

APPENDIX 4

Historical Flood Stages

Record High Stages For Mississippi River at Lock and Dam 14 (LeClaire,IA)	
Stage	Date
13.60	10/07/1986
13.62	03/26/1973
13.74	04/28/1951
14.01	04/28/1952
14.03	05/08/1975
14.60	04/26/1969
14.61	04/19/1997
14.84	06/16/2008
16.56	07/08/1993
16.93	04/24/2001
17.75	04/28/1965

Mississippi River Flood Impact Based on LeClaire, IA.

Flood Stage = 11'

- 19.0 Water reaches the bottom of the access bridge to Campbell's Island. Water affects North Main Street in Port Byron...affecting many businesses. Water affects 1st Avenue and affects several houses in Hampton.
- 17.5 Water affects the bridge approach on island side on Campbell's Island.
- 17.3 Water affects the Buffalo Bill Museum in Le Claire. Water is also on the railroad tracks.
- 17.0 Water affects South Main Street in Port Byron. Most homes are in the water on Campbell's Island.
- 16.5 Water affects some homes on Canal Shore Drive south of Le Claire.

- 16.0 Water affects residences in Port Byron and Rapids City. Water is also on the railroad tracks in Port Byron. Water damages nearly all buildings on Campbell's Island.
- 15.5 Water affects commercial buildings along the Le Claire riverfront.
- 15.0 Water affects U.S. Highway 67 at Byron Street in Le Claire. Water also affects much of Canal Shore Drive. Water is over the Campbell's Island access road and most buildings on the island are in water. Water affects the playground at Hampton River Park in Hampton. Water affects homes on River Drive in Princeton.
- 14.8 Water affects the Dry Stack Marina facilities in Le Claire.
- 14.5 In Port Byron...water affects commercial buildings facing the river. In Le Claire...water affects the lowest section of Canal Shore Drive south of town. Most of First Street is under water in Rapids City. Water affects the lowest portions of 1st Avenue in Hampton.
- 14.0 Water affects riverside parking lots in Port Byron and Le Claire. Water affects Canal Shore Drive in Le Claire. Water is at the foundations of a few houses at the downstream end of Hampton.
- 13.7 Water affects East Harbor Drive in Bettendorf.
- 13.5 Water affects First Street in Rapids City.
- 13.4 Water affects Princeton River Drive.
- 13.0 Water affects Riverside Park in Le Claire.
- 12.5 Water affects the lowest residences at the upstream end of town in Hampton.
- 12.2 Water affects 182nd Street in Pleasant Valley.
- 12.0 Water affects the lowest houses along the Princeton river front. Water affects several local roads on Campbells Island and is at the foundations of a few homes. In Pleasant Valley...water is at the bases of or in many houses along the river.
- 11.4 Water affects 245th Avenue in Pleasant Valley.
- 11.0 Water affects the lowest roads and into some back yards on Campbells Island. In Pleasant Valley...Water affects 179th Street and at the bases of a few homes along the river. In Cordova...water affects the lowest homes along the river.
- 10.5 Water affects 178th Street in Pleasant Valley.
- 10.0 Water affects low areas in Pleasant Valley.

Record High Stages For Mississippi River at Lock and Dam 15 (Rock Island,IL)	
Stage	Date
19.00	02/22/1966
19.16	05/09/1975
19.22	10/07/1986
19.30	04/26/1969
19.40	06/17/1892
19.66	04/20/1997
21.49	06/16/2008
22.00	03/10/1868
22.33	04/25/2001
22.48	04/28/1965
22.63	07/09/1993

Mississippi River Flood Impact Based on Rock Island, IL.

Flood Stage = 15'

- 29.0 Water reaches the top of the flood walls and levees in Bettendorf...Rock Island and East Moline.
- 27.5 Water affects Moline's water treatment plant.
- 27.0 Water reaches the bottom of the Arsenal Bridge deck.
- 26.0 Water reaches the top of the lowest section of the flood wall at Leach Park in Bettendorf.
- 25.7 Water affects many residences and businesses in the vicinity of State Street and 8th Street in Bettendorf.
- 25.0 Water reaches the top of the lowest section of Rock Islands flood wall in the District.
- 24.0 Water affects the main concourse of the Quad City Sports Center. In Riverdale...water is at floor level in the ALCOA plant.
- 23.6 Water affects ramps at the bus station in Davenport.
- 23.0 Water is over Davenports River Drive from South Concord to Tremont. In Moline...water affects The Mark parking lot. Water also affects Rock

Islands Centennial Expressway in unprotected areas.

- 22.7 Water is at the base of the south employee entrance of the Quad City Times building.
- 22.5 Water affects Davenports Rockingham Road and 2nd Street from Division to Gaines...from Pershing to Le Claire and 3rd Street from Fillmore to Warren.
- 22.0 Water affects River Drive at the Village of East Davenport. Water is over the seawall at Lindsay Park and Lake Davenport Marinas. Water affects the Davenport approach for the Centennial Bridge. Water affects 3rd Avenue at the John Deere Commons in Moline.
- 21.5 Water affects the Rock Island Arsenal bridge. Bettendorf's Leach Park is underwater.
- 21.0 Water affects the street at Davenports 2nd Street Post Office main entrance and Marquis Harbor Marina in Moline. In Bettendorf...water affects River Drive between 6th and 8th Streets.
- 20.5 Water is at the foundations of Davenports Union Station and the freight house building.
- 20.0 Water affects the Quad Cities Sports Center parking lot. Water is over the top of the jetty at Lindsay Park Yacht Club. Water affects buildings at Sunset Marina in Rock Island and Molines River Drive from the 2300 to 5500 block.
- 19.5 Water is at field level at Modern Woodmen Park. Water affects the Quad City Times parking lot and Bettendorfs River Drive between 6th and 8th Streets.
- 19.0 Water affects Rock Islands Sunset Marina parking lot and River Drive in Moline from the 2700 to 4800 block. Davenports Le Claire Park is entirely underwater. Water affects most of River Drive from Division to Federal. Water is also at the base of the loading docks of the 2nd Street Post Office.
- 18.5 Water surrounds Modern Woodmen Park.
- 18.0 Water affects sections of River Drive in downtown Davenport from Gaines Street to 4th Street. Water affects 2nd Street at Iowa. Most of Le Claire Park is under water. Water affects Credit Island.
- 17.5 Water affects the railroad tracks in downtown Davenport and River Drive...Pershing Avenue and Federal Street. Water affects Bettendorfs Leach Park.

- 17.0 Water is over most of Davenports Le Claire Park and lower parking lots.
- 16.5 Water affects Credit Island Lane in Davenport and the 4700 block of River Drive in Moline. Water is at the base of the flood wall gates at the downtown Rock Island riverfront.
- 16.0 Water affects sidewalks along the river at Le Claire Park. Water also affects Credit Island Lane and Molines River Drive in the 4700 block.
- 15.5 Water affects Le Claire Park.
- 15.0 Water affects several sections of South Concord Street south of River Drive in Davenport and is at the foundations of several homes on Enchanted Island. Water also affects industries along the river at the south end of Davenport.
- 14.0 Water affects a few sections of South Concord Street south of River Drive in Davenport and affects yards and outbuildings on Enchanted Island. Water is also in some houses along South Concord Street south of River Drive.
- 13.5 Water affects the lowest section of South Concord Street south of River Drive in Davenport and affects other sections in the same area. Water affects the lowest sections of the Enchanted Island causeway.
- 13.0 Water affects the lowest sections of both South Concord Street south of River Drive and onto the Enchanted Island causeway in Davenport. Water also surrounds some houses along South Concord Street south of River Drive.

Record High Stages For Mississippi River at Lock and Dam 16 (Illinois City, IL)	
Stage	Date
19.36	10/07/1986
19.43	04/28/1951
19.45	05/09/1975
19.50	04/28/1952
19.57	04/20/1997
19.69	04/26/1969
20.05	04/25/1973
22.41	04/25/2001
22.96	06/17/2008
23.27	04/27/1965
24.10	07/09/1993

Mississippi River Flood Impact Based on Illinois City, IL.

Flood Stage = 15'

- 29.0 Water reaches the top of the Milan levee.
- 24.5 Water reaches the top of the Andalusia levee.
- 22.5 Water affects the entire state park at Fairport and is at the foundations of facilities there.
- 21.5 Water affects the Post Office and several commercial buildings in Buffalo.
- 20.5 Water affects Front Street and several homes in Buffalo. Water also affects the fish hatchery at Fairport.
- 20.0 Water affects Buffalos Front Street at Franklin and on Iowa Highway 22 west of town. Water affects Illinois Highway 92 west of Andalusia.
- 19.5 Water affects Buffalos Franklin Street and into some yards from seepage. At Buffalo Shores...water is at the foundations of several homes.
- 19.0 Water affects the Clarks Ferry Recreational Area at Montpelier.
- 18.5 Water floods Andalusia's Second Street in the unprotected area.

Water is also at the foundations of several homes in Midway Beach.

18.0 Water affects the state park campground at Fairport.

17.0 Water affects the Buffalo Shores Access Area.

16.0 Water affects the park at Andalusia.

13.0 Water affects residents on Smiths Island.

Record High Stages For Mississippi River at Muscatine, IA	
Stage	Date
20.96	05/09/1975
21.00	04/29/1951
21.05	04/28/1952
21.09	04/20/1997
21.20	04/26/1969
21.29	04/25/1993
21.63	04/25/1973
23.50	04/25/2001
24.42	06/17/2008
24.81	04/29/1965
25.61	07/09/1993

Record High Stages For Rock River near Joslin, IL	
Stage	Date
17.31	06/06/2008
17.69	02/23/1971
17.74	04/23/1973
17.81	03/22/1979
18.01	02/22/1994
18.02	02/27/2001
18.35	03/26/1993
18.55	06/16/2000
18.73	05/31/1996
18.88	02/23/1997
19.24	06/07/2002

Rock River Flood Impact Based on Joslin, IL.

Flood Stage = 12'

- 21.0 Water affects most of Hillsdale and much of Erie. Water also reaches the bottom of the Illinois Highway 92 bridge at Joslin.
- 20.0 Water affects several homes in Erie and affects the railroad tracks east of town.
- 19.5 Water affects much of Barstow Road between Barstow and Illinois Highway 5.
- 19.2 Water affects Barstow Road between Barstow and Illinois Highway 5.
- 19.0 Water affects several homes in Hillsdale on Docia Street and on the county road south of town. Water also affects most houses in Osborn.
- 18.5 Water affects the lowest sections of Moline Road east of Erie...as well as River Road.
- 18.4 Water affects Osborn Road at Osborn.
- 18.3 Water affects the railroad tracks near Osborn.
- 18.0 Water reaches the top of the Zuma Creek levee upstream of Barstow. Water also affects a few homes in Erie and Moline Road east of town. Water affects a few homes on Docia Street in Hillsdale and on the

county road south of town. Water also affects a few homes in Shady Beach.

- 17.7 Water affects the railroad tracks south of Prophetstown.
- 17.5 Water is across Broadway at Jackson Street in Cleveland.
- 16.5 Water affects the lowest sections of Broadway and Main Street in Cleveland and affects a few homes.
- 16.0 Water affects much of Barstow Road between Barstow and Osborn. Water also affects homes in Osborn.
- 15.0 Water affects residences in the Thompson addition.
- 14.0 Water affects residences in outlying areas immediately along the river...including basements...yards...driveways and access roads.
- 13.7 Water affects Barstow Road between Barstow and Osborn.
- 13.0 Flooding of unprotected agricultural land occurs. Water also affects Lundeens Landing Campground.
- 12.5 Water affects some summer cottages along the river.
- 12.0 Water affects low lying agricultural land.

Record High Stages For Rock River at Moline, IL	
Stage	Date
14.93	06/12/1993
15.01	06/17/2000
15.10	03/24/1979
15.20	02/24/1971
15.25	05/31/1996
15.31	02/24/1997
15.70	05/21/1974
15.79	06/07/2002
16.15	04/26/1973
16.38	03/06/2008

Rock River Flood Impact Based on Moline, IL.

Flood Stage = 12'

- 17.5 The Sears Dam is under water in Rock Island.
- 15.5 Water affects the intersection of Highways 150 and 6. Steel Dam is under water in Milan.
- 15.2 Water affects the lowest streets on Vandruff's Island.
- 15.0 Water affects business parking lots on 52nd Avenue in Moline. Water also affects most homes on South Shore Drive and North Shore Drive.
- 14.0 Water affects South Shore Drive and North Shore Drive in Moline west of the 27th Street bridge. Water limits access to homes on South Shore Drive east of the I-74 bridge. Water also affects portions of 60th Street south of John Deere Road.
- 13.8 Water affects 49th Avenue in Moline.
- 13.5 Water affects 60th Street south of John Deere Road in Moline and Green Valley Park. Water is also on Canal Road on Big Island.
- 13.0 Water affects homes on South Shore Drive in Moline and cuts off access to homes east of the I-74 bridge. Water affects Vandruff's Island in Rock Island and 7th Street in Coal Valley.
- 12.5 Water affects residences in the Friendship Farm area.
- 12.0 Water affects residences near the 27th Street bridge.

11.0 Water affects agricultural land upstream from Moline.

APPENDIX 5

Pump Inventory in Rock Island County

Jurisdiction	3" Pump	4" Pump	6" Pump	Other
Rock Island City				
Moline				
East Moline				
Milan PW	14	3	1	
Andalusia				
Coal Valley	1			
Port Byron				
Silvis				
Cordova				
Hillsdale				
Illinois City				
Reynolds				
Rapid City PW	N/A	N/A	N/A	
Carbon Cliff				
Hampton PW		1		Old Fire Truck
Coyne Center				
Rock Island County		1		
Drury Twp				
Buffalo Prairie Twp				
Andalusia Twp				
Edgington Twp				
Blackhawk Twp				
Bowling Twp				
Rural Twp				
Coal Valley Twp				
Hampton Twp				
Zuma Twp				
Coe Twp				
Canoe Creek Twp				
Port Byron Twp				
Cordova Twp				

APPENDIX 4

Sand Bag Vendors

Farber Bag Company	Peosta, Iowa	563/580-2608
Quincy Bag Co	Dubuque, Iowa	651/276-4415
Gierke-Robinson	Davenport, Iowa	563/529-0114
Schmidt Erosion Control	Preston, Iowa	563/689-5330
United Bags	St. Louis, MO	800/550-2247
Central Bag Co	Kansas City, MO	816/809-0955
Commercial Bag and Supply Company	Des Moines, Iowa	515/282-1248

Appendix 5 Community Specific Plans

Andalusia

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Barstow

- 17.5
- 15.5
- 15.2
- 15.0
- 14.0
- 13.8
- 13.5
- 13.0
- 12.5
- 12.0

Campbells Island

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Carbon Cliff

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Cordova

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

East Moline

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Hampton

- 17.5
- 15.5
- 15.2
- 15.0
- 14.0
- 13.8
- 13.5
- 13.0
- 12.5
- 12.0

Milan

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Moline

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Port Byron

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Rapid City

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Rock Island

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Silvis

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0

Andalusia

17.5

15.5

15.2

15.0

14.0

13.8

13.5

13.0

12.5

12.0