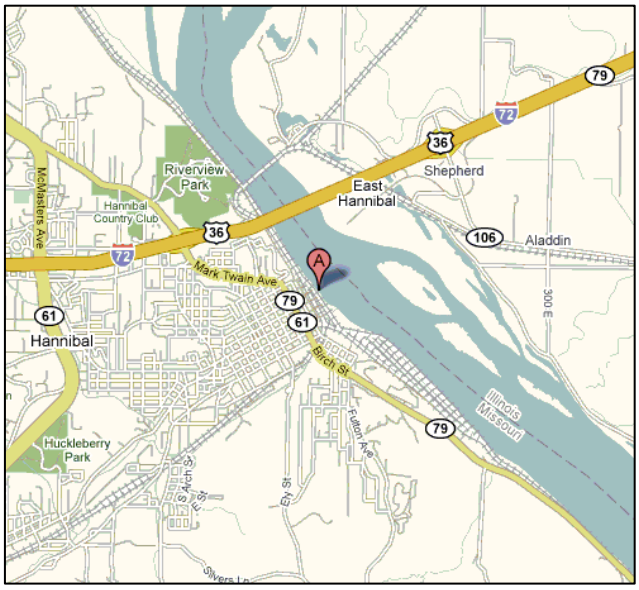
LOCATION: on the right bank in abandoned city pump house at grain elevator 100 yards up stream of small boat harbor, 4 blocks below the Interstate 72 bridge, and at river mile 309 above mouth of the Ohio River.

NE 1/4, Sec. 21, Twp. 56N, Rng. 4W

39°42'43"N, 91°21'16"W

Drainage Area = 136,990 mi^2
137,200 mi^2 COE

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

Sny Island L&DD #1 was raised approximately 3-5 feet with sand, plastic and sandbags. The levee held but there was considerable seepage and boils.

1993 FLOOD INFORMATION

The sandbagged Sny Island L&DD levee for cell no. 1 failed on July 25 by piping. The levee had withstood higher stages against it. Failure of the levee damaged nearly 44,000 acres of farmland and caused the evacuation of and damage to the communities of Fall Creek, Hull, and East Hannibal. The other cells of the Sny Island L&DD were also raised by sandbagging but withstood the long flood duration although severe seepage and sand boils did occur.

Mississippi River
Hannibal, MO
HNNM7

NARRATIVE	STAGE	HISTORICAL
	32	** 31.8 7/16/1993
Water reaches the top of the Sny Island Levee # 1 at the Old Sny Recreation Area @ 30.5	30	** 29.54 6/18/2008
Water overtops the Sny Island Levee #1 ** at the lowspot @ 28.6	28.59	** 28.59 4/25/1973
	28	
	26.91	** 26.91 5/16/2001
	26	
	25.3	** 25.3 10/4/1986
	24.59	** 24.59 5/1/1965
	24.41	** 24.41 5/29/1996
	24	
	23.9	** 23.9 4/5/1983
	23.48	** 23.48 4/15/1998 ; 23.40 4/4/1960
	22.69	** 22.69 4/13/1979
	22	** MAJOR FLOOD STAGE 22.0' (NWS)
	21.9	** 21.9 5/26/1995
	21.07	** 21.07 6/04/2004
	20.8	** 20.8 4/22/1997
	20	
	18.33	** 18.33 5/2/1983
	18	** MODERATE FLOOD STAGE 18.0' (NWS)
Riverside Park oneast side ** (inside Sny Levee) floods @ 17.0		
Damage begins to buildings in unprotected ** low areas @16.0	16	** **FLOOD STAGE 16.0'**

ELEVATION ZERO: 449.43
MSL 1912

MISSISSIPPI RIVER AT LOCK AND DAM #22 TAILWATER AT SAVERTON, MISSOURI

USGS GAGE NUMBER: NONE*

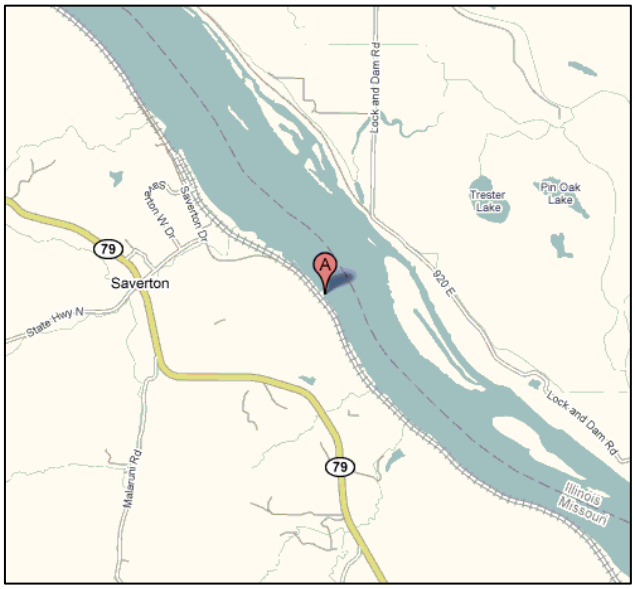
LOCATION: In Ralls County, Missouri, Lock and Dam 22 is located off of Highway 79 on Route E. It is directly upstream from Cottel Island near Saverton, MO, and at river mile 301.2 above mouth of the Ohio River.

NE 1/4, Sec. 20, Twp. 56N, Rng. 3W

39°38'10"N, 91°14'58"W

Drainage Area = 137,500 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



Mississippi River
Lock & Dam #22 TW
SVRM7

NARRATIVE	STAGE	HISTORICAL
	32	
	30	
		** 29.58 7/25/1993
	28	** 28.0 6/23/2008
		** 26.8 4/25/1973
	26	** 26.12 5/16/2001
Water enters Lock House @25.0 **		
	24	** 24.10 10/5/1986
		** 23.68 5/30/1996
		** 23.4 4/5/1983
		** 23.26 5/1/1965
		** 22.99 4/15/1998
		** 22.76 6/10/1947
		** 22.03 4/4/1960
	22	** MAJOR FLOOD STAGE 22.0' (NWS)
Lock & Dam closure @ 21.9 **		** 21.87 4/13/1979
		** 20.98 5/14/2002 ; 21.0 5/26/1995
		** 20.29 6/4/2004
	20	** MODERATE FLOOD STAGE 20.0' (NWS)
	18	** 18.1 5/2/1983
	16	** **FLOOD STAGE 16.0'**
Buildings in unprotected areas damaged @ 12.0 **		

ELEVATION ZERO: 446.10
MSL 1912

MISSISSIPPI RIVER AT LOUISIANA, MISSOURI

USGS GAGE NUMBER: NONE*

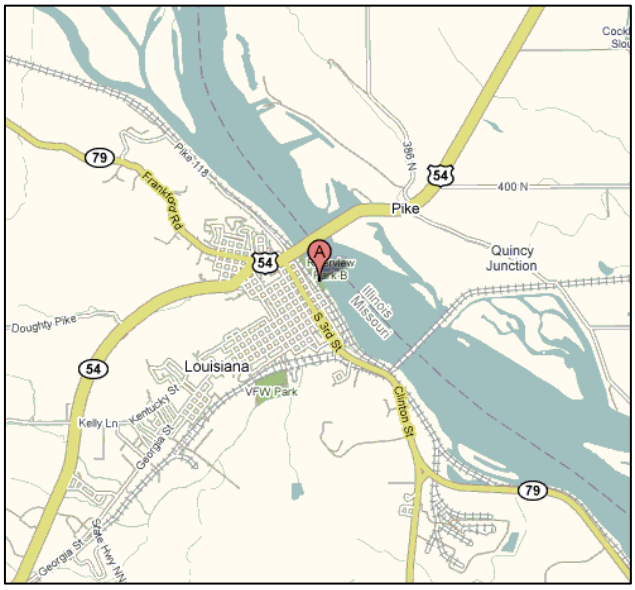
LOCATION: In Pike County, 0.8 miles upstream from the Gulf, Mobile and Ohio Railroad bridge, 0.3 miles downstream of the US 54 bridge, 1.2 miles downstream of Salt River at Louisiana city water intake, and at river mile 282.9 above mouth of the Ohio River.

NW 1/4, Sec. 13, Twp. 7S, Rng. 6W

39°27'09"N, 91°02'48"W

Drainage Area = 140,700 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.



2008 FLOOD INFORMATION

The Sny Island L&DD#2 levee was raised 2-3 feet with sand pushed up and plastic over the top of it.

The Sny Island L&DD#3 levee was raised 2-3 feet with sand pushed up and plastic on the northern section and raised with just sand on the southern section. US Rte 54 was closed off at the Sny Island L&DD#3 levee on the Illinois Side.

1993 FLOOD INFORMATION

Sandbags were placed across U.S. Rte. 54 and the railroad on the Illinois side of the Mississippi River at Louisiana, Mo. to tie into the raised levee of Sny Island L&DD.

Mississippi River
Louisiana, MO
LUSM7

NARRATIVE	STAGE	HISTORICAL
	32	
Water reaches the top of the levee at the upstream ** end of the Sny Island Levee #2 @ 30.5	30	
The boat house floods @ 29.5 **		
		** 28.28 7/29/1993
Water reaches the low steel of the railroad ** bridge at Louisiana @ 28.0	28	
Water overtops the Sny Island Levee #2 at the lowspot @ 27.3 **		
Water overtops the Sny Island Levee #3 ** at the lowspot @ 27.2		** 27.05 4/24/1973 ** 26.96 6/23/2008
	26	
		** MAJOR FLOOD STAGE 25.0' (NWS)
Water reaches the US 54 road crossing at the ** Sny Island Levee #3 @ 25.0		
		** 24.43 5/16/2001
US 54 is closed on the Illinois side @ 24.0 **	24	
The Sny Island Levee District starts mobilizing to ** close the levee at US 54 @ 23.5		
The east approach to the US 54 bridge begins to ** flood @ 23.1		
		** 22.7 4/5/1983 ; 10/5/1986
		** 22.2 7/1/1969 ; 22.25 6/22/1947
	22	** 22.1 4/13/1979
		** 21.8 4/16/1998 ; 21.9 4/28/1993
		** 20.9 5/19/1995
		** 20.23 5/14/2002
	20	** MODERATE FLOOD STAGE 20.0' (NWS)
Houses outside the Sny Island levee #2 are ** surrounded by water @ 19.6		** 19.7 4/22/1997
	18	
Parking Area at boathouse floods @ 17.0 **		
	16	
Damage begins to unprotected areas @ 15.0 **		** **FLOOD STAGE 15.0'**
	14	

ELEVATION ZERO: 437.33
NGVD 1929

MISSISSIPPI RIVER AT LOCK AND DAM #24 TAILWATER AT CLARKSVILLE, MISSOURI

USGS GAGE NUMBER: NONE*

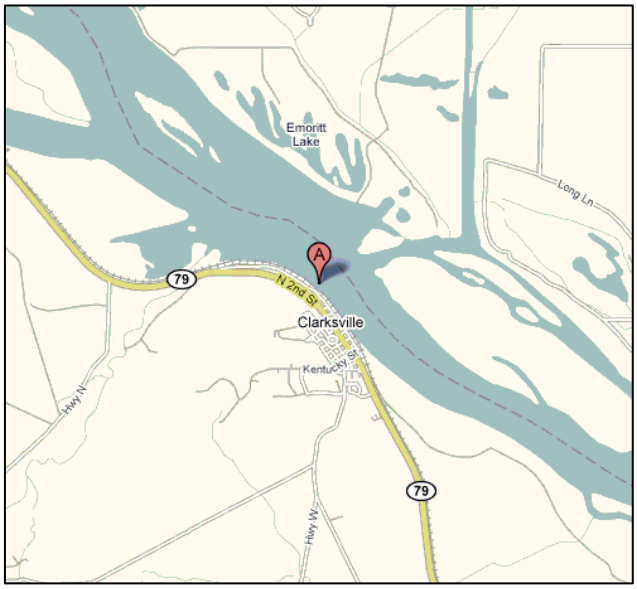
LOCATION: In Pike County at Clarksville, MO, in the lower end of the lock wall, and at river mile 273.2 above mouth of the Ohio River.

NW 1/4, Sec. 7, Twp. 8S, Rng. 4W

39°22'29"N, 90°54'25"W

Drainage Area = 140,900 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.



2008 FLOOD INFORMATION

Damage information was gathered from a flood surveillance trip in April. The stage was 30.1 feet.

In Mozier water was on the foundation of a house and IL Rte 96 had three feet of freeboard.

During the June 2008 event the peak stage was 36.7 feet, 6.6 feet higher than April.

NARRATIVE	STAGE	HISTORICAL
		Mississippi River Lock & Dam #24 TW CLKM7
	40	
Water overtops the Sny Island Levee #4 ** at river mile 271 @ 39.2		
	38	
		** 37.5 7/29/1993
Water overtops the Sny Island Levee #4 ** at the lowspot @ 37.2		** 36.76 4/24/1973 ; 36.7 6/24/2008
	36	
		** 34.7 5/16/2001
	34	
		** 33.7 10/5/1986
Water overtops IL Rt 96 at Mozier @ 33.2 **		** 33.24 4/6/1983
		** MAJOR FLOOD STAGE 33.0' (NWS)
		** 32.7 5/30/1996
Lock & Dam closure @ 32.5 **		** 32.44 4/13/1979
		** 32.2 4/25/1993
	32	
		** 31.4 5/19/1995
		** MODERATE FLOOD STAGE 31.0' (NWS)
		** 30.7 5/14/2002
One house in Mozier with water at the foundation @ 30.2 **		** 30.3 12/5/1982
	30	
		** 29.53 6/05/2004
Water overtops IL Rt 96 at Mozier Landing @ 28.8 **		
		** 28.8 5/2/1983
	28	
	26	
		** **FLOOD STAGE 25.0'**
	24	

ELEVATION ZERO: 422.00
NGVD 1929

MISSISSIPPI RIVER AT LOCK AND DAM #25 TAILWATER AT WINFIELD, MISSOURI

USGS GAGE NUMBER: NONE*

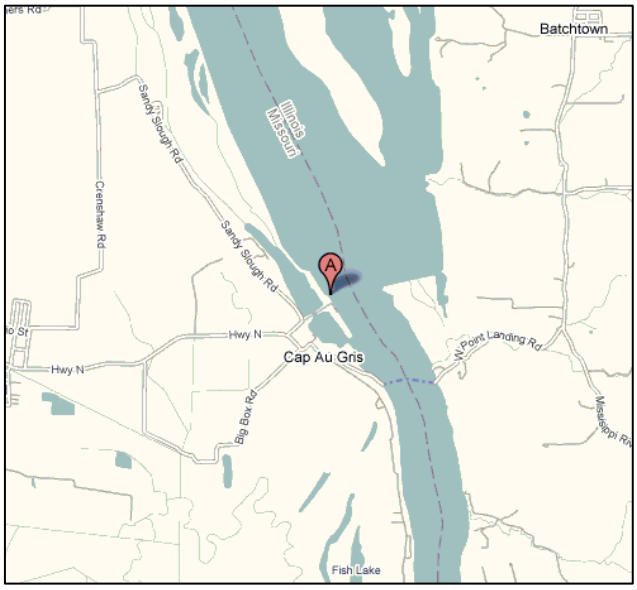
LOCATION: In Lincoln County near Winfield, Missouri in the lower end of the lock guide wall and at mile 241.2 above the Ohio River above mouth of the Ohio River.

NW 1/4, Sec. 19, Twp. 12S, Rng. 3W

39°00'19"N, 90°41'28"W

Drainage Area = 142,000 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.



2008 FLOOD INFORMATION

Approximately a dozen structures in Hamburg were flooded, and another six structures north of Hamburg were flooded.

1993 FLOOD INFORMATION

Thirty-six residences and one business in Hamburg were damaged.

Mississippi River
Lock & Dam #25 TW
CAGM7

NARRATIVE	STAGE	HISTORICAL
	40	
		** 39.62 8/1/1993
	38	
		** 37.08 6/27/2008
		** 36.93 4/27/1973
	36	
		** 34.7 5/18/2001
		** 34.20 4/14/1979
	34	** MAJOR FLOOD STAGE 34.0' (NWS)
		** 33.98 4/7/1983 ; 33.93 5/20/1995
Lock & Dam closure @ 33.75 **		** 33.63 10/7/1986
One house in Hamburg with water ** on the first floor @ 33.4		
		** 32.6 12/6/1982 ; 32.7 4/17/1998
		** 32.5 5/15/2002
	32	
		** 31.9 5/5/1983
Water Street in Hamburg begins to flood @ 31.2 **		
In Hamburg, 4 houses and a commercial building ** (abandoned?) with water on the foundations @ 30.4		
	30	** MODERATE FLOOD STAGE 30.0' (NWS)
		** 29.62 6/06/2004
	28	
Damage begins to cabins at various landings in the ** area. Inundation of low areas begins @ 26.2	26	** **FLOOD STAGE 26.0'**

ELEVATION ZERO: 407.09
NGVD 1929

MISSISSIPPI RIVER AT GRAFTON, ILLINOIS

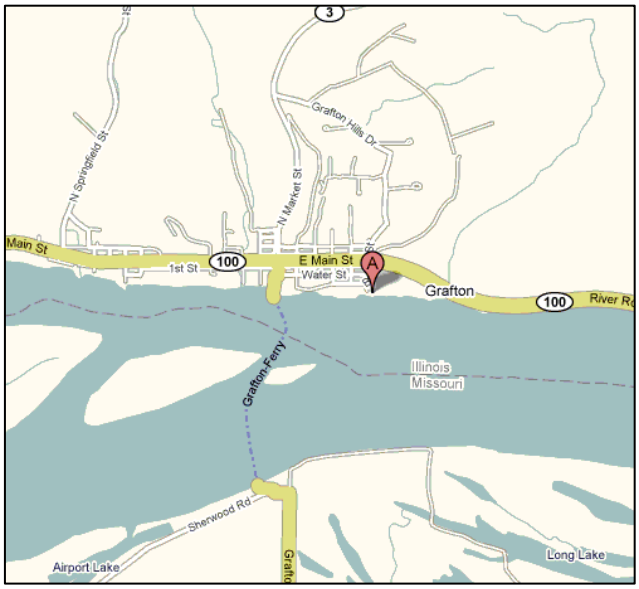
USGS GAGE NUMBER: 05587450

LOCATION: In Jersey County, 0.2 mile downstream from the mouth of the Illinois River 2.3 miles upstream from Chautaugua, Illinois, 3.8 miles upstream from Elsah, Illinois, and at river mile 218.0 above mouth of the Ohio River.

NW 1/4, Sec. 15, Twp. 6N, Rng. 12W

38°58'05"N, 90°25'44"W NAD83

Drainage Area = 171,300 mi^2



2008 FLOOD INFORMATION

In Elsah three homes reported having water in their basements due to flooding.

In Grafton 110 structures were damaged by the floods, with 86 of the structures considered substantially damaged.

1993 FLOOD INFORMATION

One business was damaged at Elsah.

About 260 residences and 32 businesses were damaged at Grafton. The water and sewage treatment facilities were not lost but a boil order was in effect from late June to late August. The ferry across the Illinois River to Calhoun County was closed due to the high stages.

Mississippi River
Grafton, IL
GRFI2

NARRATIVE	STAGE	HISTORICAL
	39	
		** 38.01 8/1/1993
	36	
Water overtops the Nutwood levee @ 33.5 **		
ondos on east side of Grafton have water at the fundation @ 33.1 **		** 33.20 4/28/1973
Water treatment plant is inundated @ 33.0 **	33	
Methodist Church at Main St & Vine St **		
in Grafton begins to flood @ 32.1		
		** 30.8 6/29/2008
**		** 30.39 5/29/1995
foundation. Restaurant at Main St & Maple St floods @ 30.1	30	
		** 29.7 10/9/1986
		** 29.37 4/15/1979
IL Rte 100 between Grafton and Alton floods @ 29.0 **		** MAJOR FLOOD STAGE 29.0' (NWS)
		** 28.2 4/29/1993 ; 28.1 5/16/2002
		** 27.7 12/8/1982
Fish market at Main St & Overmeyer St floods @ 27.6 **		** 27.55 5/5/1985
Motel at Main St & Daggett Hollow floods @ 27.5 **		
	27	
		** 26.7 6/2/1996
Residential flooding in Grafton Occurs @ 26.4 **		
Water distribution system begins to flood so **		
emergency measures begin @ 26.0		** 25.8 4/18/1998
Car wash at main St & Sycamore floods @ 25.6 **		
Brussels Ferry closes @ 25.5 **		** 25.19 5/19/2001
IL Rte 100 begins flooding near Chautaqua & Elsah @ 25.0 **		
City of Grafton closes Rte 100, Church **		
at Main & Evans St floods @ 24.7		
Water affects the marina and another house **	24	** MODERATE FLOOD STAGE 24.0' (NWS)
has water on the foundation @ 24.1		
In Grafton, the bait shop & one house have water on the **		
foundation. Water Street is inundated @ 23.1		
		** 21.41 6/05/2004
	21	
	18	** **FLOOD STAGE 18.0'**

ELEVATION ZERO: 403.79
NGVD 1929

MISSISSIPPI RIVER AT MELVIN PRICE LOCK AND DAM 26 TAILWATER AT ALTON, ILLINOIS

USGS GAGE NUMBER: NONE*

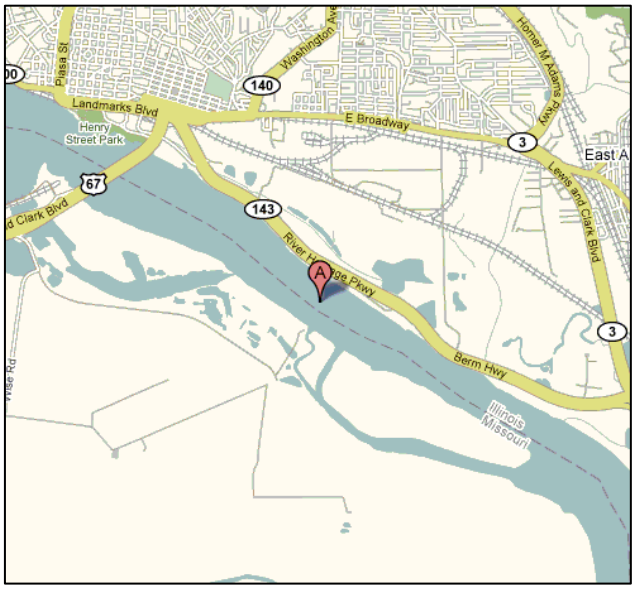
LOCATION: In Madison County, 2 miles downstream of the U.S. Rte. 67 bridge at river mile 200.5 above the mouth of the Ohio River.

SW 1/4, Sec. 19, Twp. 5N, Rng. 9W

38°52'05"N, 90°09'05"W

Drainage Area = 171,500 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.



1993 FLOOD INFORMATION

About 80 businesses were damaged in Alton. Streets in the area were buckling and flooding due to seepage and local runoff. Several thousand tons of rock were laid over the roads to provide for continued traffic movement. The private company providing water to Alton was damaged which necessitated the hauling of potable water during the first part of August.

NARRATIVE

Mississippi River
Melvin Price Lock & Dam #26 TW (Alton, IL)
WTAM7

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
Water overtops the Wood River D&LD levee @ 46.7 **	- -----42----- -	** 42.3 8/1/1993
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Railroad tracks from Wood River to Alton begin to flood @ 40.0 **	- -	
	- -	
	- -	
- -	- ----39----- -	- -
	- -	
US 67 from Wood River to Alton floods @ 39.0 **	- -	
	- -	
Water reaches the low steel on the railroad bridge **	- -	
swingspan in Alton @ 38.6	- -	
Damage begins to the Con Agra Company in Alton @ 37.6 **	- -	
	- -	** 36.9 6/16/1844
	- -	** 36.67 4/28/1973
Lock & Dam closure @ 36.5 **	- -	
- -	- -----36----- -	- -
	- -	
Burlington Northern RR floods from **	- -	
West Alton to Alton @ 35.0	- -	** 34.82 5/29-30/1995
Commercial damages begin in Alton @ 34.0 **	- -	
Urban damage begins in Alton at Riverfront Park @ 33.5 **	- -	
	- -	** 34.4 5/24/1943 ; 34.2 10/9/1986
	- -	** MAJOR FLOOD STAGE 34.0' (NWS)
	- -	** 33.99 1951
	- -	** 33.21 5/4/1983
Urban damages begin in Elsah, IL @ 33.0 **	- -----33----- -	** 33.08 6/29/2008
	- -	
	- -	** 32.42 4/25/1979 ; 32.44 12/8/1982
	- -	
	- -	
	- -	
	- -	
	- -	
Preventive measures taken to prevent commercial **	- -	
basement damage @ 30.7	- -	
- -	- -----30----- -	- -
IL Rte 100 at Alton Closes, the north and south Wood	- -	** 29.89 9/18/2008
River levee structures are closed @ 29.9	- -	** 29.6 3/8/1985
	- -	** MODERATE FLOOD STAGE 29.0' (NWS)
	- -	** 28.9 6/9/2001
	- -	
	- -	** 28.1 4/18/1998
	- -	
	- -	
	- -	
- -	- -----27----- -	- -
	- -	** 26.7 3/1/1997
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
- -	- -----24----- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Unprotected farm land inundated @20.8 **	- -----21----- -	** **FLOOD STAGE 21.0'**
	+ +++++++++ +	

ELEVATION ZERO: 395.48
NGVD 1929

MISSISSIPPI RIVER AT ST. LOUIS, MISSOURI

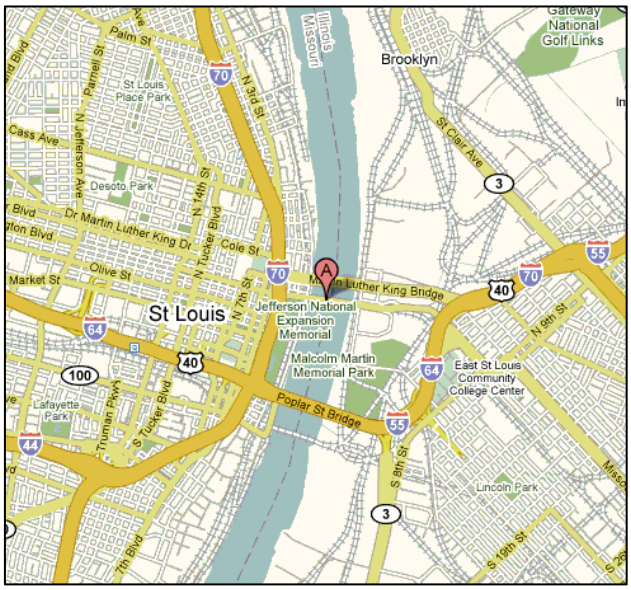
USGS GAGE NUMBER: 07010000

LOCATION: On the downstream side of the west pier of Eads Bridge at St. Louis, Missouri, 15 miles downstream from Missouri River, 19.2 miles upstream from Meramec River, and at mile 180.0 above the Ohio River.

SW 1/4, Sec. 11, Twp. 2N, Rng. 10W

38°37'44"N, 90°10'47"W NAD83

Drainage Area = 697,000 mi^2



1993 FLOOD INFORMATION

At the Fish Lake D&LD seepage and sand boils were controlled by sandbags. Some farmland adjacent to the levee was damaged due to the seepage.

At the Prairie DuPont D&LD seepage and local runoff caused the largest problems. The worst sand boil caused by the seepage was nearly 1,000 feet from the levee and required 15,000 sandbags to control. Two additional pumps were brought in to assist the pumping station in controlling the stages inside the district. About 12 residences and 1 business sustained damage within the district.

At Metro-East Levee and Sanitary District seepage and local runoff caused the largest problems. Hundreds of thousands of sandbags were used to strengthen the levee. Sand boils were covered with rock to control them. Fourteen pump station each with 5 to 6 pumps were running non-stop to control stages inside the district. Several local roads were closed when the flood gates were installed.

Mississippi River
St. Louis, MO
EADM7

NARRATIVE	STAGE	HISTORICAL
Water overtops the Metro East Sanitary District levee, **	54	
Fish Lake levee, and the Prairie DuPont levee @ 54.0		
	50	
		** 49.58 8/1/1993
Hartford Public Water supply threatened @ 49.0 **		
Water overtops the Harrisonville levee @ 48.0 **		
Water overtops the Columbia levee @ 47.7 **		
Businesses in Wood River damaged @ 47.2 **		
Lock & Dam # 27 closure @ 47.0 **		
	46	
Chouteau Island pump station begins to flood and **		
power to the pump Station is disconnected @ 44.1		
		** 43.23 4/28/1973
	42	
		** 41.89 5/22/1995
		** 41.32 6/27/1844
		** 40.28 7/21/51 ; 40.30 7/2/1947
Water overtops the Chouteau Island levee @ 40.1 **		** MAJOR FLOOD STAGE 40.0' (NWS)
		** 39.27 12/7/1982
		** 39.0 5/4/1983 ; 39.14 4/30/1944
		** 38.67 7/1/2008
	38	** 38.00 6/10/2003
		** 37.79 4/15/1979
		** 37.34 5/17/2002
		** 36.6 4/15/1994
		** 35.35 6/2/1996
		** MODERATE FLOOD STAGE 35.0' (NWS)
		** 34.8 6/10/2001
	34	
		** 32.5 5/25/1974
Unprotected areas begin to flood @ 30.0 **	30	** **FLOOD STAGE 30.0'**
	26	

ELEVATION ZERO: 379.94
NGVD 1929

At the Chouteau Island D&LD the levee was raised with sandbags but was still overtopped and failed on July 8. About 40 residences on the island were damaged as a result of the levee break.

Columbia D&LD the levee was raised with sandbags but was still overtopped and failed on August 1. After the district was filled the flank levee on Fountain Creek was overtopped and failed. About 80 individual residences, 450 farmsteads and 14,000 acres of farmland were damaged. Columbia sewage treatment plant was inundated. At the Harrisonville and Ivy Landing D&LD the flank levee on Fountain Creek opposite the failed portion of the Columbia D&LD was breached on August 2. The failure brought flows additionally into the Fort Chartres and Ivy Landing D&LD, the Moredock and Ivy Landing DD, and the Stringtown D&LD since there are no flank levees between the districts. About 42,400 acres on farmland within these districts were damaged. The communities protected by the districts, Valmeyer, Harrisonville, Maeys, Chalfin Bridge, Fountain, Fults and Kidd, were also damaged.

At the Wood River D&LD additional pumping was necessary to control seepage and local runoff.

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MISSISSIPPI RIVER AT CHESTER, ILLINOIS

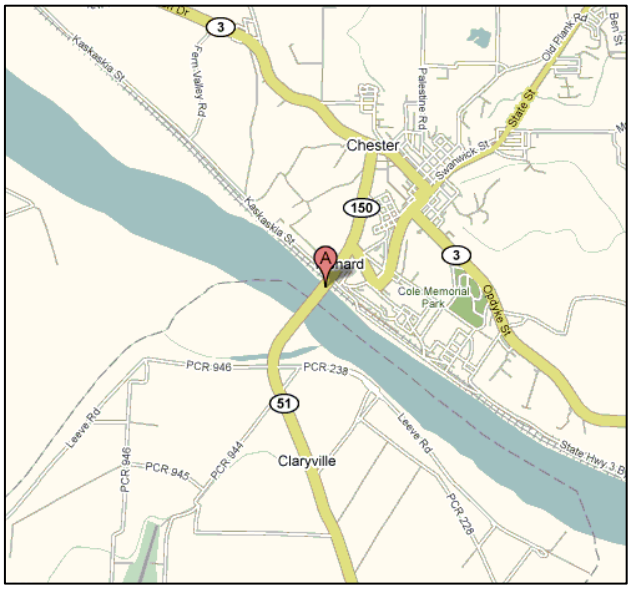
USGS GAGE NUMBER: 07020500

LOCATION: In Randolph County, on downstream side of the left pier of the main truss of State Highway 51 bridge at Chester, 8.1 miles downstream from Kaskaskia River, and at river mile 109.9 above he mouth of the Ohio River.

SW 1/4, Sec. 27, Twp. 7S, Rng. 7W

37°54'13.5"N, 89°50'08"W NAD83

Drainage Area = 708,600 mi^2



1993 FLOOD INFORMATION

At the Harrisonville and Ivy Landing D&LD the flank levee on Fountain Creek opposite the failed portion of the Columbia D&LD was breached on August 2. The failure brought flows additionally into the Fort Chartres and Ivy Landing D&LD, the Moredock and Ivy Landing DD, and the Stringtown D&LD since there are no flank levees between the districts. About 42,400 acres on farmland within these districts were damaged. The communities protected by the districts, Valmeyer, Harrisonville, Maeys, Chalfin Bridge, Fountain, Fults and Kidd, were also damaged. Since these drainage districts were all going to be filled due to the breach at the upstream district a downstream section of the Stringtown D&LD was intentionally breached in an effort to prevent its flank levee on Prairie du Rocher Creek from being overtopped and breached and potentially causing damage to the next downstream district, the Prairie du Rocher and Modoc D&LD.

At the Prairie du Rocher and Modoc D&LD sandbags were used to raise the levee and control the 25 sand boils which developed in the district. About 8" of water was against the sand bags which were used to raise the levee.

Mississippi River
Chester, IL
CHSI2

NARRATIVE	STAGE	HISTORICAL
	52	
Water overtops the Ft. Chartres & Ivy Landing levee **		
and the Kaskaskia Island levee @ 50.0		** 49.74 8/7/1993
The Stringtown & Prairie DuRocher levees overtops @ 49.4 **		
The Degognia & Fountain Bluff levee overtops @ 49.0 **		
	48	
Mill on IL Rte 3 floods @ 47.5 **		
Menard correctional facility floods @ 47.0 **		
Baldwin water treatment plant is flooded @ 44.0' **	44	** 44.03 5/23/1995
		** 43.32 4/30/1973
Damage begins at the Menard Prison water plant @ 42.0 **		
		** 41.02 5/5/1983
Main St in Evansville is inundated @ 40.8 **		
		** 40.58 5/17/2002
	40	
		** 39.79 4/16/1979 ; 39.83 6/30/1844
IL Rte 3 south of Chester and IL Rte 155 **		** 39.46 7/1/2008 ; 39.54 10/10/1986
near Praire du Rocher floods @ 39.0		** 38.9 4/16/1994
IL Rt. 3 at levee east of Cora inundated @ 38.4 **		
Fonda St in Chester & IL Rte 3 in Rockwood floods plus **		** MAJOR FLOOD STAGE 38.0' (NWS)
additional Rockwood homes damaged @ 38.0		** 37.7 4/19-20/1993
Union Pacific property along Water Street floods @ 37.0 **		
Damage begins to 4 homes and Administration building at **		
Menard State Prison. IL Rte 3 at Rockwood closes. Chester	36	
water intake house floods. Prairie DuRocher pump station		** 35.3 6/11/2001
flooded and road to Kaskaskia Lock inundated @ 36.5		** 35.0 4/19/1998
Water St in Chester is inundated @ 33.5 **		
		** 32.43 5/26/1974
	32	
		** MODERATE FLOOD STAGE 30.0' (NWS)
		** 29.35 5/30/2004
Unleveed islands near Chester and **	28	
the prison farm floods @ 28.0		
		** **FLOOD STAGE 27.0'**
Prairie DuRocher shuts drainage ditch gates @ 26.0 **		
Degognia Fountain Bluff levee gates are closed @ 25.0 **		
	24	

ELEVATION ZERO: 341.05
NGVD 1929

Rock was used to close the railroad crossing of the Prairie du Rocher Creek to the level of the levee. About 40 residences and 7 businesses received damage, primarily from seepage and storm sewer backup into basements.

At the Kaskaskia Island D&LD sand bags were used to control the sand boils, but the seepage became too great and the levee failed on July 22 which flooded the entire island, 15,000 acres.

At the Degognia & Fountain Bluff D&LD sandbags were used to raise the levee. About 1' of water was against these sand bags when the river crested. Sandbags were also used to control sand boils.

At Chester 1 residence and 1 business received damage during the flood. The M&I RR was overtopped. Access to 7 homes was cut off when the river overtopped Fonda St. Movement of prisoners began at the Menard Correctional Center when the road to the prison was overtopped.

At Rockwood 14 residences, 4 businesses, and 1 farmstead received damage. Ill. Rte. 3 was overtopped on July 7. A county road was raised with rock but was eventually overtopped on July 30.

At Evansville on the Kaskaskia River, high stages on the Mississippi River caused damage to several residences. Sandbags were place around the water treatment plant.

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MISSISSIPPI RIVER AT CAPE GIRARDEAU, MISSOURI

USGS GAGE NUMBER: NONE*

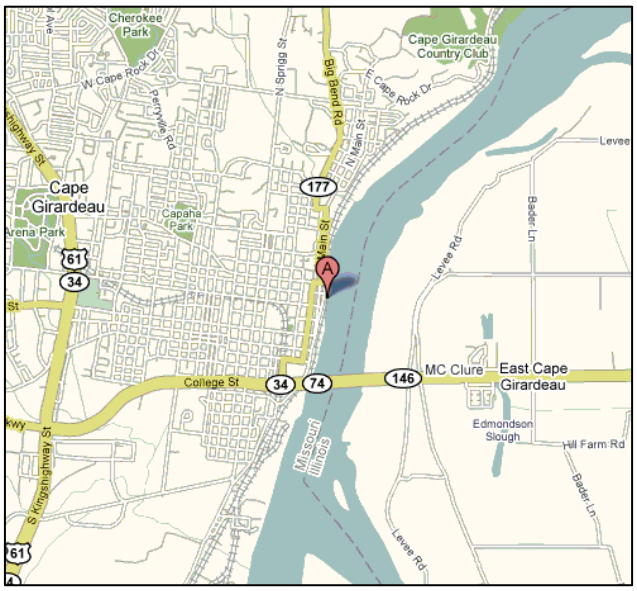
LOCATION: In Girardeau County, Missouri, 0.4 mile upstream from Illinois Route 146 bridge, at river mile 52.1 above the mouth of the Ohio River.

NW 1/4, Sec. 13, Twp. 14S, Rng. 4W

37°18'15"N, 89°31'03"W

Drainage Area = 712,000 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.



1993 FLOOD INFORMATION

At the Clear Creek D&LD sandbags were used to raise the levee and to control sand boils. The pump station was flooded on July 15. Seepage and interior flooding were major problems within the district. About 30 residences and 3 businesses were damaged.

At the Preston D&LD sandbags were used to raise the levee and to control sand boils. About 6" of water was against the sandbags when the river crested. Rock, up to 3' high, was also placed on the levees and at the Ill. Rte. 3 bridge over the Big Muddy River. Seepage and interior flooding were major problems within the district. About 60 residences and 1 business were damaged.

At the East Cape Girardeau D&LD and the North Alexander County DD seepage and interior flooding were major problems. A majority of the drainage from the Clear Creek, Miller Pond, and Preston D&LDs flows toward these two districts which have flap gated gravity outlets to Sexton Creek or the Mississippi River.

STAGE

Mississippi River
Cape Girardeau, MO

NARRATIVE	STAGE	HISTORICAL
	56	
Water overtops Clear Creek & N Alexander levees @ 52.0 **	52	
Water overtops the Preston levee @ 49.9 **		
Water overtops the East Cape Girardeau levee @ 49.6 **		
Water overtops the Grand Tower levee @ 48.8 **		
		** 48.49 8/8/1993
	48	
		** 47.0 5/24/1995
		** 46.9 8/3/1993
		** 45.7 5/18/2002
		** 45.5 5/1/1973
		** 45.05 5/6/1983
	44	** 44.1 4/17/1979
		** 43.6 12/10/1982
		** 42.35 7/3/2008
		** 42.2 4/14/1983
		** MAJOR FLOOD STAGE 42.0' (NWS)
		** 40.6 4/20/1993
	40	
		** 39.58 3/3/1997
		** 37.5 5/9/1984
		** MODERATE FLOOD STAGE 37.0' (NWS)
		** 36.9 5/26/1974
	36	
Park & Ferry at Grand Tower flood @ 35.7 **		
		** 34.03 5/31/2004
Bodieville Rd near Gale becomes inundated @ 32.5 **		
	32	** **FLOOD STAGE 32.0'**
	28	

ELEVATION ZERO: 304.65
NGVD 1929

The ponding of water in these two districts necessitated the raising of Ill. Rtes. 3 & 146 with rock to allow access to Cape Girardeau, Mo. Temporary pumps were installed to help reduce the ponding of the water.

At the Grand Tower D&LD sandbags were used to raise the levee. Water was against the sandbags about 10" when the river crested. All of the residences in Grand Tower and 1 business were damaged due to seepage and interior flooding.

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MISSISSIPPI RIVER AT THEBES, ILLINOIS

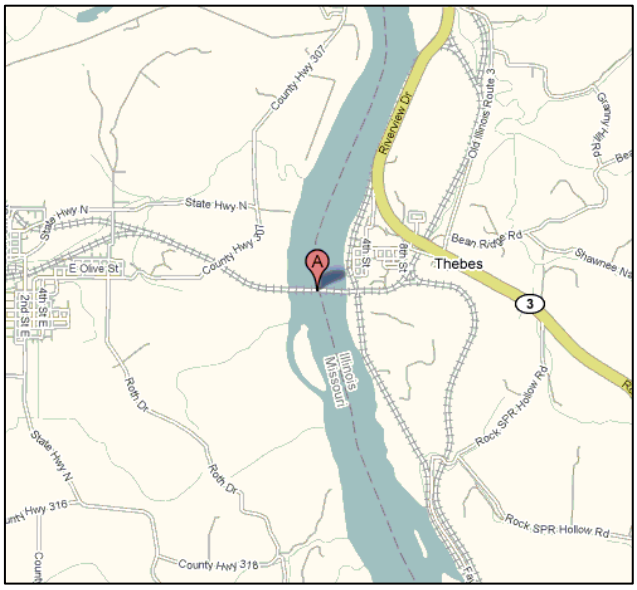
USGS GAGE NUMBER: 07022000

LOCATION: In Alexander County, near the center span on the downstream side of the railroad bridge at Thebes, 5 miles downstream from the Headwater Diversion Channel, and at river mile 43.7 above the mouth of the Ohio River.

NW 1/4, Sec. 17, Twp. 15S, Rng. 3W

37°12'59"N, 89°28'03"W NAD83

Drainage Area = 713,200 mi^2



1993 FLOOD INFORMATION

At the Len Small levee system, the levee failed by piping on July 15. This system begins near river mile 39 and is open at the downstream end near river mile 22. About a 4" diameter flow began through the levee but as the failure continued approximately 2500' of levee was eroded away. The levee still had about 5' of freeboard at the time of the failure. Damages occurred to 250 residences and 20,000 acres of farmland. Within 38 hours of the failure water had reached Olive Branch. Depths of water in the range of 4.5'occurred in Olive Branch. Miller City and Willard were isolated. Flows from the breach moved both northeasterly and southeasterly. The northeastern flows moved through Horseshoe Lake and through Lake Creek either to the Cache River or overland to the Mississippi River. The southeastern flows moved overland to the Mississippi River. The overland flows combined with the Mississippi River again in the area from river mile 13 to 17.

STAGE

Mississippi River
Thebes, IL
THBI2

NARRATIVE	STAGE	HISTORICAL
Water overtops the Len Small Levee along the Santa Fe Chute @ 46.5' **	46	** 45.91 5/23/1995
		** 45.51 8/7/1993
		** 45.15 7/4/1844
		** 44.31 5/18/2002
	44	** 44.1 5/6/1983
		** 43.43 4/30/1973
Thebes village maintenance shop floods @ 43.0 **		** 43.11 4/17/1979
	42	** MAJOR FLOOD STAGE 42.0' (NWS)
		** 41.78 12/10/1982
Mississippi R. closed to traffic @ ~41.5 **		** 41.52 10/14/1987
		** 40.95 7/3/2008
		** 40.55 5/17/1996 ; 40.46 3/1/1985
		** 40.37 3/24/2008
	40	
		** 39.7 4/20/1993
		** 38.96 3/3/1997
		** 38.58 4/27/1984
	38	
		** MODERATE FLOOD STAGE 37.0' (NWS)
		** 36.36 5/26/1974
Thebes Landing campground floods, campers have to move out @ 36.0 **	36	
	34	
		** 33.27 5/31/2004
Park at Thebes along river inundated & flooding begins for residences in Gale @ 33.0 **		** **FLOOD STAGE 33.0'**
	32	

ELEVATION ZERO: 300.00
NGVD 1929

At Thebes about 15 residences were damaged by the flooding. Sandbags were placed down 4th St. to minimize further damages. The sewage lagoon was also flooded out.

Sandusky and Unity did receive some water from the failure of the Len Small system but no damage. Some sandbagging occurred in Sandusky to protect residences. No damages occurred in Tamms or Cache.

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NIPPERSINK CREEK NEAR SPRING GROVE, ILLINOIS

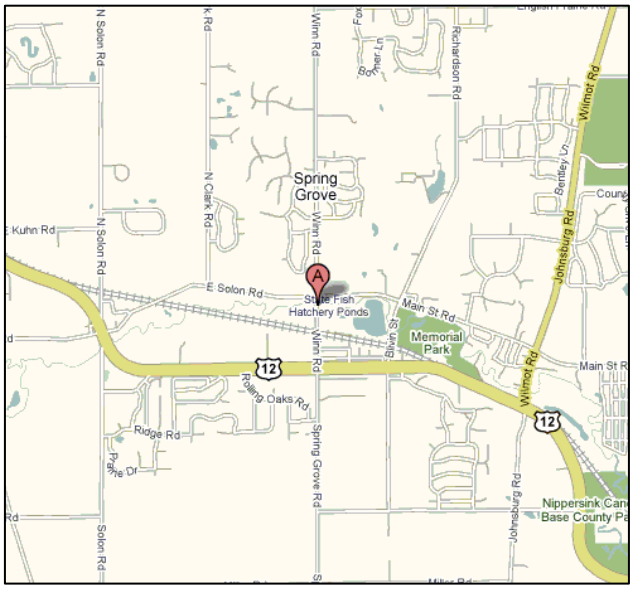
USGS GAGE NUMBER: 05548280

LOCATION: In McHenry County, on the right bank at the upstream side of the bridge on Winn Road, 0.6 mile west of Spring Grove, and at river mile 7.4.

NW 1/4, Sec. 25, Twp. 46N, Rng. 8E

42°26'36"N, 88°14'51"W NAD83

Drainage Area = 192 mi^2



STAGE

Nippersink Creek
Spring Grove, IL

NARRATIVE	STAGE	HISTORICAL
	18	
		** 17.7 7/1938
	16	
		** 14.26 9/26/1986
	14	
		** 13.73 6/15/1999
		** 13.71 4/1960 ; 6/14/2000
		** 13.66 2/21/1994
Sandbagging efforts required at hatchery @ 13.0 **		** 13.03 2/20/1971
		** 12.73 7/1/1993 ; 12.62 6/12/1967
	12	
		** 11.8 3/24/1993
		** 11.44 2/22/1997
		** 11.37 8/22/2007
		** 10.86 6/10/2008
	10	
		** 9.84 5/24/2004
		** 9.59 2/26/2001
		** **FLOOD STAGE 8.3'**
	8	
	6	
	4	

ELEVATION ZERO: 746.00
NGVD 1929

NORTH FORK VERMILION RIVER NEAR BISMARCK, ILLINOIS

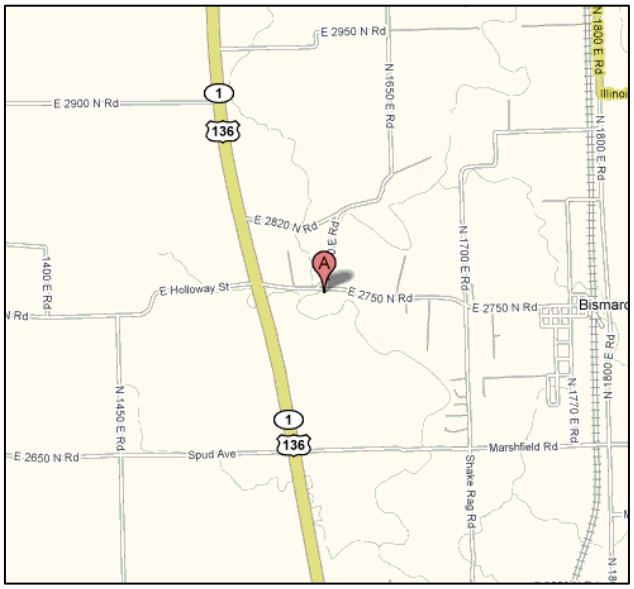
USGS GAGE NUMBER: 03338780

LOCATION: In Vermilion County, on the left downstream bank at the bridge on county road 2750 N, 1.8 miles west of Bismarck, 1.9 miles downstream from Painter Creek, 6.6 mile downstream from Middle Branch of North Fork Vermilion River, and at river mile 17.7.

NE 1/4, Sec. 24, Twp. 21N, Rng. 12W

40°15'55"N, 87°38'34"W NAD27

Drainage Area = 262 mi^2



STAGE

North Fork Vermilion River
Bismarck, IL
BISI2

NARRATIVE	STAGE	HISTORICAL
	24	
		** 22.45 4/12/1994
	22	
		** 21.97 3/11/1990
		** 20.19 2/6/2008
	20	
		** 18.62 8/20/2002
		** 18.54 12/30/1990
	18	** 18.06 5/16/1990
		** 17.93 1/5/1993
		** 17.58 6/12/2004
		** 16.8 6/16/1998
	16	** 16.0 1/14/2005
		** 14.23 5/11/1996
10 families affected by flood waters @ 14.0 **	14	
		** 13.20 5/27/1989
		** 13.15 5/25/1995
	12	
	10	

ELEVATION ZERO: 594.00
NGVD 1929

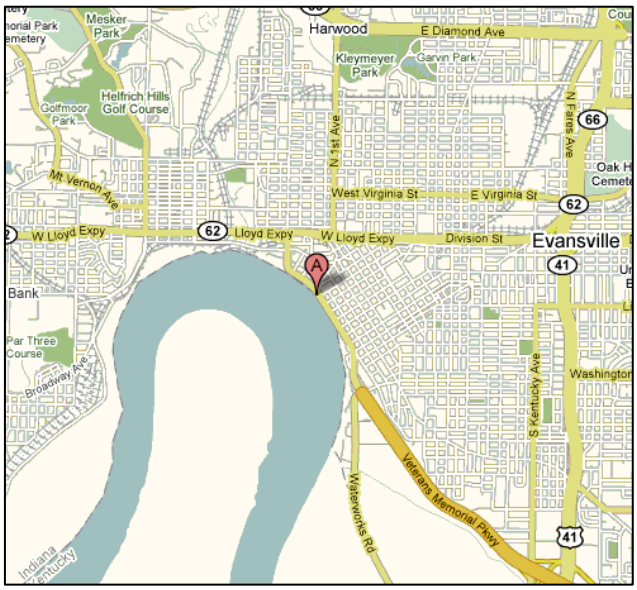
OHIO RIVER AT EVANSVILLE, INDIANA

USGS GAGE NUMBER: 03322000

LOCATION: In Vanderburgh County, Indiana on the right bank at Riverside Drive and Court Street in Evansville, 0.6 mile upstream from Pigeon Creek, and at mile 792.2.

37°58'20"N, 87°34'35"W NAD27

Drainage Area = 107,000 mi^2



STAGE

Ohio River
Evansville, Indiana
EVVI3

NARRATIVE	STAGE	HISTORICAL
Water overtops the Knight Township & Howell levees @ 57.0 **	56	
	54	
		** 53.75 1/31/1937
	52	** MAJOR FLOOD STAGE 52.0' (NWS)
	50	
	48	** MODERATE FLOOD STAGE 48.0' (NWS)
		** 47.8 3/10/1997
	46	
	44	
		** 43.65 3/23/2008
		** 43.1 1/28/1996
		** 43.0 5/24/1995
		** 42.54 2/18/1990
		** 42.11 1/10/2004
	42	** **FLOOD STAGE 42.0'**

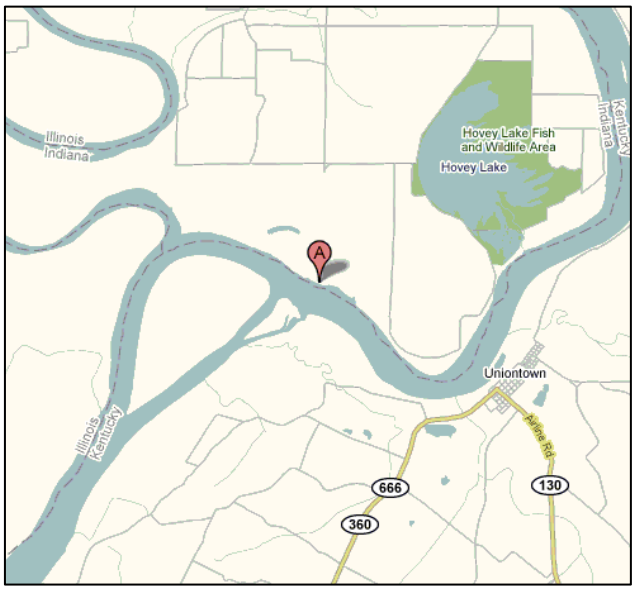
ELEVATION ZERO: 329.18
Ohio River Datum

OHIO RIVER AT J.T. MYERS DAM POOL NEAR UNIONTOWN, KENTUCKY

USGS GAGE NUMBER: 03322420

LOCATION: In Union County, Kentucky, 1200 feet upstream of the dam, 2.1 miles upstream of the Wabash River, 3.3 miles northwest of Uniontown, Kentucky, and at mile 845.8.

Drainage Area = 108,000 mi^2



STAGE

Ohio River
J.T. Meyer Dam Pool

NARRATIVE	STAGE	HISTORICAL
	48	
		** 46.5 1937
		** 45.40 2/24/1989
	44	
	40	
	36	
	32	
		** 31.6 3/27/2008
		** 28.8 5/26/1995
	28	
		** 27.1 4/22/1994
		** 27.03 2/6/1990
	24	
	20	

ELEVATION ZERO: 330.05
Ohio River Datum

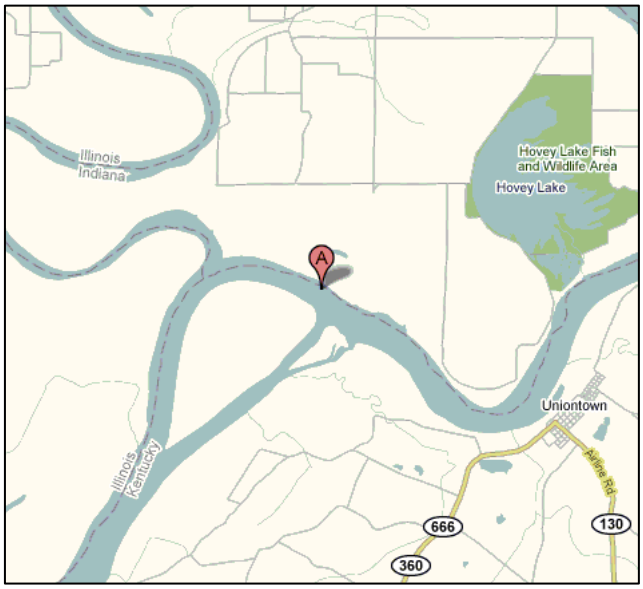
OHIO RIVER AT J.T. MYERS DAM, TAILWATER NEAR UNIONTOWN, KENTUCKY

USGS GAGE NUMBER: 03322420

LOCATION: In Union County, Kentucky, downstream of the dam, 2.1 miles upstream of the Wabash River, 3.3 miles northwest of Uniontown, Kentucky, and at river mile 846.

37°47'49"N, 87°59'53"W

Drainage Area = 108,000 mi^2



STAGE

Ohio River
J.T. Meyer Dam TW

NARRATIVE	STAGE	HISTORICAL
	65	** 64.58 1937 (est)
	60	** MAJOR FLOOD STAGE 60.0' (NWS)
		** 57.8 4/5/1913
	55	
		** 53.89 3/12/1997
Flood Flows diverted thru Wabash River to Saline River watershed causing problems in Junction & Equality @ 52.4 **		
3-4 ft of water in several homes in ** Saline Mines & Saline Landing @ 52.0		
		** 51.21 1/17/2005
	50	** MODERATE FLOOD STAGE 50.0' (NWS)
Critical Stage , Granny Tweedle levee @ 49.0 **		** 48.95 3/26/2008
		** 46.4 5/26/1993
	45	** 45.12 2/24/1989
		** 44.77 2/20/1990
	40	
		** **FLOOD STAGE 37.0'**
	35	
	30	

ELEVATION ZERO: 311.97
Ohio River Datum

OHIO RIVER AT SHAWNEETOWN, ILLINOIS

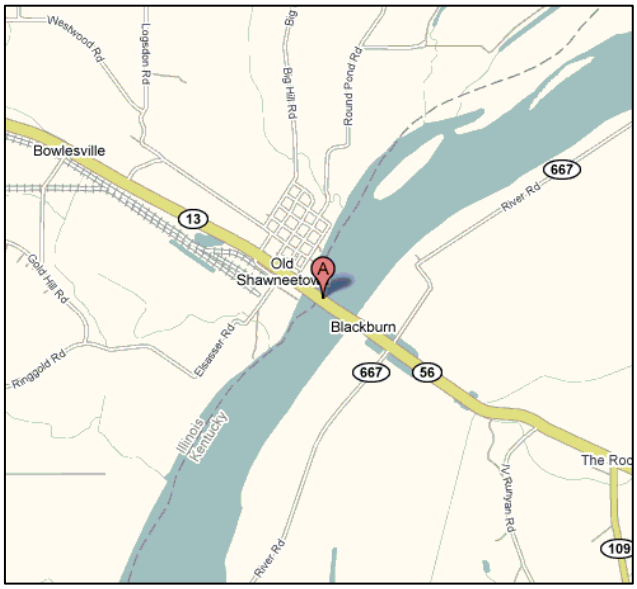
USGS GAGE NUMBER: 00381700

LOCATION: Union County, Kentucky, on the main bridge pier on the downstream side of State Highway 13, 9.5 miles upstream from Saline River, and at river mile 858.2.

NW 1/4, Sec. 32, Twp. 9S, Rng. 10E

37°41'31"N, 88°08'00"W NAD83

Drainage Area = 141,000 mi^2



NARRATIVE	STAGE	Ohio River Shawneetown, IL SHNI2 HISTORICAL
	65	** 65.64 1/30/1937
Water overtops the Shawneetown levee @ 60.3 **		
	60	
Critical stage at Shawneetown @ 57.0 **		
		** 55.6 3/14/1945
	55	** 55.3 1/19/1950
		** 54.6 3/20/1964
		** 54.4 3/12/1997
Critcal stage Elizabethtown @ 53.0 **		** MAJOR FLOOD STAGE 53.0' (NWS)
		** 52.4 5/16/1961
Several rural roads and houses are isolated @ 52.0 **		** 52.3 1/9/1991 ; 52.0 1/17/2005
		** 51.1 3/8/1979
		** 50.8 3/24/1963
Water begins to seep through levee @ 50.0 **	50	
		** 49.3 5/11/1983
	45	
Cave-In-Rock Ferry closes @ 44.0 **		
		** MODERATE FLOOD STAGE 43.0' (NWS)
		** 42.45 5/15/1984
	40	
	35	
Minor bottomland flooding @ 33.0 **		** **FLOOD STAGE 33.0'**
Close lowest gate @ 31.0 **		
	30	

ELEVATION ZERO: 309.07
Ohio River Datum

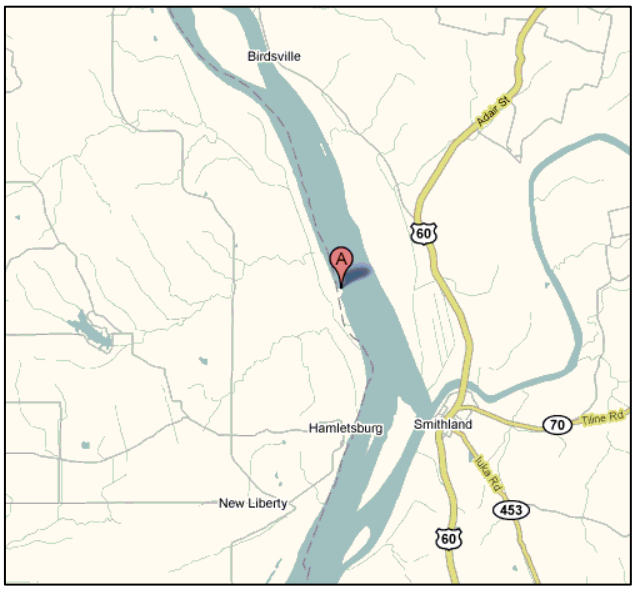
OHIO RIVER AT SMITHLAND DAM POOL NEAR SMITHLAND, KENTUCKY

USGS GAGE NUMBER: 03399800

LOCATION: In Livingston County, Kentucky, 1800 feet upstream of the dam, 2.4 miles northwest of Smithland, Kentucky, and at mile 918.8.

SW 1/4, Sec. 34, Twp. 15S, Rng. 7E

Drainage Area = 144,000 mi^2



STAGE

Ohio River
Smithland Dam Pool

NARRATIVE	STAGE	HISTORICAL
	31	
		** 30.2 3/13-14/1997
	29	
	27	
	25	
		** 24.10 4/23-24/1994
		** 23.3 5/26-27/1995
	23	
		** 21.3 2/1/1996
	21	
		** 19.5 4/3/1993
	19	
	17	

ELEVATION ZERO: 311.94
Ohio River Datum

OHIO RIVER AT SMITHLAND DAM TAILWATER NEAR SMITHLAND, KENTUCKY

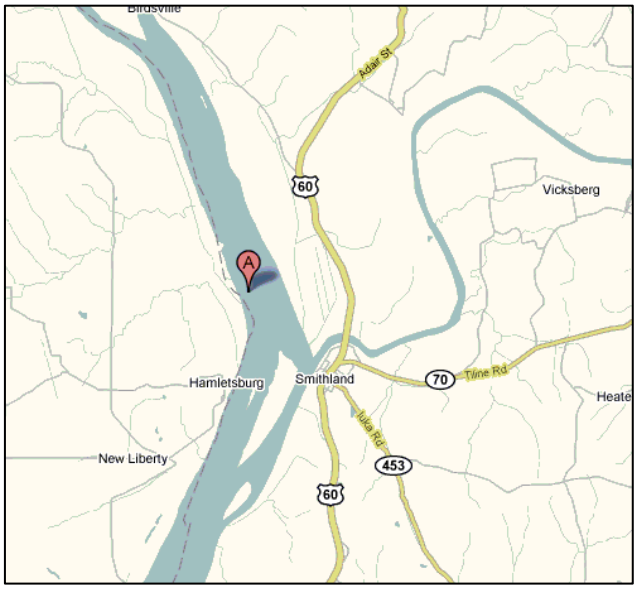
USGS GAGE NUMBER: 03399800

LOCATION: In Pope County, IL, Hydrologic Unit 05140203, at Smithland Dam, 1.1 miles upstream from Cumberland Island, 1.8 miles northwest of Smithland, and at mile 919.0.

SW 1/4, Sec. 34, Twp. 15S, Rng. 7E

37°09'30"N, 88°25'34"W NAD27

Drainage Area = 144,000 mi^2



STAGE

Ohio River
Smithland Dam TW

NARRATIVE	STAGE	HISTORICAL
	70	
	65	
		** 63.0 1937 (est)
	60	
	55	
		** 51.44 3/2/1997
	50	** MAJOR FLOOD STAGE 50.0' (NWS)
		** 49.8 4/8/1991
		** MODERATE FLOOD STAGE 48.0' (NWS)
		** 47.29 1/16/2005
	45	** 45.29 4/23/1994
		** 44.08 5/28/1995 ; 5/17/1996
		** 43.7 2/1/1999
		** 43.0 5/24/2002
		** 40.5 4/3/1993
	40	** **FLOOD STAGE 40.0**
	35	

ELEVATION ZERO: 290.00
Ohio River Datum

OHIO RIVER AT PADUCAH, KENTUCKY

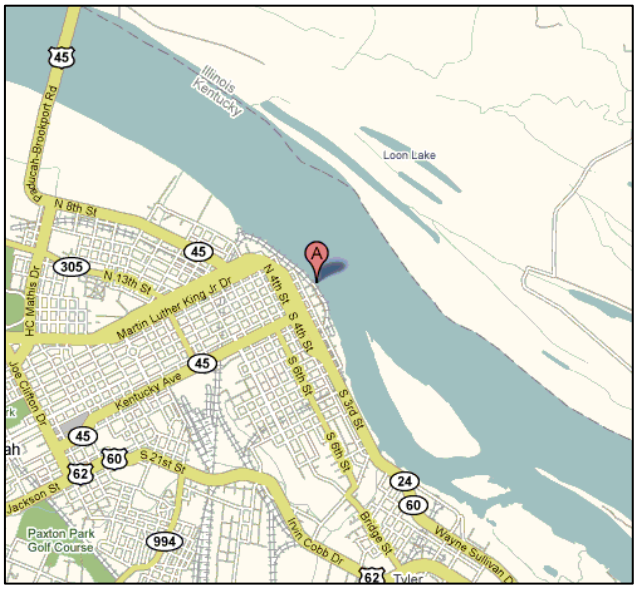
USGS GAGE NUMBER: 03611000

LOCATION: In McCracken County, Kentucky, 2.5 miles upstream from Irvin Cobb Highway Bridge, 4.1 miles above Lock & Dam 52, 6.3 miles upstream from Interstate 24 Bridge, and at mile 935.

SE 1/4, Sec. 30, Twp. 16S, Rng. 6E

37°05'22"N, 88°35'40"W NAD27

Drainage Area = 202,800 mi^2



Ohio River
Paducah, Kentucky
PADK7

NARRATIVE	STAGE	HISTORICAL
	70	
Several towns in Illinois are flooded @ 60.0 **	60	** 60.6 2/2/1937
		** 54.3 2/23/1884 ; 4/7/1913
		** 53.3 2/13/1950
		** MAJOR FLOOD STAGE 52.0' (NWS)
		** 51.7 3/11/1997 ; 51.4 4/3/1975
Flooding begins at Hamletsburg, IL @ 50.0 **	50	
		** 48.1 5/14/1984
		** 47.2 5/26/1983
		** 45.7 4/26/1994 ; 45.55 3/28/2008
		** 44.9 5/28/1995
		** MODERATE FLOOD STAGE 43.0' (NWS)
	40	
Bottom land flooded @ 39.0 **		** **FLOOD STAGE 39.0'**
Cabins at Douglas Landing flooded @ 35.0 **		
	30	
Start 1st pumping plant at Brookport @ 29.5 **		
	20	
Close lowest gate at Brookport @ 18.0 **		
	10	
	0	

ELEVATION ZERO: 286.26
Ohio River Datum

OHIO RIVER AT LOCK AND DAM #52 TAILWATER AT BROOKPORT, ILLINOIS

USGS GAGE NUMBER: NONE*

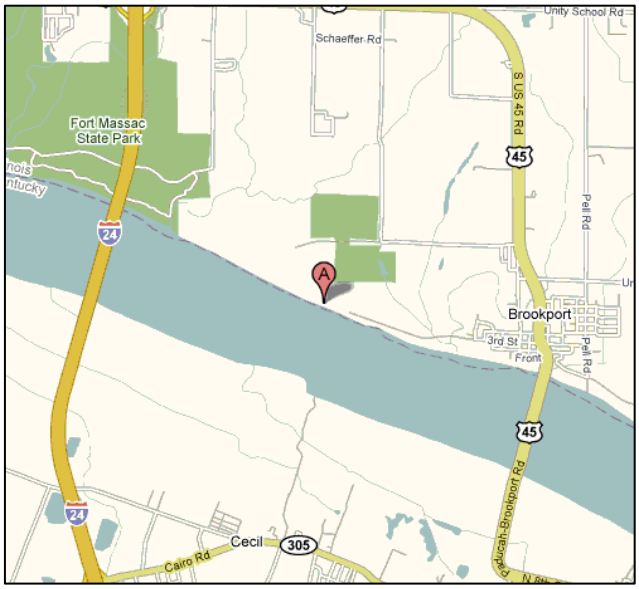
LOCATION: In Massac County, 2.0 miles upstream from Interstate 24 Highway Bridge, 1.5 miles downstream from Irvin Cobb Highway Bridge at river mile 939.

SE 1/4, Sec. 14, Twp. 16S, Rng. 5E

37°07'59"N, 88°39'00"W NAD83

Drainage Area = 202,800 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Louisville District.



STAGE

Ohio River
Brookport TW

NARRATIVE	STAGE	HISTORICAL
Water overtops the Brookport levee @ 66.4 **	65	
		** 62.3 2/2/1937
	60	
The lower part of the main business section ** in Metropolis is flooded @ 57.0		** MAJOR FLOOD STAGE 57.0' (NWS)
	55	** 55.1 1/13/1950
		** 53.6 3/12/1997
		** 53.3 4/2/1975
		** 52.3 3/10/1945
		** MODERATE FLOOD STAGE 52.0' (NWS)
Evacuations are required on 1st and ** 2nd streets in Metropolis @ 51.6		** 51.6 1/7/1991 ; 3/19/1963
		** 51.2 3/7/1979
Flooding begins in Joppa @ 50.0 **	50	** 50.0 5/14/1984
		** 49.6 5/28/1995
		** 49.2 5/26/1983
Flooding starts in Metropolis @ 48.0 **		
		** 47.7 5/23/1994 ; 3/27/2008
	45	
	40	
Minor flooding occurs to agricultural bottomland and ** low lying areas @ 37.0		** **FLOOD STAGE 37.0'**
	35	
Flooding begins at Fort Massac State Park @ 32.0 **		
	30	

ELEVATION ZERO: 283.30
NGVD 1929

OHIO RIVER AT CAIRO, ILLINOIS

USGS GAGE NUMBER: NONE*

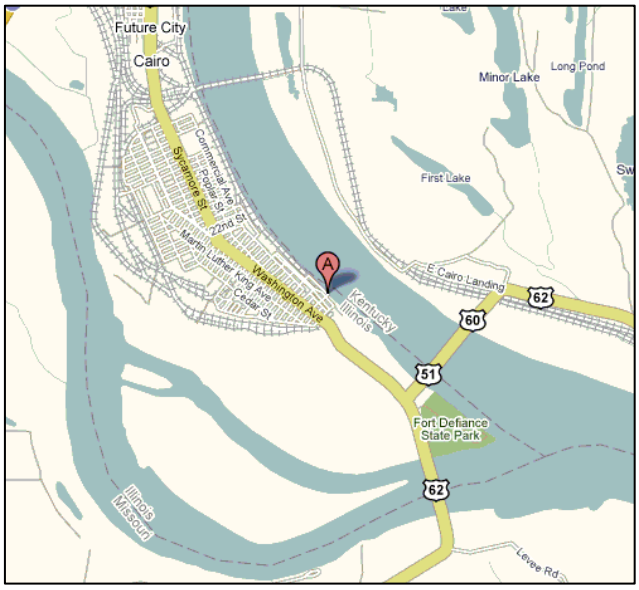
LOCATION: In Alexander County, near Fourth Street in Cairo, and at river mile 979.5.

SE 1/4, Sec. 25, Twp. 17S, Rng. 1W

37°00'00"N,89°09'43"W NAD83

Drainage Area = 203,940 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Memphis District.



Ohio River
Cairo, IL
CIRI2

NARRATIVE	STAGE	HISTORICAL
Top of protection for Mounds - Mounds City @ 65.0 **	65	
Top of protection for Cairo @ 64.0 **		
Birds Point-New Madrid floodway preparations **	60	
complete, awaiting final authorization to breach @ 60.0		** 59.51 2/3/1937
		** 56.5 4/3/1975
		** 56.4 4/20/1927
		** 56.21 3/11/1997
At a stage of 56.0 and forecasted to reach 60.0, forces **		** 55.9 2/15/1950
mobilizied to use Birds Point-New Madrid floodway in MO		** 55.67 4/1/1973 ; 5/28/1995
	55	** 54.95 5/19/2002
Kentucky closes Cairo Bridge(US 51&60) @ 54.7' **		** 54.7 4/4/1913 ; 54.6 4/18/1979
		** 54.2 4/17/1994 ; 54.0 5/16/1984
		** 53.89 3/25/208
		** MAJOR FLOOD STAGE 53.0' (NWS)
Flooding begins to residences in Cache @ 51.0 **		
The first gate is closed at Cairo @ 50.0 **	50	
		** 48.77 4/10/1993
		** MODERATE FLOOD STAGE 47.0' (NWS)
		** 46.52 2/25/1989
		** 45.47 6/07/2004
	45	
Water backs up Cache River and begins flooding **	40	** **FLOOD STAGE 40.0'**
low lying areas near Horseshoe Lake @ 40.0		
	35	
Pumping begins in Cairo to handle water **		
seeping through levee @ 32.0		
	30	

ELEVATION ZERO: 270.47
Ohio River Datum

PECATONICA RIVER AT MARTINTOWN, WISCONSIN

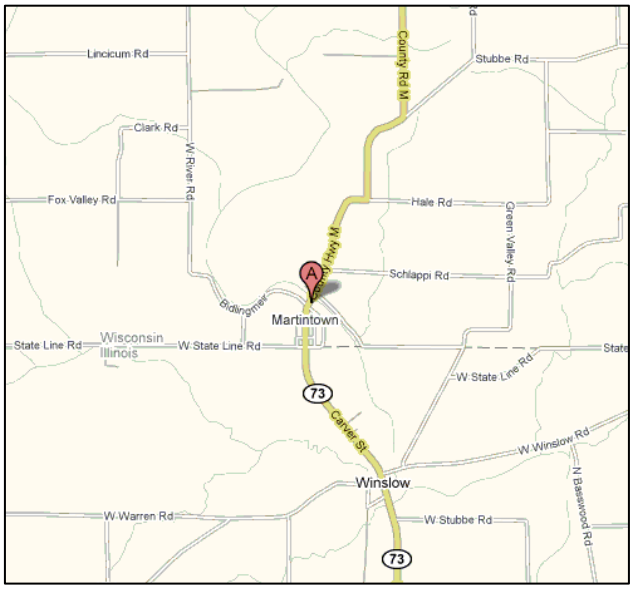
USGS GAGE NUMBER: 05434500

LOCATION: In Green County, Wisconsin, on the right bank 8 ft. downstream from the highway bridge in Martintown, 0.4 miles upstream from Wisconsin-Illinois State line, and 8.7 miles downstream from Skinner Creek.

SE 1/4, Sec. 32, Twp. 1N, Rng. 6E

42°30'36"N, 89°48'05"W NAD27

Drainage Area = 1,034 mi^2



STAGE

Pecatonia River
Martintown, WI

NARRATIVE	STAGE	HISTORICAL
	23	
		** 21.46 7/1/1969
	21	** MAJOR FLOOD STAGE 21.0' (NWS)
		** 20.98 7/1/1990 ; 20.80 3/27/1916
Evacuations in Winslow @ 20.6 **		** 20.57 3/24/1975
		** 20.36 7/8/1993
Winslow water supply building threatened @ 20.2 **		** 20.24 2/29/1948 ; 20.23 4/3/1959
5700 acres inundated @ 20.0 **		
		** 19.94 3/4/1965
		** 19.55 4/1/1960
	19	** 19.09 2/23/1997
		** 18.79 2/25/1985
		** MODERATE FLOOD STAGE 18.0' (NWS)
Main Street in Winslow begins to flood @ 17.4 **		
	17	
		** 16.13 7/20/1996
		** 15.86 3/23/1979
	15	
		** **FLOOD STAGE 13.5'**
	13	
Minor lowland flooding @ 11.0 **	11	
	9	

ELEVATION ZERO: 757.83
NGVD 1929

PECATONICA RIVER AT FREEPORT, ILLINOIS

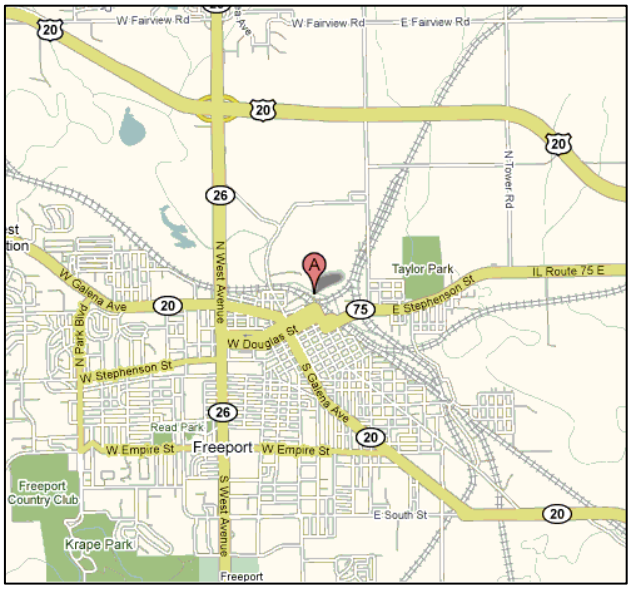
USGS GAGE NUMBER: 05435500

LOCATION: In Stephenson County, on the right bank on property of Commonwealth Edison Company in Freeport, 0.3 mile upstream from Stephenson Street Bridge, 5 miles upstream from Yellow Creek, and at river mile 61.9.

SE 1/4, Sec. 30, Twp. 27N, Rng. 8E

42°18′10″N, 89°37′10″W NAD27

Drainage Area = 1,326 mi^2



Pecatonia River
Freeport, IL
FEEI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
	- -----22----- -	
	- -	
	- -	
Water reaches the IL Rte 26 bridge deck in Freeport @ 21.5 **	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Water reaches the Stephenson St bridge deck in Freeport @ 20.0 **	- -----20----- -	- - -

PECATONICA RIVER AT SHIRLAND, ILLINOIS

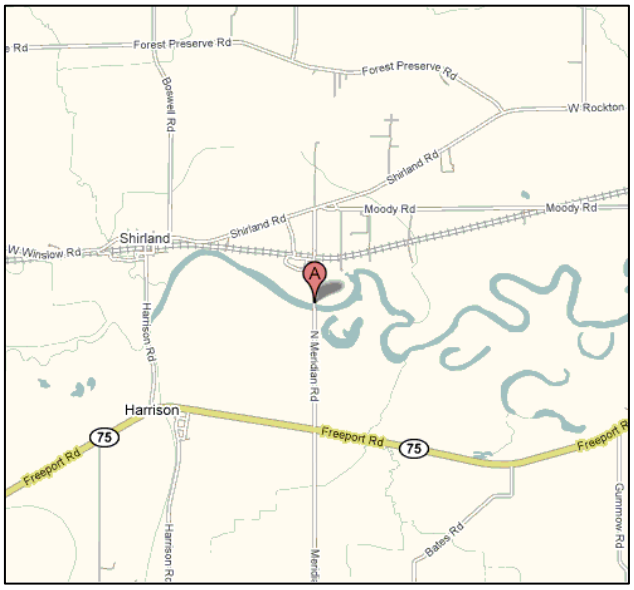
USGS GAGE NUMBER: 05437050

LOCATION: In Winnebago County, on the left bank on the upstream side of bridge, next to the Rivers Edge Campsite, 1.5 mi downstream from Sugar Creek, 7 mi upstream from confluence with Rock River, and at river mile 7.1.

SW 1/4, Sec. 12, Twp. 28N, Rng. 11E

42°26'17"N, 89°10'30"W NAD83

Drainage Area = 2,556 mi^2



Pecatonia River
Shirland, IL
SIRI2

NARRATIVE	STAGE	HISTORICAL
	19	** 19.0 3/16/1929
Flood Damage begins in Shirland @ 18.0 **	18	** 18.08 3/25/1975
		** 17.45 4/4/1959
		** 17.08 4/3/1960
	17	** MAJOR FLOOD STAGE 17.0' (NWS)
		** 16.90 2/22/1971
		** 16.76 1/8/1946 ; 16.73 2/21/1948
	16	
		** 15.93 7/16/1969
The Shirland-Harrison road floods @ 15.7 **		** 15.7 5/11/1973
		** 15.38 3/18/1943
		** 15.05 6/17/2008 ; 15.0 3/25/1979
	15	** MODERATE FLOOD STAGE 15.0' (NWS)
		** 14.9 2/28/1985
		** 14.41 6/16/2000
	14	
		** 13.86 2/18/2005
		** 13.73 8/25/2007
	13	
		** 12.79 6/04/2004
Water overflows low lying areas next to the river @ 12.0 **	12	** **FLOOD STAGE 12.0'**

ELEVATION ZERO: 711.79
NGVD 1929

ROCK RIVER AT ROCKTON, ILLINOIS

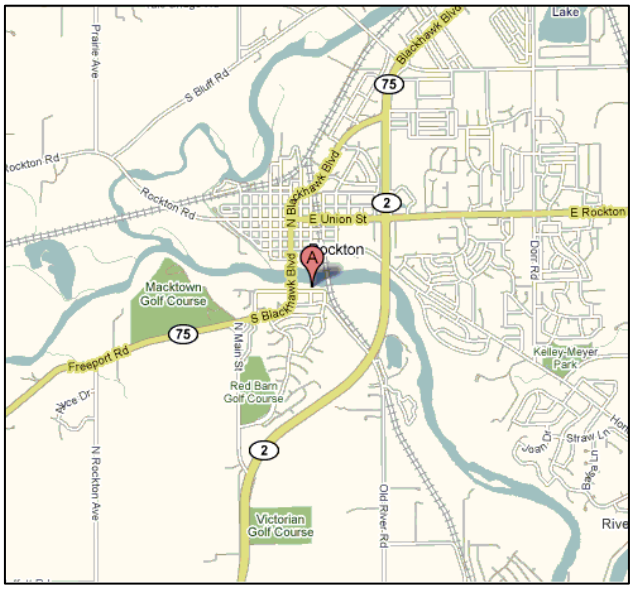
USGS GAGE NUMBER: 05437500

LOCATION: In Rockton, Winnebago County, on the right bank, 750 feet downstream from State Highway 75, 1.0 mile downstream from Pecatonica River, and at river mile 156.1.

NE 1/4, Sec. 24, Twp. 46N, Rng. 1E

42°26'55"N, 89°04'11"W NAD27

Drainage Area = 6,363 mi^2



Rock River
Rockton, IL
ROKI2

NARRATIVE	STAGE	HISTORICAL
	16	
		** 15.54 3/25/1975
	15	
		** 14.72 6/17/2008
		** 14.6 2/37 (ice jam)
		** 14.08 4/4/1959 ; 3/22/1904
Praire Hill Road closed, 75% of Settlers Park ** in Rockton is flooded @ 14.0	14	** MAJOR FLOOD STAGE 14.0' (NWS)
		** 13.82 3/20/1948
Old River Road inundated west of Roscoe Bridge @ 13.5 **		** 13.49 4/2/1960
		** 13.4 4/22/1973
	13	
		** 12.88 3/16/1943 ; 12.84 4/21/1993
		** 12.75 4/2/1979
		** 12.63 6/14/2000
Water begins to flow over low lying roads along the ** river and flood Settlers Park in Roscoe @ 12.0	12	** 12.05 2/4/1988
		** 11.79 2/2419/97
Flooding begins to residences in the Riverdale area @ 11.5 **		** 11.49 7/20/1996
		** 11.09 6/03/2004
	11	** MODERATE FLOOD STAGE 11.0' (NWS)
Water begins to flow over prtions of Edgemere Terrace ** in the Riverdale area near Roscoe @ 10.5		
		** 10.37 2/21/1994
	10	** **FLOOD STAGE 10.0'**
	9	

ELEVATION ZERO: 707.94
NGVD 1929

ROCK RIVER AT LATHAM PARK, ILLINOIS

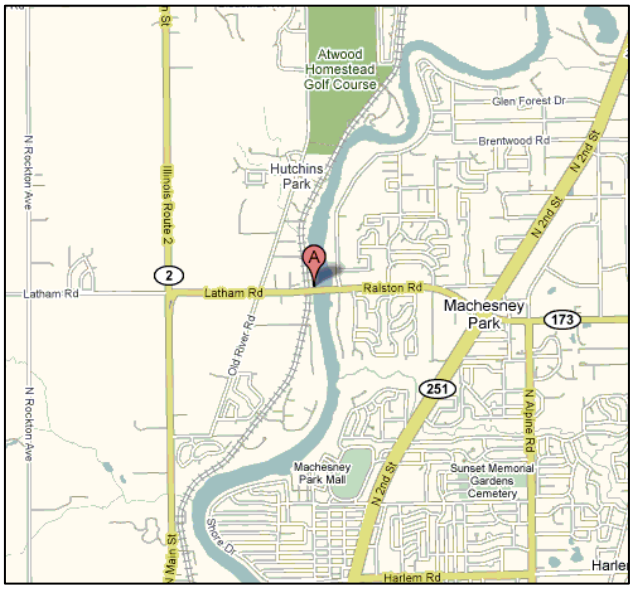
USGS GAGE NUMBER: 05437610

LOCATION: In Winnebago County, at the bridge on Latham Park Road, 1.1 miles upstream from Willow Creek, 3.1 miles downstream from McDonald Creek, 9 miles upstream of Rockford dam, and at river mile 146.1.

SW 1/4, Sec. 18, T. 45N, R. 2E

42°22'08"N, 89°03'31"W NAD83

Drainage Area = 6,476 mi^2



2008 Flood Information

Machesney Park was hit by two flood events in 2008. Ice jam flooding occurred in January and then heavy rainfall in early June caused high river levels.

Over 600 homes in Machesney Park and Winnebago County were affected by the June flooding event. Of the 600 affected, 228 homes were damaged by the flood waters with 31 of the homes being substantially damaged Approximately 140 families had to evacuate during the flood.

Rock River
Latham Park, IL

NARRATIVE	STAGE	HISTORICAL
	16	
	15	
		** 14.23 6/18/2008
	14	** MAJOR FLOOD STAGE 14.0' (NWS)
	13	
	12	
	11	** MODERATE FLOOD STAGE 11.0' (NWS)
Backyard flooding begins in Machesney Park @ 10.0 **	10	** **FLOOD STAGE 10.0'**
	9	

ELEVATION ZERO: 700.00
NGVD 1929

ROCK RIVER AT ROCKFORD, ILLINOIS AT AUBURN ST

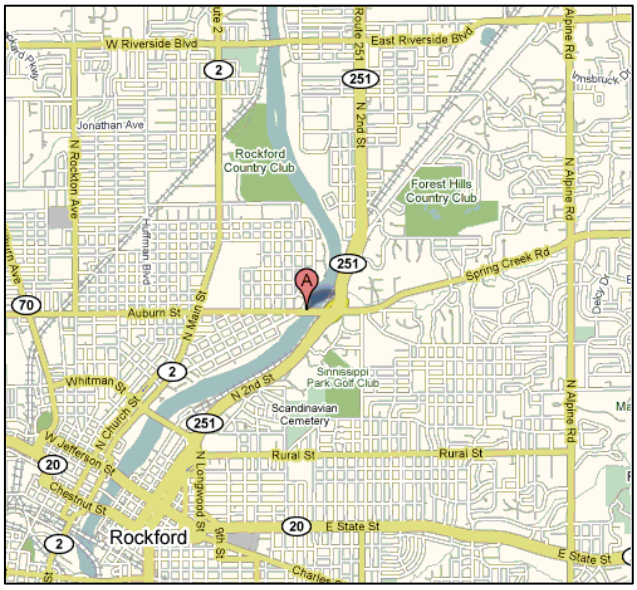
USGS GAGE NUMBER: 05437641

LOCATION: In Winnebago County, at the bridge on Auburn St., 700 ft. downstream from Spring Creek, 2.25 mi upstream of Rockford dam, and at river mile 139.0.

SW 1/4, Sec. 13, T. 44N, R. 1E

42°17'20"N, 89°03'55"W NAD83

Drainage Area = 6,528 mi^2



NARRATIVE	STAGE	HISTORICAL
	Rock River Rockford, IL	
	16	
	15	
	14	
	13	
	12	
	11	** MAJOR FLOOD STAGE 11.0' (NWS)
	10	** MODERATE FLOOD STAGE 10.0' (NWS)
	9	** **FLOOD STAGE 9.0'**

ELEVATION ZERO: 700.00
NGVD 1929

ROCK RIVER AT BYRON, ILLINOIS

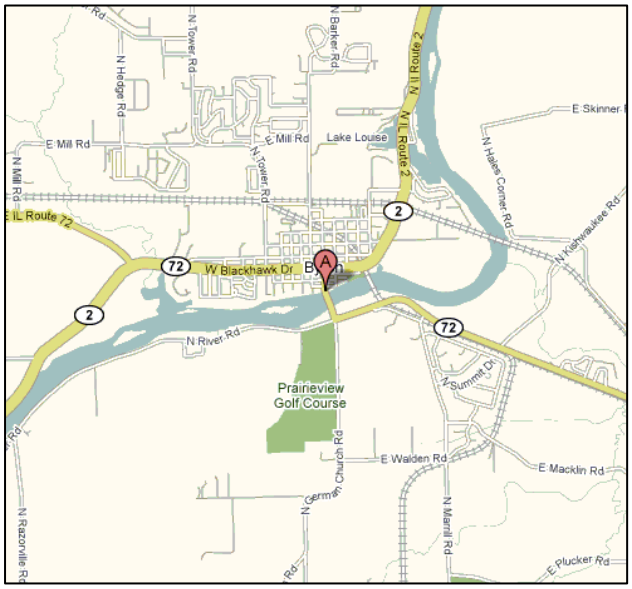
USGS GAGE NUMBER: 05440700

LOCATION: In Ogle County, at the bridge on State Highway 72, 0.3 miles south of Byron, 1.2 miles upstream from Mill Creek, 1.3 miles downstream from Stillman Creek, and at river mile 120.3.

NW 1/4, Sec. 32, T. 25N, R. 11E

42°07'23"N, 89°15'21"W NAD27

Drainage Area = 7,990 mi^2



Rock River
Byron, IL
BYRI2

NARRATIVE	STAGE	HISTORICAL
	18	
Water inundates Kishwaukee Rd near the river @ 17.0 **	17	
		** 16.12 6/14/2000
Houses in downstream end of Irwin Acres ** receive flood damage @ 16.0	16	** MAJOR FLOOD STAGE 16.0' (NWS)
Water approaches houses in downstream ** end of Irwin Acres @ 15.5		** 15.52 8/25/2007
		** 15.10 3/4/2008
Park areas near bridge in Byron flooded @ 15.0 **	15	
Water floods parking lot of Byron Forest Preserve's ** river area and approaches River Rd @ 14.9		** 14.8 6/15/2008
		** 14.67 6/5/2002
	14	** MODERATE FLOOD STAGE 14.0' (NWS)
		** 13.19 6/13/2004
Water approaches houses along river ** downstream from Byron @ 13.0	13	** **FLOOD STAGE 13.0'**
Flooding of several cabins begins to occur ** in Rock River Terrace @ 12.5		
Water inundates yards ov several houses ** on River Rd near Byron @ 12.0	12	
Lowest areas along river affected @ 11.5 **		
	11	

ELEVATION ZERO: 666.13
NGVD 1929

ROCK RIVER AT DIXON, ILLINOIS

USGS GAGE NUMBER: NONE*

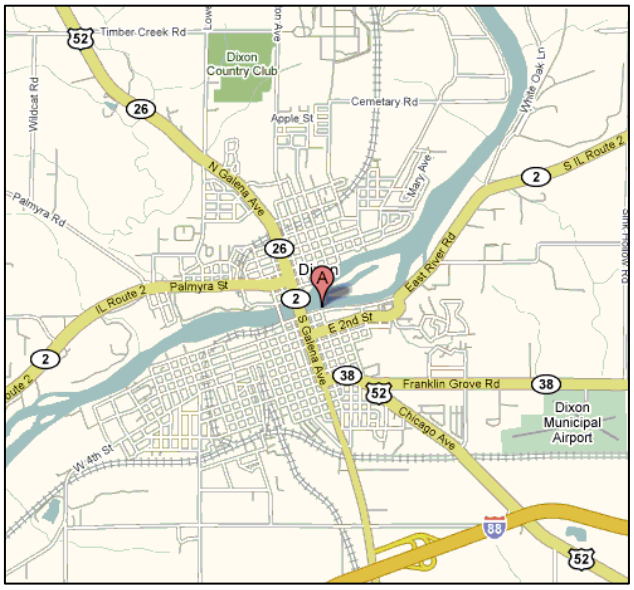
LOCATION: In Lee County, on left bank in forebay of Commonwealth Edison power station, upstream of Illinois Route 26 bridge, and at mile 87.3.

SE 1/4, Sec. 32, Twp. 22N, Rng. 9E

41°50'44"N, 89°28'50"W

Drainage Area = 8,614 mi^2

*Data regarding flood stages are based upon a gage operated by the IDNR/Office of Water Resources at this station.



STAGE

Rock River
Dixon, IL

NARRATIVE	STAGE	HISTORICAL
	15	** Estimated 1973
	14	
	13	** MAJOR FLOOD STAGE 13.0' (NWS)
		** 12.9 7/2/1996
		** 12.7 5/30/1996
		** MODERATE FLOOD STAGE 12.5' (NWS)
		** 12.34 6/5/2000
Floodwater affects basement of Dixon High School @ 12.0 **	12	** **FLOOD STAGE 12.0'**
		** 11.81 6/5/2002
		** 11.6 3/21/1979 ; 3/24/1993
	11	
		** 10.7 7/4/1978
Page Drive closed along River, road flooding in Lowell Park and ** on Riverside Drive in White Oaks. Colony Rd flooded @ 10.6		** 10.64 6/16/2008 ; 10.6 3/26/1975
Water flows over N Canal Rd in Woodland Shores. Flooding ** of West First St, and backyards at Sherman Ave and River St in Dixon @ 10.4		
	10	** 10.05 6/01/2004
Water covers the south road at the ** band shell on Page Dr @ 9.7		
Water inundates portions of Page Park mobile home ** park approx. 5 miles downstream. Flooding begins in Woodland Shores subdivision @ 9.0	9	
Water approaches road at band shell on Page Dr @ 8.7 **		
	8	

ELEVATION ZERO: 640.39
NGVD 1929

ROCK RIVER ABOVE SINNISSIPPI DAM AT ROCK FALLS, ILLINOIS

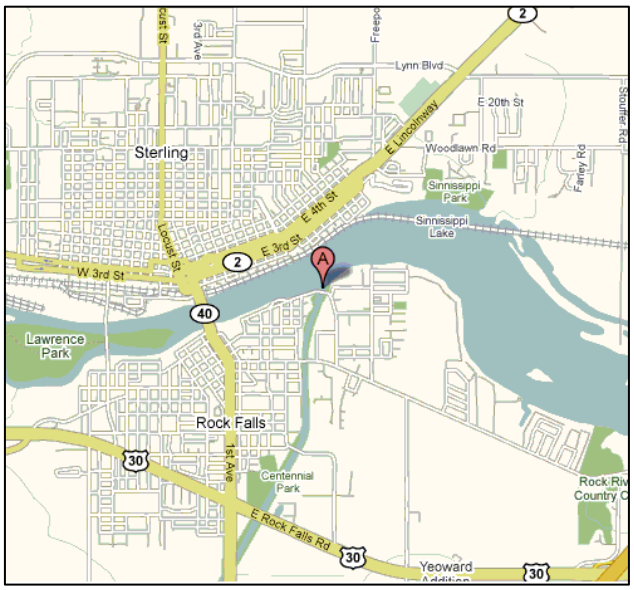
USGS GAGE NUMBER: 05443000

LOCATION: In Whiteside County, on the concrete wall at the entrance of the Hennepin Feeder Canal, 300 ft upstream of the Upper Rock Falls Dam, and at river mile 73.6.

SE 1/4, Sec. 22, Twp. 21N, Rng. 7E

41°47'15"N, 89°40'35"W NAD83

Drainage Area = 8,740 mi^2



STAGE

Rock River
Sinnissippi Dam
Rock Falls, IL

NARRATIVE	STAGE	HISTORICAL
	11	
	10	
	9	
	8	
	7	** 6.88 12/22/2003 ; 4/12/2008
Normal Pool for the dam **		
	6	
	5	
	4	

ELEVATION ZERO: 630.00
NGVD 1929

::

ROCK RIVER AT COMO, ILLINOIS

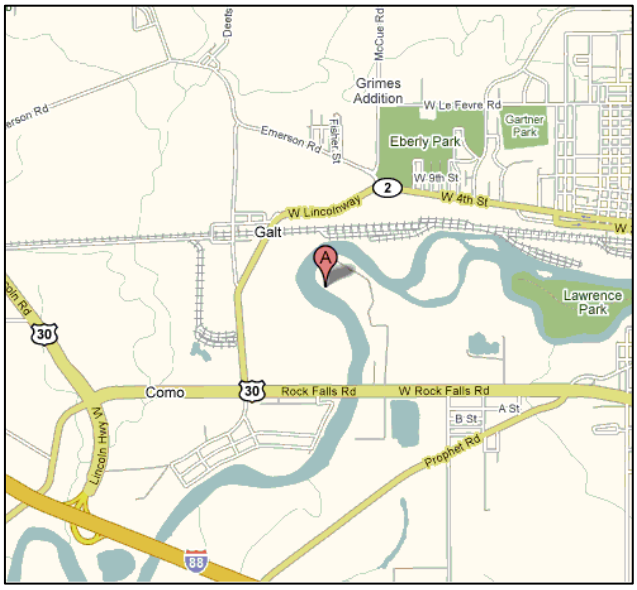
USGS GAGE NUMBER: 05443500

LOCATION: In Whiteside County, on the left bank, 1 mile upstream from Como, 3 miles downstream from Rock Falls, 3.5 miles upstream from Elkhorn Creek, and at river mile 69.2.

NE 1/4, Sec. 25, Twp. 21N, Rng. 6E

41°46'58"N, 89°44'59"W NAD27

Drainage Area = 8,753 mi^2



STAGE

Rock River
Como, IL
CMOI2

NARRATIVE	STAGE	HISTORICAL
	22	
	20	
		** 19.6 2/16/1918 (backwater from ice)
	18	
		** 17.7 2/24/1995 (backwater from ice)
		** 17.51 2/7/1938 (backwater from ice)
		** 16.52 3/20/1919
	16	
		** 15.66 4/21/1973
		** 15.24 3/5/1985
	14	
		** 13.65 6/5/2002
		** 13.58 5/29/1996
		** 13.3 2/22/1997
		** 13.12 6/15/2000
		** 12.72 3/25/1993
		** 12.08 8/26/2007
	12	** MAJOR FLOOD STAGE 12.0' (NWS)
		** 11.08 6/16/2008
		** MODERATE FLOOD STAGE 11.0' (NWS)
	10	** **FLOOD STAGE 10.0'**
	8	

ELEVATION ZERO: 606.83
NGVD 1929

::

ROCK RIVER NEAR JOSLIN, ILLINOIS

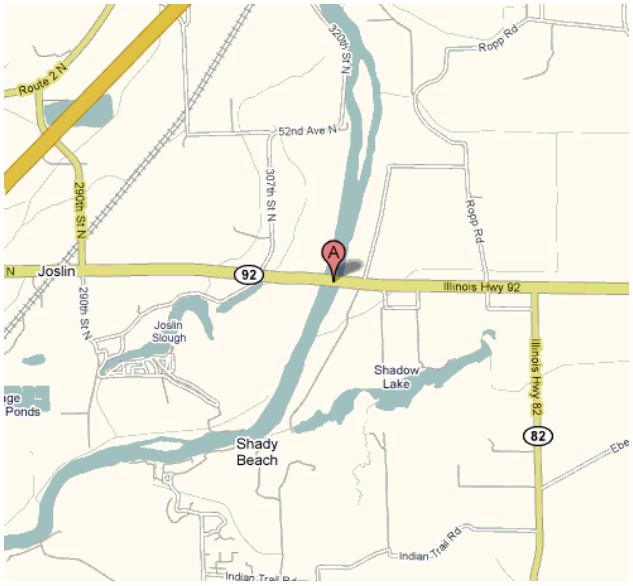
USGS GAGE NUMBER: 05446500

LOCATION: In Rock Island County, near the center span on the downstream side of the bridge on State Highway 92, 1.8 miles east of Joslin, 14.5 miles downstream from Rock Creek, and at river mile 26.9.

NE 1/4, Sec. 18, Twp. 18N, Rng. 3E

41°33'22"N, 90°11'07"W NAD83

Drainage Area = 9,549 mi^2



1993 FLOOD INFORMATION

Landuit's Lake Resort received damage to the rest room facilities and to 1 home and 2 mobile homes. Campers were moved to high ground.

Rock River
Joslin, IL
JOSI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
Hillsdale, Erie and the IL Rte 92 bridge affected @ 21.0 **	-----21-----	
Homes in Erie and the RR tracks east of town affected @ 20.0 **	-----20-----	
Water affects Barstow Rd between Barstow & IL Rte 5 @ 19.2 **		** 19.24 6/7/2002
Water overtops Joslin Levee. Several Homes in Hillsdale on **	-----19-----	
Docia St and road south of town, and in Osborn affected @ 19.0		
Main St in Hillsdale inundated @ 18.8 **		** 18.88 2/23/1997
Water on Docia St and road south of town in Hillsdale, Cleveland		** 18.73 5/31/1996
acces cut-off, residential evacuations begin @ 18.6 **		
Water on Moline Road east of Erie and on River Rd @ 18.5 **		** 18.55 6/16/2000
Water affects Osborn Rd at Osborn @ 18.4 **		
Water affects the railroad tracks near Osborn @ 18.3 **		** 18.35 3/26/1993
Water overtops Zuma Creek levee near Barstow. A few homes		
Shady Beach are affected. Hillsdale begins sandbagging @ 18.0 **	-----18-----	** 18.01 2/22/1994 ; 18.02 2/24/2001 (ice jam)
Water overtops the Osborn levee @ 17.9 **		
		** 17.81 3/22/1979
BNRR tracks south of Prophetstown overtopped @17.7 **		** 17.74 4/23/1973
		** 17.69 2/23/1971 (backwater)
Water is across Broadway at Jackson Street in Cleveland. **		
Joslin levee affected and Barstow threatened @ 17.5		
		** 17.31 6/6/2008 ; 17.36 3/6/2008
		17.24 8/28/2007
		** 17.18 5/18/1974
- -	-----17-----	- -
		** 16.64 3/3/1985
In Cleveland a few homes and the lowest sections of **		** MAJOR FLOOD STAGE 16.5' (NWS)
Broadway and Main St are affected. Flood damage		
begins to the Hillsdale Water Supply @ 16.5		
Water affects homes in Osborn and Water affects much of **	-----16-----	** 16.0 7/6/1978
Barstow Road between Barstow and Osborn @ 16.0		** 15.95 3/28/1975
Water inundates Barstow Rd east of Osborn under I-88 @ 15.5 **		
		** 15.37 7/1/1990
		** 15.18 4/5/1983
Water affects residences in the Thompson addition @ 15.0 **	-----15-----	** 15.04 6/03/2004
		** 14.46 3/22/1948
		** 14.21 2/4/1988
IL Rte 2 flooded. Water affects residences in outlying		
areas along the river including basements, yards, **	-----14-----	** MODERATE FLOOD STAGE 14.0' (NWS)
driveways, and access roads @ 14.0		** 13.76 3/13/86
Water on Barstow Rd between Barstow and Osborn @ 13.7 **		
Flooding of unprotected agricultural land. Water **	-----13-----	
affects Lundeen's Landing Campground @ 13.0		
Summer cottages along river damaged @12.5 **		
- -	-----12-----	** **FLOOD STAGE 12.0'**
	+ +++++++++ +	

ELEVATION ZERO: 564.06
NGVD 1929

ROCK RIVER AT MOLINE, ILLINOIS

USGS GAGE NUMBER: NONE*

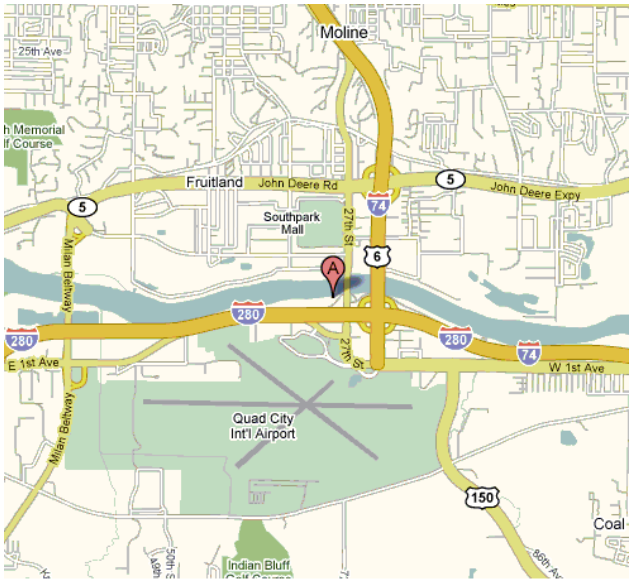
LOCATION: In Rock Island County, 400 feet downstream from the U.S. Highway 150 Bridge, 0.3 mile downstream from the Interstate 74 Bridge, and river mile 7.2.

SW 1/4, Sec. 16, Twp. 17N, Rng. 1W

41°27'41"N, 90°30'22"W

Drainage Area = 10,819 mi^2
10,751 mi^2 COE

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



2008 FLOOD INFORMATION

An ice jam flood in March set a new stage record, and caused significant flooding to homes along the river.

Rock River
Moline, IL
MLII2

NARRATIVE	STAGE	HISTORICAL
Sears Dam is underwater @ 17.5 **	17	
		** 16.38 3/6/2008 (ice jam)
		** 16.15 4/26/1973
	16	
		** 15.79 6/7/2002
		** 15.7 5/21/1974
Water affects the intersection of US Rte 150 & US Rte 6. **		
Steel Dam is underwater @ 15.5		
		** 15.31 2/24/1997
120 trailers are inundated. Water affects the **		** 15.25 5/31/1996 ; 15.2 2/24/1971
lowest streets on Vandruff Island @ 15.2		** 15.1 3/24/1979
Water affects business parking lots on 52nd Ave in Moline, **	15	** 15.01 6/17/2000
and most homes along North and South Shore Drives @ 15.0		** 14.93 6/12/1993
		** 14.71 2/23/1994
		** 14.5 3/26/1993
Water surrounds 120 trailers @ 14.2' **		
Water affects North and South Shore Drives in Moline		** 14.1 12/16/1986
west of the 27th St bridge. Access is limited to homes on **	14	** MAJOR FLOOD STAGE 14.0' (NWS)
South Shore Drive east of I-74 bridge @ 14.0		
Water affects 49th Ave in Moline @13.8 **		
Water affects 60th St south of John Deere Rd in Moline and **		
Green Valley Park. Water is on Canal Rd on Big Island @ 13.5		
Access to trailer park at I-74 and John Deere Rd limited. **		
Smiths Island floods @ 13.2		** 13.04 6/04/2005
Water affects homes on South Shore Drive in Moline and cuts **	13	** MODERATE FLOOD STAGE 13.0' (NWS)
off access to homes east of the I-74 . Water affects Vandruffs		
Island in Rock Island and 7th Street in Coal Valley @ 13.0		
Water affects residences in the Friendship Farm area @ 12.5 **		
Water affects residences near the 27th St bridge @ 12.0 **	12	** **FLOOD STAGE 12.0'**
Agricultural land upstream of Moline affected @ 11.0 **	11	
	10	

ELEVATION ZERO: 551.34
NGVD 1929

SALT CREEK AT ROLLING MEADOWS, ILLINOIS

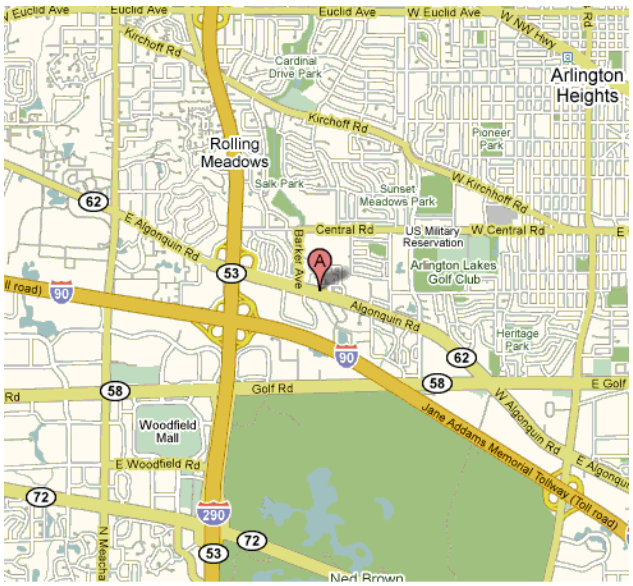
USGS GAGE NUMBER: 05530990

LOCATION: In Cook County, on the left bank at the upstream side of bridge on Algonquin Road in Rolling Meadows, 0.25 miles downstream from Arlington Heights Branch of Salt Creek, and at river mile 35.6.

NW 1/4, Sec. 8, Twp. 41N, Rng. 11E

42°03'38"N, 88°01'00"W NAD83

Drainage Area = 30.5 mi^2



Salt Creek
Rolling Meadows, IL
ROLI2

NARRATIVE	STAGE	HISTORICAL
	15	
	14	** 14.03 8/14/1987
	13	** 13.12 9/13/2008
	12	** 12.56 12/3/1982
	11	** 11.54 8/4/1989
		** 11.2 11/19/1985
		** 10.88 10/13/2001
		** 10.82 4/8/1975
		** 10.63 8/21/1990
		** 10.52 3/4/1976 ; 10.57 8/23/2007
		** 10.09 2/21/1997
Flood Damage begins to apartments just downstream of ** Algonquin Rd. and to residences between Central and Algonquin Roads @ 10.0	10	
	9	
Flood Damage begins to Central Road School at ** Central Road and East Frontage Road @ 8.5		** **FLOOD STAGE 8.5'**
	8	

ELEVATION ZERO: 686.40
NGVD 1929

SALT CREEK AT ELMHURST, ILLINOIS

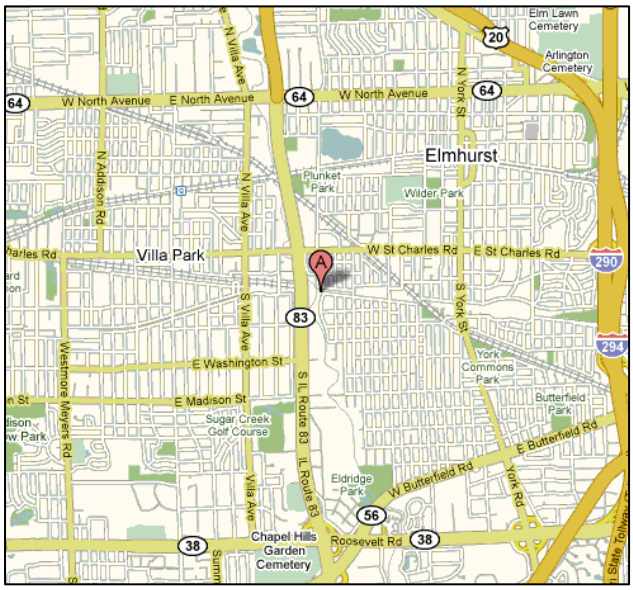
USGS GAGE NUMBER: 05531300

LOCATION: In Du Page County, on the left bank at the upstream side of the Illinois Prairie Path Bikeway bridge in Elmhurst, and at river mile 20.1.

NE 1/4, Sec. 10, Twp. 39N, Rng. 11E

41°53'10"N, 87°57'33"W NAD27

Drainage Area = 91.5 mi^2



STAGE

Salt Creek
Elmhurst, IL

NARRATIVE	STAGE	HISTORICAL
	17	
	16	
	15	
	14	
		** 13.56 8/6/1989
		** 13.37 8/2119/90
		** 13.26 9/14/2008
		** 13.17 6/25/1994
	13	
		** 12.8 4/28/1995
		** 12.62 11/7/1990
		** 12.10 5/29/1996
	12	
	11	
	10	** 10.02 6/01/2004

ELEVATION ZERO: 651.93
NGVD 1929

SALT CREEK AT WESTERN SPRINGS, ILLINOIS

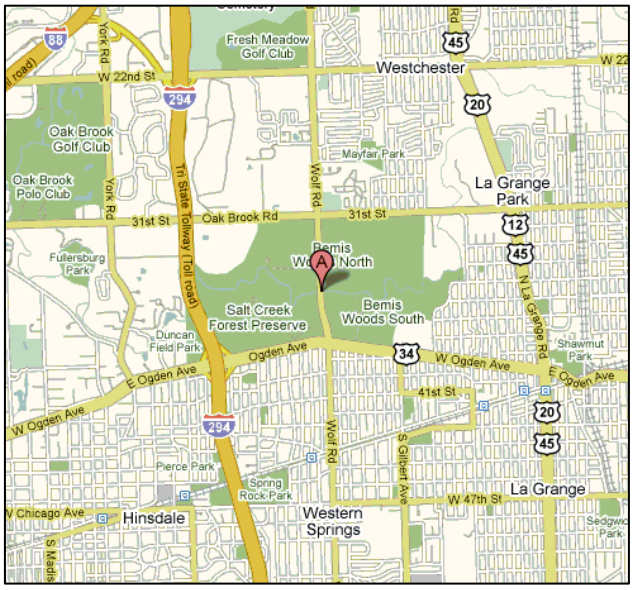
USGS GAGE NUMBER: 05531500

LOCATION: In Cook County, on the left bank at the upstream side of the bridge on Wolf Road, in Cook County Forest Preserve, 0.5 mile north of Western Springs, and at river mile 8.8.

SE 1/4, Sec. 31, Twp. 39N, Rng. 12E

41°49'33"N, 87°54'01"W NAD83

Drainage Area = 115 mi^2



STAGE

Salt Creek
Western Springs, IL

NARRATIVE	STAGE	HISTORICAL
	11	
		** 10.54 8/17/1987
	10	
		** 9.94 9/14/2008
		** 9.35 2/21/1997
	9	
		** 8.94 5/10/1990 ; 10/3/2006
		** 8.81 10/14/2001
		** 8.71 12/5/1982
		** 8.55 8/28/1972
		** 8.29 11/28/1990
		** 8.11 5/28-29/1996
	8	
		** 7.14 8/28/2004
	7	
	6	
	5	
	4	

ELEVATION ZERO: 624.93
NGVD 1929

SALT CREEK AT BROOKFIELD, ILLINOIS

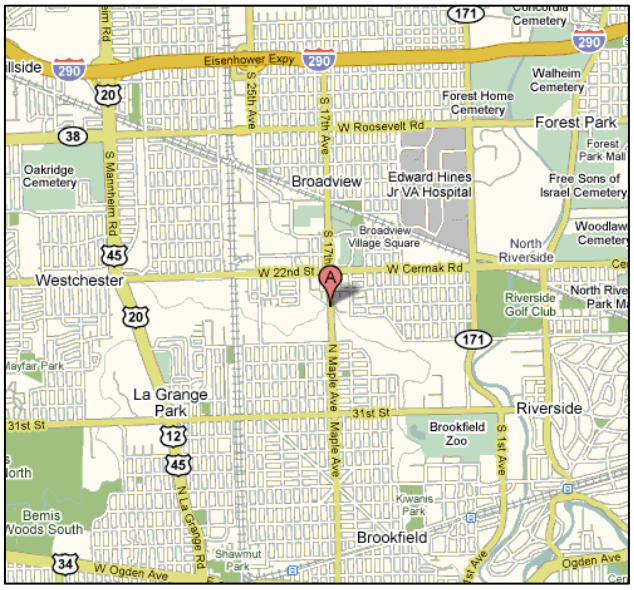
USGS GAGE NUMBER: 05532300

LOCATION: In Cook County, on the left bank at the upstream side of the bridge on Maple Avenue in Brookfield, 300 feet downstream from Addison Creek, 1.0 mile upstream from the diversion to the Des Plaines River, and at river mile 3.5.

NE 1/4, Sec. 27, Twp. 39N, Rng. 12E

41°50'45"N, 87°51'09"W NAD83

Drainage Area = 146 mi^2



Salt Creek
Brookfield, IL

NARRATIVE	STAGE	HISTORICAL
	13	
		** 12.2 8/15/1987
	12	
	11	
		** 10.19 5/10/1990
Flood damage begins to buildings located just north of ** Ogden Ave and east of Wolf Rd @ 10.0	10	
	9	
Flood Water isolates buildings located just north of ** Odgen Ave and east of Wolf Rd @ 8.8		
		** 8.61 7/17/1969
	8	
		** 7.89 4/19/1975
	7	
		** 6.6 6/01/2004
	6	

ELEVATION ZERO: 608.04
NGVD 1929

SALT CREEK NEAR GREENVIEW, ILLINOIS

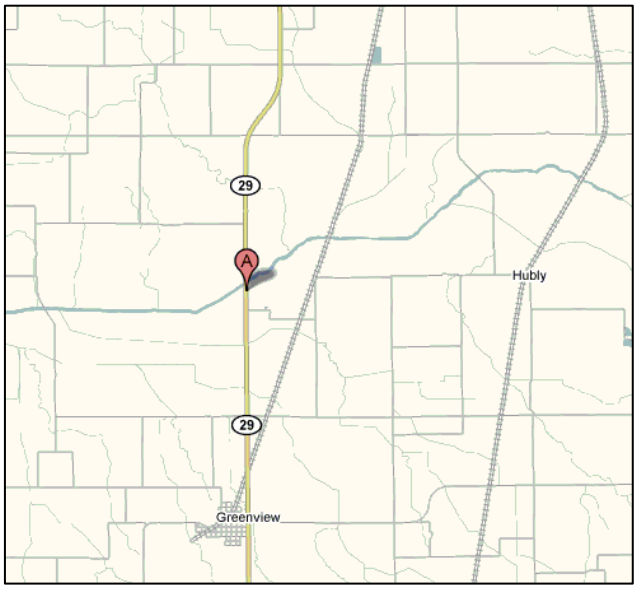
USGS GAGE NUMBER: 05582000

LOCATION: In Menard County, on the downstream side of the bridge on State Highway 29, 3.3 miles downstream from Pike Creek, 3.5 miles north of Greenview, and at river mile 4.9.

NE 1/4, Sec. 2, Twp. 19N, Rng. 6W

40°07'55"N, 89°44'08"W NAD27

Drainage Area = 1,804 mi^2



Salt Creek
Greenview, IL
GREI2

NARRATIVE	STAGE	HISTORICAL
	24	
	22	
		** 20.50 5/19/1943
		** 20.21 12/4/1982
	20	** MAJOR FLOOD STAGE 20.0' (NWS)
		** 19.81 6/24/1974
		** 18.90 4/13/1979
	18	** 18.00 11/24/1985 ; 18.03 3/5/1979
		** 17.82 4/25/1973 ; 17.91 1/14/2005
		** 17.63 8/17/1981
		** 17.47 5/10/1961
		** 17.28 5/19/1995
		** MODERATE FLOOD STAGE 17.0' (NWS)
		** 16.51 4/15/1994
		** 16.25 5/19/1968 ; 16.26 9/17/2008
Widespread agricultural flooding occurs @ 16.0 **	16	** **FLOOD STAGE 16.0'**
		** 15.96 5/14/2002
	14	
Water begins tp overflow banks into wooded ** and agricultural areas @ 13.0		
	12	
	10	

ELEVATION ZERO: 479.00
NGVD 1929

SANGAMON RIVER AT MONTICELLO, ILLINOIS

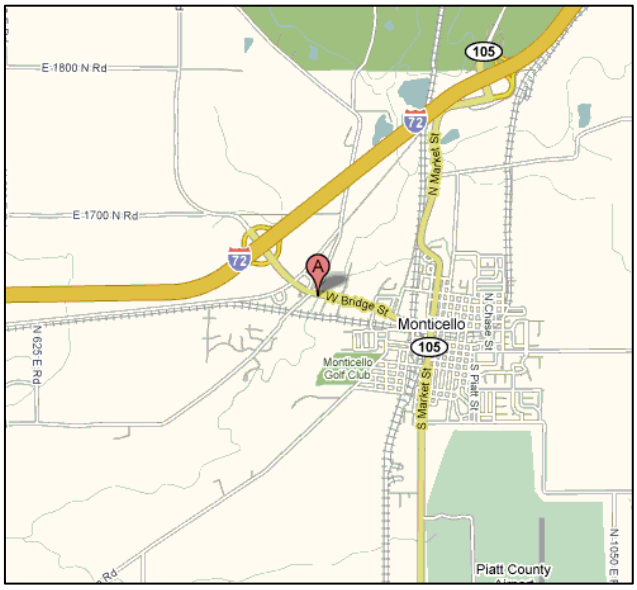
USGS GAGE NUMBER: 05572000

LOCATION: In Piatt County, on the right downstream side of the highway bridge, 0.5 mile west of Monticello, and at river mile 162.2.

SW 1/4, Sec. 12, Twp. 18N, Rng. 5E

40°01'51"N, 88°35'20"W NAD27

Drainage Area = 550 mi^2



Sangamon River
Monticello, IL
MNTI2

NARRATIVE	STAGE	HISTORICAL
Flood Damage begins in Monticello @ 20.0 **	20	** MAJOR FLOOD STAGE 20.0' (NWS)
		** 19.06 4/13/1994
	19	
		** 18.78 6/4/2008
		** 18.50 10/4/1926 ; 18.55 5/16/1968
	18	
		** 17.86 2/6/2008
		** 17.71 12/31/1990 ; 17.77 1/15/2005
		** 17.67 5/18/1943
		** 17.31 11/21/1986
		** 17.27 3/6/1979
	17	** MODERATE FLOOD STAGE 17.0' (NWS)
		** 16.76 8/22/1964
		** 16.42 6/5/1980
		** 16.06 5/17/1995
	16	** 15.98 2/25/1985
		** 15.75 5/14/2002
	15	
		** 14.89 3/27/2004
	14	
Flooding of agricultural areas begins @ 13.0 **	13	** **FLOOD STAGE 13.0'**

ELEVATION ZERO: 625.89
NGVD 1929

SANGAMON RIVER AT ROUTE 48 AT DECATUR, ILLINOIS

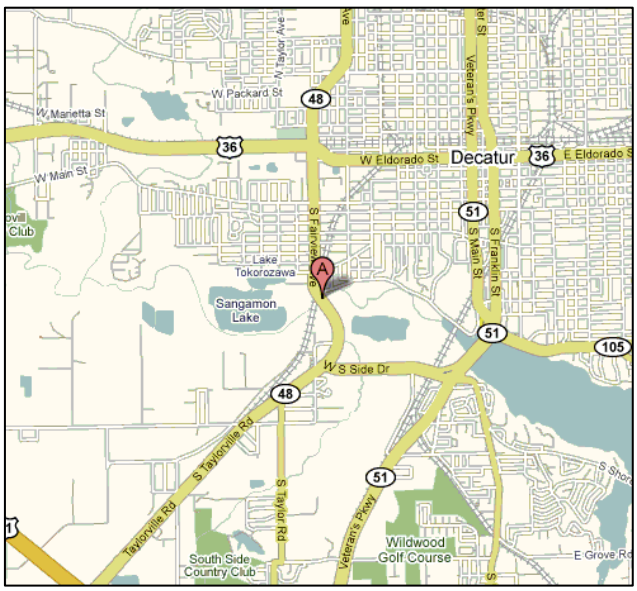
USGS GAGE NUMBER: 05573540

LOCATION: In Macon County, on the right upstream side of the bridge on State Highway 48 in Decatur, 1.2 miles downstream of Lake Decatur dam, 2.5 miles upstream from Stevens Creek and at river mile 129.0.

NE 1/4, Sec. 21, Twp. 16N, Rng. 2E

39°49'52"N, 88°58'35"W NAD27

Drainage Area = 938 mi^2



Sangamon River
Decatur Ill. Rte. 48
DECI2

NARRATIVE	STAGE	HISTORICAL
	25	
		** 24.6 3/7/1979 est.
		** 24.33 5/12/2002 ; 24.35 9/14/2008
	24	
		** 23.89 6/5/2008
	23	** 23.04 5/2/1983
		** 22.61 11/19/1985
	22	
		** 21.87 12/30/1990
		** 21.12 4/15/1994
	21	
		** 20.96 1/13/2005
	20	
Flood damage to houses begins approximately 1 mile below ** the dam, road to Decatur waterworks inundated @ 19.5		** 19.45 5/19/1995
		** 19.36 5/8/1996
	19	
	18	

ELEVATION ZERO: 583.43
NGVD 1929

SANGAMON RIVER AT RIVERTON, ILLINOIS

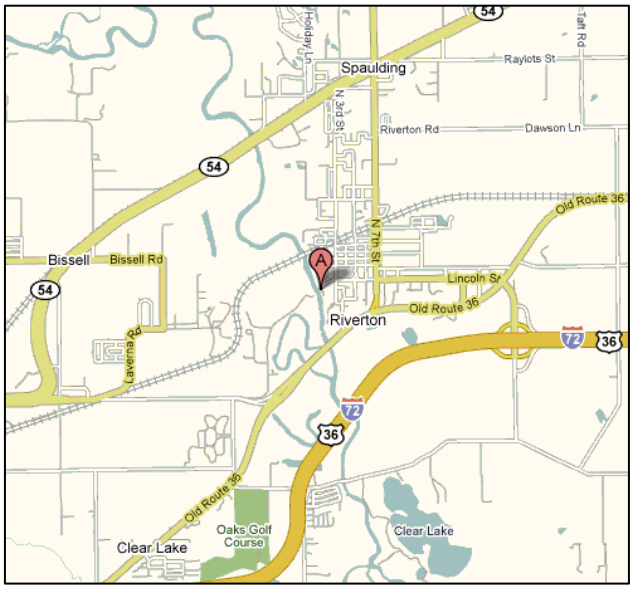
USGS GAGE NUMBER: 05576500

LOCATION: In Sangamon County, at the right abutment on the old U.S. Highway 36 bridge in Riverton, 2.2 miles downstream from Sugar Creek, 5.6 mile upstream from Fancy Creek, and at river mile 83.1.

NE 1/4, Sec. 16, Twp. 16N, Rng. 4W

39°50'35"N, 89°32'50"W NAD27

Drainage Area = 2,618 mi^2



Sangamon River
Riverton, IL
RVTI2

NARRATIVE	STAGE	HISTORICAL
	32	** 32.04 10/4/1926
		** 31.52 5/19/1943
	30	** 30.07 5/14/2002
Rte 54 west of bridge overtopped @ 29.5 **		
Flood damage begins to residences in the Holiday **		** MAJOR FLOOD STAGE 29.0' (NWS)
Estates subdivions in Spaulding @ 29.0		
Water begins to affect the sewage treatment plant **		
in Riverton @ 28.5		** 28.28 4/13/1994
IL Rte 29 bridge north of Springfield floods. **	28	** 28.03 2/2/1916
sandbagging begins in Holiday Estates @ 28.0		
Bus. 55 at Riverside Park begins to flood @ 27.0 **		
		** 26.97 6/8/2008
		** 26.78 4/12/1979
West approach road to gage inundated **		
	26	** MODERATE FLOOD STAGE 26.0' (NWS)
		** 25.65 5/10/1996
		** 25.42 5/2/1983
		** 25.3 1/15/2005
		** 24.33 11/21/1985
	24	** 24.00 2/22/1982
		** 23.95 5/20/1990
		** 23.74 12/31/1990
		** 23.49 5/8/1977
		** **FLOOD STAGE 23.0'**
		** 22.74 5/21/1995
	22	
		** 21.99 9/25/1993
		** 21.41 1/6/1993
	20	
Large areas of farmland inundated @ 19.0 **		
		** 18.77 3/31/2004
Agricultural lands inundated near river @ 18.0 **	18	

ELEVATION ZERO: 508.38
NGVD 1929

SANGAMON RIVER AT PETERSBURG, ILLINOIS

USGS GAGE NUMBER: NONE*

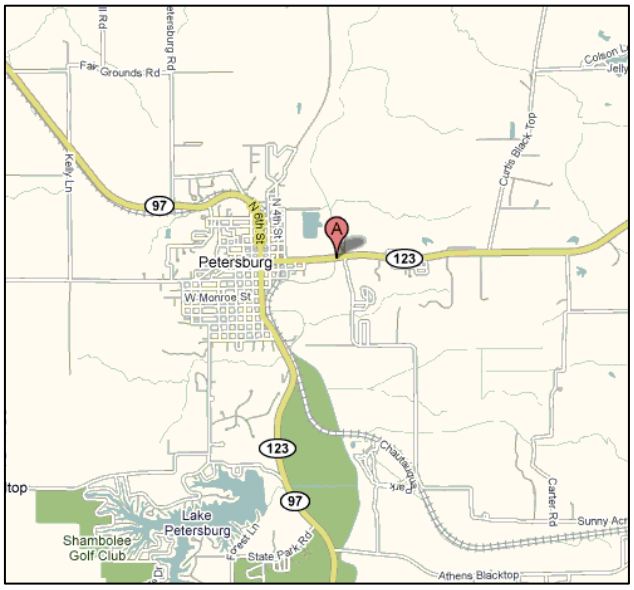
LOCATION: In Menard County. A wire weight gage mounted on the downstream side of the Highway 123 bridge, 2.5 mile upstream from the mouth of Indian Creek, 0.4 miles downstream of the Petersburg Dam, and at river mile 45.9.

NW 1/4, Sec. 13, Twp. 18N, Rng. 7W

39°59'13"N, 89°51'50"W NAD83

Drainage Area = 3,063 mi^2

* Data regarding flood stages are based upon a gage operated by the National Weather Service.



Sangamon River
Petersburg, IL
PETI2

NARRATIVE	STAGE	HISTORICAL
	34	
Large part of Petersburg flooded @ 33.90 **		** 33.90 5/20/1943
		** MAJOR FLOOD STAGE 33.0' (NWS)
	32	
		** 30.75 5/14/2002
	30	
		** 29.8 4/15/1994
Flood waters close Rte 123. Water overtops the Illinois Midland railroad tracks at 4th St. Water treatment plant surrounded by water @ 29.0 **		
	28	
		** 27.45 5/11/1996
		** 26.5 1/25/1974
		** 26.3 1/17/2005
	26	** 26.1 5/3/1970
		** 24.2 4/21/1969
	24	** MODERATE FLOOD STAGE 24.0' (NWS)
		** 23.04 6/23/90
Extensive agricultural and lowland flooding occurs @ 23.0 **		** **FLOOD STAGE 23.0'**
	22	
Park & recreational land inundated near the river in Petersburg is flooded @ 21.0 **		
	20	
Minor flooding in parks & agricultural areas @ 15.0 **	18	

ELEVATION ZERO: 474.00
NGVD 1929

SANGAMON RIVER NEAR OAKFORD, ILLINOIS

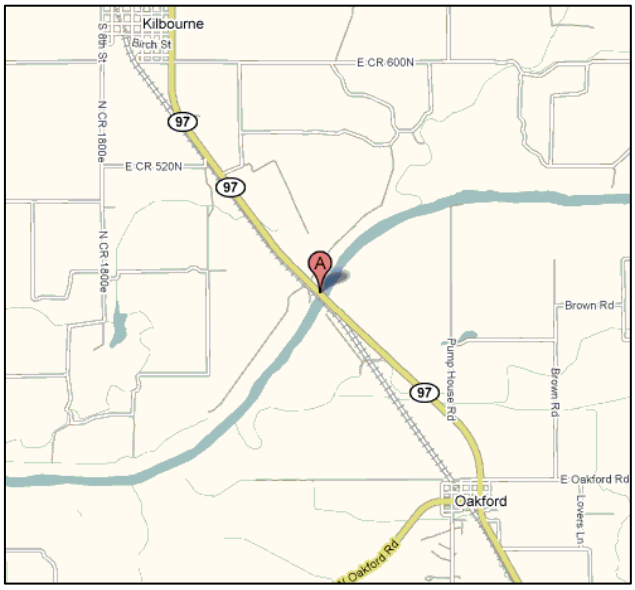
USGS GAGE NUMBER: 05583000

LOCATION: In Mason County, on the right bank at the downstream side of the bridge on State Highway 97, 300 ft. upstream from the Chicago and Illinois Midland Railway Bridge, 1.8 miles northwest of Oakford, and at river mile 25.7.

SE 1/4, Sec. 3, Twp. 19N, Rng. 8W

40°07'27"N, 89°59'06"W NAD83

Drainage Area = 5,093 mi^2



Sangamon River
Oakford, IL
OKFI2

NARRATIVE	STAGE	HISTORICAL
	++++++++	
	----478----	** 478.51 5/20/1943
		** MAJOR FLOOD STAGE 478.5' (NWS)
	----477----	
Water overtops the Mason, Menard Special ** and Oakford levees @ 476.9		** 476.90 4/15/1979
		** 476.54 5/15/2002
		** 476.53 12/5/1982
	----476----	** 475.99 4/15/1994
	----475----	** 475.00 1/15/2005
		** 474.64 6/25/1974
		** 474.46 4/25/1973
	----474----	** 474.04 6/11/2008
		** 473.80 4/26/1994
		** 473.56 5/20/1995
	----473----	
		** MODERATE FLOOD STAGE 472.9' (NWS)
		** 472.14 5/8/1991
	----472----	
Flooding begins to agricultural areas not ** protected by levees @ 471.0	----471----	
	++++++++	** **FLOOD STAGE 471.0'**

ELEVATION ZERO: 0.00
NGVD 1929

SANGAMON RIVER NEAR CHANDLERVILLE, ILLINOIS

USGS GAGE NUMBER: NONE*

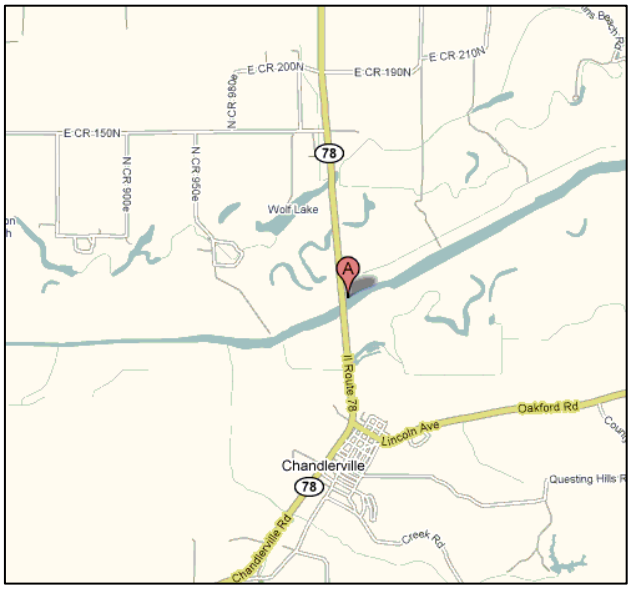
LOCATION: In Cass County, on the right upstream bank of the bridge on Highway 78; 1 mile north of Chandlerville and at river mile 14.8.

SW 1/4, Sec. 30, Twp. 19N, Rng. 9W

40°03'43"N, 90°09'21"W

Drainage Area = 5,208 mi^2

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.



STAGE

Sangamon River
Chandlerville, IL

NARRATIVE	STAGE	HISTORICAL
	++++++++	
	----470----	
	----468----	
Water overtops the Old River levee @ 466.9 **		
	----466----	
	----464----	
Water overtops the City levee @ 463.9 **		
		** 462.70 5/16/2002
	----462----	** MAJOR FLOOD STAGE 462.0' (NWS)
Water overtops the Bell levee @ 461.9 **		
		** 461.55 4/17/1994
		** 461.02 1/15/2005
	----460----	
		** MODERATE FLOOD STAGE 459.0' (NWS)
		** 458.71 9/18/2008
	----458----	
		** 456.83 12/9/2004
		** **FLOOD STAGE 456.6'**
	----456----	
	++++++++	

ELEVATION ZERO: 400.00
NGVD 1929

SHOAL CREEK NEAR BREESE, ILLINOIS

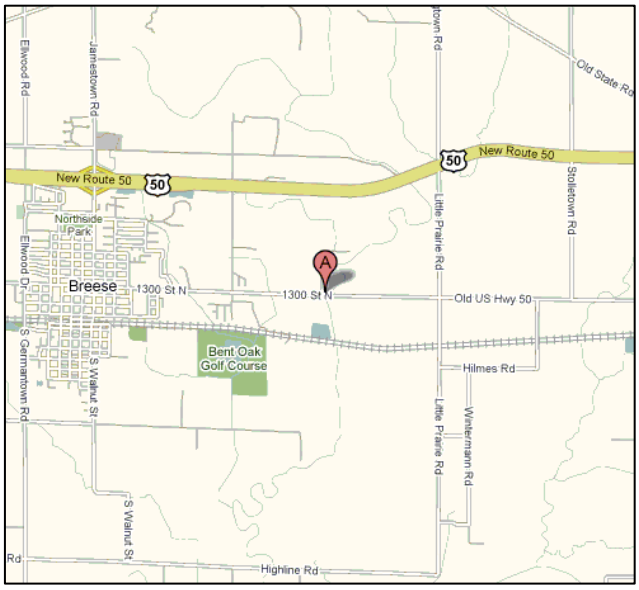
USGS GAGE NUMBER: 05594000

LOCATION: In Clinton County, on the right bank at the upstream side of the bridge on U.S. Highway 50, 0.4 mile upstream from the Baltimore and Ohio Railroad, 1.7 miles east of Breese, 7 miles upstream from Beaver Creek, and at river mile 21.3.

SW 1/4, Sec. 13, Twp. 2N, Rng 4W.

38°36'36"N, 89°29'41"W NAD83

Drainage Area = 735 mi^2



Shoal Creek
Breese, IL
BRSI2

NARRATIVE	STAGE	HISTORICAL
	27	
		** 25.6 5/19/1943
	25	
	23	** 23.02 4/14/1979
		** 22.63 1/6/1950
		** 22.48 6/17/1957
		** 22.10 5/9/2002
		** 21.31 1/7/2005
	21	
		** 20.67 1/2/1991 ; 2/25/1985
		** 20.53 5/20/1995 ; 20.49 9/19/2008
		** 19.56 5/31/2004
	19	
		** 18.86 3/24/1998
		** 17.14 6/29/2000
	17	
	15	
		** **FLOOD STAGE 14.5'**
	13	

ELEVATION ZERO: 413.97
NGVD 1929

SKILLET FORK AT WAYNE CITY, ILLINOIS

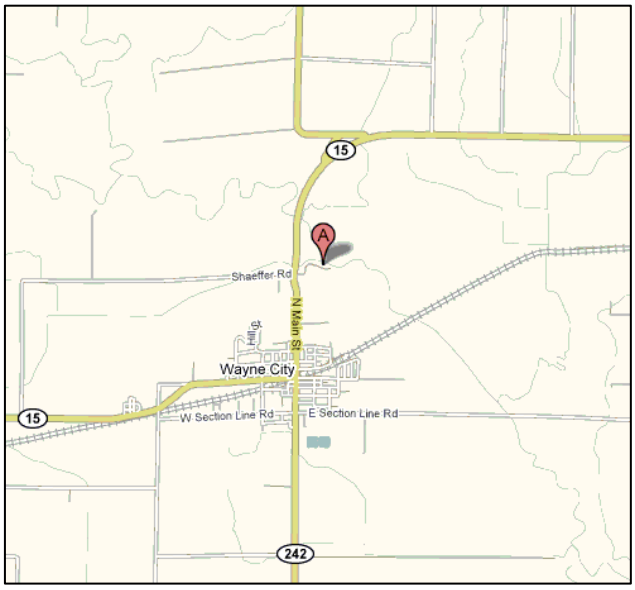
USGS GAGE NUMBER: 03380500

LOCATION: In Wayne County, on the right bank 0.1 miles downstream from Shoe Creek, 0.5 mile downstream from the bridge on State Highway 15,0.9 mile upstream from the Southern Railway bridge, 1 mile north of Wayne City, and at river mile 42.4.

SW 1/4, Sec. 7, Twp. 2S, Rng. 6E

38°21'30"N, 88°35'05"W NAD83

Drainage Area = 464 mi^2



Skillet Fork
Wayne City, IL
WYNI2

NARRATIVE	STAGE	HISTORICAL
	27	
Large amounts of property damage can be expected. ** Evacuation of many homes and businesses becomes necessary @ 26.7		** 26.68 5/8/1961
		** 25.75 5/15/1990
	25	
		** 24.6 11/20/1985
		** 23.71 5/19/1995
		** 23.49 11/15/1993
		** 23.29 3/19/2008
	23	
		** 22.51 3/12/2006 ; 22.45 12/23/1967
		** 22.1 4/29/1996 ; 22.16 1/5/1950
		** 21.41 1/6/2005
		** 21.15 1/23/1999
	21	
		** 20.48 3/29/1977
		** MAJOR FLOOD STAGE 20.0' (NWS)
	19	
		** 18.42 1/1/1991
	17	** MODERATE FLOOD STAGE 17.0' (NWS)
Flooding begins to affect residences in area south ** and east of Wayne City. Various township roads inundated @ 15.0	15	** **FLOOD STAGE 15.0'**
	13	

ELEVATION ZERO: 383.15
NGVD 1929

SOUTH BRANCH KISHWAUKEE RIVER AT DEKALB, ILLINOIS

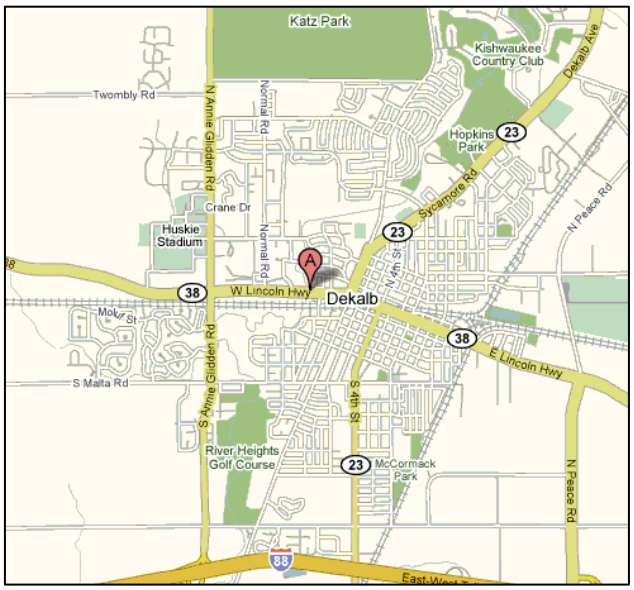
USGS GAGE NUMBER: 05439000

LOCATION: In Dekalb County, on the left bank 100 feet downstream from the bridge on State Highway 38 in De Kalb, and at river mile 37.8.

NE 1/4, Sec. 22, Twp. 40N, Rng. 4E

41°55'52"N, 88°45'35"W NAD83

Drainage Area = 77.7 mi^2



STAGE South Branch Kishwaukee River
DeKalb, IL
DEKI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
	- -----16----- -	
	- -	
	- -	** 15.8 7/2/1983
	- -	
	- -	
	- -	
Barsema Hall floods on the NIU campas @ 15.4 **	- -	
	- -	** 15.34 8/24/2007
	- -	
	- -	
- -	- -----15----- -	- -
	- -	
	- -	
	- -	
	- -	
First St bridge in DeKalb is impassable @ 14.5 **	- -	
	- -	
	- -	
	- -	
	- -	
Flooding closes IL Rte 64 west of Sycamore @ 14.0 **	- -----14----- -	- -
	- -	
	- -	
	- -	
	- -	
Flood water overtops the levee north of Hillcrest St @ 13.5 **	- -	
	- -	
	- -	
	- -	
	- -	
Water overtops the levee at the east lagoon at NIU. **	- -----13----- -	- -
Fairview Dr bridge in DeKalb is closed. Castle Dr and	- -	** 12.97 7/18/1996
Lucinda Ave bridges are impassable @ 13.0	- -	
	- -	
	- -	** 12.64 2/21/1997
Flooding affects some structures at NIU @ 12.5 **	- -	** MAJOR FLOOD STAGE 12.5' (NWS)
	- -	
	- -	** 12.33 6/12/1929
	- -	
Flooding affects Riverheights golf course @ 12.1 **	- -	
Flooding affects homes on north side of DeKalb @ 12.0 **	- -----12----- -	- -
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	** 11.32 9/9/1980
	- -	** 11.28 9/14/2008
	- -	
Street flooding begins in northern DeKalb and water **	- ------11---- -	** MODERATE FLOOD STAGE 11.0' (NWS)
floods Clifford Drive on the south side of Praire Park @ 11.0	- -	** 10.97 8/27/1987
	- -	
	- -	** 10.78 2/25/1926
	- -	** 10.62 5/31/2004
The Taylor Street Bridge in DeKalb is impassable @ 10.5 **	- -	
Water covers one lane of Taylor Street on the south side **	- -	
of DeKalb. Water approaches apartments near the river	- -	
on Taylor Street. Flooding of Lions park. Some homes	- -	
near river experience flooding @ 10.4	- -	
- -	- -----10----- -	** **FLOOD STAGE 10.0'**
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
- -	- -----9----- -	- -
	+ +++++++++ +	

ELEVATION ZERO: 831.88
NGVD 1929

SOUTH FORK SANGAMON RIVER AT KINCAID, ILLINOIS

USGS GAGE NUMBER: NONE*

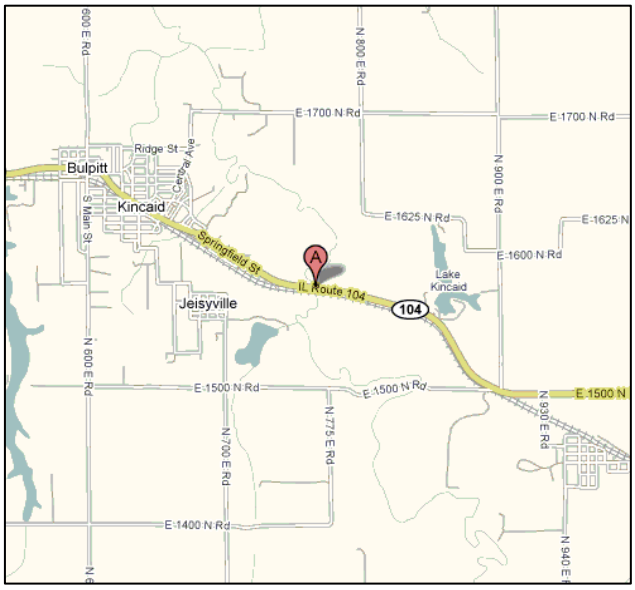
LOCATION: In Christian County, at the bridge on State Highway 104, 1 mile southeast of Kincaid, 5.0 miles upstream from Panther Creek, 5.6 miles upstream from Bear Creek, and at river mile 37.8.

NE 1/4, Sec. 14, Twp. 13N, Rng. 3W

39°34'43"N, 89°23'33"W

Drainage Area = 562 mi^2

* Data regarding flood stages are based upon a operated by the National Weather Service



STAGE

South Fork Sangamon River
Kincaid, IL
KCDI2

NARRATIVE	STAGE	HISTORICAL
	30	** 30.02 6/29/1957
Flood damage begins to residences in Kinkaid ** and to the water works facility @ 29.0	29	
	28	
		** 27.45 4/13/1979
	27	
		** 26.88 6/6/1917
		** 26.7 5/19/1943
		** 26.6 3/15/1922
	26	
		** 25.84 8/2/1958
		** 25.31 10/12/1969
	25	
	24	
Rural damage begins, various township ** roads inundated @ 23.0	23	** **FLOOD STAGE 23.0'**

ELEVATION ZERO: 538.79
NGVD 1929

SOUTH FORK SANGAMON RIVER NEAR ROCHESTER, ILLINOIS

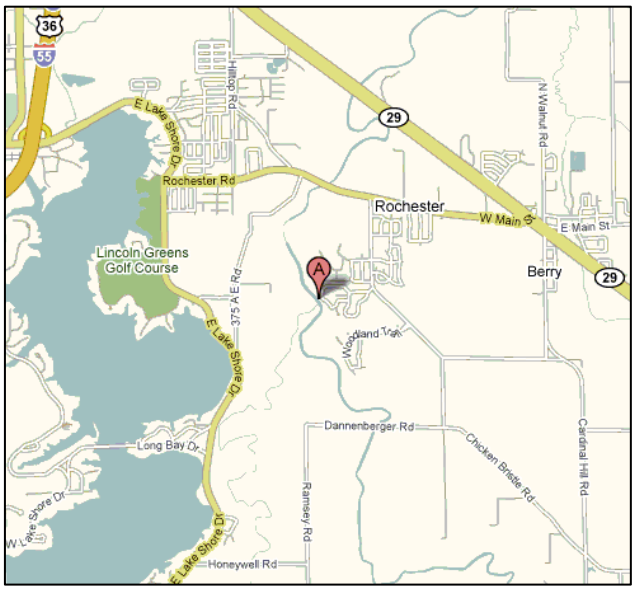
USGS GAGE NUMBER: 05576000

LOCATION: In Sangamon County, on the right bank at the city of Springfield dam, 100 ft. downstream from Horse Creek, 1.7 miles southwest of Rochester, and at river mile 7.4.

NW 1/4, Sec. 20, Twp. 15N, Rng. 4W

39°44'32"N, 89°34'02"W NAD27

Drainage Area = 867 mi^2



STAGE

South Fork Sangamon River
Rochester, IL
ROCI2

NARRATIVE	STAGE	HISTORICAL
	34	
		** 33.59 5/14/2002
		** 32.40 4/14/1994
	32	
		** 31.92 4/14/1979
		** 30.79 2/26/1985
	30	** 30.16 9/18/2008
		** 29.96 6/18/1970
		** 29.13 1/23/1974
		** 28.92 5/11/1996 ; 28.85 9/27/1993
		** 28.71 2/24/1982
	28	
		** 27.50 12/5/1982
		** 27.36 1/2/1991
		** 26.64 6/10/2001
	26	
		** 25.95 5/22/1995
	24	
		** 23.12 5/20/2004
		** 22.9 11/21/1993
	22	
	20	
Agricultural lands begin to flood @ 18.0 **	18	** **FLOOD STAGE 18.0'**

ELEVATION ZERO: 511.30
NGVD 1929

SPOON RIVER AT LONDON MILLS, ILLINOIS

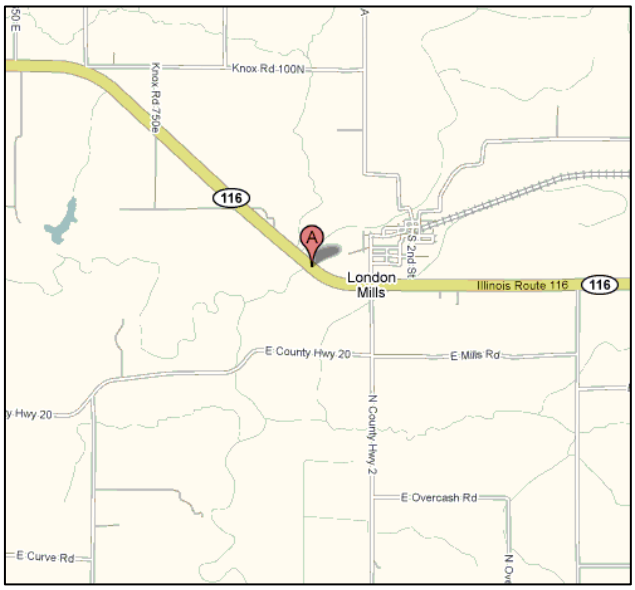
USGS GAGE NUMBER: 05569500

LOCATION: In Fulton County, on the downstream left bank of the bridge on State Highway 116, 0.2 mile downstream from the Chicago and North Western Railroad bridge, 0.5 mile west of London Mills, 0.5 mile upstream from Cedar Creek, 4.0 miles downstream from Littlers Creek, and at river mile 69.2.

NE 1/4, Sec. 4, Twp. 8N, Rng. 2E

40°42'28"N, 90°16'48"W NAD83

Drainage Area = 1,072 mi^2



1993 FLOOD INFORMATION

At London Mills several residences received damage, the water treatment plant was flooded, and a sewage lift station was flooded. Sand was dumped on Main Street to provide a temporary levee to control the rising water. Ill. Rte. 116 was overtopped. A levee south of Ill. Rte 116 failed.

At Ellisville 1 residence was damaged. At Seville the access road nearer the river was overtopped by about 3'.

Spoon River
London Mills, IL
LNMI2

NARRATIVE	STAGE	HISTORICAL
Flood Damage begins to water treatment plant, sewage ** lift station, & more residences in London Mills @ 28.5	28	** 28.03 6/23/1974
		** 27.08 8/26/1924
	26	
		** 25.92 7/25/1993
		** 25.28 5/16/2009
		** 25.15 3/4/1985 ; 25.01 6/5/1970
		** 24.21 5/28/1996 ; 24.36 10/4/1986
IL Rte 116 inundated @ 24.0 **	24	** MAJOR FLOOD STAGE 24.0' (NWS)
		** 23.68 4/4/1983
		** 23.29 5/13/2002 ; 23.20 3/11/2009
		** 22.48 2/22/1997
	22	
		** 21.9 5/29/1995
Flood damage begins to Some ** residents in London Mills @ 21.0		** 21.00 2/10/2001
		** MODERATE FLOOD STAGE 21.0' (NWS)
	20	
		** 19.29 3/18/1998
		** 19.07 2/18/2008
		** 18.72 1/14/2005
	18	
		** 17.95 3/2/2007
	16	
Minor flooding begins to agricultural land @ 15.0 **		** **FLOOD STAGE 15.0'**
Co. Rd 11 3 mi downstream from Dahinda and ** Co Rd 28 North of Williamsfield inundated @ 10.0	14	

ELEVATION ZERO: 508.97
NGVD 1929

SPOON RIVER AT SEVILLE, ILLINOIS

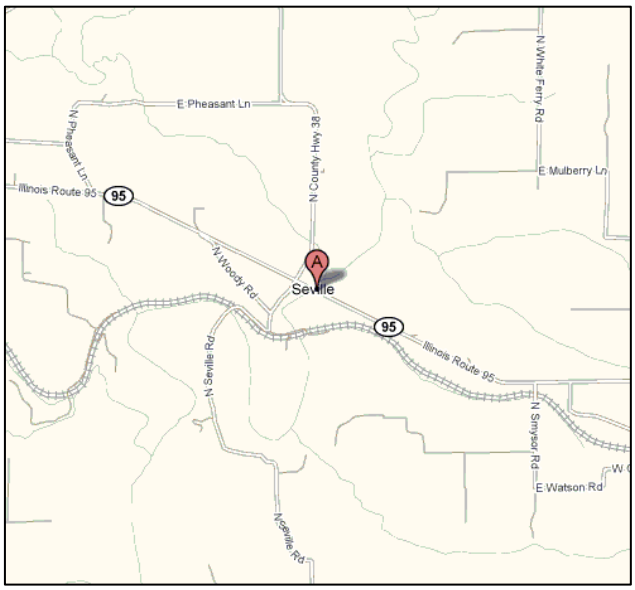
USGS GAGE NUMBER: 05570000

LOCATION: In Fulton County, on downstream left bank of the State Highway 95 bridge, 0.5 mi upstream from the railroad bridge, 0.5 mi northeast of Seville, 0.1 mi downstream from Shaw Creek, and at mile 39.2.

NW 1/4, Sec. 24, Twp. 6N, Rng. 1E

40°29'24"N, 90°20'25"W NAD27

Drainage Area = 1,636 mi^2



2009 FLOOD INFORMATION

In March 2009 a levee near Illinois Routes 24 and 136 breached flooding a large area of agricultural land.

In a second flood event in May 2009 a levee near County Highway 14 breached flooding farmland.

Spoon River
Seville, IL
SEVI2

NARRATIVE	STAGE	HISTORICAL
	34	
		** 33.10 7/26/1993
		** 33.0 1883 (backwater from ice)
	32	
		** 31.82 6/24/1974
		** 30.84 5/17/2009
		** 30.77 8/22/1924
	30	** MAJOR FLOOD STAGE 30.0' (NWS)
		** 29.85 3/6/1985
		** 28.48 5/14/2002
		** 28.31 5/29/1996
	28	** 28.05 3/21/1948
		** 27.83 3/12/2009
		** 27.31 2/24/1997
Damage begins to residences in Bernadette @ 27.0 **		
	26	
		** 25.91 5/30/1995
		** MODERATE FLOOD STAGE 30.0' (NWS)
	24	
Easterly access road to Seville inundated @ 23.0 **		
Water begins to flood agricultural areas @ 22.0 **	22	** **FLOOD STAGE 22.0'**
	20	

ELEVATION ZERO: 467.04
NGVD 1929

THORN CREEK AT THORNTON, ILLINOIS

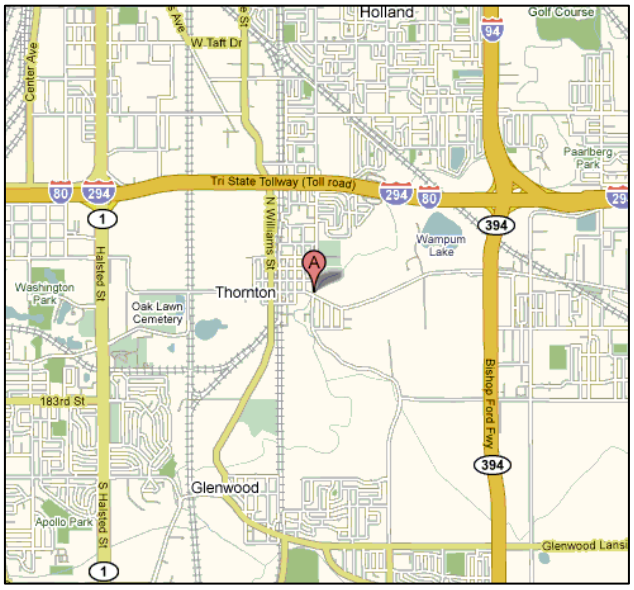
USGS GAGE NUMBER: 05536275

LOCATION: In Cook County, on the downstream right bank of the bridge on Margaret Street in Thornton, 1.0 mile downstream from North Creek, and at river mile 4.2.

NW1/4, Sec. 34, Twp. 36N, Rng. 14E

41°34'06"N, 87°36'28"W NAD27

Drainage Area = 104 mi^2



STAGE

Thorn Creek
Thornton, IL
THNI2

NARRATIVE	STAGE	HISTORICAL
	22	
	20	
	18	
		** 17.06 6/14/1981
		** 16.87 11/28/1990
		** 16.24 7/18/1996 ; 16.0 7/13/1957
	16	** MAJOR FLOOD STAGE 16.0' (NWS)
		** 15.95 12/3/1982
		** 15.63 9/15/2008
		** 15.10 4/17/2006
		** MODERATE FLOOD STAGE 15.0' (NWS)
		** 14.82 6/1/1989
		** 14.74 2/22/1997
Flooding of low areas near creek @ 14.5 **		** 14.54 5/29/1996
		** 14.34 4/5/1947
	14	** 14.06 5/12/2002
		** 12.99 1/13/2005
	12	
		** 11.57 11/19/2003
	10	** **FLOOD STAGE 10.0'**
	8	

ELEVATION ZERO: 586.43
NGVD 1929

VERMILION RIVER AT PONTIAC, ILLINOIS

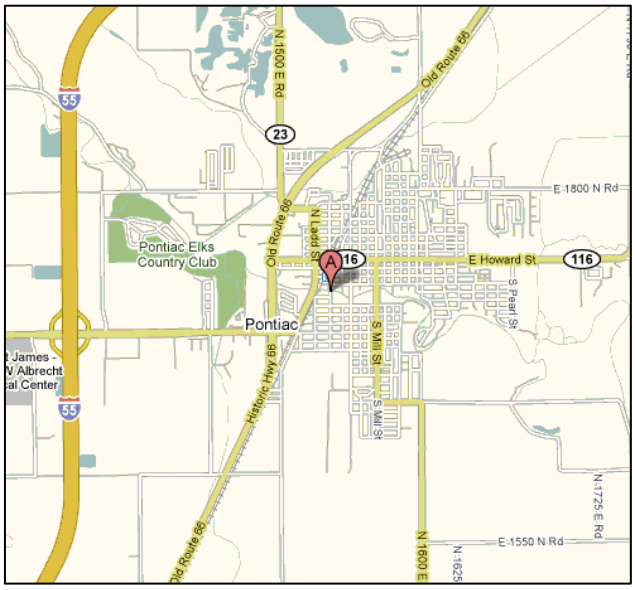
USGS GAGE NUMBER: 05554500

LOCATION: In Livingston County, near the center span on the downstream side of the Vermilion Street bridge in Pontiac, 0.1 mile upstream from State Highway 116, 0.8 mile upstream from Turtle Creek, 1, and at river mile 60.3.

SW 1/4, Sec. 22, Twp. 28N, Rng. 5E

40°52'40"N, 88°38'10"W NAD27

Drainage Area = 579 mi^2



Vermilion River
Pontiac, IL
PNTI2

NARRATIVE	STAGE	HISTORICAL
	20	
		** 19.16 12/4/1982
	19	
January 2008 Flood - 40 residential evacuations, ** 50 trailer park evacuations @ 18.79		** 18.79 1/09/2008
		** 18.12 6/3/1980
More residential flooding in Pontiac occurs. Many farm ** levees overtopped. Widespread agricultural damage @ 18.0	18	** MAJOR FLOOD STAGE 18.0' (NWS)
		** 17.90 7/10/1951
		** 17.46 5/14/1970
		** 17.23 1/14/2005
	17	
		** 16.64 3/12/1990
Water covers old U.S. Rt. 66 @ 16.5 **		** 16.5 3/24/2007
		** 16.35 5/13/2002
		** 16.27 3/5/1979 ; 16.21 1/5/1993
		** 16.19 5/8/1998
Flood damage begins to low lying homes ** on Mill St in Pontiac @ 16.0	16	** 16.07 2/24/1985
		** 15.71 5/29/1996
		** 15.62 12/30/1990
Low lying homes threatened upstream ** on Mill St in Pontiac @ 15.0	15	** MODERATE FLOOD STAGE 15.0' (NWS)
		** 14.94 6/7/2001
Rural flooding begins @ 14.0 **	14	** **FLOOD STAGE 14.0'**
	13	

ELEVATION ZERO: 619.45
NGVD 1929

VERMILION RIVER NEAR LEONORE, ILLINOIS

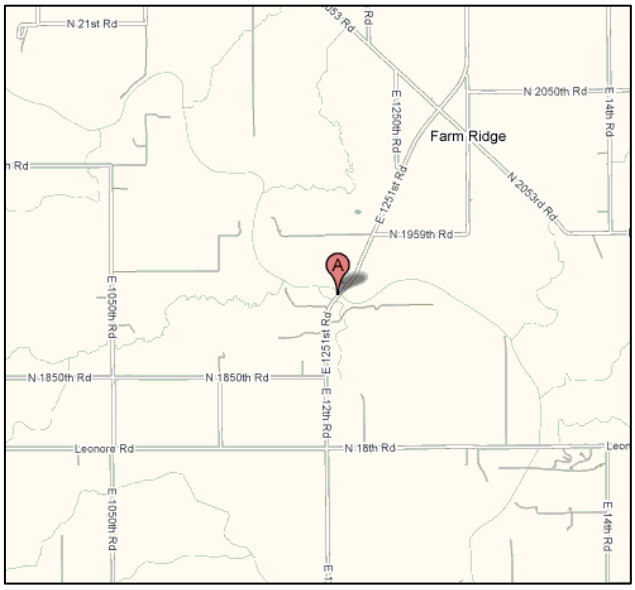
USGS GAGE NUMBER: 05555300

LOCATION: In La Salle County, on the downstream left side of the bridge on county highway 57, 3 miles northeast of Leonore, 6.2 miles downstream from Otter Creek, 8 miles northwest of Streator, and at river mile 17.2.

SW 1/4, Sec. 30, Twp. 32N, Rng. 3E

41°12'30"N, 88°55'51"W NAD27

Drainage Area = 1,251 mi^2



Vermilion River
Leonore, IL
LNRI2

NARRATIVE	STAGE	HISTORICAL
	28	
		** 27.13 12/4/1982
	26	** MAJOR FLOOD STAGE 26.0' (NWS)
		** 25.5 1/9/2008
		** 24.3 9/15/2008
	24	
		** 23.45 5/16/2009
		** 23.17 11/28/1990
		** 22.9 5/13/2002
		** 22.79 1/14/2005
		** 22.50 2/21/1997
		** 22.23 10/5/1986 ; 22.25 6/2/1980
	22	
		** 21.67 3/12/1990
		** 21.02 5/29/1996 ; 21.17 6/6/2001
Large areas of agricultural land under water @ 21.0 **		** MODERATE FLOOD STAGE 21.0' (NWS)
		** 20.92 5/25/1995
	20	
	18	
		** 16.57 6/1/2004
Water begins to flood agricultural areas @ 16.0 **	16	** **FLOOD STAGE 16.0'**
	14	

ELEVATION ZERO: 520.58
NGVD 1929

VERMILION RIVER NEAR DANVILLE, ILLINOIS

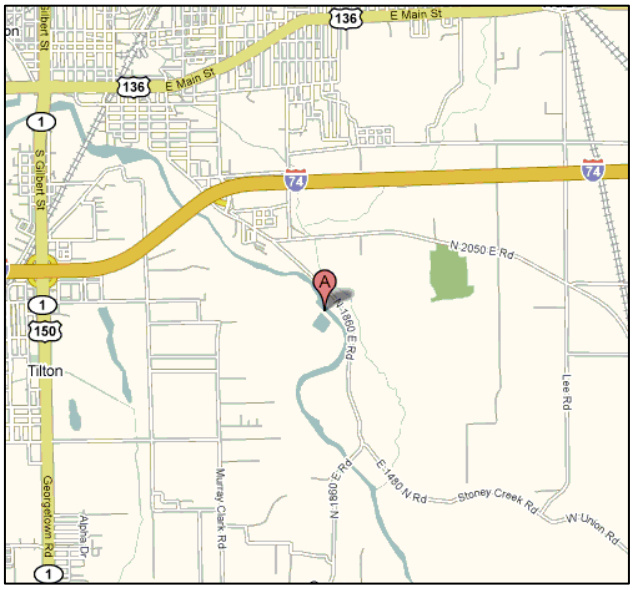
USGS GAGE NUMBER: 03339000

LOCATION: In Vermilion County, on the right bank at the Danville sewage treatment plant, 1.7 miles upstream from Stony Creek, 2.2 miles southeast of Danville, and at river mile 19.5.

NW 1/4, Sec. 22, Twp. 19N, Rng. 11W

40°06'03"N, 87°35'50"W NAD27

Drainage Area = 1,290 mi^2



Vermilion River
Danville, IL
DNVI2

NARRATIVE	STAGE	HISTORICAL
Water overtops the the Danville Sanitary District berm @ 36.7 **	36	
	34	
	32	
		** 31.56 4/13/1994
	30	
		** 28.59 3/13/1939
	28	** MAJOR FLOOD STAGE 28.0' (NWS)
		** 27.09 5/19/1943
		** 26.95 2/11/1959
		** 26.23 2/7/2008
	26	
		** 25.4 12/31/1990
		** 25.11 3/12/1990
		** 24.83 5/3/1983
		** 24.75 2/24/1985
		** 24.20 1/5/1950
	24	
		** 23.82 6/16/98
		** 23.21 1/5/1993
		** 22.69 1/14/2005
	22	** MODERATE FLOOD STAGE 22.0' (NWS)
		** 21.70 6/23/1974
		** 21.36 6/12/2004
	20	
		** 18.58 5/19/1995
Minor flodding begins to some secondary roads and ** agricultural lands not protected by levees @ 18.0	18	** **FLOOD STAGE 18.0'**

ELEVATION ZERO: 503.33
NGVD 1929

WABASH RIVER AT HUTSONVILLE, ILLINOIS

USGS GAGE NUMBER: NONE*

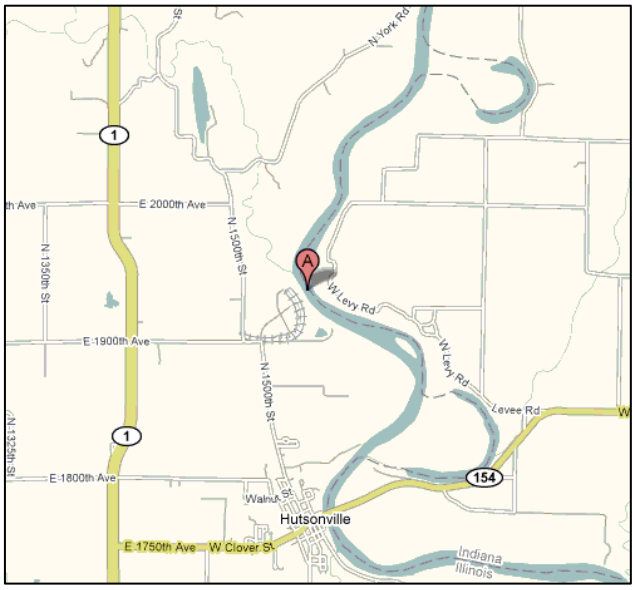
LOCATION: In Crawford County on the right bank at the water intake of the Central Illinois Public Service Co., 2.5 miles north of Hutsonville, and at river mile 174.3.

NW 1/4, Sec. 29, Twp. 8N, Rng. 11W

39°08'03"N, 87°39'29"W

Drainage Area = 12,959 mi^2

* Data regarding flood stages are based upon a gage operated by the National Weather Service.



2008 FLOOD INFORMATION

Flooding from the June event impacted twenty structures, one business and there were four evacuations. Six homes were considered substantially damaged.

NARRATIVE	STAGE	HISTORICAL
	Wabash River Hutsonville, IL HUTI2	
	+ +++++++++ +	
	- -----30----- -	
	- -	** 29.8 3/30/1913
	- -	
	- -	** 29.45 1/17/2005
	- -	** 29.3 6/17/1958
	- -	
	- -	
	- -	** 28.7 3/1/1985 ; 28.6 5/22/1943
	- -	** 28.4 6/10/2008 ; 1/9/1950
	- -	
All river roads are impassable. More evacuations are **	- -----28----- -	** MAJOR FLOOD STAGE 28.0' (NWS) ; 28.0 1/4/1991
necessary in Hutsonville, Darwin, & York. Water is at	- -	** 27.9 2/16/1959
the top of most agricultural levees @ 28.0	- -	
	- -	
	- -	
Flooding affects the south and northeast residential **	- -	** 27.0 3/17/1939 ; 1/17/1930
areas of Hutsonville. River Rd is impassable @ 27.0	- -	
	- -	
	- -	** 26.5 2/12/2008 ; 4/18/1994
	- -	
A few evacuations are necessary in **	- -----26----- -	- -
Hutsonville,York & Darwin @ 26.0	- -	** 25.8 6/19/1998 ; 25.9 7/17/2003
	- -	
	- -	** 25.3 5/16/02
	- -	
	- -	
	- -	
	- -	** 24.5 1/29/1999 ; 6/20/2004
Rural roads in Eastern Clark & Crawford Co are impassible.	- -	** 24.4 3/5/1997 ; 1/20/2007
Water surrounds residential areas in Hutsonville and York.	- -	
Flood is at critical stage for most levees @ 24.0 **	- -----24----- -	- -
Ball field in Hutsonville is flooded @ 23.8 **	- -	
	- -	
Extensive backwater flooding along Hutson Creek affects	- -	
residential property in Hutsonville. Rv's and campers south of	- -	
Hutsonville moved to higher ground @ 22.9 **	- -	
River Rd between Hutsonville & Palestine begins to flood @ 22.8 **	- -	** 22.8 5/15/1996 ; 22.9 2/18/2009
	- -	
	- -	
	- -	
Basement flooding begins in Hutsonville. River cabins **	- -----22----- -	** MODERATE FLOOD STAGE 22.0' (NWS)
become isolated. Extensive agricultural flooding. Higher	- -	
rural roads in Clark & Crawford counties flood @ 22.0	- -	
	- -	
	- -	** 21.2 10/25/2001
	- -	
	- -	
	- -	
	- -	
	- -	** 20.1 5/23/1995
Park in Hutsonville begins to flood. Several County **	- -----20----- -	- -
& township roads east of the Lincoln Heritage Trail	- -	
between Palestine and Hutsonville are impassible.	- -	
Seep water is noticable behind levees @ 20.0	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Hutson Creek begins to overflow from backwater. **	- -----18----- -	- -
Old Darwin Road and a few rural roads impassable @ 18.0	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
	- -	
Old Darwin Road and a few low rural roads between **	- -	
York and Hutsonville begin to flood @ 16.4	- -	
	- -----16----- -	** **FLOOD STAGE 16.0'**
	+ +++++++++ +	
		ELEVATION ZERO: 420.00 NGVD 1929

WABASH RIVER AT RIVERTON, INDIANA

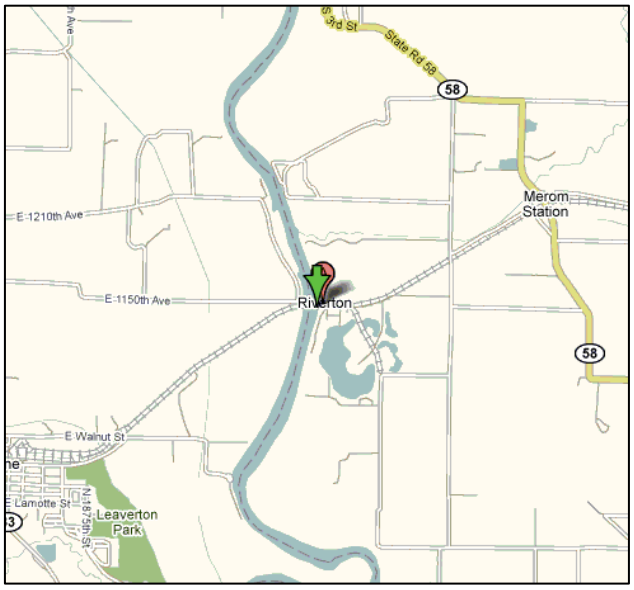
USGS GAGE NUMBER: 03342000

LOCATION: In Sullivan County, Indiana on the left at the downstream side of the Illinois Central Railroad bridge at Riverton, 0.5 miles downstream from Turtle Creek and at river mile 162.0

SW 1/4, Sec. 30, Twp. 7N, Rng. 10W

39°01'13"N, 87°34'07"W NAD27

Drainage Area = 13,161 mi^2



STAGE

Wabash River
Riverton, IN

NARRATIVE	STAGE	HISTORICAL
	30	
		** 29.36 5/21/1943
The top of all levees is reached. Illinois 33 about 2 miles south of Heathsville, IL begins to flood @ 28.0 **	28	
		** 26.56 6/10/2008
		** 26.40 3/28/1913
		** 26.24 1/18/2005
	26	
		** 25.83 6/18/1958
IL Rte 154 between Hutsonville and Graysville is closed @ 25.5 **		
		** 25.20 1/18/1950
		** 24.46 3/1/1985
		** 24.16 2/12/2008
Most levees are at critical levels. Residences in eastern Palestine and along East River Rd affected. Some evacuations are necessary @ 24.0 **	24	** MAJOR FLOOD STAGE 24.0' (NWS)
		** 23.61 7/17/2003
		** 22.39 1/21/2007
		** 22.29 6/21/2004
	22	
		** 20.91 2/18/2009
Backwater flooding of Minnow Slough, Sugar Creek and Lamotte Creek in Palestine area @ 20.7 **		
Higher rural roads begin to flood @ 20.0 **	20	** MODERATE FLOOD STAGE 20.0' (NWS)
Seep water develops behind levees @ 18.5 **		
		** 18.47 12/8/2006
Extensive lowland flooding is in progress. High water surrounds many river cabins. Access to most river cabins is by boat only. Extensive flooding of Leaverton Park in Palestine, Illinois @ 18.0 **	18	
A few rural roads in Crawford County close as water backs up Minnow slough. High water affects campground at Leaverton Park in Palestine. Water level is at the top of most makeshift levees @ 16.0 **	16	** **FLOOD STAGE 15.0'**
Lowest agricultural lands and roads begin to flood @ 14.0 **	14	

ELEVATION ZERO: 414.65
NGVD 1929

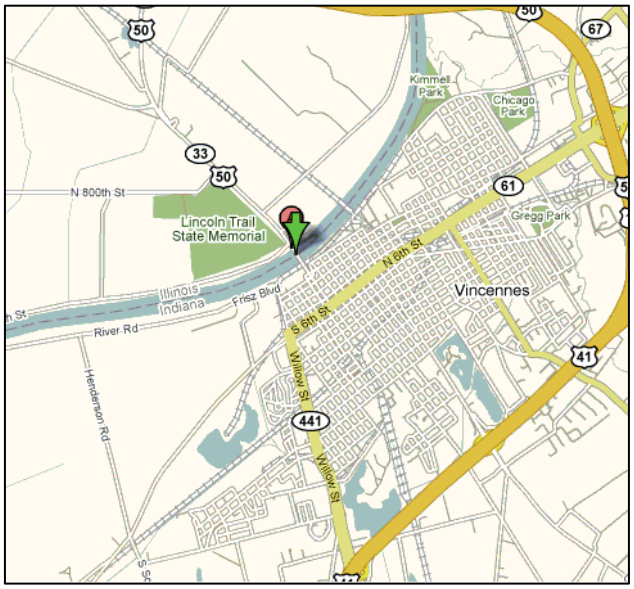
WABASH RIVER AT VINCENNES, INDIANA

USGS GAGE NUMBER: 03343010

LOCATION: In Knox County, Indiana, at the Lincoln Memorial Bridge, 5.7 miles upstream of the Embarras River, and at river mile 127.8.

38°40'53"N, 87°32'07"W NAD27

Drainage Area = 13,732 mi^2



2008 FLOOD INFORMATION

During the June flood event, three levees in Lawrence County failed affecting 200 homes and causing flood damage to 70. US Business 50 and O'Neal airport just northwest of the Lincoln Memorial Bridge flooded extensively. The Russell Allison levee failed at a stage of 27.5' affecting up to 25,000 acres of farmland south of US 50.. The other levees were located on the Embarras River. Failure of those two affected an additional 20,000 acres.

STAGE

Wabash River
Vincennes, IN

NARRATIVE	STAGE	HISTORICAL
	30	
		** 29.33 5/22/1943
		** 29.04 1/18/1950
Levees overtop in Lawrence county @ 28.0 **	28	** MAJOR FLOOD STAGE 28.0' (NWS)
St. Francesville access limited to one location @ 27.5 **		** 27.50 6/10/2008
		** 27.25 3/2/1985
		** 27.15 1/18/2005
		** 26.5 1/6/1991
		** 26.3 3/29/1913
	26	
		** 25.45 5/17/2002
Water level is at the critical stage for ** the England Pond levee @ 25.0		
Backwater for the Wabash River causes agricultural flood- ing along the Embarras River in Lawrence County, IL @ 24.3 **		
Water level is at the critical stage for portions ** of the Russell-Allison levee @ 24.0	24	** 24.0 2/13/2008
		** 22.55 7/18/2003 ; 1/21/2007
	22	
Extensive agricultural flooding in areas ** not protected by levees @ 21.0		
		** 20.45 6/22/2004 ; 20.42 2/18/2009
	20	** MODERATE FLOOD STAGE 20.0' (NWS)
	18	
River Rd from Lincoln Memorial bride to Billett Rd ** is impassable. Seep water behind levees from Russellville to US Hwy 50 @ 17.0		
Agricultural lands near St. Francisville, IL flood @ 16.0 **	16	** **FLOOD STAGE 16.0'**
	14	

ELEVATION ZERO: 394.43
NGVD 1929

WABASH RIVER AT MOUNT CARMEL, ILLINOIS

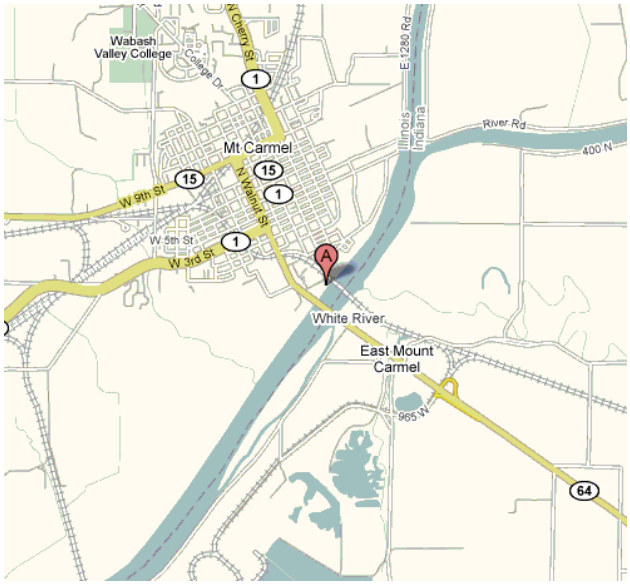
USGS GAGE NUMBER: 03377500

LOCATION: In Wabash County, on the downstream right bank of the Southern Railway bridge at Mount Carmel, 0.2 miles downstream from Patoka River, and at river mile 94.4.

NW 1/4, Sec. 28, Twp. 1S, Rng. 12W

38°24'07"N, 87°45'10"W NAD27

Drainage Area = 28,635 mi^2



STAGE

Wabash River
Mt. Carmel, IL
MCRI2

NARRATIVE	STAGE	HISTORICAL
	+ +++++++++ +	
Overtop Mt. Carmel levee @ 38.0 **	-----34-----	** 33.95 1/13/2005
Overtop levee unit #5 @ 35.0 **		** 33.24 6/14/2008
		** 33.00 3/30/1913
		** 32.35 5/17/2002
	-----32-----	** MAJOR FLOOD STAGE 32.0' (NWS)
		** 31.75 1/7/1991
		** 30.68 5/12/1996
		** 30.43 5/23/1990
Flooding on the northern outskirts of Mt. Carmel. **	-----30-----	** 30.37 11/22/1993 ; 3/3/1985
Backwater effect on Bon Pas Creek @ 30.0		
		** 29.72 3/27/2008
		** 29.20 5/10/1983 ; 29.29 1/22/2007
		** 29.06 3/11/1979 ; 29.12 1/29/1999
		** 28.94 3/18/2006
Some residents along South Division St in Mt. Carmel **		
and in the Keensburg area must relocate @ 28.5		
Critical Stage of the Rochester-Mcleary Bluff levee. Most **	-----28-----	** 28.14 1/12/2004
roads along or near the river are impassable @ 28.0		
		** 27.44 5/24/1995
		** 27.09 3/7/1997
		** 26.38 5/14/1961
- -	-----26-----	- -
		** MODERATE FLOOD STAGE 25.0' (NWS)
Mt. Carmel installs flood gate A @ 24.0 **	-----24-----	- -
Extensive lowland flooding, South Division St and **		
1.5 miles of County Rd 1280 E are flooded @ 23.9		
- -	-----22-----	- -
River Rd in Mt. Carmel area and a **		
few local river roads flood @ 21.0		
Agricultural flooding increases extensively. All oil **	-----20-----	- -
field production ceases with the exception of units on		
substructures, access by boat only @ 20.0		
		** **FLOOD STAGE 19.0'**
Pumping started at Mt. Carmel @ 18.4 **		
Agricultural flooding, river cabins become inaccessible. **	-----18-----	- -
Most Oil production stops @ 18.0	+ +++++++++ +	

ELEVATION ZERO: 369.46
NGVD 1929

WABASH RIVER AT NEW HARMONY, INDIANA

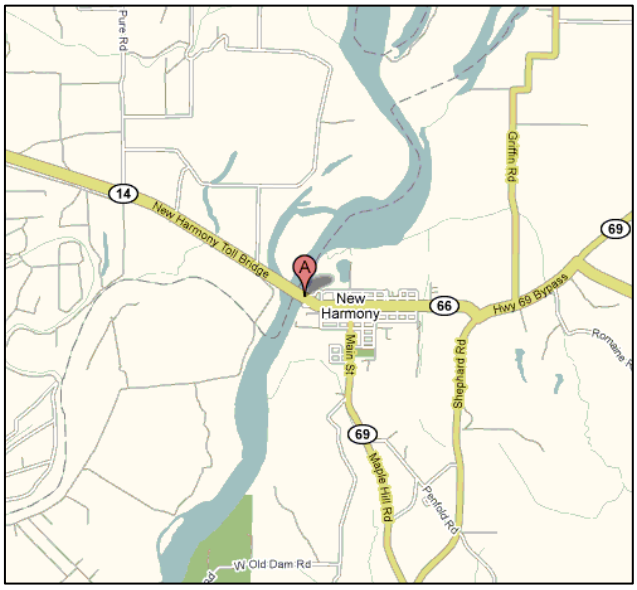
USGS GAGE NUMBER: 03378500

LOCATION: In Posey County, Indiana on the downstream side of the concrete pier at the bridge on State Road 66 at New Harmony, at Indiana-Illinois State line, and at river mile 53.1.

SE 1/4, Sec. 35, Twp. 4S, Rng. 14W

38°07'51"N, 87°56'29"W NAD27

Drainage Area = 29,234 mi^2



2008 FLOOD INFORMATION

In Graysville during the June event, the water chemical building, the water wells building, access road to the public wells, and public facilities at the city boat ramp all flooded.

STAGE

Wabash River
New Harmony, Indiana
NHRI3

NARRATIVE	STAGE	HISTORICAL
	28	
		** 27.70 3/31/1913
	26	
		** 24.4 1/23/1937
	24	
		** 23.84 5/26/1943
		** 23.4 1/14/1950
		** 23.14 1/14/2005
		** MAJOR FLOOD STAGE 23.0' (NWS)
		** 22.45 6/15/2008
		** 22.2 5/15/1961
	22	
		** 21.6 1/08/1991
		** 21.2 11/23/1993
Water overtops the Wabash District #1 levee @ 21.0 **		** 20.9 5/07/1996
	20	** MODERATE FLOOD STAGE 20.0' (NWS)
		** 19.9 3/12/1979
		** 19.48 1/13/2004
		** 19.31 5/26/1995
All bottomland inundated @ 19.0 **		** 18.96 3/9/1997
60% of bottoms covered in area of ** Granny Tweedle levee @ 18.0	18	
	16	
Low ground inundated @ 15.0 **		** **FLOOD STAGE 15.0'**
	14	

ELEVATION ZERO: 353.20
NGVD 1929

WEST BRANCH DUPAGE RIVER NEAR WEST CHICAGO, ILLINOIS

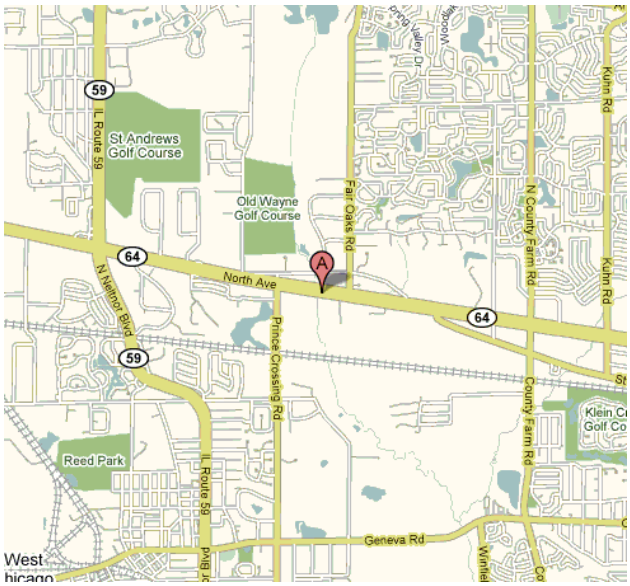
USGS GAGE NUMBER: 05539900

LOCATION: In DuPage County, on the downstream left bank of the bridge on State Highway 64, 2 mile northeast of West Chicago, and at river mile 49.2.

NW 1/4, Sec. 35, Twp. 40N, Rng. 90E

41°54'39"N, 88°10'44"W NAD27

Drainage Area = 28.5 mi^2



STAGE West Branch DuPage River
West Chicago, IL

NARRATIVE	STAGE	HISTORICAL
	13	
		** 12.22 9/13/2008
	12	
	11	
		** 10.91 10/14/2001
		** 10.78 2/21/1997
		** 10.63 8/14/1987
		** 10.44 12/3/1982
		** 10.36 6/10/1967 ; 10.35 8/24/2007
		** 10.2 3/19/1979
	10	** 10.09 6/24/1994
		** 9.95 8/26/1972
		** 9.30 4/27/1995 ; 9.32 4/23/1999
		** 9.09 4/19/1975
Residential flood damage begins just north of Beecher St in Winfield @ 9.0 **	9	
		** 8.81 11/11/1996
		** 8.65 9/23/2006
		** 8.26 5/31/2004
	8	
Residential flood damage begins just upstream of Warrenville Road @ 7.0 **	7	** **FLOOD STAGE 7.0'**
	6	

ELEVATION ZERO: 717.76
NGVD 1929

WEST BRANCH DUPAGE RIVER NEAR WARRENVILLE, ILLINOIS

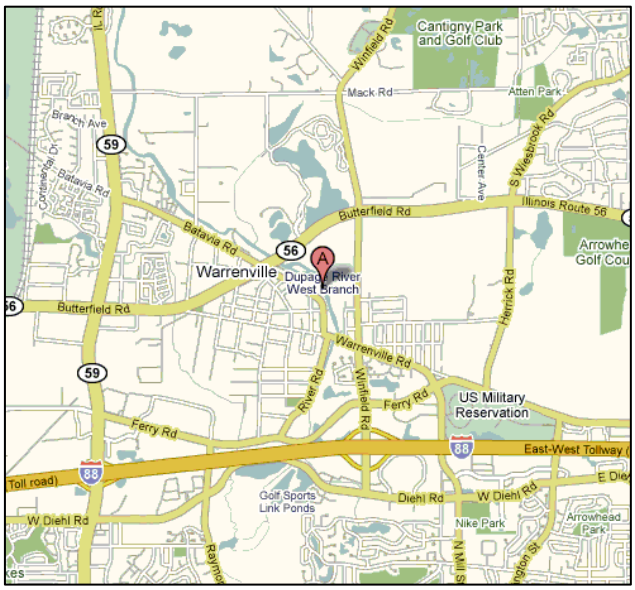
USGS GAGE NUMBER: 05540095

LOCATION: In Du Page County, on the right bank 400 ft. upstream from Warrenville Forest Preserve Dam in Warrenville, 0.6 mile downstream from Spring Brook, and at river mile 38.9.

NE 1/4, Sec. 35, Twp. 39N, Rng. 9E

41°49'21"N, 88°10'24"W NAD27

Drainage Area = 90.4 mi^2



STAGE West Branch DuPage River
Warrenville, IL

NARRATIVE	STAGE	HISTORICAL
	8	** 8.05 9/14/2008
	7	
		** 6.41 7/18/1996
	6	
		** 5.85 8/15/1987
		** 5.54 10/11/1954
		** 5.43 2/22/1997
	5	
		** 4.88 12/3/1982
		** 4.79 10/14/2001
		** 4.34 8/24/2007
	4	** 4.09 4/21/2000
		** 3.69 5/31/2004
	3	
	2	
	1	

ELEVATION ZERO: 688.59
NGVD 1929

WEST BRANCH DUPAGE RIVER NEAR NAPERVILLE ILLINOIS- Fawell Dam

USGS GAGE NUMBER: NONE*

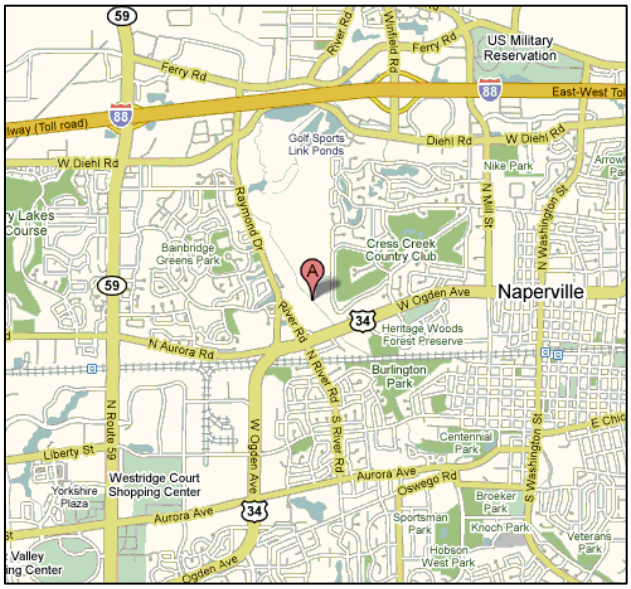
LOCATION: In Du Page County, at Fawell Dam, approximately 0.3 miles upstream of Ogden Ave. and at river mile 35.8.

SW 1/4, Sec. 11, Twp. 38N, Rng. 9E

41°47'06"N, 88°10'43"W

Drainage Area = 107 mi^2

Data regarding flood stages are based upon a gage operated by the IDNR/Office of Water Resources at this station.



STAGE West Branch DuPage River
Fawell Dam -- Naperville, IL

NARRATIVE	STAGE	HISTORICAL
	16	
		** 15.70 8/27/1987
	15	
		** 14.20 12/3/1982
	14	
		** 13.72 7/18/1996
		** 13.70 2/20/1979
	13	
	12	** 12.00 2/14/1984
	11	
		** 10.98 2/22/1997
		** 10.34 11/20/1985
	10	
	9	

ELEVATION ZERO: 672.00

WEST BRANCH DUPAGE RIVER NEAR NAPERVILLE, ILLINOIS

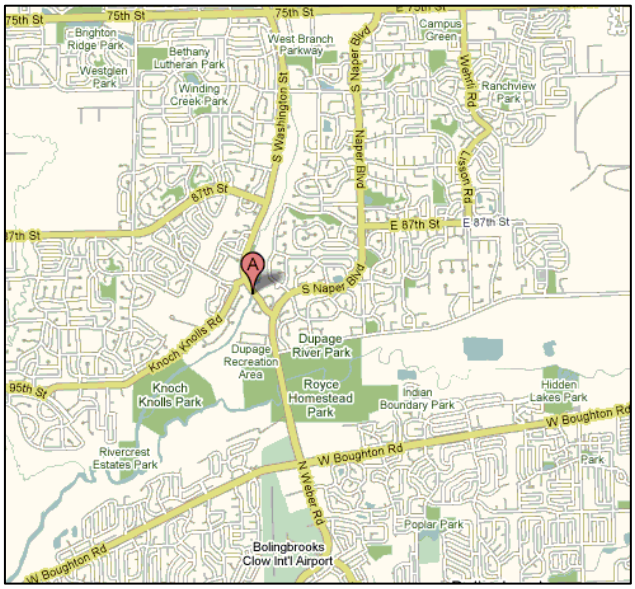
USGS GAGE NUMBER: 05540130

LOCATION: In Du Page County, on the downstream side of the bridge on Washington Street, 3.5 miles southeast of Naperville, and at river mile 29.3

NE 1/4, Sec. 6, Twp. 37N, Rng. 10E

41°43'14"N, 88°07'55"W NAD83

Drainage Area = 123 mi^2



STAGE

West Branch DuPage River
Naperville, IL
NPVI2

NARRATIVE	STAGE	HISTORICAL
	16	
	15	
		** 14.31 7/18/1996
	14	
	13	
	12	** 12.06 9/14/2008
	11	
		** 10.98 2/22/1997
		** 10.7 10/13/2001
	10	
		** 9.92 2/19/1994
		** 9.76 5/10/1990
		** 9.41 4/21/2000
	9	** 8.78 6/12/2004

ELEVATION ZERO: 630.00
NGVD 1929